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Surgical Spring Week SAGES 2016 <u>Scientific Session & Postgraduate Courses</u>

# Quality, Innovation & Mastery

# FINAL PROGRAM

Tanana a

# **PROGRAM CHAIRS:**

Robert D. Fanelli, MD, MHA Thadeus L. Trus, MD

HYNES VETERANS MEMORIAL CONVENTION CENTER, BOSTON, MA 
MARCH 16-19, 2016

# Proud **SAGES** Supporter

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> SS31: Bariatrics, Metabolic, Physiology Session: OR Team - What's Bugging You?

What have we learned?

Panel: Oy, What a Mesh!

SS30: Value/Outcomes

2016 Learning Center

Posters of Distinction

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**Invited Faculty** 

Social Programs

Poster Listing

Mini Med School Boot Camp

Faculty & Presenter Disclosures

**Emerging Technology Posters** 

Membership – Join SAGES

# **General Information**

# **Surgical Spring Week**

## Location

## John B. Hynes Veterans Memorial Convention Center

900 Boylston St, Boston, MA 02115 Show Office onsite phone: 617-954-2983

# **Hosted By**

# Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)

11300 W. Olympic Blvd., Suite 600 Los Angeles, CA 90064 Phone: 310-437-0544 Fax: 310-437-0585 Email: sagesweb@sages.org Web: www.sages.org Twitter: @SAGES\_Updates

## SAGES is managed by BSC Management, Inc

Phone: 310-437-0555, ext.101 Email: info@bscmanage.com Web: www.bscmanage.com

# A Gentle Reminder About Safety/Security:

We have taken every precaution to assure the safety and security of our guests and their possessions. However, we urge you to be aware and take simple steps to guard your possessions.

- Do not leave your purse or briefcase unattended.
- Do not leave your iPad, laptop, phone or other electronic devices on the floor or out of your sight in a darkened room
- Be aware of your surroundings, in the convention center, in and around the downtown Boston area.

Have a safe & secure meeting!

# **SAGES Mission Statement**

The mission of the society is to improve the quality of patient care through education, research, innovation and leadership, principally in gastrointestinal and endoscopic surgery.

# **SAGES Registration Hours**

Tuesday, March 15, 2016	12:00 pm - 5:00 pm
Wednesday, March 16, 2016	6:30 am - 6:30 pm
Thursday, March 17, 2016	6:30 am - 5:30 pm
Friday, March 18, 2016	6:30 am - 5:30 pm
Saturday, March 19, 2016	7:00 am - 2:00 pm

Breakfast will be available Wednesday through Saturday near the registration area, 3rd floor session rooms, and in the posters area, Exhibit Hall A on the 1st floor.

# **Exhibits Dates & Hours**

Wednesday, March 16: Exhibit Hours	12:00 pm - 3:30 pm
Wednesday, March 16: Welcome Reception	5:45 pm - 7:30 pm
Thursday, March 17: Exhibit Hours	9:30 am - 4:00 pm
Friday, March 18: Exhibit Hours	9:30 am - 4:00 pm
Saturday, March 19:	EXHIBITS CLOSED

Exhibits will take place at the Hynes Convention Center, Exhibit Hall C.

# **Poster Dates & Hours**

Join us each day for Breakfast with Posters. We are open extra early!

Thursday, March 17	6:30 am - 4:00 pm
Friday, March 18	6:30 am - 4:00 pm

Posters will take place at the Hynes Convention Center, Exhibit Hall A. See page 135 for posters details.

# **Speaker Prep Room Hours**

Room: Suite 300

Tuesday, March 15	8:00 am - 5:00 pm
Wednesday, March 16 - Friday, March 18	5:30 am - 5:30 pm
Saturday, March 19	6:00 am - 2:30 pm

# **Getting Around / Shuttle Info:**

http://www.sages2016.org/travel-information/

**Boston local info – transportation, what to do, and where to eat,** visit http://www.bostonusa.com/sages2016/

## **SAGES Shuttles**

## Humanitarian Initiatives:

Pickup at the Hynes Veterans Memorial Convention Center, at the bus lane on Boylston St:

- Thursday, March 17 at 10am to Rosie's Place
- Friday, March 18 at 8:30am to Pine Street Inn

#### Main Event at Royale Nightclub:

Pickup at the Sheraton Boston Hotel front entrance on Dalton St, and the Marriott Copley Place front entrance on Huntington Ave. Westin Copley Place guests, please proceed to the Marriott hotel for pick-up.

• Friday, March 18 starting at 6:30pm. The last departure from Royale Nightclub back to the hotels will be at 11pm.



# Most Gastrointestinal Leaks Occur in the Absence of Technical Error<sup>1</sup>

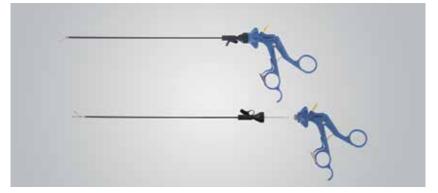
Studies show the best time to detect a leak is when you're still in the OR

# IOE Supports Better Clinical Outcomes:

- Can improve the efficiency of localizing lesions and defining pathology<sup>2</sup>
- May reduce the leak rate postoperatively<sup>3</sup>
- Could minimize the need for postoperative surgical intervention<sup>3</sup>

# Please visit our booth #821

- 1. Role of Intra-Operative Esophagogastroenteroscopy in Minimizing Gastrojejunostomy-Related Morbidity: Experience with 2,311 Laparoscopic Gastric Bypasses with Linear Stapler Anastomosis Ashraf Haddad & Nicholas Tapazoglou & Kuldeep Singh & Andrew Averbach *OBES SURG* (2012) 22:1928–1933
- 2. Intra-operative Endoscopy to Identify Lesions Benjamin K. Poulose, MD, MPH, FACS *Techniques in Gastrointestinal Endoscopy;* 15(2013)180–183
- 3. Intra-operative Endoscopy for Laparoscopic Roux-en-Y Gastric Bypass: Leak Test and Beyond Alasfar F, Chand B Surg *Laparosc Endosc Percutan Tech.* 2010 Dec; 20(6):424–7



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These durable, reusable instruments fit through a 3.0 mm inner-diameter trocar system, helping ensure a virtually scarless surgery. MicroLap instruments can be used to support complete micro-laparoscopic procedures or provide additional noninvasive retraction. CareFusion, the company that brings you MicroLap instruments, V. Mueller<sup>™</sup> and Snowden-Pencer<sup>™</sup> brands, is now BD.

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# See the full line at bd.com/MicroLap

# News for SAGES 2016

SAGES will be using the 2016 Meeting Mobile App to facilitate Audience Response, Questions From the Floor, and General Meeting Announcements. If you wish to participate, please be sure to have in Boston the 2016 Meeting App.

Please contact webmaster@sages.org if you have questions or need advice.



# SAGES Recognition of Excellence Award

SAGES will announce the winners of the SAGES Recognition of Excellence Coins after the meeting. www.sages.org/sagespages

Each session has been assigned a relevant Learning Theme(s) and appropriate Guideline(s) will be referenced.

Look for detail information on page 16.

# **Unique features of the 2016 SAGES Meeting**

- » Immerse yourself in our six comprehensive postgraduate courses including CBD stone management, SMART enhanced recovery pathway implementation at your institution, advances in colorectal surgery for use by general surgeons, endolumenal bariatrics, hernia, and back by overwhelming demand, the safe cholecystectomy program.
- » ALL NEW! The SAGES University Masters Series, in-depth presentations grouped by topic that are offered by master surgeons, provide techniques and tips that you can use immediately to take your practice to the next level.
- » ALL NEW! The SAGES Introduction to the Masters University Series highlights educational pre-requisites for your career in surgery. Positioned in the program for maximal participation by senior residents, fellows, and surgeons new to practice, these expert presentations will expand every surgeon's knowledge and provide a foundation for the SAGES curriculum and future SAGES meetings.
- » ALL NEW! The "All Video All the Time" tract features peer-reviewed video presentations running continuously throughout the main sessions.
- » Back again for 2016 is the popular Exhibit Hall Theatre, featuring more videos, more seating, and improved access.
- » Learn the essentials of minimally invasive and open general surgery including updates and controversies in foregut, colorectal, hernia, bariatric and oncologic surgery as well as flexible endoscopy.
- » Enjoy a day-long program with our Joint Armed Forces colleagues, and collaborative joint sessions with our friends and colleagues from Japan (JSES), Korea (KSELS), and across The Americas.
- » ALL NEW! Don't miss the SAGES TEDxBeaconStreet.com Salon on Thursday evening at the Westin. The theme of "Thriving over Surviving" will deliver a phenomenal experience. Separate free registration is required.
- » Support your side in debate sessions regarding hernia repair, robotic surgery, resident education, and other controversial topics to be presented throughout the meeting.
- » ALL NEW! Allied Health Sessions take advantage of sessions planned jointly with our Allied Health colleagues, scattered throughout the meeting. Let our focus on team building benefit your patients and practice.
- » The Friday-night Gala and Sing-Off at the Royale Boston.
- » iOS and Android apps streamline your meeting experience.
- » Get your SAGES gear at our onsite store.



Improving health and health care quality can occur only if all sectors, individuals, family members, payers, providers, employers, and communities, make it their mission. SAGES aligns to the National Quality Strategy developed by the AHRQ by using Learning and Technical Assistance to improve

health care quality. Look for these icons next to courses and sessions in this Final Program.

# **National Quality Strategy Priorities**



**Patient Safety -** Making care safer by reducing harm caused in the delivery of care.



**Person and Family-Centered Care** - Ensuring that each person and family are engaged as partners in their care.



**Effective Communication and Care Coordination** -Promoting effective communication and coordination of care.



**Prevention and Treatment of Leading Causes of Mortality** - Promoting the most effective prevention and treatment practices for the leading causes of mortality.



**Health and Well-Being** - Working with communities to promote wide use of best practices to enable healthy living.

Affordable Care - Making quality care more affordable for individuals, families, employers, and governments by developing and spreading new health care delivery models.

# Hotels & Complex Map

## Hotels

# Sheraton Boston Dalton St, Boston MA 02199

Reservations Toll Free: 1-888-627-7054 | Local Phone: 1-617-236-2000

# Marriott Boston Copley Place 110 Huntington Ave, Boston, MA 02116

Reservations Toll Free: 1-877-901-6632 | Local Phone: 1-506-474-2009

# Westin Copley Place Boston Huntington Ave, Boston MA 02116

Reservations Toll Free: 1-866-716-8108 | Local Phone: 1-617-262-9600

**SAGES Headquarters Hotel** 

**SAGES Co-Headquarters Hotel** 



# **Childcare Options**

Contact your hotel's concierge or see below (for reference only; not endorsed by SAGES):

#### **Bright Horizons – Prudential Center**

790 Boylston Street, Boston, MA 02199 (617) 262-4850 | www.brighthorizons.com

#### Little Sprouts – South End

160 E Berkeley Street, Boston, MA 02118 (877) 977-7688 | www.littlesprouts.com

#### **Families First Daycare Center**

465 Columbus Avenue, Boston, MA 02118 (617) 267-0245 | www.familesfirstdaycare.com



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# Please visit our booth #821

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UNDERBEN

Advanced Bipolar

Ultrasonic

# SAGES 2016 Schedule at a Glance Quality, Innovation & Mastery

## Program Chairs: Robert D. Fanelli, MD, MHA and Thadeus L. Trus, MD

Wednesday, I	Narch 16, 2016	
Time	Program	Location
7:30 AM - 12:00 PM	PG Course: Common Bile Duct Stones - Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE)	Ballroom B
7:30 AM - 12:00 PM	PG Course: Getting Behind Advances in Colorectal Surgery	Ballroom A
7:30 AM - 12:00 PM	PG Course: SAGES SMART - Incorporating the Latest in Enhanced Recovery into your Gastrointestinal Surgery Program	Room 302
7:30 AM - 12:00 PM	Symposium: International Hernia Symposium	Auditorium
7:30 AM - 12:00 PM	SS01: All Video All The Time: Bariatrics/Mixed MIS	Ballroom C
12:00 PM - 1:30 PM	SAGES Foundation Awards Luncheon (non-CME)	Room 304
12:00 PM - 3:30 PM	Exhibits and SS02: Exhibit Hall Video Presentations (non-CME)	Exhibit Hall C - Theatre
1:30 PM - 5:00 PM	HO Course: Getting Behind Advances in Colorectal Surgery	Exhibit Hall B
1:30 PM - 5:00 PM	HO Course: Common Bile Duct Stones - Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE)	Exhibit Hall B
1:30 PM - 5:00 PM	SS03: All Video All The Time: Mixed MIS/Hernia; Ventral, Inguinal, Unusual Hernias	Ballroom C
1:30 PM - 5:00 PM	Workshop: The SMART Way to Implement and Track Success in Enhanced Recovery Programs	Room 312
1:30 PM - 3:10 PM	Panel: The Future is Now - How Technology is Changing Surgery	Ballroom A
1:30 PM - 3:10 PM	Panel: What Every Surgeon Should Know about Reflux in the Bariatric Patient	Ballroom B
3:10 PM - 4:50 PM	Panel: Everything you Need to Know about Barrett's Esophagus	Ballroom B
3:10 PM - 4:50 PM	Panel: Tools for the Surgical Educator "Coaching the Teachers"	Ballroom A
3:10 PM - 4:50 PM	Session: OR Team - A 360 Approach to Hernia Surgery, or How My Patient Had the Perfect Hernia Experience	Auditorium
5:00 PM - 5:45 PM	Opening Session & SAGES History Film (non-CME)	Auditorium
5:45 PM - 7:30 PM	Exhibit Hall Welcome Reception	Exhibit Hall C
Thursday, Ma	rch 17, 2016	
7:30 AM - 6:15 PM	Full-Day Military Surgical Symposium	Room 304
7:30 AM - 11:15 AM	PG Course: Preventing Bile Duct Injuries; Creating a Culture of Safety in Cholecystectomy	Ballroom B
7:30 AM - 11:15 AM	PG Course: The Skinny on New Weight Loss Techniques	Auditorium
7:30 AM - 11:15 AM	PG Course: Hernia - Abdominal Wall Reconstruction	Room 302
7:30 AM - 11:15 AM	Masters Series: Foregut Disease - GERD, Achalasia and Obesity	Ballroom C
7:30 AM - 9:30 AM	SS04: All Video All The Time: Dentes to Dentate	Ballroom A
9:00 AM - 11:00 AM	SAGES Guest/Spouse Breakfast	Room 306
9:30 AM - 4:00 PM	Exhibits & Learning Center open	Exhibit Hall C
9:30 AM - 4:00 PM	Posters open	Exhibit Hall A
9:30 AM - 11:15 AM	Debate: Robotically Assisted Hernia Repair	Room 312
9:30 AM - 10:30 AM	SS05: Exhibit Hall Video Presentations 1 (non-CME)	Exhibit Hall C - Theatre
11:15 AM - 12:00 PM	Keynote: Karl Storz Lecture - Yulun Wang, PhD "Healthcare Delivery: From Flesh and Bones to Bits and Bites"	Auditorium
12:00 PM - 1:30 PM	Educator's Luncheon - How do I Incorporate FEC/Flex Endoscopy Training into my Residency Program?	Room 306
12:00 PM - 1:30 PM	FREE GRAB AND GREET LUNCH for All Attendees	Exhibit Hall C
12:00 PM - 1:00 PM	Community Practice Townhall	Room 313
12:00 PM - 4:00 PM	SS06: Exhibit Hall Video Presentations 2 (non-CME)	Exhibit Hall C - Theatre
1:30 PM - 5:00 PM	HO Course: Hernia	Exhibit Hall B
1:30 PM - 5:00 PM	HO Course: Endolumenal Bariatrics	Exhibit Hall B
1:30 PM - 5:30 PM	Masters Series: Hernia (Collaboration with AHS)	Ballroom C
1:30 PM - 3:00 PM	Panel: What SAGES Can Do For You - The Enduring Value of Membership	Room 302
1:30 PM - 3:00 PM	Panel: Using Simulation to Improve Quality and Safety in Surgical Care (joint panel with ASE)	Ballroom B
1:30 PM - 3:00 PM	SS07: MIS Mixed Bag	Ballroom A
3:00 PM - 3:30 PM	Refreshment Break/ Happy 1/2 Hour in Exhibit Hall	Exhibit Hall C
3:30 PM - 5:30 PM	Panel: Quality of Surgery: How will you be Rated? Why you should Care?	Ballroom B
3:30 PM - 5:30 PM	Forum: Community Surgery Forum	Room 302
3:30 PM - 5:30 PM	SS08: Flexible Endoscopy	Ballroom A
6:00 PM - 8:00 PM	Industry Education Events (non-CME)	
7:00 PM - 10:00 PM	TEDxBeaconStreetSalon "Thriving over Surviving" (non CME)	Westin Boston - America Ballroom

# SAGES 2016 Schedule at a Glance

Friday, March	18, 2016	
7:30 AM - 8:30 AM	SS09: Foregut 1	Auditorium
7:30 AM - 8:30 AM	SS10: Miscellaneous MIS	Ballroom B
7:30 AM - 8:30 AM	SS11: Bariatrics	Ballroom A
7:30 AM - 8:30 AM	SS12: Ventral Hernia	Room 302
7:30 AM - 8:30 AM	SS13: Biliary	Ballroom C
7:30 AM - 8:30 AM	SS14: Hernia Potpourri	Room 304
8:30 AM - 10:00 AM	SS15: Plenary 1	Auditorium
9:30 AM - 4:00 PM	Exhibits & Learning Center open	Exhibit Hall C
9:30 AM - 4:00 PM	Posters open	Exhibit Hall A
10:00 AM - 10:45 AM	Presidential Address - Brian J. Dunkin, MD "Out of Chaos Comes Opportunity"	Auditorium
10:45 AM - 11:30 AM	Keynote: Gerald Marks Lecture - Jo Buyske, MD "Tying it All Together"	Auditorium
11:30 AM - 12:30 PM	Panel: Uh oh! What do I do? Management of Endoscopic Misadventures	Auditorium
11:30 AM - 12:30 PM	SS16: Foregut 2	Ballroom B
11:30 AM - 12:30 PM	SS17: HPB	Ballroom A
11:30 AM - 12:30 PM	SS18: Surgical Education	Room 302
11:30 AM - 12:30 PM	SS19: Robotics	Ballroom C
11:30 AM - 12:30 PM	SS20: Inguinal Hernia	Room 304
11:30 AM - 4:00 PM	SS21: Exhibit Hall Video Presentations (non-CME)	Exhibit Hall C - Theatre
12:30 PM - 2:00 PM	Fellowship Council Luncheon - The Value of a Surgery Fellowship to My Patients and My Career	Room 306
12:30 PM - 2:00 PM	FREE GRAB AND GREET LUNCH for All Attendees	Exhibit Hall C
2:00 PM - 4:00 PM	Masters Series: Expert Colorectal Surgeons Share Their Experiences	Ballroom C
2:00 PM - 3:30 PM	Panel: Complications in Bariatric Surgery, Early Diagnoses is Paramount to Salvaging a Morbid Condition	Ballroom A
2:00 PM - 3:30 PM	Debate: Robotic Debates - Residents, Robots or Both?	Ballroom B
2:00 PM - 3:30 PM	Panel: Difficulties and Complications in Ventral Hernia Repair	Auditorium
2:00 PM - 3:00 PM	Panel: Telementoring - A New Paradigm in Surgical Training	Room 304
2:00 PM - 3:30 PM	SS22: All Video All The Time: Foregut	Room 302
3:00 PM - 4:00 PM	Panel: MIS in Acute Care Surgery	Room 304
3:30 PM - 6:00 PM	Session: Emerging Technology (non CME)	Auditorium
3:30 PM - 5:30 PM	SS23: Resident/Fellow Scientific Session	Room 312
3:30 PM - 4:00 PM	Refreshment Break/ Happy 1/2 Hour in Exhibit Hall	Exhibit Hall C
4:00 PM - 6:00 PM	Masters Series: Flexible Endoscopy	Ballroom C
4:00 PM - 5:30 PM	Panel: MIS in Endocrine Surgery: Thyroid and Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)	Ballroom A
4:00 PM - 5:30 PM	Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)	Ballroom B
4:00 PM - 5:30 PM	Panel: Program of the Americas - If I can do it, should I do it?	Room 304
4:00 PM - 5:30 PM	SS24: All Video All The Time: Mixed GI/HPB	Room 302
5:30 PM - 6:30 PM	Candidate Networking Townhall	Room 210
6:00 PM - 7:00 PM	Meet the Leadership Reception for Residents/Fellows & New Members	Room 210
7:30 PM - 11:00 PM	SAGES Gala & International Sing-Off	Royale Boston
Saturday, Ma	rch 19, 2016	
CLOSED	Exhibits, Learning Center, Posters	
8:00 AM - 3:00 PM	PG Course: Introduction to the SAGES University Masters Program - Assuring Competency From the Get-Go	Ballroom C
8:00 AM - 11:00 AM	PG Course: Fundamental Use of Surgical Energy (FUSE) - Preparation and Refresher Course	Room 304
8:00 AM - 9:30 AM	Panel: Complications in Robotic Surgery, "Danger, Will Robinson!"	Ballroom B
8:00 AM - 9:30 AM	SS25: Colorectal	Ballroom A

8:00 AM - 9:30 AM

9:30 AM - 11:30 AM

11:00 AM - 12:30 PM

11:30 AM - 12:30 PM

12:00 PM - 1:30 PM

12:00 PM - 1:30 PM

12:30 PM - 2:00 PM

1:00 PM - 3:00 PM

1:30 PM - 3:00 PM

1:30 PM - 3:00 PM

2:00 PM - 3:00 PM

7:30 AM - 2:00 PM

SS26: Acute Care Surgery

Panel: Oy, What a Mesh!

SS30: Value/Outcomes

SS28: Top Videos - MIS Potpourri

SS29: Top Posters/ Posters of Distinction

SS31: Bariatrics, Metabolic, Physiology

Session: OR Team - What's Bugging You?

Mini Med School Boot Camp (non CME)

Session: OR Team - Only Teams Can Prevent OR Fires

SAGES Annual General Membership Business Meeting

SS27: Plenary 2

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All SAGES Members are Encouraged to Attend (non-CME)

Session: OR Team - Duodenoscopes, Infections and Reprocessing. What have we learned?

Room 302

Ballroom B

Room 304

Ballroom B

Ballroom A

Room 302

Room 304

Ballroom B

Ballroom A

Room 302

Room 304

Room 312

# SAGES

# Humanity, Education, Leadership, Perspective, Support

SAGES is involved in several projects to support the community in which we host our annual meeting. This is an extraordinary way for registrants and guests to help repair the world one tiny step at a time.

## This year's initiatives:



Thursday, March 17, 2016 Time: 10:30 am - 1:30 pm Pick up Time: 10:00 am Shuttle Pick Up Location: Hynes Veterans Memorial Convention Center, 900 Boylston Street Cost: No Fee Box Lunch provided Capacity: 12 volunteers | Registration Required



**Pine Street Inn** 

Friday, March 18, 2016 Time: 9:00 am - 12:30 pm Pick up Time: 8:30 am

Shuttle Pick Up Location: Hynes Veterans Memorial Convention Center, 900 Boylston Street Cost: No Fee Box Lunch provided

Capacity: 12 volunteers Registration Required Limitations: All volunteers must be 15 years of age and older regardless of parental permission or attendance.



Saturday, March 19: 7:30AM - 2:00PM

Limitation: Must be a High School Student Lunch Provided Cost: No fee Location: Hynes Convention Center, Room 312

### Volunteer to make an impact on the lives of many homeless women in the Boston area. Volunteers will have the opportunity to prepare and serve nutritious meals.

Rosie's Place was founded in 1974 as the first women's shelter in the United States. Their mission is to provide a safe and nurturing environment to help poor and homeless women maintain their dignity, seek opportunity and find security in their lives. Today, Rosie's Place not only provides meals and shelter but also creates opportunities for 12,000 women a year through wide-ranging support, housing and education services. Website: www.rosiesplace.org

This opportunity combines hands on service with an educational tour of the Inn. Volunteers will prepare and serve a healthy lunch at one of the housing sites.

Founded in 1969, Pine Street Inn serves more than 1,600 homeless individuals daily and nearly 9,000 annually, providing the full spectrum of services to help men and women reach their highest level of independence and get back to a place they can call home. The mission of Pine Street Inn is to be a community of respect and hope for each guest, a resource to help meet the basic needs and serve as a national leader in the fight to end homelessness. Website: www.pinestreetinn.org

# **Mini-Med School Boot Camp**

High school students from the Boston area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. The day is power packed with classroom lectures, and Interactive Stations Experience. Both cognitive and skill competitions with awards and prizes will be offered. See page 105 for further details.



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# SAGES Policy on Conflict of Interest

# **A. Identifying Conflicts of Interest**

SAGES has implemented a five-tiered approach towards identifying potential conflicts of interest.

- 1. Members of committees involved in the planning of CME activities, including the Board of Governors, must provide a financial disclosure in advance of participation in a committee meeting. These disclosures are sent to the committee in advance of each committee meeting. Attendees are reminded about the disclosure policy at each committee meeting, and any committee member with a conflict is asked to recuse him or herself from the discussion of any CME activities. Chairs and/or Co-Chairs are responsible for ensuring conflicts are managed by appropriate mechanisms (balanced by input from other committee members or recual).
- 2. Course Directors for CME activities must provide their financial disclosures along with their suggested course outline and faculty. This information is forwarded to the Conflict of Interest Task Force, who then determines whether or not a potential conflict exists and if so, makes edits, changes or recommendations to the outline.
- 3. Invited faculty for CME activities must provide their financial disclosures upon invitation to serve as faculty. These disclosures are reviewed by the Course or Session Chairs, conflicts are identified, and management mechanisms are determined. The CITF Chair and Co-Chair review all disclosures, conflicts and management suggestions by Course and Session Chairs, and make the final decision regarding this.
- 4. All content authors of scientific abstracts must provide disclosure upon submission. Abstracts are peer reviewed in a blinded fashion by multiple reviewers from the Program Committee and are selected for presentation based on scientific merit. All disclosures are provided to the Program Committee during the "Put-The-Program-Together" meeting at which abstracts are selected for presentation. No content author may be an employee of a commercial interest.
- 5. All speakers at SAGES CME activities must display a list of financial disclosures on the first slide of their presentation and disclosures are printed in the program materials.

# **B. Managing Potential Conflicts of Interest**

SAGES has implemented several mechanisms to manage conflicts of interest prior to an educational activity.

- 1. Recusal, such as the committee member recusing him or herself from discussion of CME activities.
- 2. Oversight by the committee Chair or Co-Chair to ensure conflicts do not arise during committee planning sessions.
- 3. The SAGES Conflict of Interest Task force reviews all Course Director's disclosures, proposed course outlines and faculty lists. The Conflict of Interest Task Force will make edits to the course outline or faculty list if necessary.
- 4. Course and Session Chairs are responsible for determining whether or not a conflict exists and if so, how to manage this conflict.
- 5. If a conflict is determined, then a notice is sent (via mail or email) to the faculty member, requiring them to adhere to the management technique or else recuse him or herself from the presentation.
- 6. During the session, the Course Director observes the presentations and makes note of commercial bias. If any is perceived, this is immediately reported to the staff.
- 7. All attendees of CME activities are requested to make note of perceived commercial bias in activity evaluations and bias report forms. The Conflict of Interest Task Force and/or the CME Committee will investigate substantive concerns.

# **SAGES Program Committee**

Chair: Jon C. Gould, MD Co-Chair: Dana Alexa Telem, MD Daniel M. Herron, MD Simon Bergman, MD James G. Bittner, MD Steven P. Bowers, MD Fredrick J. Brody, MD Robert D. Fanelli, MD, MHA Edward L. Felix, MD Michel Gagner, MD Matthew I. Goldblatt, MD

Carroll M. Harmon, MD, PhD Michael D. Holzman, MD, MPH Gretchen Purcell Jackson, MD, PhD Dmitry Oleynikov, MD **Daniel Bougere Jones, MD** Marina Kurian, MD Robert B Lim MD Jeffrey M. Marks, MD Brent D. Matthews, MD Stephen S. McNatt, MD

Sumeet K. Mittal, MD Jonathan A. Myers, MD Sheetal Nijhawan, MD John T. Paige, MD Edward H. Phillips, MD Archana Ramaswamy, MD William S. Richardson, MD Sharona B. Ross, MD Christopher M. Schlachta, MD Daniel J. Scott, MD Don J. Selzer, MD Ali Tavakkoli, MD Thadeus L. Trus, MD Manabu Yamamoto, MD Tonia M. Young-Fadok, MD Natan Zundel, MD

# **SAGES Conflict of Interest Task Force:**

Chair: Patricia Sylla, MD Peter M. Denk, MD Daniel J. Deziel, MD Terrence M. Fullum, MD

Jeffrey M. Marks, MD Brendan M. Marr, MD Sharona B. Ross, MD Kamran Samakar, MD Phillip P. Shadduck, MD Paresh C. Shah, MD Ketan R. Sheth, MD Prashant Sinha, MD

Steven C. Stain, MD Kiran Kalyan Turaga, MD

# SAGES 2016 Meeting Commercial Bias Reporting Form

You are encouraged to ...

- 1) Document (on this form) any concerns about commercially-biased presentations/ materials during educational sessions, and
- 2) Immediately take your completed form to the SAGES staff at Meeting Registration at the Hynes Convention Center or fax it to (310) 437-0585.

Your feedback will be shared with a member of the Conflict of Interest Task Force, Program and/or Continuing Education Committee, who will make the faculty and course chair(s) aware of these concerns.

# **Commercial Bias**

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) has an obligation to the medical profession and society as a whole to elucidate bias in order to protect the objectivity, scientific integrity and quality of its continuing medical education (CME) programs and to provide CME in an ethical and impartial manner. Bias is defined when a preference or predisposition exist toward a particular perspective or result that interferes with an individual's ability to be impartial, unprejudiced or objective in order to further personal gain and disregard for data. Particular preferences may be favorable or unfavorable. When bias exists, impartial judgment and neutrality may be compromised. Bias may be minimized through a declaration of conflict of interest or commercial interests, an evaluation of peer-reviewed evidence-based medicine with an integration of clinical expertise and/ or experience, and an assertion of published sources for evidence-based reporting. SAGES requires presenters at all educational events to specifically avoid introducing bias, commercial or otherwise, into their presentations.

Presentation	8
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(eg session name, etc)

**Commercial Bias by:** (ie faculty name, company rep) **Promotion via:** 

(eg handouts, slides, what they said, actions)

## **Commercial Bias about:**

(check all that apply)

- \_\_Patient treatment/management recommendations weren't based on strongest levels of evidence available.
- \_\_Emphasis was placed on one drug or device versus competing therapies, and no evidence was provided to support its increased safety and/ or efficacy.
- \_\_\_\_Trade/brand names were used.
- \_\_\_\_Trade names versus generics were used for all therapies discussed.
- \_\_\_\_The activity was funded by industry and I perceived a slant toward the grantors.
- \_\_The faculty member had a disclosure and I perceived a slant toward the companies with which he/she has relationships.
- \_\_Other (please describe): \_\_\_\_\_

## Please return this form to SAGES Meeting Registration or fax to (310) 437-0585.

# SAGES 2016 Final Program CME Hours

Accreditation:	Activity	Hours I Attended	Credits Available
The Society of American Gastrointestinal	PG Course: Common Bile Duct Stones - Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE)		4.25
and Endoscopic Surgeons (SAGES) is	PG Course: Getting Behind Advances in Colorectal Surgery		4.5
accredited by the Accreditation Council for Continuing Medical Education	PG Course: SAGES SMART - Incorporating the Latest in Enhanced Recovery into your Gastrointestinal Surgery Program		4.25
(ACCME) to sponsor Continuing Medical	Symposium: International Hernia Symposium		4.25
Education for physicians.	SS01: All Video All the Time Scientific Session-Bariatrics/Mixed MIS Hands On Course: Getting Behind Advances in Colorectal Surgery		4.5
The Society of American Gastrointestinal	Hands On Course: Getting Benind Advances in Colorectal Surgery Hands On Course: Common Bile Duct Stones		3.5
and Endoscopic Surgeons (SAGES)	SS03: All Video All the Time Scientific Session-Mixed MIS/Hernia: Ventral, Inguinal, Unusual Hernias		3.5
designates this live activity for a maximum	Workshop: The SMART Way to Implement and Track Success in Enhanced Recovery Programs     Panel: The Future is Now - How Technology is Changing Surgery		3.5 1.75
of 35.5 AMA PRA Category 1 Credits <sup>™</sup> .	Panel: What Every Surgeon Should Know about Reflux in the Bariatric Patient		1.75
Physicians should claim only the credit	Panel: Everything you Need to Know about Barrett's Esophagus		1.75
commensurate with the extent of their participation in the activity.	Panel: Tools for the Surgical Educator "Coaching the Teachers" Session: OR Team - A 360 Approach to Hernia Surgery, Or How My Patient Had the Perfect Hernia Experience		1.75 1.75
	SUBTOTAL		MAX: 8
CME Worksheet for the 2016 SAGES Scientific Session & Postgraduate Course:	Military Surgical Symposium		8.25
This is NOT your CME credit form. Please	PG Course: Preventing Bile Duct Injuries; Creating a Culture of Safety in Cholecystectomy PG Course: The Skinny on New Weight Loss Techniques		3.75 3.5
use the worksheet below to track the	PG Course: Hernia - Abdominal Wall Reconstruction		3.5
number of CME hours you attend for	Masters Series: Foregut Disease - GERD, Achalasia and Obesity		3.75
each activity. All attendees wishing to	SS04: All Video All the Time Scientific Session-MIS Dentes to Dentate Debate: Robotically Assisted Hernia Repair		2 1.75
receive a CME certificate for activities	H Karl Storz Lecture - Yulun Wang, PhD (non-CME)		
attended at the 2016 SAGES Scientific Session & Postgraduate Course	Educator's Luncheon: How do I Incorporate FEC/Flex Endoscopy Training into Residency Program?		1.5
must complete an on-line meeting	V Masters Series: Hernia (Collaboration with AHS)		1.5 3.5
evaluation. Attendees will be able	Hands On Course: Hernia		3.5
to print and re-print their certificates	Hands On Course: Endolumenal Bariatrics		3.5
throughout the year beginning two weeks	SS07: MIS Mixed Bag SS08: Flexible Endoscopy		1.5 2
after the conclusion of the meeting.	Panel: Using Simulation to Improve Quality and Safety in Surgical Care (joint panel with ASE)		1.5
During or after the meeting: Attendees     will also have access to the on-line	Panel: Quality of Surgery: How will you be Rated? Why you should Care?		2
meeting evaluation and credit claim	Forum: Community Surgery Forum SUBTOTAL		2 MAX: 10
form via a link on the Annual Meeting	Scientific Session/Concurrent Sessions (SS09/SS10/SS11/SS12/SS13/SS14)		1
website.	Scientific Session/Concurrent Sessions (SS16/SS17/SS18/SS19/SS20) SS15: Plenary Session 1		1 1.5
Be sure to retain your Conference Badge	Panel: Uh oh! What do I do? Management of Endoscopic Misadventures		1.5
as the ID number will be your online	Fellowship Council Luncheon: The Value of a Surgery Fellowship to My Patients and My Career		1.5
PIN number. An email will also be sent, reminding attendees of this service.	Masters Series: Expert Colorectal Surgeons Share Their Experiences Panel: Complications in Bariatric Surgery, Early Diagnoses is Paramount to Salvaging a Morbid Condition		2
<b>3</b>	Presidential Address - Out of Chaos Comes Opportunity		0.75
Self-Assessment CME Credit, Part 2	Debate: Robotic Debates - Residents, Robots or Both?		1.5
of the American Board of Surgery (ABS) Maintenance of Certification	rg Gerald Marks Lecture - Tying it All Together Panel: Difficulties and Complications in Ventral Hernia Repair		0.75 1.5
(MOC) Program: This activity has also	Panel: Telementoring - A New Paradigm in Surgical Training		1.5
been designated as Self-Assessment	SS22: All Video All the Time Scientific Session – Foregut		1.5
CME credit, applicable to Part 2 of the	Panel: MIS in Acute Care Surgery		
			1
ABS MOC program. In order to claim	SS23: Resident/Fellow Scientific Session Emerging Technology Session (non-CME)		2
ABS MOC program. In order to claim Self-Assessment credit, attendees	SS23: Resident/Fellow Scientific Session Emerging Technology Session (non-CME) Masters Series: Flexible Endoscopy		2
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting	SS23: Resident/Fellow Scientific Session Emerging Technology Session (non-CME) Masters Series: Flexible Endoscopy Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)		2 2 1.5
ABS MOC program. In order to claim Self-Assessment credit, attendees	SS23: Resident/Fellow Scientific Session Emerging Technology Session (non-CME) Masters Series: Flexible Endoscopy		2
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning	SS23: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         SS24: All Video All the Time Scientific Session - Mixed GI/HPB		2 1.5 1.5 1.5 1.5
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional	SS23: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         SS24: All Video All the Time Scientific Session - Mixed GI/HPB         SUBTOTAL		2 1.5 1.5 1.5 1.5 MAX: 10.5
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and	SS23: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         SS24: All Video All the Time Scientific Session - Mixed GI/HPB		2 1.5 1.5 1.5 1.5
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and it's requirements, visit the ABS website at:	SS23: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         SS24: All Video All the Time Scientific Session - Mixed Gl/HPB         SUBTOTAL         Scientific Session/Concurrent Sessions (SS28/SS29)         Scientific Session/Concurrent Sessions (SS30/SS31)		2 1.5 1.5 1.5 1.5 MAX: 10.5 1.5 1.5 1.5 1.5
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and	SS23: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         SS24: All Video All the Time Scientific Session - Mixed GI/HPB         SUBTOTAL         Scientific Session/Concurrent Sessions (SS25/SS26)         Scientific Session/Concurrent Sessions (SS28/SS29)         Scientific Session/Concurrent Sessions (SS30/SS31)         Postaraduate Course: Introduction to the SAGES Masters Program -Assuring Competency from the Get Go		2 1.5 1.5 1.5 1.5 MAX: 10.5 1.5 1.5 1.5 5.75
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and it's requirements, visit the ABS website at:	SS23: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         SS24: All Video All the Time Scientific Session - Mixed Gl/HPB         SUBTOTAL         Scientific Session/Concurrent Sessions (SS28/SS29)         Scientific Session/Concurrent Sessions (SS30/SS31)		2 1.5 1.5 1.5 1.5 MAX: 10.5 1.5 1.5 1.5 1.5
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and it's requirements, visit the ABS website at:	S523: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         S524: All Video All the Time Scientific Session - Mixed GI/HPB         SUBTOTAL         Scientific Session/Concurrent Sessions (SS25/SS26)         Scientific Session/Concurrent Sessions (SS30/SS31)         Postgraduate Course: Introduction to the SAGES Masters Program -Assuring Competency from the Get Go         Postgraduate Course: Fundamental Use of Surgical Energy (FUSE) - Preparation and Refresher Course         Panel: Complications in Robotic Surgery, "Danger Will Robinson"         SS27: Plenary Session 2		2 1.5 1.5 1.5 1.5 MAX: 10.5 1.5 1.5 5.75 3 1.5 3 1.5 2
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and it's requirements, visit the ABS website at:	S523: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         S524: All Video All the Time Scientific Session - Mixed GI/HPB         SUBTOTAL         Scientific Session/Concurrent Sessions (S525/S526)         Scientific Session/Concurrent Sessions (S528/S529)         Scientific Session/Concurrent Sessions (S530/S531)         Postgraduate Course: Introduction to the SAGES Masters Program -Assuring Competency from the Get Go         Postgraduate Course: Introduction to the SAGES Masters Program -Assuring Competency from the Get Go         Postgraduate Course: Introduction to the SAGES Masters Program -Assuring Competency from the Get Go         Postgraduate Course: Indamental Use of Surgical Energy (FUSE) - Preparation and Refresher Course         Panel: Complications in Robotic Surgery, "Danger Will Robinson"         S527: Plenary Session 2       Session: OR Team - Only Teams Can Prevent OR Fires		2 1.5 1.5 1.5 1.5 MAX: 10.5 1.5 1.5 5.75 3 1.5 3 1.5 2 1.5
ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and it's requirements, visit the ABS website at:	S523: Resident/Fellow Scientific Session         Emerging Technology Session (non-CME)         Masters Series: Flexible Endoscopy         Panel: MIS in Endocrine Surgery: Thyroid & Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)         Panel: Program of the Americas - If I can do it, should I do it?         S524: All Video All the Time Scientific Session - Mixed GI/HPB         SUBTOTAL         Scientific Session/Concurrent Sessions (SS25/SS26)         Scientific Session/Concurrent Sessions (SS30/SS31)         Postgraduate Course: Introduction to the SAGES Masters Program -Assuring Competency from the Get Go         Postgraduate Course: Fundamental Use of Surgical Energy (FUSE) - Preparation and Refresher Course         Panel: Complications in Robotic Surgery, "Danger Will Robinson"         SS27: Plenary Session 2		2 1.5 1.5 1.5 1.5 MAX: 10.5 1.5 1.5 5.75 3 1.5 3 1.5 2

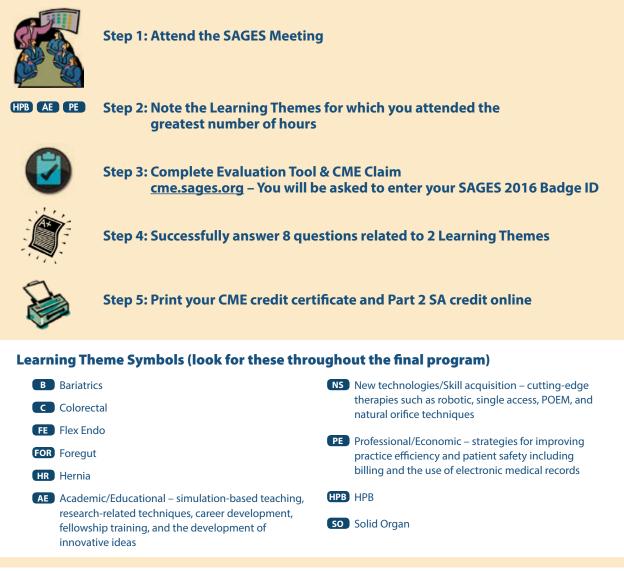
SUBTOTAL

MAX: 7

# Steps to Obtaining Self-Assessment CME Credit

# Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program

The American Board of Surgery (ABS) requires completion of 90 hours of Category I CME relevant to your practice over a three-year MOC cycle. As of July 2012, at least 60 (previously 30) of the 90 hours completed over a three-year cycle must include a self-assessment activity. The SAGES Annual Meeting has been designated as Self-Assessment CME credit, applicable to Part 2 of the ABS MOC program. You must complete the following steps to obtain Part 2 SA credits. For additional information on the ABS MOC program and its requirements, visit the ABS website at: http://home.absurgery.org/



# The Role of SAGES Guidelines in the World of Surgery

Once you leave surgical training, what are the new and emerging rules on how to treat patients? Even if you attend meetings and read a plethora of journals, it is not always clear what the "standard of practice" is. Also, not clear is what your hospital may expect from you in order to allow you to perform new procedures.

The **SAGES Guidelines Committee** does that work for you, your privileging committee and the entire surgical community. SAGES guidelines are evidence based. It takes approximately ten people and one year to do the research and make the determination of which standards to adopt. The development and dissemination of guidelines is one of the most valuable services SAGES provides to general and minimal access surgery.

You can find guidelines and/or statements as they relate to the content of relevant sessions in this program, or through direct links in our mobile app under the session description.

Complete list of all of our guidelines and statements is available at http://www.sages.org/publications

# Keep your surgical practice up to date with SAGES Standards of Practice Guidelines!

# SAGES 2016 Meeting Leaders

# **SAGES Program Chairs:**



Robert D. Fanelli MD, MHA

# **2016 Course Chairs & Unit Coordinators**

Military Surgical Symposium Chair: Robert B. Lim, MD Co-Chair: Yong U. Choi, MD

CME: Chair: Jacob Andrew Greenberg, MD Co-Chair: Timothy M. Farrell, MD

Equipment: Chair: Kyle A. Perry, MD Co-Chair: Kinga A. Powers, MD, PhD

Learning Center: Chair: Edward D. Auyang, MD, MS Co-Chair: Denise W. Gee, MD

SAGES University Masters Series: Chair: Daniel Bougere Jones, MD Co-Chair: Daniel J. Scott, MD

Posters: Chair: Dana Alexa Telem, MD Co-Chair: Konstantinos Spaniolas, MD

Video: Chair: James G. Bittner, MD Co-Chair: Linda P. Zhang, MD

Postgraduate Course: Common Bile Duct Stones – Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE) Chair: Nathaniel J. Soper, MD Co-Chair: Fernando Santos, MD

Postgraduate Course: Fundamental Use of Surgical Energy (FUSE) - Preparation and Refresher Course Chair: Pascal R. Fuchshuber, MD Co-Chair: Thomas N. Robinson, MD, MS

Postgraduate Course: Getting Behind Advances in Colorectal Surgery Chair: Patricia Sylla, MD Co-Chair: Peter W. Marcello, MD

Postgraduate Course: Hernia - Abdominal Wall Reconstruction Chair: Adrian Park, MD Co-Chair: Mike Kuo Liang, MD

Postgraduate Course: Introduction to the SAGES University Masters Program Chair: John Hunter, MD Co-Chair: Daniel J. Deziel, MD CINATORS Postgraduate Course: Preventing Bile Duct Injuries; Creating a Culture of Safety in Cholecystectomy Chair: Michael B. Ujiki, MD Co-Chair: L. Michael Brunt, MD

**Thadeus L. Trus MD** 

Postgraduate Course: SAGES SMART -Incorporating the Latest in Enhanced Recovery into your Gastrointestinal Surgery Program Chair: Rajesh Aggarwal, MBBS, MA, PhD Co-Chair: Carmen L. Mueller, BSc(H), MD, MEd

Postgraduate Course: The Skinny on New Weight Loss Techniques Chair: Marina Kurian, MD Co-Chair: Matthew D. Kroh, MD

Hands-On Course: Common Bile Duct Stones - Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE) Chair: Fernando Santos, MD Co-Chair: Eric Steven Hungness, MD

Hands-On Course: Endolumenal Bariatrics Chair: Dean J. Mikami, MD Co-Chair: Bipan Chand, MD

Hands-On Course: Getting Behind Advances in Colorectal Surgery Chair: Patricia Sylla, MD Co-Chair: Peter W. Marcello, MD

Hands-On Course: Hernia Chair: William W. Hope, MD Co-Chair: William S. Cobb, MD

Workshop: The SMART Way to Implement and Track Success in Enhanced Recovery Programs Chair: Anthony J. Senagore, MD Co-Chair: Marylise Boutros, MD

Educator's Luncheon Chair: John D. Mellinger, MD

Fellowship Council Luncheon Chair: Edward Lin, DO

# SAGES Board of Governors Executive Committee



President: Brian J. Dunkin, MD President-Elect: Daniel J. Scott, MD 1st Vice President: Daniel Bougere Jones, MD 2nd Vice President: Horacio J. Asbun, MD Secretary: Jeffrey M. Marks, MD Treasurer: Aurora Dawn Pryor, MD Immediate Past President:

L. Michael Brunt, MD\*

## **Members of the Board**

Fredrick J. Brody, MD Robert D. Fanelli, MD, MHA Timothy M. Farrell, MD Liane S. Feldman, MD Gerald M. Fried, MD\* Jon C. Gould, MD Daniel M. Herron, MD Santiago Horgan, MD Matthew M. Hutter, MD, MPH Gretchen Purcell Jackson, MD, PhD Brian P. Jacob, MD Leena Khaitan, MD Marina Kurian, MD Robert B. Lim, MD Brent D. Matthews, MD John D. Mellinger, MD W. Scott Melvin, MD\* Kenric M. Murayama, MD Allan E. Okrainec, MD Dmitry Oleynikov, MD Adrian Park, MD Christopher M. Schlachta, MD Steven D. Schwaitzberg, MD\* Paresh C. Shah, MD C. Daniel Smith, MD\* Lee L. Swanstrom, MD\* Patricia Sylla, MD Mark A. Talamini, MD\* Thadeus L. Trus, MD Melina C. Vassiliou, MD Tonia M. Young-Fadok, MD Natan Zundel, MD

\* = Past President

# SAGES 2016 Meeting Leaders

# SAGES Panel/Session/Symposium/Debate Chairs:

Debate: Robotic Debates - Residents, Robots or Both?
Chair: Daniel M. Herron, MD
Co-Chair: Santiago Horgan, MD
Debate: Robotically Assisted Hernia Repair
Chair: Brian P. Jacob, MD
Co-Chair: David Bryan Earle, MD
Forum: Community Surgery Forum
Chair: Jeffrey W. Crooms, MD Co-Chair: Debbie F. Youngelman, MD
Masters Series: Expert Colorectal Surgeons Share Their Experience
Chair: Tonia M. Young-Fadok, MD
Co-Chair: Steven D. Wexner, MD
Masters Series: Flexible Endoscopy
Chair: Jeffrey M. Marks, MD
<b>Co-Chair:</b> Melissa Phillips Lapinska, MD
Masters Series: Foregut Disease - GERD, Achalasia and Obesity
Chair: Aurora Dawn Pryor, MD
Co-Chair: Andrew Wright, MD
Masters Series: Hernia (Collaboration with AHS)
Chair: Brent D. Matthews, MD
Co-Chair: Gina L. Adrales, MD, MPH
Panel: Complications in Bariatric Surgery, Early Diagnoses is
Paramount to Salvaging a Morbid Condition
Chair: Diego R. Camacho, MD
Co-Chair: Joshua B. Alley, MD
Panel: Complications in Robotic Surgery, "Danger, Will Robinson!" Chair: Dmitry Oleynikov, MD
<b>Co-Chair:</b> Ozanan Ricardo de Oliveira Meireles, MD
Panel: Difficulties and Complications in Ventral Hernia Repair
Chair: David A. Jannitti, MD
Co-Chair: Michael J. Pucci, MD
Panel: Everything You Need to Know About Barrett's Esophagus
Chair: Daniela Molena, MD
Co-Chair: Jose M. Martinez, MD
Panel: Hot Topics in Japan as Compared with the United States
(joint with JSES)
Chair: Manabu Yamamoto, MD
Co-Chair: Michael D. Holzman, MD, MPH
Panel: MIS in Acute Care Surgery
Chair: Jonathan P. Pearl, MD
Co-Chair: Danielle S. Walsh, MD
Panel: MIS in Endocrine Surgery: Thyroid and Pancreas
Neuroendocrine Tumors (PNET) (joint with KSELS) Chair: Ho-Seong Han, MD
Co-Chair: Horacio J. Asbun, MD
Panel: Oy, What a Mesh!
Chair: Allan E. Okrainec, MD
<b>Co-Chair:</b> Sharon L. Bachman, MD
Panel: Program of the Americas - If I Can Do It, Should I Do It?
Chair: Natan Zundel, MD
Co-Chair: Samuel Szomstein, MD
Panel: Quality of Surgery: How Will You Be Rated? Why You Should
Care?
Chair: Anne O. Lidor, MD, MPH
Co-Chair: John M. Morton, MD

**Panel: Telementoring - A New Paradigm in Surgical Training** Chair: Christopher M. Schlachta, MD Co-Chair: Todd Ponsky, MD Panel: The Future Is Now - How Technology Is Changing Surgery Chair: Ali Tavakkoli, MD Co-Chair: Michael L. Kochman, MD Panel: Tools for the Surgical Educator "Coaching the Teachers" Chair: Kenric M. Murayama, MD Co-Chair: Nicole Fearing, MD Panel: Uh Oh! What Do I Do? Management of Endoscopic **Misadventures** Chair: John R. Romanelli, MD Co-Chair: Leena Khaitan, MD Panel: Using Simulation to Improve Quality and Safety in Surgical Care (joint with ASE) Chair: John T. Paige, MD Co-Chair: Dimitrios Stefanidis, MD, PhD Panel: What Every Surgeon Should Know about Reflux in the **Bariatric Patient** Chair: Dana Alexa Telem, MD Co-Chair: Kevin M. Reavis, MD Panel: What SAGES Can Do For You - The Enduring Value of **Membership** Chair: Brian J. Dunkin, MD Co-Chairs: William S. Richardson, MD & Ross F. Goldberg, MD **Emerging Technology Session** Chair: Shawn T. Tsuda, MD Co-Chair: Giovanni Dapri, MD, PhD Session: OR Team - A 360 Approach to Hernia Surgery, or How My **Patient Had the Perfect Hernia Experience** Chair: Shirin Towfigh, MD Co-Chair: Maureen Hemingway, RN, MHA, CNOR Session: OR Team - Duodenoscopes, Infections and Reprocessing. What have We Learned? Chair: Herbert Lerner, MD Co-Chair: Janet R. King, BSN, RN, CGRN **Session: OR Team - Only Teams Can Prevent OR Fires** Chair: Daniel Bougere Jones, MD Co-Chair: Charlotte Guglielmi, BSN, RN, CNOR Session: OR Team - What's Bugging You? Chair: Vimal K. Narula, MD Co-Chair: Maureen Quigley, MD **Resident/Fellow Scientific Session** Chair: Iswanto Sucandy, MD Co-Chair: Philip H Pucher, MD, PhD **Resident/Fellow Scientific Session** Chair: Archana Ramaswamy, MD Co-Chair: John Scott Roth, MD **TEDxBeaconStreet Salon-Thriving Over Surviving (non CME)** Chair: Steven D. Schwaitzberg, MD

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Co-Chair: Melina C. Vassiliou, MD

# **2016 SAGES Webcast Sessions**

To view the webcast, please visit us at http://sages.orlive.com/

Wednesday, March 1	6, 2016	
7:30 AM - 12:00 PM	PostgraduateCourse: Common Bile Duct Stones - Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE)	Chair: Nathaniel J. Soper, MD Co-Chair: Fernando Santos, MD
1:30 PM - 3:10 PM	Panel: What Every Surgeon Should Know About Reflux in the Bariatric Patient	Chair: Dana Alexa Telem, MD Co-Chair: Kevin M. Reavis, MD
3:10 PM - 4:50 PM	Panel: Everything you Need to Know About Barrett's Esophagus	Chair: Daniela Molena, MD Co-Chair: Jose M. Martinez, MD
Thursday, March 17,	2016	
7:30 AM - 11:15 AM	PostgraduateCourse: The Skinny on New Weight Loss Techniques	Chair: Marina Kurian, MD Co-Chair: Matthew D. Kroh, MD
11:15 AM - 12:00 PM	Karl Storz Lecture: "Healthcare Delivery: From Flesh and Bones to Bits and Bites"	Speaker: Yulun Wang, PhD
Friday, March 18, 20	16	
7:30 AM - 8:30 AM	Scientific Session: Foregut	Moderator: Samuel Szomstein, MD Co-Moderator: John T. Paige, MD
8:30 AM - 10:00 AM	Plenary 1	Moderator: Daniel J. Scott, MD Co-Moderator: Eduardo Targarona, MD
10:00 AM - 10:45 AM	Presidential Address: "Out of Chaos Comes Opportunity"	Speaker: Brian J. Dunkin, MD
10:45 AM - 11:30 AM	Gerald Marks Lecture: "Tying it All Together"	Speaker: Jo Buyske, MD
11:30 AM - 12:30 PM	Panel: Uh Oh! What Do I Do? Management of Endoscopic Misadventures	Chair: John R. Romanelli, MD Co-Chair: Leena Khaitan, MD
2:00 PM - 3:30 PM	Panel: Difficulties and Complications in Ventral Hernia Repair	Chair: David A. Iannitti, MD Co-Chair: Michael J. Pucci, MD
3:30 PM - 6:00 PM	Session: Emerging Technology	Chair: Shawn T. Tsuda, MD Co-Chair: Giovanni Dapri, MD, PhD

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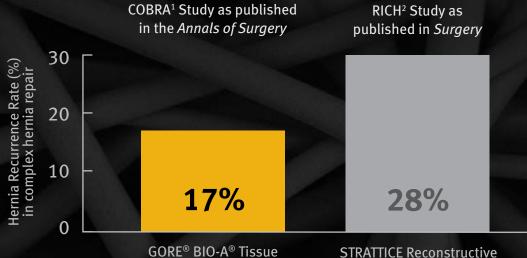
You are providing state-of-the-art minimally invasive surgery for your patients. But is your perioperative care meeting the same standards?

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# **Biosynthetic vs. Biologic**

# HERNIA RECURRENCE RATES



Reinforcement

STRATTICE Reconstructive Tissue Matrix

Key study points from the COBRA paper:

- Prospective, multicenter, observational study with 104 patients •
- Only clean-contaminated and contaminated cases included
- Study showed 17% recurrence with two-year follow up •
- Excellent patient quality-of-life results •
- A clear opportunity to reduce costs in complex patients vs. biologics ٠
- 1. Rosen M, Bauer JJ, Harmaty M, et al. Multicenter, prospective, longitudinal study of the recurrence, surgical site infection, and quality of life after contaminated ventral hernia repair using biosynthetic absorbable mesh: the COBRA Study. Annals of Surgery. In press.
- 2. Itani KM, Rosen M, Vargo D, Awad SS, Denoto G 3rd, Butler CE; RICH Study Group. Prospective study of single-stage repair of contaminated hernias using a biologic porcine tissue matrix: the RICH Study. Surgery 2012;152(3):498-505.

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T I S S U E R E I N F O R C E M E N T

PERFORMANCE through data

Postgraduate Course: Common Bile Duct Stones - Intraoperative Cholangiography (IOC)	
7:30 AM - 12:00 PM	Ballroom B
7:30 AM - 12:00 PM <b>Postgraduate Course: Getting Behind Advances in Colorectal Surgery</b>	Ballroom A
7:30 AM - 12:00 PM Postgraduate Course: SAGES SMART - Incorporating the Latest in Enhanced Recovery into your Gastrointestinal Surgery Program	Room 302
7:30 AM - 12:00 PM Symposium: International Hernia Symposium	Auditorium
7:30 AM - 12:00 PM SS01: All Video All The Time: Bariatrics/Mixed MIS	Ballroom C
12:00 PM - 1:30 PM SAGES Foundation Awards Luncheon (non-CME)	Room 304
12:00 PM - 3:30 PM Exhibits and SS02: Exhibit Hall Video Presentations (non-CME)	Exhibit Hall C - Theatre
1:30 PM - 5:00 PM     HO Course: Getting Behind Advances in Colorectal Surgery	Exhibit Hall B
1:30 PM - 5:00 PM Laparoscopic Common Bile Duct Stones - Intraoperative Cholangiography (IOC) to	Exhibit Hall B
1:30 PM - 5:00 PM       SS03: All Video All The Time: Mixed MIS/Hernia; Ventral, Inguinal, Unusual Hernias	Ballroom C
1:30 PM - 5:00 PM Workshop: The SMART Way to Implement and Track Success in Enhanced Recovery Programs	Room 312
1:30 PM - 3:10 PM       Panel: The Future is Now - How Technology is Changing Surgery       Figure 100 PM	Ballroom A
1:30 PM - 3:10 PM       Panel: What Every Surgeon Should Know about Reflux in the Bariatric Patient       E	Ballroom B
3:10 PM - 4:50 PM Panel: Everything you Need to Know about Barrett's Esophagus	Ballroom B
3:10 PM - 4:50 PM Panel: Tools for the Surgical Educator "Coaching the Teachers"	Ballroom A
3:10 PM - 4:50 PM Session: OR Team - A 360 Approach to Hernia Surgery, or How My Patient Had the Perfect Hernia Experience	Auditorium
5:00 PM - 5:45 PM       Opening Session & SAGES History Film (non-CME)       A	Auditorium
5:45 PM - 7:30 PM Exhibit Hall Welcome Reception	Exhibit Hall C

SAGES 2016 Surgical Spring Week

To fully comply with ACCME regulations, all SAGES Meeting attendees must have their badge before entering any course or session room in order to receive CME credit for that event.

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		Si	lver		
	Boston Scientific	Gore & Associate	es Mede	ri Therapeutics	Teleflex

#### 7:30AM - 12:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

## Postgraduate Course: Common Bile Duct Stones -**BALLROOM B** Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile **Duct Exploration (LCBDE)**

## Chair: Nathaniel Soper, MD | Co-Chair: Fernando Santos, MD

#### **SESSION DESCRIPTION**

The management of choledocholithiasis remains a problem inherent to the modern practice of cholecystectomy. The modern surgeon must remain knowledgeable and facile in the diagnostic and therapeutic techniques required for the management of choledocholithiasis, and develop an approach that does not merely relegate the care of these patients to other consultants. This session will allow participants to evaluate the effectiveness of diagnostic and therapeutic techniques in the management of choledocholithiasis, and to develop an approach to patients with these problems that incorporates evidence-based recommendations, technical advice from experts, and resources available at the individual's institution.

## SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- Describe the benefits and effectiveness of routine imaging use (cholangiogram or ultrasound) to evaluate the biliary tree and reduce the rate of bile duct injuries and retained stones during laparoscopic cholecystectomy
- Describe the technique of intraoperative cholangiography and ultrasonography, and identify technical pearls and pitfalls of each technique
- Develop a management strategy for suspected or confirmed choledocholithiasis that incorporates LCBDE, taking into account skill level and local resources
- Describe techniques of LCBDE and identify typical equipment needs for the procedures
- Discuss the role of open bile duct exploration in the modern management of choledocholithiasis and describe the key steps of the technique
- · Discuss the role of adjuncts to bile duct exploration, such as biliary stent placement, for the management of patients with choledocholithiasis

ACTIVITY OUTLINE		
Time	Presentation Title	Invited Faculty
7:30AM	Intraoperative Evaluation of the Common Bile Duct – Ultrasound tips, tricks, results	Nathaniel Soper, MD
7:45AM	Intraoperative Evaluation of the Common Bile Duct – Cholangiogram tips, tricks, results	Edward Phillips, MD
8:00AM	Intraoperative Cholangiography – Routine Versus Selective and the Importance of Interpretation	George Berci, MD
8:15AM	Q&A	Panel
8:30AM	Break	
8:40AM	Common Bile Duct Stones – Management Options, Selection Criteria, Single-Stage Versus Two- Stage, and When ERCP Is Preferred	Leslie Nathanson, MD
9:00AM	Endoscopic Management of Choledocholithiasis (role of EUS, appropriate indications for ERCP, techniques, and implications of ERCP-related infections)	Melissa Phillips LaPinska, MD
9:20AM	Laparoscopic Trans-Cystic Exploration – Tips, Tricks, Results	Joseph Petelin, MD
9:40AM	Laparoscopic Trans-Choledochal Exploration – Tips, Tricks, Results	Morris Franklin, Jr., MD
10:00AM	Q&A	Pane
10:15AM	Break	
10:25AM	Open Common Bile Duct Exploration – Tips, Tricks, Results	David Rattner, MD
10:45AM	Adjuncts to common Bile Duct Exploration - Biliary Stents or Ampullary Dilation	Benjamin Poulose, MD, MPH
11:00AM	Routine single-Stage Management of Choledocholithiasis - From Idea to Institutional Reality	Ahmad Mirza, MD
11:15AM	Reclaiming Our Surgical Heritage: Teaching the Next Generation of Surgeons the Art of Bile Duct Exploration.	Eric Hungness, MD
11:35AM	Questions for the Panel	All Speakers

**LEARNING THEMES** 

#### **GUIDELINES:**

Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery

NATIONAL PRIORITIES

HPB HPB

7:30AM - 12:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

# **Postgraduate Course: Getting Behind Advances** in Colorectal Surgery

**BALLROOM A** 

SAGES 2016 Surgical Spring We

ek

# Chair: Patricia Sylla, MD | Co-Chair: Peter Marcello, MD

#### **SESSION DESCRIPTION**

This course will present a comprehensive overview of recent advances in the minimally invasive management of common colorectal diseases, including innovations in endoscopic and transanal approaches. Through didactic lectures, video-based presentations and panel discussions with audience participation, attendees will learn to select and apply optimal strategies to manage benign and malignant colorectal conditions, based on the latest available evidence and expert opinion. This course is designed for any practicing surgeon who incorporates colon and rectal surgery into his or her practice.

### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Appraise the techniques, prerequisite skills and learning curve required to perform EMR and ESD for colorectal lesions
- · Implement strategies to improve outcomes of rectal cancer surgery
- Appropriately select patients who are candidates for TEM/TEO/TAMIS for benign and malignant lesions

## **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
7:30AM	Welcome, Introduction and Course Objectives	Patricia Sylla, MD
Part A: Advances in Endoscopic Techniques		
7:35AM	Endoscopic imaging for Colorectal Dysplasia: Anything Relevant to My General Practice?	Jonathan Cohen, MD
7:50AM	From EMR to ESD: How Do I Get There?	Stavros Stavropoulos, MD
8:05AM	Endolumenal Full-thickness Resection: Ready for Prime Time?	Sergey Kantsevoy, MD
8:20AM	Endolaparoscopy: Is it a Bridge to ESD?	Sang Won Lee, MD
8:35AM	Video spotlight: ESD Technique and Troubleshooting	Dae Kyung Sohn, MD
8:45AM	Panel Discussion	
Part B: Adva	nces in Transanal Approaches	
9:05AM	TAMIS/TEO/TEM for Benign Disease: Submucosal Dissection and Beyond	Teresa DeBeche-Adams, MD
9:20AM	TEM/TEO/TAMIS for Rectal Cancer: Indications, Techniques and Results?	Mark Whiteford, MD
9:35AM	Transanal Endoscopic Solutions to Colorectal Complications	Giovanni Dapri, MD PhD
9:50AM	Transanal TME: Changing the Landscape of Rectal Cancer	Antonio Lacy, MD
10:05AM	Video spotlight: Hybrid Transanal Colorectal Resection	Karl Hermann Fuchs, MD
10:15AM	Panel Discussion	
Part C: Adva	nced MIS techniques and Outcomes	
10:35AM	MIS Techniques for Complicated Diverticulitis	Morris Franklin, Jr., MD
10:50AM	Early ROLARR Results: Implications for MIS Rectal Cancer Surgery	Alessio Pigazzi, MD
11:05AM	Ischemic Low Colorectal Anastomosis: Strategies for Prevention and Management	Elisabeth McLemore, MD
11:20AM	Colorectal Anastomotic Leaks: What Bugs You?	John Alverdy, MD
11:35AM	Video Spotlight: Laparoscopic Right Colectomy with Intracorporeal Anastomosis	Barry Salky, MD
11:45AM	Panel Discussion	

**LEARNING THEMES** 

#### **GUIDELINES:**

- C Colorectal

- A Consensus Document on Robotic Surgery
- **FE** Flex Endo
- NS New technologies/Skill acquisition
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer
- Guidelines for Laparoscopic Ventral Hernia Repair
  - Guidelines For Office Endoscopic Services
  - Position Statement on Advanced Laparoscopic Training

NATIONAL PRIORITIES

23

#### 7:30AM - 12:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

# Postgraduate Course: SAGES SMART - Incorporating the Latest ROOM 302 in Enhanced Recovery into your Gastrointestinal Surgery Program Chair: Rajesh Aggarwal, MBBS MA PhD | Co-Chair: Carmen Mueller, MD

#### **SESSION DESCRIPTION**

The use of state-of-the-art minimally invasive techniques in gastrointestinal surgery is becoming increasingly widespread. Peri-operatively, however, barriers remain to implementing enhanced recovery pathways that facilitate patients' speedy return to normal function. SAGES SMART Enhanced Recovery Program aims to address these barriers to help peri-operative patient care providers from all health care disciplines have the latest knowledge and know-how to implement the latest enhanced recovery pathways for their patients.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Describe the benefits of employing enhanced recovery pathways for gastrointestinal surgery
- · Identify potential barriers to ERP implementation and develop strategies to overcome these barriers
- Understand the role of individual team members in ERP implementation
- Identify methods to enhance team collaboration to increase ERP uptake at one's home institution

#### **ACTIVITY OUTLINE**

## **LEARNING THEMES**

- B Bariatrics C Colorectal
- FOR Foregut
- **PE** Professional/Economic
- HPB HPB
- SO Solid Organ

# NATIONAL PRIORITIES 📳 👪 🕥 🐯 🌎

SAGES acknowledges educational grants in support of this course from Applied Medical, Edwards Lifesciences, Merck, Medtronic, Stryker Endoscopy

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7:30AM - 12:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

# Symposium: International Hernia Symposium

AUDITORIUM

## Chair: Archana Ramaswamy, MD | Co-Chair: John Scott Roth, MD

## **SESSION DESCRIPTION**

Social Media Platforms are becoming a new venue for sharing and discussing surgical techniques, diagnostic dilemmas and published literature. This session will focus on common topics discussed in a private Facebook hernia group and is intended for surgeons who perform inguinal and ventral hernia repair.

## **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Identify which method of inguinal hernia repair is most appropriate for each patient
- Choose appropriate patients for abdominal wall reconstruction
- Differentiate between mesh materials to select the appropriate product

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
7:30AM	Introduction	Archana Ramaswamy, MD
	Inguinal	
7:35AM	TEP Is the Best	Yaakov Ulano, MD
7:45AM	TAPP Is Way Better	Eric Pauli, MD
7:55AM	Robotic TAPP – What We Should All Be Doing?	Elizabeth Colsen, MD
8:05AM	eTEP – What's That? Did I Buy a Vowel?	Jorge Daes, MD
8:15AM	Defect Closure in Direct Hernias – Are There Any Benefits?	Omar Yusef Kudsi, MD
8:25AM	Defect Closure in Direct Hernias – Really? Tension Free Is the Best	David Chen, MD
8:35AM	Panel Q&A	
	Ventral	
8:50AM	Risk Factor Modification preoperatively – If I'm Working Hard, You Need to as Well	Jacob Greenberg, MD
9:00AM	Defect Closure – A Must for Ventral Hernia Repair	Mercedeh Baghai, MD
9:10AM	Traditional Lap Ventral Hernia Repair – It Works, Change Isn't Always Good	James Bittner, MD
9:20AM	Robotic Ventral Hernia Repair – Finally, a True MIS Rives Stoppa	Conrad Ballecer, MD
9:30AM	Forget All That – The Onlay Has Returned	Guy Voeller, MD
9:40AM	Abdominal Wall Reconstruction – Do it the Right Way – Open	Ajita Prabhu, MD
9:55AM	Abdominal Wall Reconstruction – Save Your Back and Shoulders – Robotic Is the Way	Alfredo Carbonell, MD
10:05AM	Ventral Hernia Repair Outcomes – Are We that Good, or that Bad?	William Hope, MD
10:15AM	Panel Q&A	Moderator: Antonio Bispo, MD
10:25AM	Break	
	Mesh, Money and Social Media	
10:40AM	Synthetic Mesh for Everyone – One Size Fits All, All Levels of Contamination Are Fine	Yuri Novitsky, MD
10:50AM	The Real Cost of Hernia Mesh Complications - Biologic Mesh Still Has a Role in Complex Patients	Hari Kumar Ondiveeran, MD
11:00AM	The Robot in Hernia Repair – Another Fad, and way too Expensive	Andrew Wright, MD
11:10AM	The Robot in Hernia Repair – It's Here to Stay, and We Can Do It Cost Effectively	Daniel Marcus, MD
11:20AM	Social Media Platforms for Hernia Surgery Advancement – It's The Future (and the Present)	Aurora D. Pryor, MD
11:30AM	Social Media Platforms for Hernia Surgery Advancement – It's a Fad, Let's Get Back to Real Outcomes Based Surgery	Ed Felix, MD
11:40AM	Panel Q&A	

### **LEARNING THEMES**

**GUIDELINES:** 

HR Hernia PE Professional/Economic Guidelines for Laparoscopic Ventral Hernia Repair

HPB HPB

\*Included in Registration SuperPass (Option A) or Registration Option B

# SS01: All Video All the Time Scientific Session -Bariatrics/Mixed MIS

**BALLROOM C** 

## 7:30AM - 9:45AM SS01-A

#### Moderator: Timothy M. Farrell, MD | Co-Moderator: Nicole M. Fearing, MD

V001 LAPAROSCOPIC RESECTION OF A POST ROUX-EN-Y GASTROGASTRIC FISTULA Kelly R Haisley, MD, Samer Mattar, MD, Gene Bakis, MD, Laura Fischer, MD; Oregon Health and Science University

- V002 LAPAROSCOPIC ROUX-EN-Y MUCOSAL PATCH FOR SLEEVE LEAK <u>Subhash Reddy, MBBS</u>, Pearl Ma, MD, Daniel Swartz, MD, Keith Boone, MD, Kelvin Higa, MD; UCSF
- V003 REVISIONAL LAPAROSCOPIC SLEEVE GASTRECTOMY AFTER PRIMARY OBESITY SURGERY ENDOLUMENAL (POSE) Salman K. Alsabah, MD, MBA, FRCSC, FACS, Ahmed Almulla, MD, FACS; Royale Hayat Hospital, Kuwait
- V004 LAPAROSCOPIC REPAIR OF RECURRENT TYPE 4 HIATAL HERNIA AFTER ROUX-EN-Y GASTRIC BYPASS. <u>Mohammad Alsulaimy</u>, <u>MD</u>, Ali Aminian, MD, FACS, Philip Schauer, MD, FACS; Cleveland Clinic Foundation
- V005 POST-GASTRIC BYPASS INTERNAL HERNIA THROUGH PETERSEN DEFECT WITH ROUX LIMB VOLVULUS AND CHYLOPERITONEUM: LAPAROSCOPIC MANAGEMENT Vanessa W Hui, MD<sup>1</sup>, Ajay Chopra, MD<sup>2</sup>; <sup>1</sup>Montefiore Medical Center, <sup>2</sup>Jacobi Medical Center
- V006 SUPERIOR MESENTERIC ARTERY SYNDROME FOLLOWING GASTRIC BYPASS Luke Kinsinger, MD, Isaac Samuel, MD, Jessica Smith, MD, Peter Nau, MD, MS; University of Iowa
- V007 CONCURRENT LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS WITH PARESOPHAGEAL HIATAL HERNIA REPAIR Agustin Duro, MD, Fernando G Wright, MD, Maria M Pardo, MD, Santiago Lenzi, MD, Pablo J Castellaro, MD, Juan R Medici, MD, Axel F Beskow, MD, Demetrio Cavadas, MD, PhD; Hospital Italiano de Buenos Aires
- V008 CONCOMITANT BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH AND HIATAL HERNIA REPAIR: TOTALLY ROBOTIC TECHNIQUE Alfredo D Guerron, MD, Shaina Eckhouse, MD, Nova Szoka, MD, Dana Portenier, MD, Chan Park, MD, Jin Yoo, MD, Keri Seymour, MD, Ranjan Sudan, MD; Department of Surgery, Duke University Health System
- V009 LAPAROSCOPIC GASTRIC SEROMYOTOMY AND CONVERSION TO ROUX-EN-Y GASTRIC BYPASS FOR MANAGEMENT OF PROXIMAL STRICTURE AFTER VERTICAL SLEEVE GASTRECTOMY Ashish Padnani, MD<sup>1</sup>, John Harvey, MD<sup>1</sup>, Darshak Shah, MD<sup>2</sup>; <sup>1</sup>Mount Sinai St. Luke's Hospital, <sup>2</sup>Mount Sinai Hospital
- V010 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS REVERSAL Amir H Aryaie, MD, Leena Khaitan, MD; University Hospitals Case Medical Center/ Case Western Reserve University
- V011 SLEEVE GASTRECTOMY INCISURA STRICTURES: AN AVOIDABLE CATASTROPHE Ran B Luo, MD, Shanglei Liu, MD, Jonathan C DeLong, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Bryan J Sandler, MD, FACS, Garth R Jacobsen, MD, FACS, Santiago Horgan, MD, FACS; University of California, San Diego

## 9:45AM-12PM **SS01-B**

#### Moderator: Edward D. Auyang, MD, MS | Co-Moderator: Linda P. Zhang, MD

- V012 TRANSJEJUNAL INTRAGASTRIC RESECTION OF A TUMOR AT THE GASTROESOPHAGEAL JUNCTION IN A PATIENT WITH A PREVIOUS ROUX-EN-Y GASTRIC BYPASS <u>Shaina R Eckhouse, MD</u>, Alfredo D Guerron, MD, Nova Szoka, MD, Keri Seymour, DO, Chan W Park, MD, Jin Yoo, MD, Ranjan Sudan, MD, Dana D Portenier, MD; Duke Universtiy
- V013 TRIPLE MODALITY ENDOLUMINAL MANAGEMENT FOR COMPLEX GASTROGASTRIC FISTULA AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS James Villamere, MD, Gautam Sharma, MD, John Rodriguez, MD, Kroh Matthew, MD; Cleveland Clinic Foundation
- V014 MINIMALLY INVASIVE MANAGEMENT OF GASTRO-GASTRIC FISTULA WITH ERODING MESH FOLLOWING ROUX-EN-Y GASTRIC BYPASS Jeremy M Linson, MD, Abubaker Ali, MD, Michael Latzko, MD, Ziad Awad, MD, FACS, Bestoun Ahmed, MD, FRCS, FACS; University of Florida College of Medicine Jacksonville
- V015 REVISION OF GASTRIC BYPASS FOR GERD, HIATAL HERNIA, & WEIGHT REGAIN: A STANDARDIZED TECHNIQUE Edward Chau, MD, Kulmeet Sandhu, MD, Nikolai Bildzukewicz, MD, Kamran Samakar, MD, Peter Crookes, MD, John Lipham, MD, Namir Katkhouda, MD; Keck Medical Center of USC
- V016 HYBRID TRANSGASTRIC RENDEZVOUS TECHNIQUE FOR COMMON BILE DUCT STONES AFTER GASTRIC BYPASS: A COMBINED LAPAROSCOPIC AND ENDOSCOPIC APPRACH <u>Stylianos Tzedakis, MD</u>, Marius Nedelcu, Silvana Perretta, Michel Delvaux, Didier Mutter, Patrick Pessaux; Nouvel Hopital Civil
- V017 LAPAROSCOPIC SLEEVE GASTRECTOMY AS A REVISION FOR A FAILED LAPAROSCOPIC GASTRIC PLICATION Wadha Alyaqout<sup>1</sup>, Khalid Alsharaf, MD<sup>2</sup>, Mohammad Jamal, MD<sup>2</sup>; <sup>1</sup>Amiri Hospital, <sup>2</sup>Mubarak Alkabeer Hospital
- V018 COILED SLEEVE: CONVERSION TO ROUX -EN- Y GASTRIC BYPASS Pablo Quadri, MD, Raquel Gonzalez-Heredia, MD, PhD, Yves Collins, MD, Lisa Sanchez-Johnsen, PhD, Enrique Elli, MD, FACS; UIC
- V019 ROBOTIC-ASSISTED RECURRENT HIATAL HERNIA REPAIR, TAKEDOWN OF NISSEN FUNDOPLICATION AND CONVERSION TO ROUX-EN Y GASTRIC BYPASS Federico Serrot, MD<sup>1</sup>, Julia Samame, MD<sup>1</sup>, Matthew Apel, MD<sup>1</sup>, Hannah Loebl, MS<sup>2</sup>, Iman Ghaderi, MD<sup>1</sup>, Carlos Galvani, MD<sup>1</sup>; <sup>1</sup>Banner University Medical Center, <sup>2</sup>University Of Arizona, College of Medicine
- V020 MANAGEMENT OF REFRACTORY GERD AFTER SLEEVE GASTRECTOMY: ROBOT-ASSISTED CONVERSION TO BYPASS Raquel Gonzalez-Heredia, Md, PhD, Pablo Quadri, Mario Masrur, MD, Lisa Sanchez-Johnsen, PhD, Enrique Elli, MD, FACS; UIC
- **V021 GASTRO-GASTRIC FISTULA AFTER GASTRIC BYPASS LAPAROSCOPIC APPROACH** Maria Veronica Gorodner, MD<sup>1</sup>, Gaston Clemente<sup>1</sup>, Alberto Gallo, MD<sup>2</sup>, Alejandro Grigaites, MD<sup>1</sup>; <sup>1</sup>Programa Unidades Bariatricas, Argentina, <sup>2</sup>Baptist Health East Hospital, Louisville

12:00PM - 1:30PM

## \*Separate Fee Applies

(Non-CME Activity)

**ROOM 304** 

# The 10<sup>th</sup> Annual SAGES Foundation Awards Luncheon

#### SAGES does not offer CME for this event

This annual ticketed event celebrates and honors distinguished leaders in minimally invasive surgery. Proceeds benefit the SAGES Foundation and its mission to advance endoscopic, laparoscopic and emerging minimal access surgical methods and patient care. The 2016 Awards Luncheon features awards and research grants presented to outstanding surgeons and educators for their work in minimally invasive surgery and raises funds to keep patient safety and surgical innovation in the forefront.

## Welcome and Introductions – Desmond Birkett, MD

#### SAGES Foundation - Gerald Marks Rectal Cancer Award Presented by: Desmond Birkett, MD, SAGES Foundation President

### Recipient: James L. Alexander, MA, MRCP

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The Gerald Marks Rectal Cancer Award is selected from each year's submitted abstracts. This award is chosen by a special committee of reviewers from the hundreds of abstracts submitted and given to one individual each year in honor of Dr. Gerald Marks, SAGES first President and Founder.

Abstract Title: A NOVEL METHODOLOGY FOR IN VIVO ENDOSCOPIC PHENOTYPING OF COLORECTAL CANCER BASED ON REAL TIME ANALYSIS OF THE MUCOSAL LIPIDOME: A PROSPECTIVE OBSERVATIONAL STUDY OF THE IKNIFE

**Dr. Alexander** is Gastroenterologist and Clinical Research Fellow at the Imperial College London & The Royal Marsden in London, UK. He is currently undertaking his PhD studies investigating the role of the gut microbiota in colorectal cancer. Under the supervision of Professor Julian Teare, Dr James Kinross and Professor Zoltan Takats, Dr. Alexander is also developing the iKnife for endoscopic application. Also known as Rapid Evaporative Ionisation Mass Spectrometry (REIMS), this technology uses intra-operative mass spectrometry to provide real-time information about tumour biology and phenotype.

## **2016 International Best Paper Award**

#### Presented by: Horacio Asbun, MD, SAGES Global Affairs Committee Chair

SAGES Board of Governor's and the SAGES Global Affairs Committee would like to acknowledge the following Top International Abstract Presenters:

Name: Takeaki Ishizawa, MD, PhD Institution: Cancer Institute Hospital, Japanese Foundation For Cancer Research Abstract: Laparoscopic Hepatectomy Utilizing Fluorescence Imaging For Identification Of Hepatic Tumors And Perfusion Country: Japan Name: J. L. Alexander, MD Institution: Imperial College London, Royal Marsden Hospital Abstract: A Novel Methodology For In Vivo Endoscopic Phenotyping Of Colorectal Cancer Based On Real Time Analysis Of The Mucosal Lipidome: A Prospective Observational Study Of The Iknife Country: United Kingdom Name: Nicolò Pecorelli, MD Institution: Steinberg-Bernstein Centre For Minimally Invasive Surgery And Innovation, Mcgill University Health Centre Abstract: Impact Of Adherence To Care Pathway Interventions On Recovery Following Bowel Resection Within An Established Enhanced Recovery Program Country: Canada Name: Saurabh S. Gandhi, MS Institution: Grant Government Medical College & Sir J. J. Group Of Hospitals, Mumbai, India Abstract: Combined Laparoscopic & Thoracoscopic Approach For Tension Gastrothorax & Gastric Volvulus With Bochdalek Hernia In An Adult Country: India Name: Maria Veronica Gorodner, MD Institution: Programa Unidades Bariatricas, Argentina Abstract: Barrett's Esophagus After Roux-En-Y Gastric Bypass: Does Regression Occur? **Country:** Argentina

# **SAGES Goes Green!**

In our continuing effort to support the environment, you will see less paper at the SAGES 2016 Annual Meeting. This Final Program includes regular schedule and course/panel outlines only. Electronic copies of all the abstracts and digital posters are available on-line for all attendees and in the SAGES 2016 Meeting App.

Go to sages2016.org for more information.

#### SAGES IRCAD Fellowship Award Presented by: David Rattner, MD, Awards Committee Chair

## Recipient: Paul Colavita, MD IRCAD is a private institute, dedicated to

IRCAD is a private institute, dedicated to the valorization of basic research against cancer and development of less invasive surgical techniques. Since its creation in 1994, IRCAD has gained world renowned fame as a leading research and education institute.

**Dr. Colavita** completed General Surgery Residency at Carolinas Medical Center in Charlotte, NC in 2015. He is currently a Foregut/ MIS Fellow at the Providence Portland Medical Center in Portland, OR. He has a strong interest in minimally invasive and foregut surgery, currently focusing on esophageal pathophysiology and clinical outcomes. Dr. Colavita also has a strong interest in endoscopic surgery, particularly NOTES<sup>®</sup>; in his fellowship, he is currently being trained in peroral endoscopic myotomy. He is looking forward to the opportunity to learn from international experts at IRCAD, in both laparoscopic and endoscopic surgery.

Dr. Colavita believes that the travelling fellowship award is a priceless opportunity to increase his clinical knowledge and skills, as well as conduct research in a state of the art facility known for surgical innovation, truly setting the tone for the career he hopes to embark upon in both patient care and academia.

SAGES gratefully acknowledges support by Karl Storz Endoscopy.

# SAGES Brandeis Award Presented by: David Rattner, MD, Awards Committee Chair

## Recipients: Ann Rogers, MD and Pascal Fuchshuber, MD

The "Executive Leadership Program in Health Policy and Management" at the Heller School for Social Policy and Management at Brandeis University trains clinical leaders in health care policy and management. It aims to provide health care professionals with the skills essential to creating innovative and sustainable solutions to improve the quality, cost-effectiveness, and efficiency of health care service delivery. The purpose of sponsoring attendance to this intensive one-week course scholarship is to promote individuals as leaders in medicine.



**Dr. Rogers** is Professor of Surgery and Director of the Penn State Surgical Weight Loss Program. Her areas of research include clinical outcomes, revisional surgery, rodent models of bariatric surgery, and changes in the reward center of the brain after metabolic surgery. She is active on the national and international level in several surgical societies and has also been involved in the political arena, focusing on access to care in bariatric surgery. She has an advanced understanding of the Affordable Care Act, its benefits and its deficiencies. Dr. Rogers is eager to obtain further education in healthcare policy and management in order to apply it not only in her practice, but as a surgical leader in her institution and nationally.



**Dr. Fuchshuber** is a physician with The Permanente Medical Group and Associate Professor of Surgery at the University of California San Francisco - East Bay. In addition to his general surgery and surgical oncology practice, he has worked extensively on the safety of surgical care for patients. Dr. Fuchshuber is a co-leader of the Permanente Medical Groups Interregional ACS NSQIP collaborative including 21 Northern California Kaiser Medical Centers. He is an active member of several committees of the ACS, AHPBA and IASGO and in SAGES he currently serves as the co-chair of the FUSE committee, and is also a member of Quality, Outcomes and Safety committee, Safety in Chole Task Force, and the SMART Task Force. Attending Brandeis, he is looking forward to advance his ability to participate in a meaningful and constructive way to formulate and execute SAGES initiatives regarding the urgent need to respond to the changing healthcare environment.

SAGES gratefully acknowledges support by SAGES Foundation for one Brandeis Scholarship.

# FES, FLS, and FUSE Testing Available!

Wednesday, March 16 – Saturday, March 19, 2016 For more details or to schedule your test: Fundamentals of Endoscopic Surgery™ www.fesprogram.org Fundamentals of Laparoscopic Surgery™ www.flsprogram.org Fundamental Use of Surgical Energy™ www.fuseprogram.org



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NP02445-01B

	6 Research Grant Awards David Urbach, MD, Research Committee Chair with Representatives from Supporting Companies
	Ali Aminian, MD
Institution:	Cleveland Clinic
Title:	An Experimental Study of Bariatric Surgery in Type 1 Diabetess
	Supported by SAGES Education and Research Foundation
<b>Recipient:</b>	Richard Garfinkle, MD
	Mc Gill University
Title:	Does Bowel Stimulation Before Loop Ileostomy Closure Reduce Postoperative Ileus? A Multicenter Randomized Controlled Trial
	Supported by SAGES Education and Research Foundation
<b>Recipient:</b>	Dana Telem, MD
Institution:	Stony Brook University Medical Center
Title:	Improving quality through development of novel readmission reduction strategies following minimally invasive surgery
	Supported by Karl Storz
<b>Recipient:</b>	Yuri Novitsky, MD
Institution:	UH Case Medical Center
Title:	Comparison of traditional anterior component separation versus posterior component separation and transversus abdominis release in a cadaveric model
	Supported by SAGES Education and Research Foundation
<b>Recipient:</b>	Vance Albaugh, MD, PhD
Institution:	Vanderbilt University Medical Center
Title:	Role of Bile Acids and Bile Diversion in the Acute Metabolic Improvements following Gastric Bypass
	Supported by SAGES
Fundamenta	ls of Endoscopic Surgery™ Research Grants:
<b>Recipient:</b>	Eric Pauli, MD
Institution:	Penn State University, College of Medicine
Title:	Role of Bile Acids and Bile Diversion in the Acute Metabolic Improvements following Gastric Bypass
	Supported by SAGES Education and Research Foundation
SAGES SMAR	T™ Enhanced Recovery Grant:
	Cornelius Thiels, DO, MBA
Institution:	
Title:	Patient Reported Measures of Surgical Recovery
	Supported by SAGES Education and Research Foundation & SAGES
	l Use of Surgical Energy™ Grants: Maria Altieri, MD
Institution:	Stony Brook University
Title:	Educational Value of Telementoring for a Simulation-Based Fundamental Use of Surgical Energy™ (FUSE) Curriculum: A Randomized-Controlled Trial in Surgical Trainees
	Supported by SAGES
<b>Recipient:</b>	Douglas Overbey, MD
Institution:	University of Colorado
Title:	Safety of Surgical Energy in the Robotic System
	Supported by SAGES Education and Research Foundation

## **Career Development Award**



Recipient: Oliver Varban, MD Institution: University of Michigan Taubman Center

Title: Evaluating Technical Quality of Laparoscopic Sleeve Gastrectomy Using Video Based Analysis and a State-Wide Data Registry

This award is supported by the SAGES Education and Research Foundation

### SAGES Researcher in Training Award Presented by: David Urbach, MD, Research Committee Chair



## Recipient: Rebeccah B. Baucom, MD

This award is designated for a member of SAGES who is currently a resident or fellow and who shows great promise for a career in academic Gl/endoscopic practice or potential for significant contributions to the advancement of minimally invasive or endoscopic surgery.

**Dr. Baucom** is a senior surgical resident at Vanderbilt University Medical Center, and she intends to pursue a fellowship in Colon and Rectal Surgery. Her research interests include health services and outcomes research, and her focus has primarily been in the area of ventral and incisional hernias. She received a SAGES Research Grant in 2014 for her research in the area of choledocholithiasis management trends in the United States.

# SAGES Young Researcher Award

Presented by: David Urbach, MD, Research Committee Chair



## Recipient: Dana Alexa Telem, MD

This award is designated for a young member of SAGES who is within five years of completion of residency or fellowship training, but not currently in a residency or fellowship program. The winner must demonstrate significant clinical and/or basic science research, publication or presentation at national meetings, and dedication to an academic career.

**Dr. Telem** is an Assistant Professor of Surgery at Stony Brook University Medical Center. She also holds appointments in the Department of Biomedical Informatics and Program in Public Health and serves as the director of the multi disciplinary surgical outcomes collaborative at Stony Brook. Her scope of practice includes bariatrics, foregut and hernia surgery. Dr. Telem is an avid researcher in both surgical outcomes and translational medicine. She is the recipient of both the SAGES Researcher in Training

Award (2012) and Career Development Award (2014). Her current research focus is in health resource utilization, adoption and innovation of new technology and the definition of "quality" in the new healthcare paradigm of value based medicine.

## SAGES Foundation - Margrét Oddsdóttir Award Presented by: Desmond Birkett, MD, SAGES Foundation President



#### Recipient: Kristen Elstner, MD

The Oddsdóttir Traveling Fellowship memorializes an international leader in laparoscopic surgery and a beloved member of the SAGES family. Dr. Margrét Oddsdóttir was born and grew up in a fishing village on the northwest coast of Iceland. She completed fellowship in laparoscopic surgery at Emory University with Dr. John Hunter, was the first advanced laparoscopic surgeon in Iceland, and was instrumental in developing the field of minimally invasive surgery in Nordic countries. Margrét attended SAGES every year, accompanied by as many as 3-10 nurses, residents, medical students and colleagues from Revkjavik.

**Dr. Elstner** is a general surgery registrar from Sydney, Australia. She completed her MBBS degree at the University of Sydney, and is currently a Master of Surgery candidate (Surgical Oncology), due for completion early 2016. She has been a previous Special Lecturer on Burns Surgery with the University of New South Wales School of Medicine, and a Conjoint Associate Lecturer with the University of Western Sydney School of Medicine. Her interests are focused on colorectal, hernia and breast surgery. She is an active team member at Hernia Institute Australia, which focuses on minimally invasive management of complex ventral hernia.

## SAGES Foundation - Excellence in Medical Leadership Award Presented by: Desmond Birkett, MD, SAGES Foundation President & Representatives from Gore



## Recipient: Daniel J. Scott, MD

This award, generously funded through an unrestricted educational grant from W.L. Gore and Associates, is designated for a surgeon who is within five years of completion of training and no more than 15 years into their career. Its purpose is to optimize one's impact in the medical field so they can deliver sustainable results driven by their capabilities. The scholarship will enable the recipient to attend a five-day program in leadership at a major business school.

**Dr. Scott** studied Biomedical Engineering on a full tuition scholarship before completing medical school at Louisiana State University School of Medicine, where he graduated as a member of the Alpha Omega Alpha Honor Society. He pursued residency training in General Surgery and completed a 2-year fellowship in Advanced Laparoscopic Surgery at the University of Texas

Southwestern Medical Center. Following completion of his training in 2002, he served as faculty at Tulane University School of Medicine for 3 years and established the school's first center focusing on laparoscopic surgery, which included a state-of-the-art Simulation and Training Laboratory, a Laparoscopic Fellowship Program, a multi-disciplinary Bariatric Surgery Program, and a Robotic Surgery Program. Currently, Dr. Scott is an Associate Professor of Surgery, Director of the Advanced Laparoscopic Fellowship Program, and Director of the UT Southwestern Center for Minimally Invasive Surgery in Dallas, TX. Dr. Scott chairs the Department of Surgery Technical Skills Committee and is actively involved with skills training using simulation.

Dr. Scott's interests focus on emerging surgical techniques and technologies, as well as simulation-based surgical education. He has authored 99 publications, including books, monographs, chapters, manuscripts, and videos, all focusing on various areas of minimally invasive and gastrointestinal surgery, including novel surgical devices, Single Incision Laparoscopic Surgery (SILS), Natural Orifice Translumenal Endoscopic Surgery (NOTES®), Bariatrics, GERD, Achalasia, Hernia, Robotics, and Surgical Education (skills training). He is serving as a board/executive committee member of SAGES and has been very involved with several other organizations, the Society for Surgery of the Alimentary Tract (SSAT), the Fellowship Council (FC), the Association for Academic Surgery (AAS), the Association for Surgical Education (ASE) Foundation, the ACS' The Accredited Education Institutes (AEI) Consortium, the American Society for Bariatric and Metabolic Surgery (ASBMS) and the Society of University Surgeons (SUS).

SAGES Foundation gratefully acknowledges support by W.L. Gore and Associates.

### SAGES Foundation – Jeffrey L. Ponsky Master Educator in Endoscopy Award Presented by: Desmond Birkett, MD, SAGES Foundation President



### Recipient: Jeffrey M. Marks, MD

**Dr. Marks** completed his surgical training at Mt. Sinai Medical Center in Cleveland, Ohio in 1992. Following a six month fellowship in advanced laparoscopy and endoscopy, he joined the faculty of the Department of Surgery at Mt. Sinai in Cleveland. Dr. Marks eventually joined the Department of Surgery at University Hospitals Case Medical Center in 2005. He is co-director of the Surgical Endoscopy Fellowship, Program Director for the Case General Surgery Program, and attained the rank of Professor in 2012. In addition to clinical practice in minimally invasive surgery and advanced therapeutic endoscopy, Dr. Marks runs an active animal lab researching numerous endoscopic techniques and providing endoscopic training courses for surgeons, gastroenterologists, and allied health care. Dr. Marks has participated in hundreds of courses for surgical residents and fellows throughout the country

and throughout the world. He has taught basic surgical endoscopy and flexible endoscopy to thousands of residents. He has also been an innovator in surgical endoscopic technique including NOTES<sup>®</sup> and POEM. In SAGES, he has served as course director for basic and advanced laparoendoscopic surgical courses, chaired numerous committees, been a Board member for twelve years, and over the past eight years, spearheaded the Fundamentals of Endoscopic Surgery program.

## **Arnold P. Gold Foundation –**

## SAGES Award for Clinical Excellence and Humanism in Medicine Presented by: David Rattner, MD, Awards Committee Chair



### Recipient: Adrian Park, MD

SAGES has once again teamed up with the Arnold P. Gold Foundation, honoring practicing physicians who best demonstrate the ideals of compassionate and respectful care for a patient's physical and emotional well-being. This award is designated for a clinician who is recognized by the surgical/GI community for excellence in patient care and surgical practice and is granted for significant surgical-endoscopic skills, patient care, contributions to community and volunteerism.

**Dr. Park** is the Chairman of the Department of Surgery and Director of the newly created Simulation and Innovation Center joined at the Anne Arundel Health System in Annapolis, Maryland. Dr. Park has made significant pioneering efforts in advancing the techniques of laparoscopic foregut surgery, incisional hernia repair, and abdominal solid organ removal. He is well-known by

his colleagues and patients for excellent and compassionate surgical care. The author of over 200 scientific articles and book chapters, he is internationally known as a leading authority in the field of minimally invasive surgery, "OR of the Future" technology and surgical education. Dr. Park is Chair of the Advisory Commission governing the Pan-African Academy of Christian Surgeons, an organization with an outstanding impact in training African surgeons. In addition to surgical mission trips for both operating and teaching, Dr. Park has been instrumental as a leader of PAACS to ensure the integrity, quality, and success of the surgeon trainees with the organization. Dr. Park has served the surgical community domestically and internationally by propagating innovative and safe surgical techniques, and he continues to be a leader in surgical education. He donates significant efforts in his personal time to expand the availability of sustainable, indigenous high-quality surgical care in countries that have desperate need for access to well-trained surgeons. He is a role model for many young surgeons for his dedication to benefit the surgical community, his caring for patients, and his commitment to volunteerism.

#### SAGES gratefully acknowledges support by The Arnold P. Gold Foundation.

#### SAGES International Ambassador Award Presented by: David Rattner, MD, Awards Committee Chair



## Recipient: Karl Hermann Fuchs, MD

This SAGES award was established in 2013 to help recognize SAGES international members who in an enduring way contribute to and support SAGES annual meeting, and/or support SAGES Mission Globally.

Prof. Dr. Fuchs is Medical Director and Chief of Department of Surgery in Frankfurt, Germany. A pioneer in NOTES<sup>®</sup>, Chairman of Euro-NOTES, as well as the Past-President of EAES. He is a leader in European community of MIS surgeons noted for his contributions in both foregut surgery as well as TEM and rectal cancer surgery. Dr. Fuchs travels extensively to teach globally and has been an active contributor to SAGES and NOSCAR. He has involved surgeons from all over the world in Euro-NOTES making this a truly global community. He is very dedicated to fostering a collaborative trans-atlantic partnership in many areas that are important to SAGES and is always a good partner and advocate for MIS surgeons and endoscopists around the world. Dr. Fuchs is a pioneer and world leader in many areas of minimally invasive surgery and surgical endoscopy.

# SAGES/AIG Flexible Endoscopy Fellowship

## Congratulations to our first winner!

In an ongoing effort to support flexible endoscopy training, SAGES, in partnership with the Asian Institute of Gastroenterology (AIG), is pleased to announce a traveling Therapeutic Endoscopy Fellowship and an ERCP/EUS Fellowship. This is a concentrated hands-on training program in gastrointestinal (GI) flexible endoscopy for practicing surgeons wishing to improve their ability to perform therapeutic procedures. These fellowships involve an intense didactic and hands on training before traveling to AIG in Hyderabad, India for a robust 12 day clinical hands-on training experience providing a large number of upper and lower endoscopic procedures. The advanced course is similar in design with extensive ERCP and EUS procedures.

## Please contact SAGES for fellowship application details.

This program is generously supported by Boston Scientific.

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#### SAGES Pioneer in Surgical Endoscopy Award Presented by: David Rattner, MD, Awards Committee Chair



#### Recipient: Dr. h. c. mult. Sybill Storz

This award is designated for a person in industry or a physician/surgeon and is granted for a significant, long-term scientific or technological contribution to the field of surgical endoscopy. The award is not given every year, but bestowed when the Board determines a worthy nominee. It is intended for those whose efforts have substantively changed and improved the field of endoscopy.

There are pioneers who develop new surgical instruments. There are pioneers who develop and disseminate entirely new medical systems. There are pioneers in humanity and philanthropy who care about quality medical care for the poor and underserved. Sybill Storz is a pioneer in ALL of those areas and in each, her work and that of Karl Storz Endoscopy has helped us do our work better, safer and more efficiently and in every corner of the earth. For this award, we focus on her pioneering work in humanity and

philanthropy. It has great meaning to SAGES that her father, Karl Storz, was the first winner of the Pioneer in Surgical Endoscopy award.

She is a partner in the United Nations Global Compact. What does that mean?

The Global Compact has helped to regularly research topics, document progress, and increase work in the following focus areas which have achieved sustainable progress:

- Improving health care by regularly supporting medical training and education programs
- Supporting educational initiatives for children and adolescents
- · Evaluating & carefully monitoring paper consumption, taking actions to reduce use of paper
- Analyzing fuel consumption and CO2 emissions
- · Sensitizing on issues of corruption and taking measures to ensure and promote anti-corruption efforts

Since 2005 Dr. Sybill Storz has supported a total of 595 projects with product donations, financial support or social sponsoring support. The support Dr. Storz provides has regional, national and international reach in various focus areas: medicine, education, sciences, society, culture, sports, emergency aid.

Recently, her family-held company donated endoscopic products for charitable medical missions taken place in the following regions and countries:

Africa (Urology), Bolivia (Bronchoscopy, Laparoscopy), Cameroon (ENT, Iaparoscopy), Dominican Republic (Laparoscopy), Ecuador (ENT), Ethiopia (ENT), Gabon (Anesthesia), Guyana (Urology), Honduras (ENT, Pediatric Neurosurgery, Laparoscopy), Kazakhstan (ENT), Kenya (Pediatric Surgery), Madagascar (Urology), Malawi (Gastroenterology), Mali (Anesthesia), Nicaragua (Gynecology), Peru (Gynecology), South America (ENT), Syria (ENT), Tanzania (Laparoscopy), Togo (Pediatric Bronchoscopy), Tunisia (ENT), Uganda (Bronchoscopy, Documentation), Ukraine (Surgery, ENT, Pediatric Urology, Laparoscopy), Zambia (Urology, ENT) Tuba City Hospital (USA) which is run by members of the Navajo Nation.

Ask any SAGES surgeons who volunteers his/her time in the developing world who is the person to call when you need support for an educational project. The answer will likely be "I call on Sybill Storz."

### SAGES Distinguished Service Award Presented by: Brian Dunkin, MD, SAGES President

#### Recipient: Steven D. Schwaitzberg, MD

This award is designated for an endoscopic surgeon who is a member of SAGES and is granted for a significant, long-term educational, research, clinical and/or technological contribution to the field of surgical endoscopy as well as to SAGES.

**Dr. Schwaitzberg** has devoted himself tirelessly for over 20 years to SAGES serving as chairman of 5 committees, heading the Learning Center and holding many of the offices that make up the executive committee culminating in his SAGES presidency in 2011. He embodies the energy, "can do spirit" and enthusiasm to take on challenges that is at the core of the SAGES culture. He is a key supporter of SAGES FUSE Program and dissemination of FLS Program. He was one of the first Chairman of the SAGES Technology committee and is in large part responsible for setting the tenor of this committee and helping its evolution into a

key SAGES committee. Dr. Schwaitzberg is a key leader in NOSCAR who raised funds and is co-PI for NOSCAR prospective randomized trial of lap vs NOTES® Cholecystectomy. He has also devoted countless hours to cementing SAGES relationship with major societies such as ASGE and ACS to find common ground and ways to work together in areas of mutual interest. He is an extremely effective leader of SAGES development/fundraising committee that helped SAGES have the resources to carry out some of the society's most important goals and projects. At this meeting, he is the Chair of the TEDxBeaconStreetSalon "Thriving over Surviving" program.

Dr. Schwaitzberg is the Professor and Chairman of the Department of Surgery at the University at Buffalo School of Medicine and Biomedical Sciences and former Chief of Surgery of the Cambridge Heath Alliance/Professor of Surgery at Harvard Medical School. He is the Multimedia Editor for *Surgical Endoscopy* and is also on the editorial boards of several other surgical journals. Dr Schwaitzberg is the recipient of several awards for patient care and a *Computerworld* Laureate award for introducing surgical video editing into post graduate education. He holds 2 patents and has written more than 120 articles, 12 books chapters and is currently editing 2 books. His funded research interests are in Minimally Invasive Surgery (MIS) with a particular focus on the value proposition of current and emerging surgical technology which includes training/simulation, surgical infection and outcomes.

The entire 2016 meeting has been designated for Self-Assessment CME Credit, applicable to Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program. In order to claim Self-Assessment credit, attendees must participate in a post meeting quiz.

#### SAGES George Berci Lifetime Achievement Award Presented by: Brian Dunkin, MD, SAGES President

### **Recipient: Alberto Montori, MD, FACS (HON), FASGE**

This award is the highest honor SAGES bestows to an endoscopic surgeon for a lifetime contribution as an innovator in the field of endoscopic surgery, which may be scientific, technological or educational. The award is not given every year, but bestowed when the Board determines a worthy nominee.

At every juncture in medical history there are those who embrace change and those who reject it. Those who show courage and those who step back in the shadows. Alberto Montori embraced flexible endoscopy at a time when no surgeon in Italy and few in Europe were willing to challenge the status quo. He has been challenging it for four decades.

Professor Alberto Montori, MD, FACS(HON), FASGE graduated in medicine in February 1960. He was Chairman and Professor of Surgery at the University of Rome "La Sapienza" and is currently Emeritus Professor of General Surgery at the same University.

His work in bringing new surgical techniques to a continent includes service as: PRESIDENT of the European Academy of Surgical Sciences (EAcSS), Former PRESIDENT of the United European Gastroenterology Federation Foundation (UEGFF), Councillor of the International Digestive Cancer Alliance (IDCA), former TREASURER of the Organisation Mondiale d'Endoscopie Digestive (OMED), CHAIRMAN of the OMED Minimally Invasive Surgery Committee, MEMBER of the Research Committee of Rome University "La Sapienza ", MEMBER of the Standing Committee of the European Academy of Surgical Sciences (EAcSS).

Showing that a surgeon can bridge the divide between surgeons and GI staff, Professor Montori has also served as: Former PRESIDENT of the European Association for Endoscopic Surgery (EAES), of the European Society for Gastrointestinal Endoscopy (ESGE), Chairman of the United European Gastroenterology Federation, PRESIDENT of EACSS, General Secretary and President of the Italian Society of Digestive Endoscopy, of the Italian Society for Endoscopic Surgery and Minimally Invasive Surgery (SICE), President of the Italian Chapter of the American College of Surgeons and Governor at Large for Italy of the American College of Surgeons.

He has 446 peer reviewed publications including books and monographs. In clinical practice he has performed more than 35,000 surgical procedures.

He hosted the 1998 World Congress of Endoscopic Surgery and has received many honors and awards all over the World. It should be noted that Professor Montori and George Berci have been friends and colleagues for more than four decades.

# What's New in the Exhibit Hall?

#### This year's exhibit hall offers many great attractions.

Come see the newest products and technologies and find the gems among the exhibits.

- Exhibit hall hours designed to accommodate your meeting schedule.
- SAGES Café where lunches, snacks, and refreshments are waiting for you.
- The exhibit hall video theatre has been expanded more videos, more seats!
- SAGES Happy Half Hour is back by popular demand. Join your colleagues to tour the exhibits and enjoy a snack or a beer while gearing up for the afternoon sessions.

SAGES does not offer CME for this event

12:00PM - 3:30PM

\*Included in Registration SuperPass (Option A) or Registration Option B

# **Exhibits and SS02: Exhibit Hall Video Presentations**

EXHIBIT HALL C - THEATRE (Non-CME Activity)

12PM - 1:45PM **SS02-A** 

### Moderator: Bryan J. Sandler, MD | Co-Moderator: Jennifer S. Schwartz, MD

V027 SINGLE-PORT LAPAROSCOPIC RESTORATIVE PROCTOCOLECTOMY WITH ILEAL-POUCH ANAL ANASTOMOSIS USING THE LEFT LOWER QUADRANT ILEOSTOMY SITE Cigdem Benlice, <u>Emre Gorgun</u>; Cleveland Clinic, Department of Colorectal Surgery

- V022 LAPAROSCOPIC REPAIR OF TRAUMATIC LEFT FLANK HERNIA USING THE ARTHREX PUSHLOCK BONE ANCHORING SYSTEM Patricia Chui, MD, PhD; New York University Medical Center
- V023 ADVANCED ENDOLAPAROSCOPIC RESECTION OF COLONIC NEOPLASMS: THE LATEST TECHNIQUES AND TECHNOLOGY Reuben D Shin, MD, Peter W Marcello, MD; Lahey Hospital & Medical Center
- V024 LAPAROSCOPIC REPAIR OF AN INCARCERATED MORGAGNI HERNIA IN THE CRITICALLY ILL OCTOGENARIAN: A CASE REPORT. Nidhi Khanna, DQ, Jonathan Nguyen, Adeshola Fakulujo, MD, FACS; RowanSOM
- V025 LAPAROSCOPIC MANAGEMENT OF TECHNICALLY CHALLENGING GASTRIC GIST Omar Bellorin, MD, FACS, Ariel Shuchleib, MD, Eric Zimmerman, MD, Litong Du, MD, FACS, Talat Addasi, MD, FACS; New York Presbyterian Queens
- V026 NOVEL APPROACH FOR DEFINITIVE TREATMENT OF RETAINED RECTAL MUCOSA IN FAP FOLLOWING RESTORATIVE PROCTOLECTOMY USING TRANSANAL ENDOSCOPIC SURGERY Jingjing L Sherman, MD, Patricia Sylla, MD; Icahn School of Medicine at Mount Sinai
- V028 LAPAROSCOPIC RADICAL EXTENDED RIGHT HEMICOLECTOMY USING A CAUDAL-TO-CRANIAL APPROACH Liaonan Zou, Guobin Chen, Wenjun Xiong, Delong Mo, Yaobin He, Hongming Li, Wei Wang, Ping Tan, Jin Wan; Guangdong Province Hospital of Chinese Medicine
- V029 LAPAROSCOPIC ENTEROLITHOTOMY FOLLOWING FAILED ENDOSCOPIC RETRIEVAL FOR BOUVERET SYNDROME Arinbjorn Jonsson, MD, Ajay Chopra, MD; Jacobi Medical Center
- V030 COLONOSCOPIC-ASSISTED PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE PLACEMENT Ryan M Juza, MD, Joshua S Winder, MD, Eric M Pauli; Penn State Hershey Medical Center
- V031 INTERSTITIAL HERNIA: LAPAROSCOPIC APPROACH Ezequiel Sadava, Jose Alvarez Gallesio, Martin Galvarini, <u>Rudolf Von</u> <u>Buxhoeveden</u>, Florencia Ocariz, Francisco Schlottmann; Hospital Aleman of Buenos Aires

### 1:45PM - 3:30PM **SS02-B**

#### Moderator: Sharona B. Ross, MD | Co-Moderator: Fredrick J. Brody, MD

- V032 GIANT ADRENAL MYELOLIPOMA: LAPAROSCOPIC RIGHT ADRENALECTOMY Ana L Campos Arbulu, MD, Emmanuel E Sadava, MD, <u>Rudolf Von Buxhoeveden, MD</u>, Javier Kerman Cabo, MD, Juan M Fernandez Vila, MD, Norberto A Mezzadri, MD, PhD, FACS; Hospital Aleman
- V033 LAPAROSCOPIC RIGHT HEMICOLECTOMY WITH EXTENDED LYMPHADENECTOMY Ron Shapiro, Aviram Nissan; Chaim Sheba Medical Center
- V034 REMNANT SPLEEN CAUSING RECURRENT IDIOPATHIC THROMBOCYTOPENIC PURPURA Tanya Castelino, MD, Amani Munshi, MD, Liane S Feldman, MD, FRCSC, FACS; Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre

V035 BREAKTHROUGH IN ENDOSCOPIC TREATMENT OF ZENKER'S DIVERTICULUM: BIPOLAR ENERGY DIVISION Shanglei Liu, MD, Robert Weisman, MD, Ran B Luo, MD, Alisa M Coker, MD, Ryan Broderick, MD, Caitlin Houghton, MD, Jonathan C DeLong, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; Department of Surgery, University of California San Diego

- **V036 LAPAROSCOPIC RESECTION OF A PARA-AORTIC MASS** Janet W Li, MD<sup>1</sup>, Susanne Gozdanovich<sup>2</sup>, Eric Marderstein, MD<sup>2</sup>, Ray K Wong, MD<sup>2</sup>; <sup>1</sup>University Hospital Case Medical Center, <sup>2</sup>United States Department of Veteran Affairs
- V037 LAPAROSCOPIC ROBOTIC-ASSISTED RESECTION OF MASSIVE EPIPHRENIC DIVERTICULUM Caitlin Houghton, MD, Ran B Luo, MD, Shanglei Liu, MD, Bryan J Sandler, MD, Jonathan C DeLong, MD, Alisa M Coker, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; UCSD
- V038 MANAGEMENT OF GASTRIC SLEEVE OBSTRUCTION: CONVERSION TO GASTRIC BYPASS George S Ibrahim, MD, Anthony Maffei, MD, Ashutosh Kaul, MD, Yuriy Zhurov, MD, Jonathan Giannone, MD, Thomas Cerabona, MD; Westchester Medical Center
- V039 INTESTINAL OBSTRUCTION IN A VIRGIN ABDOMEN FROM AN ANOMALOUS CONGENITAL BAND Caitlin Polistena, Oscar Serrano, Scott Boley, Gerard Weinberg, W S Melvin; Montefiore Medical Center
- V040 A NOVEL APPROACH TO THE LAPAROSCOPIC MANAGEMENT OF GALLSTONE ILEUS Deepika Koganti, Stephen Doane, Francesco Palazzo, Michael Pucci; Thomas Jefferson University
- V041 EXTENDED PREOPERATIVE LIQUID DIET: SAFETY FIRST IN BARIATRICS Ran B Luo, MD, Shanglei Liu, MD, Jonathan C DeLong, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Bryan J Sandler, MD, FACS, Garth R Jacobsen, MD, FACS, Santiago Horgan, MD, FACS; University of California, San Diego

\*Separate Fee Applies

**EXHIBIT HALL B** 

# Hands-On Course: Getting Behind Advances in Colorectal Surgery

## Chairs: Patricia Sylla, MD and Peter Marcello, MD Co-Chairs: Teresa DeBeche-Adams, MD and Emre Gorgun, MD

## SESSION DESCRIPTION

This hands-on lab will provide practical exposure to ESD, TAMIS, TEO and TEM techniques of dissection and suturing, under the mentorship of expert faculty. This course is designed for any practicing surgeon who incorporates colon and rectal surgery into his or her practice.

### SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- · Appraise the techniques, prerequisite skills and learning curve required to perform EMR and ESD for colorectal lesion
- Apply techniques learned in the hands-on lab to implement ESD, TAMIS, TEO and TEM
- Recognize the challenges of initiating ESD, TAMIS, TEO and TEM and applying skills learned in the hands-on lab to overcome them

#### **INVITED FACULTY**

ESD stations - Emre Gorgun, MD; Sergey Kantsevoy, MD; Stavros Stavropoulos, MD; Richard Whelan, MD

TAMIS stations - Teresa DeBeche-Adams, MD; Peter Marcello, MD; Elisabeth McLemore, MD

TEM stations - Sang Won Lee, MD; Dae Kyung Sohn, MD; Mark Whiteford, MD

TEO stations - Giovanni Dapri MD; Alessio Pigazzi, MD; Patricia Sylla, MD

**LEARNING THEMES** 

#### **GUIDELINES:**

- C Colorectal FE Flex Endo
- ASCRS/SAGES Guidelines for Laparoscopic Colectomy Course
- Guidelines For Office Endoscopic Services
- **NS** New technologies/Skill acquisition

## NATIONAL PRIORITIES

SAGES acknowledges an educational grant in support of this course from Applied Medical

SAGES acknowledges contributions in-kind in support of this course from Applied Medical, Erbe, Karl Storz, Medtronic, Olympus, Richard Wolf, Stryker Endoscopy



# Ensure Patients Find You. **Update Your SAGES Profile!**

Follow these simple steps to help to enhance our mission to improve quality patient care by taking a few minutes to update your SAGES public and practice information so that patients can find you in our directory:

- 1. Go to sages.org and login
- 2. Click My Profile from the Members Menu 3. Click Profile and then Edit.

Please try to update as much information as possible. We thank you in advance for your participation!



# Wednesday, March 16, 2016

1:30PM - 5:00PM

## \*Separate Fee Applies

**EXHIBIT HALL B** 

## Hands-On Course: Common Bile Duct Stones -Intraoperative Cholangiography (IOC) to Laparoscopic Common Bile Duct Exploration (LCBDE) Chair: Fernando Santos, MD | Co-Chair: Eric Hungness, MD

#### **SESSION DESCRIPTION**

Despite the fact that cholecystectomy is the most common intra-abdominal procedure performed by general surgeons, many do not feel comfortable managing patients with CBD stones and have relegated their care to gastroenterologists. This hands-on course will expose surgeons to laparoscopic and open techniques to treat patients with CBD stones. It is the companion program to the CBD Stones post-graduate course and is meant for general and hepatobiliary surgeons, as well as their operative teams.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Perform and interpret intraoperative cholangiography
- · Identify the equipment necessary to perform LCBDE
- · Understand the indications for LCBDE and when to perform a transcystic versus transcholedochal approach
- Demonstrate the steps of transcystic and transcholedochal LCBDE
- Recognize when and how to place biliary stents
- Demonstrate the steps of open common bile duct exploration

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	Introduction to session/stations	Fernando Santos, MD Eric Hungness, MD
Stations:		
	Laparoscopic Common Bile Duct simulator (half of participants at a time – 3/group)	Ezra Teitelbaum, MD Joseph Petelin, MD Alex Nagle, MD Edward Phillips, MD Eric Hungness, MD Louise Yeung, MD
	Cholangiograpy Interpretation station	George Berci, MD Morris Franklin Jr., MD
	Open Common Bile Duct station	Mark Watson, MD
	Cannulation/T-tube Insertion/Laparoscopic Suturing station	Khashayar Vaziri, MD Mike Ujiki, MD
	Biliary Stent Placement station	Keith Gersin, MD

LEARNING THEMES

**GUIDELINES:** 

HPB HPB SO Solid Organ Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery

NATIONAL PRIORITIES

SAGES acknowledges contributions in-kind in support of this course from Karl Storz Endoscopy, Teleflex, US Endoscopy

\*Included in Registration SuperPass (Option A) or Registration Option B

## SS03: All Video All The Time: Mixed MIS/Hernia; Ventral, Inguinal, Unusual Hernias

**BALLROOM C** 

#### 1:30PM - 3:15PM **SS03-A**

#### Moderator: Michael D. Holzman, MD, MPH | Co-Moderator: Michelle K. Savu, MD

V042 LAPAROSCOPIC REPAIR OF LARGE TRAUMATIC RIGHT SIDED DIAPHRAGMATIC HERNIA Zach Williams, MD, James W Rawles III, MD, William Hope, MD, James Harris, MD; NHRMC

- V043 ROBOTIC PERINEAL HERNIA REPAIR Summer N Rochester, DO, Puraj P Patel, DO, William S Cobb, MD, Jeremy A Warren, MD, Alfredo M Carbonell, DO; Greenville Health System
- V044 CASE REPORT OF DE GARENGEOT'S HERNIA Lynette Mee Ann Loo, Davide Lomanto, Eva Lourdes E Sta. Clara; National University Hospital
- V045 LAPAROSCOPIC REPAIR OF GIANT MORGAGNI HERNIA Amed M Zihni, MD, MPH, Arghavan Salles, MD, PhD, L. Michael Brunt, MD; Washington University in St Louis
- V046 LAPAROSCOPIC REMOVAL OF INGUINAL HERNIA MESH PLACED DURING A ROBOTIC TAPP HERNIA REPAIR IN A PATIENT WITH CHRONIC PAIN Naif A Alenazi, MD, Jonathan B Yuval, MD, Alexandra Argiroff, MD, Brian P Jacob, MD, FACS; Mount Sinai Medical Center
- V047 LAPAROSCOPIC REMOVAL OF ENTERCUTANEOUS FISTULA SECONDARY TO MESH REINFORCEMENT OF THE ABDOMINAL WALL Barry Salky, MD; Mount Sinai Health System
- V048 LAPAROSCOPIC PSOAS HERNIA REPAIR WITH MESH Anna Uebele, MD, Jonathan Pearl, MD, Natalia Kubicki, MD; University of Maryland Medical Center
- V049 COMBINED LAPAROSCOPIC REPAIR OF SUBXIPHOID AND DIAPHRAGMATIC HERNIAS IN A HEART TRANSPLANT RECIPIENT Arnab Majumder, MD, Heidi Miller, MD, Yuri W Novitsky, MD, FACS; Department of Surgery, University Hospitals Case Medical Center, Cleveland, OH

#### 3:15PM - 5PM **SS03-B**

#### Moderator: Manabu Yamamoto, MD | Co-Moderator: Ali Tavakkoli, MD

- V050 LAPAROSCOPIC ABDOMINAL WALL RECONSTRUCTION WITH TRANSVERSUS ABDOMINIS RELEASE Heidi J Miller, MD, MPH, Yuri Novitsky, MD; University Hospitals Case Medical Center
- V051 KNEE PAIN AND SMALL BOWEL OBSTRUCTION Ryan Bly, Hira Hasnain; Western Michigan University School of Medicine
- V052 LAPAROSCOPIC REPAIR OF A LEFT BOCHDALEK HERNIA WITH MESH Federico Moser, MD<sup>1</sup>, Pablo Maldonado, MD<sup>1</sup>, Maria Veronica Gorodner<sup>2</sup>, Franco Signorini, MD<sup>1</sup>, Lucio Obeide, MD<sup>1</sup>; <sup>1</sup>Hospital Privado de Cordoba, <sup>2</sup>Programa Unidades Bariatricas
- V053 LAPAROSCOPIC DIAPHRAGMATIC HERNIA REPAIR IN THE SETTING OF ACUTE SMALL BOWEL OBSTRUCTION Christian A Adkisson<sup>1</sup>, Hui Zheng<sup>1</sup>, Jennifer Nichols<sup>1</sup>, Tatyan Clarke, MD<sup>2</sup>, Michael A Edwards, MD<sup>2</sup>, <u>Rohit Soans, MD<sup>2</sup></u>; <sup>1</sup>Temple University School of Medicine, <sup>2</sup>Division of General and Minimally Invasive Surgery, Section of Metabolic and Bariatric Surgery, Temple University Hospital, Philadelphia, PA
- V054 SINGLE DOCKING ROBOTIC-ASSISTED RETRO-RECTUS VENTRAL INCISIONAL HERNIA REPAIR WITH MESH Esther Wu, MD, Renzo Garberoglio, MD, Stephanie Keeth, MSN, Carlos Garberoglio, MD, FACS, Keith Scharf, DO, FACS, Marcos Michelotti, MD; Loma Linda University Health

V055 LAPAROSCOPIC COMPONENT SEPARATION IN OPEN INCISIONAL HERNIA REPAIR: A VIDEO PRESENTATION. <u>Pramod Shinde,</u> <u>Dr</u>; Kaushalya Hospital & Research Centre, Nashik, India

V056 OPERATIVE REPAIR OF SPORTS HERNIA Benjamin Biteman, MD, Fredrick Brody, MD, FACS; The George Washington University
 V057 LAPAROSCOPIC PRE-PERITONEAL REPAIR OF SUBXIPHOID INCISIONAL HERNIA Jennifer Schwartz, MD, Michael P Meara, MD, MBA; The Ohio State University Wexner Medical Center

# **Save the Date!**

**SAGES Scientific Session & Postgraduate Course** 

March 22 - 25, 2017, Houston TX

SAGES/CAGS hosted World Congress of Endoscopic Surgery

April 11-14, 2018, Seattle WA

1:30PM - 5:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

## Workshop: The SMART Way to Implement and **Track Success in Enhanced Recovery Programs** Chair: Anthony Senagore, MD | Co-Chair: Marylise Boutros, MD

**ROOM 312** 

#### **SESSION DESCRIPTION**

The accumulating data suggests that effective implementation of an enhanced recovery program for gastrointestinal surgery provides excellent patient outcomes while also appropriately managing perioperative cost and resource consumption. There is a clear set of components which should be considered for adoption by all surgeons. Small group sessions hosted at tables of 8-10 participants. Bring your current plan for a free consultation on how to think about implementing an ERP at home or trouble shoot issues you are facing. Surgeons, nurses, anesthesiologists and administrators are all invited to attend.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Effectively manage postoperative narcotic sparing analgesia
- Integrate all the components for optimal SSI reduction including carbohydrate loading, bowel preparation, and prophylactic antibiotics
- Prioritize the important steps for adoption as described in the SMART Enhanced Recovery Program

#### **ACTIVITY OUTLINE**

Small group sessions lead by invited faculty, hosted at tables of 8-10 participants.

#### **INVITED FACULTY**

Rajesh Aggarwal, MBBS MA PhD; Franco Carli, MD; Liane Feldman, MD; Deborah Keller, MD; Lawrence Lee, MD; Anne Lidor, MD, MPH; Carmen Mueller, MD; Allan Okrainec, MD; Vadim Sherman, MD; Tonia Young-Fadok, MD

#### **LEARNING THEMES**

C Colorectal

1:30PM - 3:10PM

#### **GUIDELINES:** SMART guidelines

FOR Foregut PE Professional/Economic HPB HPB

## **SO** Solid Organ

## 

SAGES acknowledges educational grants in support of this workshop from Edwards Lifesciences, Merck, Stryker Endoscopy

\*Included in Registration SuperPass (Option A) or Registration Option B

## Panel: The Future is Now - How Technology is Changing Surgery BALLROOM A Chair: Ali Tavakkoli, MD | Co-Chair: Michael Kochman, MD

#### **SESSION DESCRIPTION**

This session will review and explore technology that is changing surgery by improving visualization (image-guided surgery), modifying the role of the surgeon (robotics), or even replacing traditional surgical approaches (endolumenal therapies).

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- · Identify how different technologies could alter future practice
- Assess suitability of new techniques and technologies for procedures
- Evaluate the role of robotic surgery in GI procedures

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	Role of Robotics in GI Surgery	Dmitry Oleynikov, MD
1:45PM	Role of Image Guidance in GI Surgery	Silvana Perretta, MD
2:00PM	Foregut Surgery: Novel Technologies and Techniques	Kevin Reavis, MD
2:15PM	Colorectal Surgery: Novel Technologies and Techniques	Antonio Lacy, MD
2:30PM	Bariatric Surgery: Novel Technologies and Techniques	Dan Azagury, MD
2:45PM	A Look at the Future	Lee Swanstrom, MD
3:00PM	Q&A	

#### **LEARNING THEMES**

**B** Bariatrics

C Colorectal

FE Flex Endo

FOR Foregut

#### **GUIDELINES:**

- A Consensus Document on Robotic Surgery
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
- Role of Endoscopy in the Bariatric Surgery Patient
- TAVAC Safety and Effectiveness Analysis: LINX® Reflux Management System
- New technologies/Skill acquisition
  - SAGES acknowledges an educational grant in support of this panel from Stryker Endoscopy

# Wednesday, March 16, 2016

\*Included in Registration SuperPass (Option A) or Registration Option B

BALLROOM B

## Panel: What Every Surgeon Should Know About Reflux in the Bariatric Patient

## Chair: Dana Telem, MD | Co-Chair: Kevin Reavis, MD

#### **SESSION DESCRIPTION**

Management of reflux in the bariatric patient is controversial and optimal patient selection and postoperative management strategies remain unknown. This session is designed to discuss the issue of perioperative reflux and is intended for all surgeons, residents, and medical students caring for obese patients.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Appraise the relationship between sleeve gastrectomy and reflux in the perioperative period
- · Identify appropriate patient and procedural selection based on outcomes assessment in the obese patient with reflux
- Select appropriate medical therapies and revisional procedures in the bariatric patient with reflux

#### **ACTIVE OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	Introduction	Dana Telem, MD Kevin Reavis, MD
1:35PM	Preoperative Bariatric workup – Does Every Patient Need an Endoscopy, pH Analysis, Manometry, and Gastric Emptying Evaluation?	Konstantinos Spaniolas, MD
1:45PM	Optimizing Patient and Procedure Selection – Is Sleeve Gastrectomy Appropriate for a Patient with GERD?	Sajani Shah, MD
1:55PM	Outcomes assessment: Reflux Following Bariatric Surgery	Ann Rogers, MD
2:05PM	Anti-reflux Procedures in Morbidly Obese Patients Refusing Bariatric Surgery – Should They Be Done?	Jacob Greenberg, MD
2:15PM	Q&A	All Faculty
2:25PM	Revisional Operative Options for Patients with Acid Reflux Following Bariatric Surgery	Natan Zundel, MD
2:35PM	Managing Bile Reflux after Bariatric Surgery – What Are the Options?	Brandon Williams, MD
2:45PM	Endolumenal and Other Novel Options for Reflux in the Postoperative Bariatric Patient	Dana Portenier, MD
2:55PM	Q&A	All Faculty

#### LEARNING THEMES

**B** Bariatrics

#### **GUIDELINES:**

Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)

- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
- Guidelines for the Management of Hiatal Hernia
- Role of Endoscopy in the Bariatric Surgery Patient

NATIONAL PRIORITIES

#### 3:10PM - 4:50PM

## Panel: Everything You Need to Know About Barrett's Esophagus BALLROOM B Chair: Daniela Molena, MD | Co-Chair: Jose Martinez, MD

#### **SESSION DESCRIPTION**

Barrett's esophagus - and its links to GERD and esophageal adenocarcinoma - has been a subject of discovery and controversy over the last decade. This panel is designed for anyone who is interested in learning about recent discoveries in pathophysiology, disease regression and progression, and emerging methods for screening and surveillance.

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- · Describe Barrett's esophagus diagnosis, patient risk factors, the risk of disease progression, and new options and tools for treatment
- Implement appropriate strategies for screening and prevention of Barrett's esophagus
- · Evaluate best practices for an esophageal program to implement at his/her Institution

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:10PM	Barrett's Esophagus: An Over-diagnosed Condition?	Daniel S. Oh, MD
3:25PM	Is Your Pathologist Giving You the Information You Need?	David Lewin, MD
3:40PM	Recommendations for Diagnosis, Screening and Surveillance	Michael Kochman, MD
3:55PM	Medical Therapy and Chemoprevention: Pros and Cons	Kerry B. Dunbar, MD
4:10PM	Endotherapy: Analysis of Successes and Failures	Richard Rothstein, MD
4:25PM	The Role of Surgery in the Treatment of Barrett's Esophagus	Rishindra Reddy, MD
4:40PM	Discussion	Panel
	NG THEMES GUIDELINES:	

FOR Foregut

- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)

## NATIONAL PRIORITIES 📳 🐼 💢

3:10PM - 4:50PM

\*Included in Registration SuperPass (Option A) or Registration Option B

#### Panel: Tools for the Surgical Educator "Coaching the Teachers" **BALLROOM A** Chair: Kenric Murayama, MD | Co-Chair: Nicole Fearing, MD

#### **SESSION DESCRIPTION**

The session will focus on Professional Development and discuss teaching junior faculty and residents important skills (e.g., conflict resolution, work-life balance), that are necessary for increasing their likelihood of success and being more effective surgical educators.

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- List three ways to improve work-life balance
- Identify and address priorities in career planning
- Discuss methods to improve both internal and external conflict resolution/management
- · Describe the concept of "situational awareness" and its importance to being successful

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:10PM	Work-Life Balance: Fact or Fiction?	Aurora Pryor, MD
3:25PM	Career Planning: How to Be in Control of your Future?	Brent Matthews, MD
3:40PM	Ethics and Professionalism: Keys to Success or Necessary Evils?	Matthew Hutter, MD
3:55PM	Conflict Resolution: How to Be Part of the Solution and Not the Problem?	Donna Singer, MS
4:10PM	Situational Awareness and Teamwork	Matthew Goldblatt, MD
4:25PM	Q&A	

#### **LEARNING THEMES**

AE Academic/Educational

PE Professional/Economic

NATIONAL PRIORITIES

# Wednesday, March 16, 2016

#### 3:10PM - 4:50PM

#### \*Included in Registration SuperPass (Option A) or Registration Option B

AUDITORIUM

## Session: OR Team - A 360 Approach to Hernia Surgery, or How My Patient Had the Perfect Hernia Experience Chair: Shirin Towfigh, MD | Co-Chair: Maureen Hemingway, RN, MHA

**SESSION DESCRIPTION** 

Hernia Surgery is the most common general surgical operation, and yet the operative experience, starting with preoperative preparation and extending to the postoperative recovery, is highly variable throughout our nation. Here, we share expert tips on how to provide the perfect hernia experience for your patient, and for you and your practice. You will be provided with details that are easily transferable to your practice, including steps to enhance patient recovery, reduce surgical site infection, reduce patient perioperative anxiety, contain surgical costs, and reduce patient pain. Many of these will require OR team participation in order to be effective. As a result, you will have excellent patient satisfaction and you will have reduced stress, less complaints and phone calls, and hopefully your hernia practice and referrals will also thrive.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Implement an enhanced recovery program specific to your hernia practice
- Develop a surgical site infection reduction bundle alongside your nursing staff, surgical techs, and anesthesiologist to reduce SSIs
- Develop a program with your nursing staff and anesthesiologist to reduce patient anxiety and improve patient satisfaction with their operative experience
- · Appraise current practice to determine areas where cost containment can be made, specific to your hospital or ambulatory surgery center
- Implement multimodal non-narcotic pain management strategies, including participation with your preoperative and PACU nursing staff and anesthesiologist

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:10PM	A Hernia-Specific Enhanced Recovery Program	Yuri Novitsky, MD
3:25PM	A Hernia-Specific Surgical Site Infection Reduction Bundle	Eric Pauli, MD
3:40PM	The Hernia Spa: How to Reduce Anxiety Perioperatively	Laila Bailey, RN, MSN
3:55PM	Cost-Containment Measures for Hernia Surgery: What If You Had to Pay for Each Element	Jorge Daes, MD
4:10PM	Non-narcotic Pain Management Alternatives for Hernia Surgery	Padma Gulur, MD
4:25PM	The Role of Nursing to Enhance the Patient Operative Experience	Kelly M Kollar, RN
4:40PM	Audience Q&A	Panel

#### **LEARNING THEMES**

HR Hernia

**PE** Professional/Economic

## **GUIDELINES:**

- Guidelines for Deep Venous Thrombosis Prophylaxis During Laparoscopic Surgery
  - Guidelines for Laparoscopic Ventral Hernia Repair
- Implementation Manual for the World Health Organization Surgical Safety Checklist (First Edition)

\*Included in Registration SuperPass (Option A) or Registration Option B

\*Included in Registration SuperPass (Option A) or Registration Option B

## NATIONAL PRIORITIES 📳 😂 🕥 🐼 🄇

#### 5:00PM – 5:45PM

## **Opening Session & SAGES History Film**

#### Moderator: Brian J. Dunkin, MD

#### SAGES does not offer CME for this session

SAGES has commissioned a documentary film to tell the story of the founding of SAGES and the work of Dr. Gerald Marks and other leaders in forming an organization dedicated to surgeons interested in flexible GI endoscopy. The film will present the original concept of the founders and their struggles to form a new surgical society, along with the many challenges and successes of those early years.

# We encourage everyone to attend the new opening session at SAGES 2016 where we will review expected highlights for the meeting and share updates from SAGES.

5:45PM - 7:30PM

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## **Exhibit Hall Welcome Reception**



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EXHIBIT HALL C

**AUDITORIUM** 

(Non-CME Activity)

Time	Program	Location
6:30 AM - 4:00 PM	Posters open	Exhibit Hall A
7:30 AM - 6:15 PM	Full-Day Military Surgical Symposium	Room 304
7:30 AM - 11:15 AM	PostgraduateCourse: Preventing Bile Duct Injuries; Creating a Culture of Safety in Cholecystectomy	Ballroom B
7:30 AM - 11:15 AM	PostgraduateCourse: The Skinny on New Weight Loss Techniques	Auditorium
7:30 AM - 11:15 AM	PostgraduateCourse: Hernia - Abdominal Wall Reconstruction	Room 302
7:30 AM - 11:15 AM	Masters Series: Foregut Disease - GERD, Achalasia and Obesity	Ballroom C
7:30 AM - 9:30 AM	SS04: All Video All The Time: Dentes to Dentate	Ballroom A
9:00 AM - 11:00 AM	SAGES Guest/Spouse Breakfast	Room 306
9:30 AM - 4:00 PM	Exhibits & Learning Center open	Exhibit Hall C
9:30 AM - 11:15 AM	Debate: Robotically Assisted Hernia Repair	Room 312
9:30 AM - 10:30 AM	SS05: Exhibit Hall Video Presentations 1 (non-CME)	Exhibit Hall C - Theatre
11:15 AM - 12:00 PM	Keynote: Karl Storz Lecture - Yulun Wang, PhD "Healthcare Delivery: From Flesh and Bones to Bits and Bites"	Auditorium
12:00 PM - 1:30 PM	Educator's Luncheon - How do I Incorporate FEC/Flex Endoscopy Training into my Residency Program?	Room 306
12:00 PM - 1:30 PM	FREE GRAB AND GREET LUNCH for All Attendees	Exhibit Hall C
12:00 PM - 1:00 PM	Community Practice Townhall	Room 313
12:00 PM - 4:00 PM	SS06: Exhibit Hall Video Presentations 2 (non-CME)	Exhibit Hall C - Theatre
1:30 PM - 5:00 PM	HO Course: Hernia	Exhibit Hall B
1:30 PM - 5:00 PM	HO Course: Endolumenal Bariatrics	Exhibit Hall B
1:30 PM - 5:30 PM	Masters Series: Hernia (Collaboration with AHS)	Ballroom C
1:30 PM - 3:00 PM	Panel: What SAGES Can Do For You - The Enduring Value of Membership	Room 302
1:30 PM - 3:00 PM	Panel: Using Simulation to Improve Quality and Safety in Surgical Care (joint panel with ASE)	Ballroom B
1:30 PM - 3:00 PM	SS07: MIS Mixed Bag	Ballroom A
3:00 PM - 3:30 PM	Refreshment Break/ Happy 1/2 Hour in Exhibit Hall	Exhibit Hall C
3:30 PM - 5:30 PM	Panel: Quality of Surgery: How will you be Rated? Why you should Care?	Ballroom B
3:30 PM - 5:30 PM	Forum: Community Surgery Forum	Room 302
3:30 PM - 5:30 PM	SS08: Flexible Endoscopy	Ballroom A
6:00 PM - 8:00 PM	Industry Education Events (non-CME)	See page 64 for details
7:00 PM - 10:00 PM	TEDxBeaconStreetSalon "Thriving over Surviving" (non-CME)	Westin Boston - America Ballroom



The Foundation for Surgical Fellowships gratefully acknowledges the following organizations whose generous support makes it possible for us to carry out our mission.

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# **SOCIETY SUPPORTERS**

American Hepato-Pancreato-Biliary Association (AHPBA) American Society of Colon and Rectal Surgeons (ASCRS) American Society of Metabolic and Bariatric Surgery (ASMBS) Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) SAGES Foundation Society for Surgery of the Alimentary Tract (SSAT)

Recognition is for annual gifts contributed through December 31, 2015 or pledged for the 2015/2016 fellowship year.

The FSF depends on gifts from the surgical community to realize our mission. Individual gifts are tax-deductible and can be made via our secure donation site: **www.surgicalfellowships.org/becomedonor.php**. For Corporate, Society and Foundation gifts, please contact Colleen Elkins, Director of Development, at **(310)** 424-3332 ext. 114.

7:30AM - 11:15AM & 1:00PM - 6:15PM

## Full-Day Military Surgical Symposium Chair: LTC(P) Robert Lim, MD | Co-Chair: Yong Choi, MD

#### **SESSION DESCRIPTION**

The 3rd annual Tri-service military symposium will showcase the best research of military surgical residents in the United States Army, Navy, and Air Force. This daylong program will include lectures from senior Active Duty and prior service military leaders. It will give participants an opportunity to question leaders about the future of military medicine in combat and in garrison practice.

\*Included in Registration SuperPass (Option A) or Registration Option B

#### **SESSION OBJECTIVES**

**ACTIVITY OUTLINE** 

At the conclusion of this session, participants will be able to:

- Better manage their clinical, academic, and operational medicine skills
- · Better integrate state-of-the-art technology and surgical technique into the unique military aspects of their practice

Time	Presentation Title	Invited Faculty
7:30AM	Introduction	LTC(P) Robert Lim, MD Yong Choi, MD
7:40AM	Scientific Session - Basic Science	Moderators: CDR Mark Dobbertien, MD MAJ Duane Duke, MD MAJ Lucas Neff, MD
9:40AM	Break	
10:00AM	Distinguished Military Surgery Lecture	VADM Raquel Bono, Director, US Defense Health Agency
11:15AM	Break for SAGES Keynote Lecture & Lunch	
1:00PM	Scientific Session - General Surgery	Moderators: CAPT Romeo Ignacio, Jr., MD COL(r) Michael St. Jean, MD MAJ Fia Yi, MD
3:00PM	Break	
3:10PM	Scientific Session - Trauma	Moderators: COL Matthew Martin, MD MAJ Jason Pasley, DO CDR Matthew Tadlock, MD
5:10PM	Awards	
5:15PM	Military Service Lecture	COL(r) Don Jenkins, MD
6:15PM	Closing Remarks	

#### **GUIDELINES:**

Educational Mission Statement

#### **MS01: MILITARY SURGICAL SYMPOSIUM - BASIC SCIENCE PRESENTATIONS**

- MSS01 STEM CELL-SEEDED BIOPROSTHETIC MESH DEMONSTRATES IMPROVED RESISTANCE TO INFECTION AND IMPROVED TISSUE INCORPORATION IN A RAT MODEL <u>Erik T Criman, MD<sup>1</sup></u>, Wendy E Kurata, MS<sup>2</sup>, Karen W Matsumoto, BS<sup>2</sup>, Harry T Aubin, MD<sup>1</sup>, Carmen E Campbell, MS<sup>2</sup>; <sup>1</sup>Tripler Army Medical Center, <sup>2</sup>Department of Clinical Investigation, TAMC
- MSS02 BEYOND REBOA: AN EXPERIMENTAL MODEL OF ENDOVASCULAR VARIABLE AORTIC CONTROL (EVAC) Rachel Russo, MD<sup>1</sup>, Sarah-Ashley Ferencz, MD<sup>1</sup>, Anders Davidson, MD<sup>1</sup>, Joseph Galante, MD<sup>2</sup>, James Sampson<sup>1</sup>, Joseph Dubose<sup>1</sup>, John K Grayson, DVM, PHD<sup>1</sup>, Lucas Neff, MD<sup>1</sup>, Timothy Williams, MD<sup>1</sup>; <sup>1</sup>Clinical Investigations Facility, David Grant Medical Center, Travis, AFB, <sup>2</sup>University of California Davis Medical Center
- MSS03 THERE'S AN APP FOR THAT: A HANDHELD SMARTPHONE-BASED INFRARED IMAGING DEVICE TO ASSESS ADEQUACY AND LEVEL OF AORTIC OCCLUSION Kyle K Sokol, MD, George E Black, MD, Matthew J Eckert, MD, Matthew J Martin, MD, FACS; Madigan Army Medical Center
- MSS04 ANALYSIS OF CLINICOPATHOLOGIC FACTORS AMONGST CONTROL PATIENTS IN THE PHASE II TRIAL OF AE37 OR GP2+GM-CSF VS GM-CSF ALONE IN HIGH RISK BREAST CANCER PATIENTS – IMPLICATIONS FOR FUTURE TRIAL DESIGN Alfred F Trappey, MD<sup>1</sup>, John S Berry, MD<sup>1</sup>, Julia M Greene, MD<sup>1</sup>, Doreen 0 Jackson, MD<sup>1</sup>, Diane F Hale, MD<sup>1</sup>, Timothy J Vreeland, MD<sup>1</sup>, Guy T Clifton, MD<sup>1</sup>, Garth S Herbert, MD<sup>1</sup>, Sonja Perez, PhD<sup>2</sup>, M Papamichail, MD, PhD<sup>2</sup>, Elizabeth A Mittendorf, MD, PhD<sup>3</sup>, George E Peoples, MD<sup>4</sup>; <sup>4</sup>Cancer Vaccine Development Program, <sup>1</sup>Brooke Army Medical Center, <sup>2</sup>Cancer Immunology and Immunotherapy Center (Greece), <sup>3</sup>MD Ancerson Cancer Center
- MSS05 LOCALLY APPLIED ENZYME ACTIVATED TACROLIMUS ELUTING HYDROGELS SIGNIFICANTLY DELAY THE ONSET OF ACUTE REJECTION IN VASCULARIZED COMPOSITE ALLOGRAFTS <u>R Cindass</u><sup>1</sup>, S D Lawson<sup>2</sup>, C A Fries<sup>3</sup>, K Wu<sup>2</sup>, L C Wang<sup>1</sup>, J M Karp<sup>4</sup>, P K Vemula<sup>5</sup>, N Desai<sup>4</sup>, R F Rickard<sup>3</sup>, V S Gorantla<sup>6</sup>, M R Davis<sup>7</sup>; <sup>1</sup>RESTOR, 59th Medical Wing, and San Antonio Military Medical Center, <sup>2</sup>RESTOR, 59th Medical Wing, and University of Texas Health Science Center at San Antonio, <sup>3</sup>The Royal Centre for Defence Medicine, <sup>4</sup>Brigham and Women's Hospital, <sup>5</sup>Institute for Stem Cell Biology and Regenerative Medicine, <sup>6</sup>University of Pittsburgh Medical Center, <sup>7</sup>RESTOR and 59th Medical Wing

**ROOM 304** 

- MSS06 HYDROGEN SULFIDE DELAYS ONSET OF ACUTE REJECTION IN PORCINE VCA MODEL Kevin Y Wu<sup>1</sup>, C A Fries<sup>2</sup>, J R Spencer<sup>3</sup>, Mark Roth<sup>3</sup>, V S Gorantla<sup>4</sup>, M R Davis<sup>1</sup>; <sup>1</sup>RESTOR 59th Medical Wing, <sup>2</sup>Royal Centre for Defence Medicine, <sup>3</sup>59th Medical Wing, <sup>4</sup>University of Pittsburgh Medical Center
- MSS07 HYPERBARIC SUB-NORMOTHERMIC EX-VIVO PERFUSION DELAYS THE ONSET OF ACUTE REJECTION IN A PORCINE VCA MODEL Fries A Charles<sup>1</sup>, Sharon Lawson, MD<sup>2</sup>, Lin C Wang, MD<sup>3</sup>, Vijay Gorantla, MD<sup>4</sup>, Carole Villamaria, MD<sup>2</sup>, Michael Davis, MD<sup>5</sup>; <sup>1</sup>Royal Centre for Defence Medicine, <sup>2</sup>RESTOR 59th Medical Wing and University of Texas Health Science Center at San Antonio, <sup>3</sup>RESTOR 59th Medical Wing and San Antonio Military Medical Center, <sup>4</sup>University of Pittsburgh Medical Center, <sup>5</sup>RESTOR 59th Medical Wing
- MSS08 DIFFERENTIAL EXPRESSION OF PLASMA EXOSOME RNAS AS POTENTIAL NONINVASIVE BIOMARKERS OF GULF WAR ILLNESS: EVALUATION IN A RAT MODEL Bonnie B Tulk, DQ<sup>1</sup>, Wendy Kurata, MS<sup>2</sup>, Karen Matsumoto, BS<sup>2</sup>, Douglas Farmer, MD<sup>1</sup>, Margaret Clark, MD<sup>1</sup>, Lisa Pierce, DSc<sup>2</sup>; <sup>1</sup>Department of General Surgery, Tripler Army Medical Center, <sup>2</sup>Department of Clinical Investigation, Tripler Army Medical Center

#### **MS02: MILITARY SURGICAL SYMPOSIUM – GENERAL SURGERY PRESENTATIONS**

- MSS09 PRE-OPERATIVE MRI EXHIBITS LIMITED UTILITY IN AXILLARY STAGING FOR BREAST CANCER John Kuckelman, DO, Jason Bingham, MD, Morgan Barron, MD, Andrew Mosier, MD, Vance Sohn, MD; Madigan Army Medical Center
- MSS10 ROUTINE INTRAOPERATIVE LEAK TESTING FOR SLEEVE GASTRECTOMY: IS THE LEAK TEST FULL OF HOT AIR? Jason Bingham, MD, Michael Lallemand, MD, Morgan Barron, MD, John Kuckelman, DO, Preston Carter, MD, Kelly Blair, MD, Matthew Martin, MD; Madigan Army Medical Center
- MSS11 THE TRUE IMPACT OF BREAST MRI ON THE MANAGEMENT OF IN-SITU DISEASE: MORE IS NOT BETTER Michael Lallemand, MD, Morgan Barron, MD, Jason Bingham, MD, Andrew Mosier, Vance Sohn, MD; Madigan Army Medical Center
- MSS12 ENTERAL FEEDING DURING SEVERE HYPOTENSION DOES NOT ADVERSELY AFFECT GASTROINTESTINAL MICROCIRCULATION IN A PORCINE (SUS SCROFA) MODEL OF ENDOTOXIC SHOCK Carly R Richards, MD, Robert McMurray, MD, Alexander Malloy, MD, Colby Fernelius, MD, Shane McEntire, Catherine Uyehara, PhD; Tripler Army Medical Center
- MSS13 SAFETY AND EFFICACY OF A FOLATE BINDING PROTEIN, E39 PEPTIDE VACCINE AS PART OF A COMBINED ADJUVANT THERAPY APPROACH TO OVARIAN AND ENDOMETRIAL CANCERS: PRELIMINARY RESULTS FROM A PHASE I/IIA TRIAL J.S. Berry, MD, Major<sup>1</sup>, J M Greene, MD, Captain<sup>1</sup>, D O Jackson, MD, Captain<sup>1</sup>, D F Hale, MD, Major<sup>1</sup>, A F Trappey, MD, Captain<sup>1</sup>, T J Vreeland, MD, Major<sup>1</sup>, G T Clifton<sup>2</sup>, J C Elkas<sup>3</sup>, C A Hamilton<sup>3</sup>, K Darcy<sup>3</sup>, G L Maxwell<sup>3</sup>, G L Maxwell<sup>3</sup>, E A Mittendorf, MD, FACS<sup>2</sup>, G E Peoples, MD, FACS<sup>4</sup>; <sup>1</sup>Brooke Army Medical Center, <sup>2</sup>MD Anderson Cancer Center, <sup>3</sup>Inova Health System, <sup>4</sup>Cancer Vaccine Development Program
- MSSV1 VIDEO ASSISTED RETROPERITONEAL DEBRIDEMENT FOR PANCREATIC NECROSIS Kevin R Kniery, Matthew M Martin, MD, FACS; Madigan Army Medical Center
- MSS14 SEE ONE, DO ONE, BUT NEVER TEACH ONE? AN ANALYSIS OF CHIEF RESIDENT TEACHING ASSIST CASES UNDER VARIOUS LEVELS OF ATTENDING SUPERVISION Avery Walker, MD<sup>1</sup>, Joshua Smith, DO<sup>2</sup>, Matthew Martin, MD<sup>2</sup>; <sup>1</sup>Brian Allgood Army Community Hosipital, <sup>2</sup>Madigan Army Medical Center
- MSS15 BARIATRIC SURGERY PATIENT PERCEPTIONS AND WILLINGNESS TO CONSENT TO RESIDENT PARTICIPATION John M. McClellan, MD<sup>1</sup>, Daniel Nelson, DO<sup>2</sup>, Matthew J Martin, MD<sup>1</sup>; <sup>1</sup>Madigan Army Medical Center, <sup>2</sup>Brian Allgood Army Community Hospital

#### **MS03: MILITARY SURGICAL SYMPOSIUM - TRAUMA PRESENTATIONS**

- MSS16 PRE-PERITONEAL BALLOON TAMPONADE FOR PELVIC FRACTURE-ASSOCIATED MASSIVE HEMORRHAGE: A SUPERIOR AND MINIMALLY INVASIVE ALTERNATIVE TO OPEN PRE-PERITONEAL PACKING Kyle K Sokol, MD, George E Black, MD, Michelle Song, DO, Matthew J Eckert, MD, Kenji Inaba, MD, Matthew J Martin, MD, FACS; Madigan Army Medical Center
- MSS17 SINGLE-STAGE SKIN GRAFTING ON THIN AUTOLOGOUS DERMAL GRAFTS IS FEASIBLE IN A PORCINE MODEL OF EXCISIONAL WOUNDING. John L Fletcher, MD, Anders H Carlsson, PhD, Lloyd F Rose, PhD, Shanmugasundaram Natesan, PhD, Robert Christy, PhD, Kai P Leung, PhD, Rodney K Chan, MD; USAISR
- MSS18 THE INITIAL IMPACT OF COMPREHENSIVE TELE-CRITICAL ON THE SURGICAL SERVICES OF A COMMUNITY MILITARY HOSPITAL Michael J Van Gent, MD<sup>1</sup>, Matthew D Tadlock, MD<sup>2</sup>, Konrad L Davis, MD<sup>3</sup>, Nichole Henry, RN<sup>4</sup>, Matthew Kuettel, MD<sup>2</sup>, Theodore D Edson, MD<sup>2</sup>, Thomas J Nelson, D<sup>2</sup>; <sup>1</sup>Department of Surgery, Naval Medical Center San Diego, <sup>2</sup>Department of Surgery, Naval Hospital Camp Pendleton, <sup>3</sup>Department of Pulmonary & Critical Care Medicine, Naval Medical Center San Diego, <sup>4</sup>Intensive Care Unit, Naval Hospital Camp Pendleton
- MSS19 THORACOSCOPIC CADAVERIC MODEL IN EVALUATING NEEDLE DECOMPRESSION APPROACH FOR SIMULATED TENSION PNEUMOTHORAX Jonathan R Gower, LT, MD, Jonathan Halbach, LCDR, MD, Seon Jones, LCDR, MD, Romeo Ignacio, CAPT, MD; Naval Medical Center San Diego
- **MSS20 THROUGH THE LOOKING GLASS: EARLY NONINVASIVE IMAGING IN TBI PREDICTS THE NEED FOR INTERVENTIONS** Jacob Glaser, MD<sup>1</sup>, Matthew Vasquez, MD<sup>2</sup>, <u>Cassandra Cardarelli, MD<sup>2</sup></u>, Samuel Galvagno, MD, PhD<sup>1</sup>, Deborah Stein, MD, MPH<sup>1</sup>, Thomas Scalea, MD<sup>1</sup>, Sarah Murthi, MD<sup>1</sup>; <sup>1</sup>University of Maryland, <sup>2</sup>Walter Reed National Military Medical Center
- MSS21 ACUTE KIDNEY INJURY IN COMBAT INJURED PATIENTS WITH ACUTE TRAUMATIC BRAIN INJURY. Erik DeSoucy, DO<sup>1</sup>, Ian Stewart, MD<sup>2</sup>; <sup>1</sup>David Grant Medical Center/UC Davis Medical Center, <sup>2</sup>David Grant Medical Center
- MSS22 PRESENTING HYPERTENSION AND MORTALITY IN COMBAT CASUALTIES Anders J Davidson, MD<sup>1</sup>, S Ferencz, MD<sup>1</sup>, J Sosnov, MD<sup>2</sup>, K Chung, MD<sup>3</sup>, Ian Stewart, MD<sup>1</sup>; <sup>1</sup>60th Clinical Investigation Facility, David Grant Medical Center, Travis AFB, California, <sup>2</sup>San Antonio Military Medical Center, <sup>3</sup>Uniformed Services University of the Health Sciences
- MSS23 PIGTAIL CATHETERS ARE NOT INFERIOR TO CHEST TUBES FOR THE DRAINAGE OF ONGOING HEMOTHORAX <u>Sarah-Ashley</u> <u>Ferencz</u>, MD<sup>1</sup>, Rachel Russo, MD<sup>1</sup>, Anders Davidson, MD<sup>1</sup>, Lucas Neff, MD<sup>1</sup>, J Kevin Grayson, DVM<sup>1</sup>, David Shatz, MD<sup>2</sup>, Joseph Galante, MD<sup>2</sup>; <sup>1</sup>Clinical Investigation Facility, David Grant USAF Medical Center, Travis AFB, California, <sup>2</sup>University of California Davis

7:30AM - 11:15AM

\*Included in Registration SuperPass (Option A) or Registration Option B

#### **BALLROOM B**

## **Postgraduate Course: Preventing Bile Duct Injuries; Creating a Culture of Safety in Cholecystectomy**

Chair: Michael Ujiki, MD | Co-Chair: L. Michael Brunt, MD

#### **SESSION DESCRIPTION**

Over 750,000 cholecystectomies are performed each year in the United States. Patients benefit from a more rapid recovery, less surgical site infections, and reduced pain when cholecystectomy is performed through a laparoscopic approach. Unfortunately, bile duct injuries continue to occur during laparoscopic cholecystectomy that can be life-altering and lead to unacceptably high cost and morbidity. The goal of this session is to describe strategies for enhancing a culture of safety during cholecystectomy that may lead to reduction of bile duct injury.

#### **Session Objectives**

At the conclusion of this session, participants will be able to:

- · Articulate the impact that bile duct injury has on patients and society, as well as implement a preoperative assessment of a patient with gallbladder disease that will predict the difficulty of operative dissection
- · Apply appropriate strategies of dissection and use imaging techniques in order to obtain a critical view of safety
- Apply techniques to safely approach the difficult gallbladder and atypical patient

ACTIVITY OUTLINE		
Time	Presentation Title	Invited Faculty
7:30AM	Impact of Bile Duct Injury on the Patient and Society	Dana Telem, MD
7:40AM	Biliary Anatomy: Typical and Atypical	Kevin Wasco, MD
7:50AM	Preoperative Assessment of the Patient With Gallbladder Disease	Denise Gee, MD
8:05AM	Case Studies	Daniel Deziel, MD
8:20AM	Panel Discussion with Q&A	L. Michael Brunt, MD Michael Ujiki, MD
8:35AM	Mechanisms of Bile Duct Injury	Michael Pucci, MD
8:50AM	Strategies for Safe Dissection-Obtaining the Critical View of Safety	Steven Strasberg, MD
9:05AM	Imaging Techniques for Safe Dissection	Brian Davis, MD
9:20AM	Case Studies	Abe Fingerhut, MD
9:35AM	Panel Discussion with Q&A	L. Michael Brunt, MD Michael Ujiki, MD
9:55AM	Approach to the Atypical Patient	Fernando Santos, MD
10:10AM	Approach to the Difficult Gallbladder and Exit Strategies	L. Michael Brunt, MD
10:25AM	Bile Duct Injury, Now What?	Horacio Asbun, MD
10:40AM	Case Studies	Steven Schwaitzberg, MD
10:55AM	Panel Discussion with Q&A	L. Michael Brunt, MD Michael Ujiki, MD

**LEARNING THEMES** 

SO Solid Organ

НРВ НРВ

**GUIDELINES:** 

- Guidelines for Diagnosis, Treatment, and Use of Laparoscopy for Surgical Problems during Pregnancy
- Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery
- Guidelines for the Use of Laparoscopic Ultrasound

#### NATIONAL PRIORITIES

SAGES acknowledges an educational grant in support of this course from Stryker Endoscopy

\*Included in Registration SuperPass (Option A) or Registration Option B

## Postgraduate Course: The Skinny on New Weight Loss Techniques

**AUDITORIUM** 

#### Chair: Marina Kurian, MD | Co-Chair: Matthew Kroh, MD

#### **SESSION DESCRIPTION**

7:30AM - 11:15AM

Obesity and weight-related co-morbid disease continue to significantly impact the health of a large portion of the population. New endoscopic techniques are available to help stem the epidemic that we are facing. This course outlines what is new and promising in the field of obesity treatment and what the outcomes can be.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Describe novel surgical and endoscopic treatments for obesity
- Recognize gaps in their own practice and where these treatments may fit in
- · Construct a new program to incorporate into their practice

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
7:30AM	Introduction	Marina Kurian, MD
7:35AM	Intragastric Balloons and Liners: Reshape	Jaime Ponce, MD
7:55AM	Intragastric Balloons and Liners: Orbera	Jeff Allen, MD
8:15AM	Intragastric Balloons and Liners: Obalon	Robert Joshua Bowles, MD
8:30AM	Intragastric Balloons and Liners: Allurion	Daniel Jones, MD
8:45AM	Baranova	Santiago Horgan, MD
9:00AM	Duodenal Bypass Liners	Dimitrios Stefanidis, MD PhD
9:15AM	Panel Q&A	All faculty
9:25AM	Break	
9:40AM	Suturing and More: Gastric Stimulation	Marc Bessler, MD
10:00AM	Suturing and More: POSE	Thomas Lavin, MD
10:15AM	Suturing and More: Endoscopic Sleeve	Reem Sharaiha, MD
10:30AM	Suturing and More: Magnetic Bypass	Christopher Thompson, MD
10:45AM	Suturing and More: AspireAssist	Shelby Sullivan, MD
11:00AM	Panel Q&A	All faculty
11:10AM	Concluding Remarks	Matthew Kroh, MD

#### **LEARNING THEMES**

**B** Bariatrics

FE Flex Endo

NATIONAL PRIORITIES

#### What's New in the Exhibit Hall?

#### This year's exhibit hall offers many great attractions.

#### Come see the newest products and technologies and find the gems among the exhibits.

- Exhibit hall hours designed to accommodate your meeting schedule.
- SAGES Café where lunches, snacks, and refreshments are waiting for you.
- The exhibit hall video theatre has been expanded more videos, more seats!
- SAGES Happy Half Hour is back by popular demand. Join your colleagues to tour the exhibits and enjoy a snack or a beer while gearing up for the afternoon sessions.

#### 7:30AM - 11:15AM

\*Included in Registration SuperPass (Option A) or Registration Option B

## **Postgraduate Course: Hernia – Abdominal Wall Reconstruction** Chair: Adrian Park, MD | Co-Chair: Mike Liang, MD

#### **SESSION DESCRIPTION**

Ventral hernia repair is among the top five most common surgeries performed by general surgeons, and the most complex patients consume the majority of resources spent on hernias. This session will address controversies in abdominal wall reconstruction.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Appraise existing literature in ventral hernia research, with a focus on level 1 evidence, to guide practicing clinicians in discriminating between evidence and opinion
- Integrate cost, quality, and patient-centered outcomes into a value-based practice
- Identify and develop management plans for challenging patients and hernias

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
7:30AM	Introduction	Adrian Park, MD
7:35AM	What Level 1 Evidence is There to Guide Us in Ventral or Inguinal Hernia Repair	Julie L. Holihan, MD
7:50AM	Hernia Care and Health Care Reform: How to Provide High Quality Low-Cost Care	John S. Roth, MD
8:00AM	Debate: Pro-Robot Herniorrhaphy	Shawn Tsuda, MD
8:10AM	Debate: Con-Robot Herniorrhaphy	Hobart Harris, MD
8:20AM	Are Surgeons Comfortable and Competent to Manage Most Hernias	Melina Vassiliou, MD
8:35AM	Restoring Function: Tailoring Hernia Repair to Patient Needs	Mike Liang, MD
8:50AM	Patient Centered Hernia Care and CQI: What Does it Look Like?	Bruce Ramshaw, MD
9:05AM	Q&A	Panel
9:20AM	Break	
9:35AM	The Obese Smoker With a Painful Recurrent Incisional Hernia	John Romanelli, MD
9:50AM	Debate: Argument for Laparoscopic Approach	Karl Leblanc, MD
10:00AM	Debate: Argument for Open Approach	Gina Adrales, MD
10:10AM	Panel: Challenging Cases – Recurrent Inguinal Hernia After Failed Open & Lap Repairs	Panel
10:25AM	Large Hernias With Loss of Domain	B. Todd Heniford, MD
10:40AM	Managing Mesh Complications	Robert Martindale, MD
10:55AM	Q&A	Panel

#### **LEARNING THEMES**

HR Hernia

**AE** Academic/Educational

PE Professional/Economic

- **GUIDELINES:**
- A Consensus Document on Robotic Surgery
- Framework for Post-Residency Surgical Education & Training
- Guidelines for Laparoscopic Ventral Hernia Repair



## SAGES University Masters Series: Foregut Disease -GERD, Achalasia and Obesity

**BALLROOM C** 

## Chair: Aurora Pryor, MD | Co-Chair: Andrew Wright, MD

#### **SESSION DESCRIPTION**

This session is designed for practicing surgeons treating foregut diseases to learn the most up to date management strategies from renowned experts. We will cover the most common benign diseases and discuss the complexities of management.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Describe alternative strategies for dealing with a difficult hiatal closure
- Differentiate complex foregut issues in bariatric patients
- · Construct treatment algorithms across treatment spectra for patients suffering from esophageal disorders

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
7:30AM	Introductory Remarks	Aurora Pryor, MD Andrew Wright, MD
7:32AM	Dealing With a Difficult Diaphragmatic Closure	Lee Swanstrom, MD
8:00AM	Failed Fundoplication	Marco Patti, MD
8:28AM	Failed Myotomy for Achalasia	John Hunter, MD
8:56AM	Reflux With Esophageal Dysmotility	Nathaniel Soper, MD
9:24AM	Managing Gastroparesis	Raul Rosenthal, MD
9:52AM	Reflux Management in Obese Patients	Philip Schauer, MD
10:20AM	Hiatal Hernia Following Foregut and Bariatric Procedures	Ninh Nguyen, MD
10:48AM	Weight Regain After Bariatric Surgery	John Morton, MD

#### **LEARNING THEMES**

**B** Bariatrics

FOR Foregut

#### **GUIDELINES:**

- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
- · Guidelines for the Management of Hiatal Hernia
- Guidelines for the Surgical Treatment of Esophageal Achalasia
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
- Role of Endoscopy in the Bariatric Surgery Patient
- TAVAC Safety and Effectiveness Analysis: LINX® Reflux Management System

#### NATIONAL PRIORITIES (🗐 🐼 💢

7:30AM - 9:00AM

\*Included in Registration SuperPass (Option A) or Registration Option B

## SS04: All Video All The Time: Dentes to Dentate

**BALLROOM A** 

#### Moderator: Jon C. Gould, MD | Co-Moderator: Alberto R. Ferreres, PhD

V058 MODERN SURGERY MEETS AN OLD PROCEDURE: LAPAROSCOPIC SURGERY FOR PEPTIC ULCER DISEASE Omar Bellorin, MD, Ariel Shuchleib, MD, Eric Zimmerman, MD, Litong Du, MD, FACS, Talat Addasi, MD, FACS; New York Presbyterian Queens

- V059 NUTCRACKER ESOPHAGUS: POST-POEM THORASCOPIC RESCUE OF PERSISTENT DYSPHAGIA Ran B Luo, MD, Shanglei Liu, MD, Jonathan C DeLong, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Bryan J Sandler, MD, FACS, Garth R Jacobsen, MD, FACS, Santiago Horgan, MD, FACS; University of California, San Diego
- V060 LAPAROSCOPIC RESECTION OF GIANT SUBMUCOSAL GASTRIC TUMOR Francisco Schlottmann, Jose Alvarez Gallesio, Florencia Ocariz, Marina Spano, Martin Galvarini, Gustavo Bugari, <u>Rudolf Buxhoeveden</u>; Hospital Aleman of Buenos Aires
- V061 LAPAROSCOPIC D2 RADICAL GASTRECTOMY PLUS COMPLETE MESOGASTRIUM EXCISION WITH MEMBRANE ANATOMY Jianping Gong, Daxing Xie, Yixin Tong; Tongji hospital
- V062 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION AND FLUORESCENCE LYMPHATIC MAPPING FOR RIGHT COLECTOMY WITH TRASVAGINAL SPECIMEN EXTRACTION Luigi Boni, MD, FACS, Elisa Cassinotti, MD, PhD, Alessandro Marzorati, MD, Matteo Lavazza, MD; Minimally Invasive Surgery Center, University of Insbubria

V063 LAPAROSCOPIC RESECTION OF A DUODENAL GIST Lucy Martinek, MD, Julio Teixeira, MD; Lenox Hill Hospital

V064 COMBINED LAPAROSCOPIC/ENDOSCOPIC CONTROL OF HEMORRHAGE FROM A PANCREATIC PSEUDOCYST Christian A Adkisson, BS<sup>1</sup>, Lucas Ferrer, MD<sup>2</sup>, Jennifer Maranki, MD<sup>3</sup>, Tatyan Clarke, MD<sup>4</sup>, Michael A Edwards, MD<sup>4</sup>, <u>Rohit Soans, MD<sup>4</sup></u>; <sup>1</sup>Temple University School of Medicine, <sup>2</sup>Department of Surgery, Temple University Hospital, Philadelphia, PA, <sup>3</sup>Department of Medicine, Section of Gastroenterology, Temple University Hospital, Philadelphia, PA, <sup>4</sup>Division of General and Minimally Invasive Surgery, Section of Metabolic and Bariatric Surgery, Temple University Hospital, Philadelphia, PA

- V065 LAPAROSCOPIC TOTAL GASTRECTOMY, OMENTECTOMY, SPLEENECTOMY FOR GASTRIC ADENOCARCINOMA Gautam Sharma, MD, James Villamere, MD, Mena Boules, MD, John Rodriguez, MD, Matthew Kroh, MD; Cleveland Clinic Foundation
- **V066 NEW TECHNIQUE: LAPAROSCOPIC CREATION OF JEJUNAL POUCH FOLLOWING TOTAL GASTRECTOMY WITH ROUX-EN-Y RECONSTRUCTION** Marc A Ward, MD<sup>1</sup>, Michael B Ujiki, MD<sup>2</sup>; <sup>1</sup>University of Chicago Medicine, <sup>2</sup>NorthShore University HealthSystem
- V067 EXTENT OF PERINEAL DISSECTION DURING ABDOMINOPERINEAL RESECTION <u>Ricardo T Akiba, MD, PhD, Hon</u>, Steven D Wexner, MD, PhD, Hon; Cleveland Clinic Florida
- V068 LAPAROSCOPIC RESECTION OF AN APPENDICEAL MUCOCELE Lee M Morris, MD, Patrick R Reardon, MD; The Houston Methodist Hospital
- V069 **`INCISIONLESS` TOTAL ABDOMINAL COLECTOMY AND RESTORATIVE PROCTOCOLECTOMY FOR ULCERATIVE COLITIS** Deborah S Keller, MS, MD<sup>1</sup>, Juan R Flores-Gonzalez, MD<sup>1</sup>, Sergio Ibarra, MD<sup>1</sup>, Eric M Haas, MD<sup>2</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical Center at Houston

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The entire 2016 meeting has been designated for Self-Assessment CME Credit, applicable to Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program. In order to claim Self-Assessment credit, attendees must participate in a post meeting quiz

6:30AM - 4:00PM

#### **Posters**

\*Included in Registration SuperPass (Option A) or Registration Option B

**EXHIBIT HALL A** 

(Non CME Activity)

9:00AM - 11:00AM

\*Included in Spouse/Guest Registration

## SAGES Guest/Spouse Breakfast – In Memory of Barbara Marks ROOM 306

#### SAGES does not offer CME for this event

This breakfast is a great way to start off the meeting by getting together with other spouses, guests, and conference friends. Catch up with "old" friends. Make some new ones. And a chance to honor Barbara Marks, Kay Forde and other spouses who were part of the backbone at the founding of the Society. This is a great way to get involved. After breakfast we'll get together as teams and make poster artwork (humorous!) for the Friday Night Gala. Don't miss this morning!

9:30AM - 4:00PM

## **Exhibits / Learning Center**

9:30AM - 10:30AM

\*Included in Registration SuperPass (Option A) or Registration Option B

\*Included in Registration SuperPass (Option A) or Registration Option B

## SS05: Exhibit Hall Video Presentations 1

SAGES does not offer CME for this event

Moderator: Anthony J. Senagore, MD | Co-Moderator: Ezra N. Teitelbaum, MD

V070 MANAGEMENT OPTIONS TO TACKLE BLEEDING DURING LAPAROSCOPY Darshak Shah, MD, MBBS, Subhash Kini, MD, Aida Taye, MD, Gustavo F Ranvier, MD, Ashish Padnani, MD, MBBS; The Mount Sinai Hospital

V071 LAPAROSCOPIC DIVERTICULECTOMY OF PERFORATED DUODENAL DIVERTICULUM Gustavo Fernandez Ranvier, MD, PhD, Aida Taye, MD, Naif AlEnazi, MD, Darshak Shah, MD, Anthony Vine, MD; Mount Sinai Hospital New York

V072 GASTROPLEURAL FISTULA REPAIR: THE HIDDEN DANGERS OF VATS DECORTICATION Ran B Luo, MD, Shanglei Liu, MD, Jonathan C DeLong, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Bryan J Sandler, MD, FACS, Garth R Jacobsen, MD, FACS, Santiago Horgan, MD, FACS; University of California, San Diego

V073 TRANSAXILLARY APPROACH FOR A RETROSTERNAL PARATHYROID ADENOMA Despoina Daskalaki, MD, Krisitn Patton, MD, Fabiola Aguilera, MD, Mario Masrur, M Rashdan, F Bianco, Pc Giulianotti, MD, FACS; University of Illinois Hospital and Health Sciences System

**V074 GALLBLADDER VOLVULUS** <u>Andrew D Van Osdol, MD</u><sup>1</sup>, Brandon T Grover, DO<sup>2</sup>; <sup>1</sup>Gundersen Medical Foundation, <sup>2</sup>Gundersen Health System

V075 DIVERTICULITIS: LAPAROSCOPIC ASSISTED TRANSANAL MINIMALLY INVASIVE REPAIR OF COLORECTAL ANASTOMOSIS Michael E Dolberg, MD, Jeffrey P Snow, MD, Alejandro Rafuls, ARNP; Memorial Healthcare System

## **Congratulations, Winners of SAGES 2016 Medical Student Scholarship Award**

On behalf of the SAGES Board of Governors and the Membership Committee, we are proud to recognize the three winners of the SAGES 2016 Medical Student Scholarship Award.

#### The winners are:

Eric Etchill - 4th Year Medical Student, University of Pittsburgh

Hasin Maredia - 1<sup>st</sup> Year Medical Student, John Hopkins

Kristin Partain - 4th Year Medical Student, Emory University

Medical students from across the United States and Canada submitted essays for 3 scholarships which includes;

free registration and recognition at the SAGES Annual Meeting in Boston, Massachusetts,

a check for \$2,000, an award certificate, and 1 year complimentary membership.

Winners will also be matched with a SAGES Member Mentor during the meeting.

EXHIBIT HALL C - THEATRE

(Non CME Activity)

**EXHIBIT HALL C** 

9:00AM - 11:15AM

\*Included in Registration SuperPass (Option A) or Registration Option B

## Debate: Robotically Assisted Hernia Repair Chair: Brian Jacob, MD | Co-Chair: David Earle, MD

## SESSION DESCRIPTION

This debate session will supply participants with the information needed to help them decide on the role of robotically assisted surgery for hernia repair, as well as provide technical assistance, clinical and financial outcomes. Practicing surgeons, residents, fellows, nurses, surgical technologists, and physician assistants should attend, as there will be tips and tricks for the operative set up, along with the clinical information for surgeons.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Describe the risks and benefits of utilizing robotically assisted surgical devices
- · Apply training and privileging information to allow for the implementation of robotically assisted surgical devices into practice
- Explain the economics of laparoscopy with and without robotically assisted surgical devices
- Explain the patient benefits realized with the use of robotically assisted surgical devices

#### ACTIVITY OUTLINE

Time	Presentation Title	Invited Faculty
9:00AM	Challenges and Opportunities Associated with the Regulation of Robotic Assisted Surgery Devices	Binita S. Ashar, MD, MBA
9:10AM	Robotically Assisted Ventral Hernia Repair - Always	Bryan Sandler, MD
9:20AM	Robotically Assisted Ventral Hernia Repair - Never	Michael Awad, MD
9:29AM	Panel Discussion, Q&A	
9:42AM	Robotically Assisted Inguinal Hernia Repair - Always	Conrad Ballecer, MD
9:52AM	Robotically Assisted Inguinal Hernia Repair - Never	Edward Felix, MD
10:00AM	Panel Discussion, Q&A	
10:12AM	Separate Privileges for Robotically Assisted Hernia Repair Are Necessary	Daniel Herron, MD
10:22AM	Separate Privileges for Robotically Assisted Hernia Repair Are Not Necessary	Brent Matthews, MD
10:32AM	Panel Discussion, Q&A	
10:42AM	Robotic Assisted Hernia Repair is Here to Stay, but Who will Pay?	James G. Bittner, MD
10:54AM	Robotic Assisted Hernia Hepair will Stop When the Money Runs Out	Gregory Dakin, MD
11:06AM	Panel Discussion, Q&A	Panel

**LEARNING THEMES** 

HR Hernia

**GUIDELINES:** 

- NS New technologies/Skill acquisition
- A Consensus Document on Robotic Surgery
- Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques
  - Guidelines for Laparoscopic Ventral Hernia Repair

#### NATIONAL PRIORITIES (\$

**Karl Storz Lecture** 

SAGES acknowledges an educational grant in support of this panel from Intuitive Surgical

\*Included in Registration SuperPass (Option A) or Registration Option B

AUDITORIUM

## "Healthcare Delivery: From Flesh and Bones to Bits and Bites" (Non CME Activity)



11:15AM - 12:00PM

#### SAGES does not offer CME for this session

Speaker: Yulun Wang, PhD

Yulun Wang is the founder of InTouch Health, named one of the top 100 health companies in the US by *Inc. Magazine*. InTouch develops telemedicine systems that allow physicians to diagnose and consult with patients from remote locations. Yulun Wang has long been a pioneer in medical technology, with over 100 patents in his name. After earning his PhD in electrical engineering, he founded Computer Motion and invented the first FDA-approved surgical robot, known as Aesop, which was widely used in minimally invasive surgery. Computer Motion went public in 1997 and later merged with Intuitive Surgical. Wang has received numerous entrepreneurship and leadership awards and was elected to the National Academy of Engineering in 2011. He is on the board of directors at Novaerus and the American Telemedicine Association, and is a member of the Engineering Advisory Board at UC Santa Barbara.

**ROOM 312** 

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# Thursday, March 17, 2016

#### 12:00PM - 1:30PM

\*Lunch: Separate Fee Applies

## Educator's Luncheon – How Do I Incorporate FEC/ Flexible Endoscopy Training Into My Residency Program? **Chair: John Mellinger, MD**

**ROOM 306** 

**EXHIBIT HALL C** 

**ROOM 313** 

(Non-CME Activity)

#### **SESSION DESCRIPTION**

This session is intended for program directors and surgical educators, and will focus on strategies for incorporating flexible endoscopy training in general, and the Flexible Endoscopy Curriculum (FEC) mandated by the American Board of Surgery in particular, into graduate medical education programs. Cognitive and technical educational strategies, use of simulation and clinical experience, preparation for passing FES (Fundamentals of Endoscopic Surgery) as an endpoint, and strategies for resource-limited settings will be reviewed.

#### SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- Articulate the key elements of the FEC
- Implement a strategy for meeting the FEC requirements in the resource context of their residency program
- Differentiate between the FEC and FES, and relate the two as strategies for preparing residents to incorporate endoscopy into their future practice
- Convey several strategies for preparing their residents to take and pass the FES exam

#### **ACTIVITY OUTLINE**

Time	Presentation Title		Invited Faculty
12:00PM	FEC and FES: Why Do W	/e Need Them?	Jeffrey Marks, MD
2:15PM	Strategies for Incorpora	ating FEC Into Your Residency	Andrew Kastenmeier, MD
12:30PM	Preparing Your Resider	nt to Pass FES Skills: An Evidence-Based Review of Options	Melina Vassiliou, MD
12:45PM	Panel Discussion/Q&A		Moderator: John Mellinger, MD
ARNING	<b>G THEMES</b>	GUIDELINES:	
Flex E	ndo	Curriculum Outline for Resident Education	
		<ul> <li>Granting of Privileges for Gastrointestinal Endoscopy</li> </ul>	

Position Statement on Endolumenal Therapies for Gastrointestinal Diseases

## NATIONAL PRIORITIES

12:00PM - 1:30PM

12:00PM - 1:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

## Eat & Greet Lunch in the Exhibit Hall for All Attendees

Enjoy free lunch while you explore latest products and technologies offered by our exhibitors.

\*Included in Registration SuperPass (Option A) or Registration Option B

## **Community Practice Townhall**

#### **SAGES does not offer CME for this session**

The Community Practice Townhall is an opportunity for private practice, community-based or hospital employed surgeons to network and discuss common issues. By sharing problems and solutions we can help SAGES work for you. We hope you can make it! Box lunch will be available.

To fully comply with ACCME regulations, all SAGES Meeting attendees must have their badge before entering any course or session room in order to receive CME credit for that event.

12:00PM - 4:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

**EXHIBIT HALL C - THEATRE** 

(Non CME Activity)

## SS06: Exhibit Hall Video Presentations 2

**SAGES does not offer CME for this event** 

#### 12PM - 2PM **SS06-A**

#### Moderator: Kevin E. Wasco, MD | Co-Moderator: Yuman Fong, MD

V077 LAPAROSCOPIC-ASSISTED ROUX-EN-Y ERCP Abid C Mogannam, MD, MBA, Renzo Garberoglio, MD, Esther Wu, MD, Daniel Srikureja, MD, Vincent Kao, DO, Stephanie Keeth, MSN, Carlos Garberoglio, MD, FACS, Marcos Michelotti, MD, Matthew Oman, MD, Keith Scharf, DO, FACS; Loma Linda University Health

- V078 LAPAROSCOPIC MEDIAN ARCUATE LIGAMENT RELEASE: A CASE REPORT Roman Grinberg, MD, Ting Kin Leung, DO, John N Afthinos, MD, Karen E Gibbs, MD; Staten Island University Hospital
- **V079 GASTRIC SLEEVE GONE WRONG: HOW DO I GET OUT OF THIS?** <u>Benjamin Clapp, MD</u><sup>1</sup>, Jesus Hernandez, MD<sup>2</sup>, Jacob J Flores, BS<sup>2</sup>, Azam Farukhi, MD<sup>1</sup>; <sup>1</sup>Texas Tech Paul Foster School of Medicine, <sup>2</sup>Providence Memorial Hospital

#### **V080 INTRAOPERATIVE TRANSECTION OF OROGASTRIC TUBE DURING**

LAPAROSCOPIC SLEEVE GASTRECTOMY Monica Sethi, MD, Patricia Chui, MD, PHD, Manish Parikh, MD; NYU School of Medicine V081 TOTAL LAPAROSCOPIC EXCISION OF TYPE I CHOLEDOCHAL CYST WITH RNY HEPATICOJEJUNOSTOMY Bestoun H Ahmed, MD,

- ERCS, FACS, Ziad Awad, MD, Michael Latzko, MD, Michael Nussbaum, MD, FACS, Cynthia Leaphart, MD; UF COM-Jacksonville FL V082 ROBOTIC REPAIR OF LARGE PARAESOPHAGEAL HERNIA WITH KEYHOLE MESH Jeffrey R Watkins, MD, D Rohan Jeyarajah, MD;
- Methodist Dallas Medical Center
- V083 ENDOLUMINAL CLOSURE OF GASTROCUTANEOUS FISTULA Esther Wu, MD, Renzo Garberoglio, MD, Stephanie Keeth, MSN, Daniel Srikureja, MD, Carlos Garberoglio, MD, FACS, Marcos Michelotti, MD, Keith Scharf, DO, FACS; Loma Linda University Health
- V084 LAPAROSCOPIC SALVAGE OF HERNIATED GASTRIC PLICATION BY STAPLED RESECTION Nathan M Bolton, MD, William S Richardson, MD; Ochsner
- V085 MORGAGNI LARREY DIAPHRAGMATIC HERNIA, EMERGENCY LAPAROSCOPIC APPROACH FOR OBSTRUCTION Santiago Valderrabano, MD, AEC, FACS, Maria Heras Garceau, MD, AEC, Lidia Cristobal, MD, AEC, Daniel Pastor, MD, AEC, Jose Torres, MD, Miguel A Granado, MD, AEC, Juan Antonio Gonzalez, MD, AEC, PHD; Universitary Hosp La Paz
- V086 ROBOTIC REVISIONAL MEDIAN ARCUATE LIGAMENT RELEASE Andrew R Brownlee, MD<sup>1</sup>, Brian Mitzman, MD<sup>2</sup>, Richard S Lazzaro, MD, FACS<sup>1</sup>; <sup>1</sup>Lenox Hill Hopital, <sup>2</sup>University of Chicago
- V087 LAPARO-ENDOSCOPIC SINGLE SITE (LESS) RESECTION OF GASTROINTESTINAL STROMAL TUMOR <u>Sharona B Ross</u>, MD, Vasilios K Nenos, BS, Ty A Bowman, BS, Darrell J Downs, ATC, Whalen Clark, MD, Alexander S Rosemurgy, MD; Florida Hospital Tampa

#### 2PM - 4PM **SS06-B**

#### Moderator: Joanne Favuzza, MD | Co-Moderator: Keith S. Gersin, MD

V088 LAPAROSCOPIC RESECTION OF PARACAVAL FUNCTIONING PARAGANGLIOMA Aaron Lee, MD, Nisha Dhanabalsamy, MD, Rajmohan Rammohan, Lisandro Montorfano, MD, Federico Perez Quirante, MD, Alex Ordonez, MD, Emanuele Lo Menzo, MD, Samuel Szomstein, MD, <u>Raul J Rosenthal, MD, FACS, FASMBS</u>; Cleveland Clinic Florida

- V089 LAPAROSCOPIC CHOLECYSTECTOMY WITH COMMON BILE DUCT EXPLORATION: MANAGEMENT OF THE IMPACTED STONE. Russell Kirks, MD, Imran Siddiqui, MD, Erin Baker, Dionisios Vrochides, MD, PhD, John Martinie, MD, David Iannitti, MD, Ryan Swan, MD; Carolinas Medical Center, Department of General Surgery, Section of Hepatobiliary and Pancreatic Surgery
- V090 ROBOTIC ILEOCECAL RESECTION WITH ENTEROVESICULAR FISTULA TAKEDOWN Timothy Feldmann, Jason Weiss, Andreas Kaiser; USC
- V091 GASTRIC DIVERTICULUM RESECTION: A MINIMALLY INVASIVE APPROACH Melissa M Felinski, DO, Kevin M Tymitz, MD; TriHealth

V092 AN ENDOSCOPIC APPROACH TO WEIGHT REGAIN SECONDARY TO GASTROGASTRIC FISTULA Ellen A Carraro, MD, Sabrena F Noria, MD, PhD; The Ohio State Wexner Medical Center

- V093 TRANSANAL ENDOSCOPIC MICROSURGERY (TEM): APPROACH TO RECTAL SLEEVE RESECTION Saleh M Eftaiha, MD, Johan Nordenstam, MD, PhD; University of Illinois at Chicago
- V094 ROBOTICALLY ASSISTED SINGLE SITE SACROCOLPOPEXY Nancy Tang, MD<sup>1</sup>, John Wagner, MD<sup>2</sup>; <sup>1</sup>Maimonides Medical Center, <sup>2</sup>Huntington Hospital
- V095 STAPLE LINE DEHISCENCE WITH LEAK MANAGED BY ENDOSCOPIC SUTURING Gabriel D Lang, MD, Faris M Murad; Washington University
- V096 MINIMALLY INVASIVE REPAIR OF GASTRO-GASTRIC FISTULA AFTER ROUX -EN- Y GASTRIC BYPASS Pablo Quadri, MD, Raquel Gonzalez-Heredia, MD, PhD, Kristen Patton, MD, Lisa Sanchez-Johnsen, PhD, Enrique F Elli, MD, FACS; UIC
- V097 ICG IMMUNOFLUORESCENCE GUIDED PURE LAPAROSCOPIC RIGHT HEPATECTOMY FOR HCC IN PATIENT WITH CIRRHOSIS Tan To Cheung, MS; The University of Hong Kong Queen Mary Hospital
- V098 SURGICAL TREATMENT OF BLEEDING MARGINAL ULCER AFTER ROUX-EN-Y GASTRIC BYPASS Monica Sethi, MD, Patricia Chui, MD, Manish Parikh, MD; NYU School of Medicine

1:30PM - 5:00PM

## Hands-On Course: Hernia

#### Chair: William Hope, MD | Co-Chair: William Cobb, MD

#### **SESSION DESCRIPTION**

Hernia surgery is one of the most common surgical procedures performed by general surgeons. Recently, several new techniques for repair of ventral and incisional hernias have been developed and many surgeons have little experience with these techniques. This hands-on course will allow surgeons to learn these new techniques as well as have dialogue with other surgeons regarding nuances and tips for performing these hernia repairs. Instruction will be provided by SAGES experts utilizing a standardized teaching technique called "Lapco TT" to maximize the lab experience for attendees.

Participants in this course will automatically be enrolled in the SAGES ADOPT program, a 1 year long Practice Improvement CME activity, included in the course registration fee. This activity will include:

- · Regular post-meeting webinars with tips, videos, and coaching by SAGES experts,
- · Discussions of challenges and suggestions of ways to overcome them,
- Video review session of two (2) cases,
- An opportunity to present experience at the 2017 SAGES Annual Meeting.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Apply the principles of hernia repair, including wide mesh overlap and fixation techniques, to ensure positive long-term outcomes
- · Develop skills to perform both open and minimally invasive techniques in repair of ventral and incisional hernias
- · Select appropriate surgical techniques and mesh for specific clinical situations and different types of hernias.

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	Welcome, course overview	William Hope, MD; William Cobb, MD
1:35PM	Overview of ADOPT 2015 - 2016	Jonathan Dort, MD
1:45PM	My 2015 Experience	Simon Bergman, MD
1:50PM	My 2015 Experience	Paul Daly, MD
1:55PM	My 2015 Experience	Christina Sanders, MD
2:00PM- 5:00PM	Cadaver Hands On Lab	

Each station will perform the skills and activities that the attendees and faculty select, using the Lapco TT methodology. Optional skills include:

1.Endoscopic component separation one side (not all the way to subcostal and inguinal lig)

2. Endoscopic component separation other side

3.Open laparotomy

- 4.TAR one side (with understanding the TAR wouldn't be combined with EO release clinically)
- 5.TAR contralateral
- 6.Sublay mesh placement

7.Open, perforator-sparing EO release one side

8.Open, perforator-sparing EO release other side

#### **INVITED FACULTY**

Sharon Bachman, MD; Jonathan Dort, MD; Jacob Greenberg, MD; Mike Liang, MD; Gregory Mancini, MD; Archana Ramaswamy, MD; Dana Telem, MD; Shawn Tsuda, MD; Khashayar Vaziri, MD

**LEARNING THEMES** 

HR Hernia

#### **GUIDELINES:**

Guidelines for Laparoscopic Ventral Hernia Repair

#### NATIONAL PRIORITIES

SAGES acknowledges an educational grant in support of this course from Medtronic

SAGES acknowledges contributions in-kind in support of this course from Gore & Associates, Medtronic, Olympus, Stryker Endoscopy

\*Separate Fee Applies

**EXHIBIT HALL B** 

1:30PM - 5:00PM

## Hands-On Course: Endolumenal Bariatrics Chair: Dean Mikami, MD | Co-Chair: Bipan Chand, MD

#### **SESSION DESCRIPTION**

Obesity rates have soared in the United States, with over 30% of Americans being classified as being obese. This course is designed for practicing bariatric surgeons and surgeons new to the field who are involved in the treatment of obesity and metabolic disorders. It will cover basic and advanced flexible endoscopy, as it plays an integral role in the management of obesity and bariatric surgery complications.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Demonstrate basic balloon dilatation for strictures after gastric bypass
- Demonstrate multiple modalities of hemostasis which include:
- Thermal ablation
- Endoscopic clipping
- Injection therapy
- Demonstrate endoscopic stenting
- Exposure to endoscopic septotomy and pCLE (probe confocal laser endomicroscopy)
- Be familiar with the endoscopic suturing, intragastric balloon placement and removal, RFA for the treatment of GERD and Barrett's esophagus, and other endolumenal malabsorptive devices

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	Overview of Lab - Therapeutic endoscopy lab: 6 stations (Group A and B)	Dean Mikami, MD
	RFA for GERD (Stretta)	Cedric Lorenzo, MD Erin Moran-Atkin, MD
	Hemostasis: clips and injection therapy, thermal ablation, Balloon dilatation	Kevin Tymitz, MD Racquel Bueno, MD
	Intragastric balloon / Gastric aspiration (AspireAssist)	Eric Volckmann, MD Shahzeer Karmali, MD
	Septotomy/ Esophageal Stenting	Manoel Galvao Neto, MD
	Endoscopic Suturing/ (Intraluminal Sleeve) Overstitch	George Eid, MD
	RFA for Barretts Esophagus (Barrx) and Probe Confocal Laser Microscopy (pCLE)	Jennifer Schwartz, MD Sabrena Noria, MD

#### **LEARNING THEMES**

B Bariatrics FE Flex Endo

- **GUIDELINES:**
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
- Role of Endoscopy in the Bariatric Surgery Patient

## NATIONAL PRIORITIES 📳 🐯

SAGES acknowledges an educational grant in support of this course from Boston Scientific

SAGES acknowledges contributions in-kind in support of this course from

Apollo Endosurgery, Boston Scientific, Karl Storz Endoscopy, Mederi Therapeutics, Medtronic, Olympus, Ovesco, US Endoscopy

## \*Separate Fee Applies

**EXHIBIT HALL B** 

\*Included in Registration SuperPass (Option A) or Registration Option B

# SAGES 2016 Surgical Spring Week

## **SAGES University Masters Series: Hernia** (Collaboration with AHS)

## Chair: Brent Matthews, MD | Co-Chair: Gina Adrales, MD, MPH

#### SESSION DESCRIPTION

1:30PM - 5:30PM

This interactive session addresses topics in both open and laparoscopic hernia surgery, allowing the attendee to experience the thought processes of a master surgeon during the perioperative evaluation, procedure, and/or postoperative care. Lectures highlight operative techniques and the use of cutting edge techniques and technology. This course is intended for general surgeons, plastic surgeons, acute and emergency surgeons, fellows and residents caring for patients with hernias or hernia-related complications, and seeking to enhance their understanding on a mastery level to optimize management of their patient.

#### SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- Implement a 4:1 suture length to wound length closure technique for midline laparotomy wounds and describe appropriate utilization of prophylactic mesh in midline laparotomy closure
- Apply an algorithm for the non-operative and surgical management of chronic groin pain after inguinal hernia repairs •
- Describe open and laparoscopic surgical techniques for recurrent ventral hernias and parastomal hernias

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	Session Introduction	Brent Matthews, MD Gina Adrales, MD, MPH
1:35PM	Mastery Overview of Inguinal Hernia	L. Michael Brunt, MD
2:00PM	Mastery Overview of Ventral Hernia	Bruce Ramshaw, MD
2:30PM	Midline Ventral Hernia Prevention: 4:1 Suture Length to Wound Length Closure and Prophylactic Mesh	John Scott Roth, MD
3:00PM	Approach to the Patient With a Recurrent Ventral Hernia	Karl LeBlanc, MD
3:30PM	Infected Mesh After Ventral Hernia Repair: Single-Stage or Delayed Repair	Guy Voeller, MD
4:00PM	Parastomal Hernia: Effective Strategies to Balance Recurrence and Complications	Brent Matthews, MD
4:30PM	Robotic Ventral and Inguinal Hernia Repair	Alfredo Carbonell, DO
LEARNIN	IG THEMES GUIDELINES:	

HR Hernia

- Guidelines for Laparoscopic Ventral Hernia Repair
- SAGES TAVAC Safety and Effectiveness Analysis DaVinci Surgical System

\*Included in Registration SuperPass (Option A) or Registration Option B

## New technologies/Skill acquisition NATIONAL PRIORITIES (🗐 🔇 🔇

SAGES acknowledges an educational grant in support of this course from Intuitive Surgical

1:30PM - 3:00PM

**BALLROOM A** 

**BALLROOM C** 

## SS07: MIS Mixed Bag

#### Moderator: David A. Iannitti, MD | Co-Moderator: Gary C. Vitale, MD

- S001 TOTAL RETROPERITONEOSCOPIC LIVING DONOR NEPHRECTOMY: IMPLEMENTATION AT THE FIRST GERMAN CENTER Marty Zdichavsky, MD<sup>1</sup>, Martina Guthoff, MD<sup>2</sup>, Nils Heyne, MD<sup>2</sup>, Pranjal Modi, MD<sup>3</sup>, Jessica Lange, MD<sup>1</sup>, Alfred Konigsrainer, MD<sup>1</sup>, Silvio Nadalin, MD<sup>1</sup>; <sup>1</sup>Department of General, Visceral and Transplant Surgery, University Hospital Tubingen, <sup>2</sup>Department of Internal Medicine, Division of Endocrinology, Diabetology, Vascular Disease, Nephrology and Clinical Chemistry, University Hospital Tubingen, <sup>3</sup>Department of Urology, Dr. HL Trivedi Institute of Transplantation Sciences, Asarwa, Ahmedabad, Gujarat, India
- S002 LEARNING CURVES AND SURGICAL OUTCOMES FOR LAPAROSCOPIC VENTRAL MESH RECTOPEXY: CUMULATIVE SUM CURVE ANALYSIS P Pucher<sup>1</sup>, A Clarke<sup>2</sup>, M Lamparelli<sup>1</sup>; <sup>1</sup>Dorset County Hospitall, <sup>2</sup>Poole General Hospital
- V100 VATS IN A COMPLICATED GIANT PULMONARY HYDATID CYST Ajay H Bhandarwar, MS, Chintan B Patel, MS, Saurabh S Gandhi, MS, Arun S Patil, MS; Grant Government Medical College & Sir J. J. Group of Hospitals, Mumbai, India
- S003 WHAT IS THE VALUE OF THE SAGES/AORN MIS CHECKLIST? A MULTI-INSTITUTIONAL PRACTICAL ASSESSMENT Emily Benham, MD<sup>1</sup>, William Richardson, MD<sup>2</sup>, Henry Lin, MD<sup>3</sup>, Jonathan Dort, MD<sup>4</sup>, Dimitrios Stefanidis, MD, PhD<sup>1</sup>; <sup>1</sup>Carolinas Healthcare System, Charlotte, NC, <sup>2</sup>Ochsner Clinic, New Orleans, LA, <sup>3</sup>Naval Hospital Camp LeJeune, NC, <sup>4</sup>Inova Fairfax Medical Campus, Falls Church, VA
- V101 INTRAGASTRIC ENDOSCOPICALLY GUIDED PANCREATIC CYST-GASTROSTOMY & NECROSECTOMY Ryan D Horsley, DQ, Thomas Shin, MD, Piotr Krecioch, MD, Anthony T Petrick, MD, Harshit S Khara, MD, Jon D Gabrielsen, MD; Geisinger Medical Center

1:30PM - 3:00PM

\*Included in Registration SuperPass (Option A) or Registration Option B

\*Included in Registration SuperPass (Option A) or Registration Option B

#### **BALLROOM A**

## SS07: MIS Mixed Bag (continued)

**S004 19 YEAR TRENDS IN INCIDENCE AND INDICATIONS FOR LAPAROSCOPIC CHOLECYSTECTOMY, THE NY STATE EXPERIENCE** Vamsi V Alli, MD, Jie Yang, PhD, Jianjin Xu, Andrew T Bates, MD, Aurora D Pryor, MD, Mark A Talamini, Dana A Telem; Stony Brook Medicine

V102 LAPAROSCOPIC GASTRIC DUPLICATION CYST EXCISION DURING SLEEVE GASTRECTOMY Zachary A Taylor, DO, Donald J Lucas, MD, Scott T Rehrig, MD, Tamara J Worlton, MD; Walter Reed National Military Medical Center

S005 FORCE COMPARISON FOR TRANSFASCIAL PENETRATION OF COMMERCIALLY AVAILABLE SUTURE PASSERS Alexander J Shope, BS, Joshua S Winder, MD, Jonathon Bliggenstorfer, BS, Randy S Haluck, MD, Eric M Pauli, MD; Penn State Hershey Medical Center V103 COMPLICATED CHYLE LEAK AFTER LAPAROSCOPIC MEDIAN ARCUATE LIGAMENT RELEASE REQUIRING REOPERATION WITH LAPAROSCOPIC SUTURE LIGATION James P Villamere, MD, Gautam Sharma, MD, Matthew Kroh, MD, John Rodriguez, MD; Cleveland Clinic

#### 1:30PM - 3:00PM

## Panel: What SAGES Can Do For You – **The Enduring Value of Membership**

**ROOM 302** 

Chair: Brian J. Dunkin, MD | Co-Chairs: William Richardson, MD and Ross Goldberg, MD

#### SESSION DESCRIPTION

This session highlights the many valuable activities going on within SAGES, emphasizing the benefits of membership and the value that SAGES adds to a career in surgery.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Articulate the major activity categories where SAGES provides value for members
- · Understand the reasons that professional society membership and participation remain relevant in a digital, on-demand world
- · Learn about opportunities to become involved in SAGES initiatives and help create the future of surgery

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	SAGES Advocacy Initiatives - Quality, CPT/RUC, TAVAC, Our Influence on Payors, Industry	Brian J. Dunkin, MI
1:45PM	SAGES Outreach Programs - Community Surgeons, Rural Surgeons, Allied Health, Community Service Projects, Mini Med-School	Jo Buyske, MI
2:00PM	SAGES Patient First Initiatives - Enhanced Recovery Initiative, Open to MIS, ERAS/SMART PG and Materials, Safe Chole	Gerald Fried, M
2:15PM	SAGES Educational Resources - Guidelines, SAGES U, SAGES TV, wiki, MyCME, SAGES Manuals, Research Support, Role in Fellowships	David Rattner, MI
2:30PM	SAGES is a World-Wide Organization - Go Global, Joint Sessions with Japan, Korea, Latin America, Webcasting, Training Missions, Improving Healthcare Around The World, Partnering With G4 Alliance	Mark Talamini, M
2:45PM	084	

2:45PM Q & A

#### **LEARNING THEMES**

**AE** Academic/Educational

#### **GUIDELINES:**

PE Professional/Economic

- Curriculum Outline for Resident Education
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Ethical Considerations Regarding the Implementation of New Technologies and **Techniques in Surgery**
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
- TAVAC Covidien Radial Reload with Tristaple Technology
- TAVAC neoClose Review
- TAVAC Safety and Effectiveness Analysis: LINX<sup>®</sup> Reflux Management System

#### NATIONAL PRIORITIES

## Panel: Using Simulation to Improve Quality and Safety in Surgical Care (joint panel with ASE) Chair: John Paige, MD | Co-Chair: Dimitrios Stefanidis, MD PhD

BALLROOM B

## SESSION DESCRIPTION

This joint ASE/SAGES session will look at the numerous ways that simulation-based techniques can be employed to improve the quality and safety of surgical patients in the peri-operative setting and beyond. It will focus on using simulation to improve work processes, identify systems-based issues, promote safe surgical practices, and improve defenses.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Implement three uses of simulation for improving the surgical care of patients
- Identify barriers and limitations of the use of simulation to improve quality and safety in the surgical setting
- · Compare and contrast applications of simulation in the surgical setting to improve quality and safety

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:30PM	In Situ Simulation to Assess New Facilities	Aimee Gardner, PhD
1:40PM	Simulation to Improve Escalation of Care	Maximilian Johnston, MD
1:50PM	Using Simulation in FLS, FES, and FUSE	Dimitrios Stefanidis, MD PhD
2:00PM	Improving RCAs Using Simulation	James R Korndorffer Jr, MD
2:10PM	Simulation to Evaluate EMR/Work Flow	Mohamad Imad Haque, MD
2:20PM	The Medical Student Curriculum in Simulation	Robert Acton, MD
2:30PM	Advanced Laparoscopic Surgery Tasks and Curriculum	Dmitry Nepomnayshy, MD
2:40PM	Q&A	Panel

#### **LEARNING THEMES**

Academic/Educational

New technologies/Skill acquisition

PE Professional/Economic

**GUIDELINES:** 

Curriculum Outline for Resident Education

- Educational Mission Statement
- Framework for Post-Residency Surgical Education & Training
- Position Statement on Advanced Laparoscopic Training

#### NATIONAL PRIORITIES (🗐 🔇

3:00PM - 3:30PM

\*Included in Registration SuperPass (Option A) or Registration Option B

\*Included in Registration SuperPass (Option A) or Registration Option B

**Refreshment Break / Happy <sup>1</sup>/2 Hour in Exhibit Hall** 

**EXHIBIT HALL C** 

3:30PM - 5:30PM

\*Included in Registration SuperPass (Option A) or Registration Option B

## Panel: Quality of Surgery - How Will You Be Rated? Why You Should Care?

**BALLROOM B** 

## Chair: Anne Lidor, MD, MPH | Co-Chair: John Morton, MD

#### SESSION DESCRIPTION

The Medicare program has transitioned to paying healthcare providers based on quality of care delivered, not quantity. Although the Health and Human Services has announced a specific timeline for this process, currently there are no agreed upon defined quality metrics to be used for surgical care. SAGES members need to understand how their performance will be measured and how they can participate with our organization to help define valid quality metrics that will be used to evaluate the services we provide our surgical patients with.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Demonstrate understanding of the current government mandated transition towards value-based care programs
- Recognize how quality initiatives can improve patient care and lead to quality improvement
- Prepare themselves and their practices to acclimate and adjust to the ongoing changes related to a fee-for-value system

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:30PM	Introduction	Anne Lidor, MD, MPH
3:40PM	Quality Measurement: How are Performance Measures Developed and Evaluated?	Danielle Walsh, MD
3:55PM	Hospital Value-Based Purchasing Program – the Changing Quality Landscape	Douglas Smink, MD
4:10PM	Quality Improvement and Quality of Collected Data	Justin Dimick, MD, MPH
4:25PM	Current State of Quality Initiatives in Surgery and Endoscopy	John Morton , MD
4:40PM	Patient Centered Outcome Measures	Liane Feldman, MD
4:55PM	Society Driven Development of Quality Metrics	Matthew Hutter, MD
5:10PM	Panel Discussion	

#### **LEARNING THEMES**

PE Professional/Economic

NATIONAL PRIORITIES (E)

SAGES acknowledges an educational grant in support of this panel from Applied Medical

3:30PM - 5:30PM

## Forum: Community Surgery Forum

\*Included in Registration SuperPass (Option A) or Registration Option B

#### **ROOM 302**

## Chair: Jeffrey Crooms, MD | Co-Chair: Debbie Youngelman, MD

#### **SESSION DESCRIPTION**

This session is designed to look at and overcome some obstacles facing community and rural surgeons in today's health environment. Anyone interested in enhancing and improving their practice of general surgery is encouraged to attend.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Identify how to safely and effectively introduce new procedures and technology into community and or rural practice
- Review potential limitations of new technology in community practice, including what is safe and what is not
- Recognize how to set the groundwork for a positive relationship between gastroenterology and general surgery
- Set goals for resident education in the community setting

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:30PM	Robotics and Advanced Procedures in Community Practice	Keith Chae Kim, MD
3:40PM	Introducing New Techniques as a Community Surgeon: The Linx Procedure	F. Paul Buckley, MD
3:50PM	Introducing Robotics as a Community Surgeon: Investment and Time	Eugene Hoffert, MD
4:00PM	Managing Complicated Cases in Community Practice: Considerations for Transfer	Rebecca Keim, MD
4:10PM	Question and Answer	All Faculty
4:20PM	How to Incorporate Endoscopy Into Practice: Developing a Cooperative Relationship with Gastroenterology	Jeff Crooms, MD and Debbie Youngelman, MD
4:35PM	New Perspectives of Pediatric Surgery for the Community Surgeon	Daniel Robie, MD
4:45PM	Requirements for Endoscopy Training and Credentialing Issues: The ABS, ASGE	Jeffrey Hazey, MD
4:55PM	Question and Answer	All Faculty
5:05PM	Resident Training in the Community	Wade Douglas, MD
5:15PM	University Perspective on Community Surgical Training	John Cosgrove, MD
5:25PM	Question and Answer	All Faculty

#### **LEARNING THEMES**

FE Flex EndoAE Academic/EducationalNS New technologies/Skill acquisition

#### **GUIDELINES:**

A Consensus Document on Robotic Surgery

- Curriculum Outline for Resident Education
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques

#### NATIONAL PRIORITIES 🕥 👧

**PE** Professional/Economic

SAGES acknowledges our Silver Level Donors for their support of this forum: Boston Scientific, Gore & Associates, Mederi Therapeutics, Teleflex

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3:30PM - 5:30PM

\*Included in Registration SuperPass (Option A) or Registration Option B

#### **BALLROOM A**

## SS08: Flexible Endoscopy

#### Moderator: Frederick L. Greene, MD | Co-Moderator: G. V. Rao, MS, MAMS

S006 IMPACT OF A RESPONSIVE INSERTION TECHNOLOGY (RIT) ON REDUCING DISCOMFORT DURING COLONOSCOPY -RANDOMIZED CLINICAL TRIAL Artur Pasternak, MD, PhD, Miroslaw Szura, MD, PhD, Rafal Solecki, MD, PhD, Andrzej Matyja, MD, PhD, Professor; 1st Department of General, Oncological and GI Surgery, Jagiellonian University Medical College, Krakow, Poland

**S007 TRANSORAL FUNDOPLICATION OFFERS DURABLE SYMPTOMATIC CONTROL FOR CHRONIC GERD: 3-YEAR FINAL REPORT FROM THE TEMPO RANDOMIZED TRIAL WITH A CROSSOVER ARM** <u>Karim S Trad, MD<sup>1</sup></u>, Mark A Fox, MD<sup>2</sup>, Gilbert Simoni, MD<sup>3</sup>, Ahmad B Shughoury, MD<sup>4</sup>, Mamoon Raza, MD<sup>5</sup>, Jeffrey A Heise, MD<sup>6</sup>, Daniel G Turgeon, MD<sup>1</sup>, Peter G Mavrelis, MD<sup>4</sup>, William E Barnes, MD<sup>7</sup>; <sup>1</sup>The George Washington University School of Medicine and Health Sciences, Washington, DC, <sup>2</sup>Crossville Medical Group, Crossville, TN, <sup>3</sup>Advanced Gastroenterology, Inc, Thousand Oaks, CA, <sup>4</sup>St. Mary Medical Center, Hobart, IN, <sup>5</sup>Indiana Medical Research, Elkhart, IN, <sup>6</sup>Hancock Regional Hospital, Greenfield, IN, <sup>7</sup>Livingston Hospital and Healthcare Services, Inc, CAH, Salem, KY

- S008 PREDICTIVE FACTORS FOR THE MIGRATION OF ENDOSCOPIC SELF-EXPANDING METAL STENTS PLACED IN THE FOREGUT Jordan Singer, <u>Amir H Aryaie, MD</u>, Mojtaba Fayezizadeh, MD, John Lash, Jeffrey Marks, MD; Case Western Reserve University/ University Hospitals Case Medical Center
- S009 IS EGD REPORTING ADEQUATE: A REVIEW OF REPORTS FROM 100 REFERRING GASTROENTEROLOGISTS Joshua A Boys, MD, Beina Azadgoli, BS, Matthew Martinez, BS, Daniel S Oh, MD, Jeffrey A Hagen, MD, Steven R DeMeester; University of Southern California, Keck School of Medicine, Los Angeles, California
- SO10 SHOULD SURGEONS PERFORM MORE DIAGNOSTIC AND SCREENING COLONOSCOPIES? A COMPARISON OF ENDOSCOPIC LOCALIZATION ERROR RATE BETWEEN OPERATING SURGEONS AND REFERRING ENDOSCOPISTS IN COLORECTAL CANCER Arash Azin, MD, Fady Saleh, MD, MPH, Andrew Yuen, MD, Michelle Cleghorn, MSc, Timothy Jackson, MD, MPH, Allan Okrainec, MDCM, MHPE, Fayez A Quereshy, MD, MBA; University of Toronto
- V104 PER-ORAL ENDOSCOPIC MYOTOMY FOR REFRACTORY DYSPHAGIA AFTER HELLER MYOTOMY Eleanor Fung, MD, Jeffrey W Hazey, MD, Kyle A Perry, MD; The Ohio State University Wexner Medical Centre
- **SO11 IS CURRENT SURGERY RESIDENT AND GI FELLOW TRAINING ADEQUATE TO PASS FES?** <u>Aimee K Gardner, PhD</u><sup>1</sup>, Daniel J Scott, MD<sup>1</sup>, Ross E Willis, PhD<sup>2</sup>, Kent Van Sickle, MD<sup>2</sup>, Michael S Truitt, MD<sup>3</sup>, John Uecker, MD<sup>4</sup>, Jeffrey M Marks, MD<sup>5</sup>, Brian J Dunkin, MD<sup>6</sup>; <sup>1</sup>University of Texas Southwestern Medical Center at Dallas, <sup>2</sup>University of Texas Health Sciences Center San Antonio, <sup>3</sup>Dallas Methodist Hospital, <sup>4</sup>University of Texas Southwestern Medical Center at Austin, <sup>5</sup>Case Western Reserve University, <sup>6</sup>Houston Methodist Hospital
- S012 PROBE BASED CONFOCAL LASER ENDOMICROSCOPY: THE NEW STANDARD FOR THE SURVEILLANCE OF BARRETT'S ESOPHAGUS? Thomas T Wang, MD, William F Buitrago, MD, PhD, Philip Leggett, MD; University of Texas Health Science Center at Houston
- **S013 OUTCOMES IN PATIENTS WITH OVER ONE-YEAR FOLLOW-UP AFTER PERORAL ENDOSCOPIC MYOTOMY (POEM)** Marc A. Ward, MD<sup>1</sup>, Matt E Gitelis, BA<sup>2</sup>, Lava Y Patel<sup>2</sup>, Yalini Vigneswaran<sup>1</sup>, Joann Carbray<sup>2</sup>, Michael B Ujiki, MD<sup>2</sup>; <sup>1</sup>University of Chicago Hospitals Department of Surgery, <sup>2</sup>NorthShore University HealthSystem Department of Surgery
- V105 MANAGEMENT OF SLEEVE GASTRECTOMY LEAKS WITH ENDOLUMINAL VACUUM THERAPY Steven G Leeds, MD, James S Burdick, MD; Baylor University Medical Center at Dallas
- S014 POEM IS A COST-EFFECTIVE PROCEDURE: COST-UTILITY ANALYSIS OF ENDOSCOPIC AND SURGICAL TREATMENT OPTIONS IN THE MANAGEMENT OF ACHALASIA Heidi J Miller, MD, MPH, Ruel Neupane, BS, Mojtaba Fayezizadeh, MD, Arnab Majumder, MD, Jeffrey M Marks, MD, FACS, FASGE; UH Case Medical Center
- SO15 SHORT-TERM OUTCOMES OF SELF-EXPANDING METAL STENT PLACEMENT AS A BRIDGE TO SURGERY FOR ACUTE COLORECTAL CANCER OBSTRUCTION Yoshihisa Saida, MD, Toshiyuki Enomoto, MD, Emiko Takeshita, MD, Kazuhiro Takabayashi, MD, Sayaka Nagao, MD, Yoichi Nakamura, MD, Miwa Katagiri, MD, Ryohei Watanabe, MD, Yasushi Nagaoka, MD, Manabu Watanabe, MD, Koji Asai, MD, Natsuya Katada, MD, Shinya Kusachi, MD; Department of Surgery, Toho University Ohashi Medical Center

6:00PM - 8:00PM

## **Industry Educational Events**

Industry presentations will take place on Thursday evening, immediately following SAGES sessions. Symposia on varying topics will be offered in SAGES session rooms. Registration is FREE for any SAGES attendee

\*\*These events are not planned nor accredited for CME by SAGES.

#### **Bard Davol Product Innovation Reception**

#### Presented by Davol Inc., a BARD Company

Experience the Difference with Bard Davol Products at a Cocktail & Hors d'Oeuvres Open Reception

This is a non-CME activity presented and supported by Davol Inc., a BARD Company

## **Robotic Surgery Coalition Forum on Efficiency, Learning Curve and Technology**

#### **Presented by Intuitive Surgical**

The Facebook-based Robotic Surgery Collaboration, with 920 members and counting, invites you to:

Join the conversation – discussion with top robotic surgeons around efficiency, outcomes, and challenging cases and how social media expands access to their insights.

#### Featured speakers include:

- Yusef Kudsi, MD impact of your team in an efficient robotically enabled OR
- Thomas J Swope, MD advanced technology in robotically assisted surgery
- Eugene Dickens, MD lessons learned through the first 500 cases

Participants are encouraged to join a hands on experience with the latest innovations from Intuitive Surgical following the speaking event. RSVP Requested, but not required: WWW.CVENT.COM/D/FFQZ2L

#### This is a non-CME activity presented and supported by Intuitive Surgical

## "Innovations in Managing Complex Foregut and Bariatric Surgery with 4K and 3-D Advanced Imaging Technology" ROOM 210

#### Presented by Olympus America, Inc.

#### Panel discussion/topics:

- The role of advanced imaging/visualization in Bariatric surgery
- · Management of complications after primary and revisional surgery
- · The enabling role of advanced imaging in complex Bariatric and General Surgery cases

#### **Presenters:**

#### Ninh T. Nguyen, MD, FACS, FASMBS

Professor and Vice-Chair, Department of Surgery University of California Irvine Medical Center

#### Rachel L. Moore, MD, FACS, FASMBS

Chief, Section of Metabolic Surgery Louisiana State University Department of Surgery Clinical Assistant Professor

This is a non-CME activity presented and supported by Olympus America, Inc.

#### "Less is More: MiniLaparoscopy, Percutaneous Platforms and Scarless Surgery. Where are we after 20 Years?"

#### **Presented by Teleflex**

#### **Program Description:**

Evolution of minimally invasive surgery and the dawn of percutaneous laparoscopic instrumentation with the same functionality and performance of today's standard devices.

#### Professor Luigi Boni, MD, FACS

Associate Professor of Surgery Minimally Invasive Surgery Center University of Insubria - Varese - Italy

#### Dr. Stacy Brethauer, MD, FACS

Associate Professor of Surgery, Cleveland Clinic Lerner College of Medicine Program Director, Bariatric Surgery Fellowship Cleveland Clinic, Cleveland, OH President-Elect, American Society for Metabolic and Bariatric Surgery

#### **Dr. Matthew Kroh, MD, FACS**

Director, Surgical Endoscopy Surgical Director, Developmental Endoscopy Director, Center for Advanced Skills Training (CAST) Associate Professor of Surgery Cleveland Clinic Lerner College of Medicine Digestive Disease Institute Bariatric and Metabolic Institute

#### Dr. Dana Portenier, M.D.

Professor of Surgery Division Chief, Metabolic and Weight Loss Surgery Chair, Department of Surgery, Duke Regional Hospital Co-Director, Minimally Invasive and Bariatric Surgery Fellowship Program

This is a non-CME activity presented and supported by Teleflex.

\*Attendance is free for any SAGES attendee (no registration required)

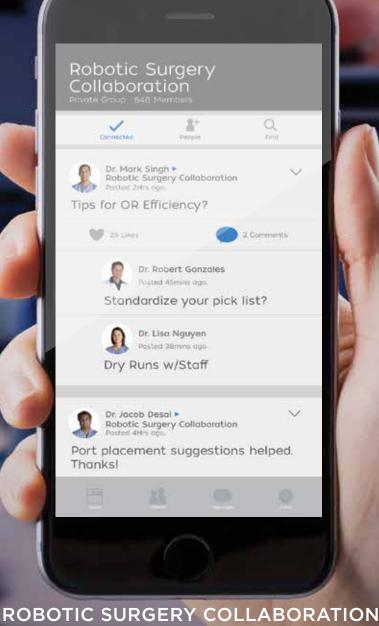
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**ROOM 308** 

**ROOM 313** 

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# JOIN THE CONVERSATION

## MARCH 17, 6PM • HYNES, RM.312 • SPONSORED BY INTUITIVE SURGICAL

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7:00PM - 10:00PM

## TEDxBeaconStreet Salon "Thriving over Surviving"

WESTIN BOSTON - AMERICA BALLROOM

SAGES does not offer CME for this session

#### Chair: Steven Schwaitzberg, MD | Co-Chair: Melina Vassiliou, MD

#### **Event Co-Host: Carey Goldberg**

Don't miss the SAGES TEDxBeaconStreet Salon. Join the conversation with world-renowned speakers exploring the intersection of medicine, technology, and personal transformation. Fifteen very special TEDx talks, highlighting the theme of "Thriving over Surviving," will deliver a phenomenal experience. Speakers include a world class patient safety expert, a well-known author, a medical celebrity, a unique patient and many more.

FREE event, but advance registration is required at http://salon.tedxbeaconstreet.com/!

(Non-CME Activity)

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# EDXBeaconStreet x = independently organized TED event

# **Thriving Over Surviving**

We are thrilled to announce a special **TEDxBeaconStreet** Salon event **"Thriving Over** Surviving" in **Boston on** March 17 at 7:00 PM, at the **Westin Copley** Place Hotel -America Ballroom.

Running concurrently with the SAGES 2016 Annual Meeting, join the conversation at this one evening exploring the intersection of medicine, technology, and personal health transformation. This event will be live streamed to locations around the world.

Talks will feature the following speakers...



Boston Marathon Bombing Survivor, Philanthropist and Advocate



Prolific Choreographer and Dancer



Director of Research, SREO Research, US Captive Freed By Iran



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Wounded Warrior

TINE



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Time	Program	Location
6:30 AM - 4:00 PM	Posters open	Exhibit Hall A
7:30 AM - 8:30 AM	SS09: Foregut 1	Auditorium
7:30 AM - 8:30 AM	SS10: Miscellaneous MIS	Ballroom B
7:30 AM - 8:30 AM	SS11: Bariatrics	Ballroom A
7:30 AM - 8:30 AM	SS12: Ventral Hernia	Room 302
7:30 AM - 8:30 AM	SS13: Biliary	Ballroom C
7:30 AM - 8:30 AM	SS14: Hernia Potpourri	Room 304
8:30 AM - 10:00 AM	SS15: Plenary 1	Auditorium
9:30 AM - 4:00 PM	Exhibits & Learning Center open	Exhibit Hall C
10:00 AM - 10:45 AM	Presidential Address - Brian J. Dunkin, MD "Out of Chaos Comes Opportunity"	Auditorium
10:45 AM - 11:30 AM	Keynote: Gerald Marks Lecture - Jo Buyske, MD "Tying it All Together"	Auditorium
11:30 AM - 12:30 PM	Panel: Uh oh! What do I do? Management of Endoscopic Misadventures	Auditorium
11:30 AM - 12:30 PM	SS16: Foregut 2	Ballroom B
11:30 AM - 12:30 PM	SS17: HPB	Ballroom A
11:30 AM - 12:30 PM	SS18: Surgical Education	Room 302
11:30 AM - 12:30 PM	SS19: Robotics	Ballroom C
11:30 AM - 12:30 PM	SS20: Inguinal Hernia	Room 304
11:30 AM - 4:00 PM	SS21: Exhibit Hall Video Presentations (non-CME)	Exhibit Hall C - Theatre
12:30 PM - 2:00 PM	Fellowship Council Luncheon - The Value of a Surgery Fellowship to My Patients and My Career	Room 306
12:30 PM - 2:00 PM	FREE GRAB AND GREET LUNCH for All Attendees	Exhibit Hall C
2:00 PM - 4:00 PM	Masters Series: Expert Colorectal Surgeons Share Their Experiences	Ballroom C
2:00 PM - 3:30 PM	Panel: Complications in Bariatric Surgery, Early Diagnoses is Paramount to Salvaging a Morbid Condition	Ballroom A
2:00 PM - 3:30 PM	Debate: Robotic Debates - Residents, Robots or Both?	Ballroom B
2:00 PM - 3:30 PM	Panel: Difficulties and Complications in Ventral Hernia Repair	Auditorium
2:00 PM - 3:00 PM	Panel: Telementoring - A New Paradigm in Surgical Training	Room 304
2:00 PM - 3:30 PM	SS22: All Video All The Time: Foregut	Room 302
3:00 PM - 4:00 PM	Panel: MIS in Acute Care Surgery	Room 304
3:30 PM - 6:00 PM	Session: Emerging Technology (non CME)	Auditorium
3:30 PM - 5:30 PM	SS23: Resident/Fellow Scientific Session	Room 312
3:30 PM - 4:00 PM	Refreshment Break/ Happy 1/2 Hour in Exhibit Hall	Exhibit Hall C
4:00 PM - 6:00 PM	Masters Series: Flexible Endoscopy	Ballroom C
4:00 PM - 5:30 PM	Panel: MIS in Endocrine Surgery: Thyroid and Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)	Ballroom A
4:00 PM - 5:30 PM	Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)	Ballroom B
4:00 PM - 5:30 PM	Panel: Program of the Americas - If I can do it, should I do it?	Room 304
4:00 PM - 5:30 PM	SS24: All Video All The Time: Mixed GI/HPB	Room 302
5:30 PM - 6:30 PM	Candidate Networking Townhall	Room 210
6:00 PM - 7:00 PM	Meet the Leadership Reception for Residents/Fellows & New Members	Room 210
7:30 PM - 11:00 PM	SAGES Gala & International Sing-Off	Royale Boston

#### 6:30AM - 4:00PM

**Posters** 

\*Included in Registration SuperPass (Option A) or Registration Option C

#### **EXHIBIT HALL A**

AUDITORIUM

**BALLROOM B** 

7:30AM - 8:30AM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS09: Foregut 1

#### Moderator: Samuel Szomstein, MD | Co-Moderator: John T. Paige, MD

S016 PREVENTING ANASTOMOTIC COMPLICATIONS: EARLY RESULTS OF LAPAROSCOPIC GASTRIC DEVASCULARIZATION TWO WEEKS BEFORE MINIMALLY INVASIVE ESOPHAGECTOMY David S Strosberg, MD, Jennifer S Schwartz, MD, Maelee Yang, BS, Robert E Merritt, MD, Kyle A Perry, MD; The Ohio State University Wexner Medical Center

- S017 DOES THE TYPE OF INTRAOPERATIVE PYLORIC PROCEDURE DURING MINIMALLY-INVASIVE ESOPHAGECTOMY PREDICT THE NEED FOR POSTOPERATIVE ENDOSCOPIC INTERVENTIONS? Danica Giugliano, MD, Adam C Berger, MD, Hanna Meidl, Michael J Pucci, MD, Ernest L Rosato, MD, Talar Tatarian, MD, Scott Keith, PhD, Nathaniel R Evans, MD, Francesco Palazzo, MD; Thomas Jefferson University Hospital
- **S018 MINIMALLY-INVASIVE DUODENOJEJUNOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME: INTERMEDIATE FOLLOW UP RESULTS OF A RARE OPERATION** Julietta Chang, MD<sup>1</sup>, Mena Boules, MD<sup>1</sup>, John Rodriguez, MD<sup>1</sup>, R Matthew Walsh, MD<sup>1</sup>, Raul Rosenthal, MD<sup>2</sup>, Matthew Kroh, MD<sup>1</sup>; <sup>1</sup>Cleveland Clinic Institution, <sup>2</sup>Cleveland Clinic Florida
- SO19 A 5-ITEM FRAILTY INDEX BASED ON NSQIP DATA CORRELATES WITH MORBIDITY AND MORTALITY FOLLOWING PARAESOPAHGEAL HERNIA REPAIR Munyaradzi Chimukangara, MD<sup>1</sup>, Matthew Frelich, MS<sup>1</sup>, Matthew Bosler, BA<sup>1</sup>, Lisa Rein, MS<sup>2</sup>, Aniko Szabo, PhD<sup>2</sup>, Jon Gould, MD<sup>1</sup>; <sup>1</sup>Medical College of Wisconsin, Surgery, <sup>2</sup>Medical College of Wisconsin, Biostatistics
- S020 THE IMPACT OF CRURAL CLOSURE VERSUS FUNDOPLICATION DURING NISSEN FUNDOPLICATION AS MEASURED BY ENDOFLIP® PARAMETERS Andreas M Schneider, MD, Daniel D Bradley, MD, Brian E Louie, MD, Alexander S Farivar, MD, Ralph W Aye, MD; Swedish Medical Center Cancer Institute
- S021 AUTOLOGOUS AUGMENTATION OF HIATAL HERNIA REPAIR WITH FILTERED PLATELET CONCENTRATE IMPROVES TISSUE REMODELING IN A SWINE MODEL. <u>Maria S Altieri</u>, Gabriel Pagnotti, PhD, Angelique Corthals, MD, Kenneth Shroyer, MD, PhD, Aurora Pryor, MD, Rashid Kikhia, MD, Mark Talamini, MD, Dana A Telem, MD; Stony Brook University Hospital

7:30AM - 8:30AM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS10: Miscellaneous MIS

Moderator: Joshua B. Alley, MD | Co-Moderator: William S. Cobb, MD

SO22 IMPACT OF STANDARD PRESSURE AND LOW PRESSURE PNEUMOPERITONEUM IN SHOULDER PAIN FOLLOWING LAPAROSCOPIC CHOLECYSTECTOMY: A DOUBLE BLIND RANDOMIZED CONTROLLED TRIAL <u>Hemanga K Bhattacharjee, MS</u>, Virinder Bansal, MS, Azarudeen Jalaludeen, Subodh Kumar, MS, Asuri Krishna, MS, Rajeshwari Subramaniam, MD, Rashmi Ramachandran, MD, Mahesh Misra, MS; All India Institute of Medical Sciences

#### S023 Withdrawn

- **S024 OR FIRE VIRTUAL TRAINING SIMULATOR: DESIGN AND FACE VALIDITY** Denis Dorozhkin<sup>1</sup>, Daniel B Jones<sup>2</sup>, Steven D Schwaitzberg<sup>3</sup>, Stephanie B Jones<sup>4</sup>, Caroline L Cao<sup>5</sup>, <u>Jaisa Olasky<sup>6</sup></u>, Marcos Molina<sup>2</sup>, Steven Henriques<sup>2</sup>, Jinling Wang<sup>5</sup>, Jeff Flinn<sup>5</sup>, Suvranu De<sup>1</sup>; <sup>1</sup>Center for Modeling, Simulation and Imaging in Medicine (CeMSIM), Rensselaer Polytechnic Institute, Troy, NY, USA, <sup>2</sup>Department of Surgery, Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, MA, USA, <sup>3</sup>Department of Surgery, University at Buffalo, The State University of New York, Buffalo, NY, USA, <sup>4</sup>Department of Anesthesia, Critical Care and Pain Medicine, Beth Israel Deaconess Medical Center, Boston, MA, USA, <sup>5</sup>Department of Biomedical, Industrial and Human Factors Engineering, Wright State University, Dayton, OH, USA, <sup>6</sup>Department of Surgery, Mount Auburn Hospital, 300 Mount Auburn Street Suite 407, Cambridge, MA, USA
- S025 TOTALLY LAPAROSCOPIC AND HAND-ASSISTED LAPAROSCOPIC MAJOR LIVER RESECTION: AN 8-YEAR SINGLE INSTITUTION EXPERIENCE Edwin O Onkendi, MBChB, John A Stauffer, MD, Steven P Bowers, MD, Justin H Nguyen, MD, Horacio J Asbun, MD; Mayo Clinic
- **S026 PREDICTING OPPORTUNITIES TO INCREASE UTILIZATION OF LAPAROSCOPY FOR COLON CANCER** Deborah S Keller, MS, MD<sup>1</sup>, Nina Ferraris, MD<sup>1</sup>, Irlna Tantchou, MD<sup>2</sup>, Matt Schultzel, DO<sup>2</sup>, Eric M Haas, MD, FACS, FASCRS<sup>3</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>University of Texas Medical Center at Houston, <sup>3</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical Center at Houston
- S027 ERCP IN THE DIAGNOSIS AND TREATMENT OF LIFE -THREATINING BILIARY OBSTRUCTION CAUSED BY FASCIOLIASIS: EXPERIENCE OF 5 CASES Kemal Dolay, MD<sup>1</sup>, Engin Hatipoglu, MD<sup>2</sup>, Fatma Umit Malya, MD<sup>1</sup>, Adem Akcakaya, MD<sup>1</sup>; <sup>1</sup>Bezmialem Vakif University General Surgery Department, <sup>2</sup>Cerrahpasa University General Surgery Depatment

7:30AM - 8:30AM

\*Included in Registration SuperPass (Option A) or Registration Option C

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS11: Bariatrics

#### **BALLROOM A**

**ROOM 302** 

#### Moderator: Leena Khaitan, MD | Co-Moderator: Garth R. Jacobsen, MD

- **S028 GASTRIC BYPASS PROCEDURE FOR THE TYPE 2 DIABETES PATIENTS WITH BMI<28 KG/M2** Ke Gong, Nengwei Zhang, Bin Zhu, Dexiao Du, Dongdong Zhang, Zhen Zhang, Jirun Peng; Beijing Shijitan Hospital, Capital Medical University, Beijing, China.
- S029 IS BARIATRIC SURGERY SAFE IN THE ELDERLY POPULATION? Federico Perez Quirante, MD, Lisandro Montorfano, MD, Rajmohan Rammohan, MD, Nisha Dhanabalsamy, MD, Alex Ordonez, MD, Aaron Lee, MD, Abraham Abdemur, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, <u>Raul J Rosenthal, MD, FACS, FASMBS</u>; Cleveland Clinic Florida
- S030 AFTER 48 CONSECUTIVE ENDOSCOPIC GASTROJEJUNAL REVISIONS FOR WEIGHT GAIN FOLLOWING ROUX-EN-Y GASTRIC BYPASS: WHAT HAVE WE LEARNED? Lava Y Patel, MD, Thomas J Stringer, BA, Matthew E Gitelis, BS, John G Linn, MD, Woody Denham, MD, Liz Farwell, APN, Stephen Haggerty, MD, Michael B Ujiki, MD; NorthShore University HealthSystem
- **S031 COMPARATIVE EFFECTIVENESS OF ROUX-EN-Y GASTRIC BYPASS AND SLEEVE GASTRECTOMY IN SUPER OBESE PATIENTS** Adam Celio, MD<sup>1</sup>, Qiang Wu, PhD<sup>2</sup>, Kevin Kasten, MD<sup>1</sup>, Mark Manwaring, MD<sup>1</sup>, William Chapman, MD<sup>1</sup>, Walter Pories, MD<sup>1</sup>, Konstantinos Spaniolas, MD<sup>1</sup>; <sup>1</sup>Department of Surgery, Brody School of Medicine at East Carolina University, <sup>2</sup>Department of Biostatistics, College of Allied Health Sciences at East Carolina University
- **S032 REGRESSION OF RENAL DYSFUNCTION IN LONG TERM FOLLOW-UP AFTER ROUX-EN-Y GASTRIC BYPASS** Jaclyn Chen, MD<sup>1</sup>, <u>Rouzbeh Mostaedi, MD<sup>2</sup></u>, Blythe P Durbin-Johnson<sup>3</sup>, Mohamed R Ali, MD<sup>1</sup>, Angelo M De Mattos, MD<sup>1</sup>, Roger K Low, MD<sup>1</sup>; <sup>1</sup>University of California, Davis Health System, <sup>2</sup>Kaiser Permanente Health System, <sup>3</sup>University of California, Davis
- **S033 MAGNETIC DUODENAL-ILEAL BYPASS (DIPASS): FEASIBILITY PILOT TRIAL** <u>Claire E Graves, MD</u><sup>1</sup>, Elisabeth J Leeflang, MD<sup>1</sup>, Hilary B Gallogly, MD<sup>2</sup>, Dillon Kwiat, BS<sup>1</sup>, Sarah Umetsu, MD, PhD<sup>1</sup>, Corey Iqbal, MD<sup>3</sup>, Kullada O Pichakron, MD<sup>4</sup>, James Graham, BS<sup>2</sup>, Peter Havel, DVM, PhD<sup>2</sup>, Stanley Rogers, MD, FACS<sup>1</sup>, Michael Harrison, MD, FACS<sup>1</sup>; <sup>1</sup>University of California San Francisco, <sup>2</sup>University of California Davis, <sup>3</sup>University of Missouri-Kansas City School of Medicine, <sup>4</sup>David Grant Medical Center, Travis Air Force Base

7:30AM - 8:30AM

## SS12: Ventral Hernia

#### Moderator: E. Matthew Ritter, MD | Co-Moderator: Norihito Wada, MD

- S034 THE EFFECT OF COMPONENT SEPARATION TECHNIQUE ON QUALITY OF LIFE (QOL) AND SURGICAL OUTCOMES IN COMPLEX OPEN VENTRAL HERNIA REPAIR (OVHR) Laurel J Blair, MD, Tiffany C Cox, MD, Ciara R Huntington, MD, Steven A Groene, MD, Tanushree Prasad, MA, Amy E Lincourt, PhD, MBA, Kent W Kercher, MD, FACS, B. Todd Heniford, MD, FACS, Vedra A Augenstein, MD, FACS; Carolinas Medical Center
- **S035 PREOPERATIVE CHEMICAL COMPONENT RELAXATION USING BOTULINUM TOXIN A: ENABLING LAPAROSCOPIC REPAIR OF COMPLEX VENTRAL HERNIA** <u>Kristen E Elstner, MBBS</u><sup>1</sup>, Anita S Jacombs, MBBS, PhD<sup>2</sup>, John W Read, FRANZCR<sup>3</sup>, Anthony N Dardano, FACS<sup>4</sup>, Peter Cosman, FRACS<sup>1</sup>, Michael Edye, FRACS<sup>5</sup>, Omar Rodriguez, MBBS<sup>6</sup>, Nabeel Ibrahim, FRACS<sup>6</sup>; <sup>1</sup>Macquarie University Hospital, Sydney, Australia, <sup>2</sup>Faculty of Medicine & Health Sciences, Macquarie University, Australia, <sup>3</sup>Castlereagh Imaging, St Leonards, Australia, <sup>4</sup>Boca Raton Regional Hospital, Boca Raton, Florida USA, <sup>5</sup>Professor of Surgery and Chair, University of Western Sydney, <sup>6</sup>Hernia Institute Australia, Edgecliff, Australia
- **S036 CHARACTERIZATION OF VENTRAL HERNIA REPAIR USING SHEAR WAVE ELASTOGRAPHY** Joseph S Fernandez-Moure, MD, MS<sup>1</sup>, Anuj Chaudhry, PhD<sup>2</sup>, Jeffrey L Van Eps, MD<sup>1</sup>, P. S Shajudeen<sup>2</sup>, Fernando Cabrera, MD<sup>3</sup>, Rafaella Righetti, PhD<sup>2</sup>, Brian J Dunkin, MD, FACS<sup>1</sup>; <sup>1</sup>Houston Methodist Hospital, Department of Surgery, <sup>2</sup>Texas A&M, Department of Electrical and Computer Engineering, <sup>3</sup>Houston Methodist Research Institute, Depart of Regenerative and Biomimetic Medicine
- S037 THE EFFECT OF TOBACCO USE ON OUTCOMES OF LAPAROSCOPIC AND OPEN VENTRAL HERNIA REPAIRS: A REVIEW OF THE NSQIP DATASET John C Kubasiak, MD, Mackenzie Landin, MD, Scott Schimpke, MD, Jennifer Poirier, PhD, Jonathan A Myers, MD, Benjamin R Veenstra, MD, Keith W Millikan, MD, Minh B Luu, MD; Rush University Medical Center

**S038 WHAT IS THE BMI THRESHOLD FOR REPAIRING A VENTRAL HERNIA?** Luise I Pernar, MD<sup>1</sup>, Claire H Pernar, MPH<sup>2</sup>, Bryan V Dieffenbach, MD<sup>1</sup>, David C Brooks<sup>1</sup>, Douglas S Smink<sup>1</sup>, Ali Tavakkoli, MD<sup>1</sup>; <sup>1</sup>Brigham and Women's Hospital, <sup>2</sup>Harvard School of Public Health

S039 COMPARISON OF VENTRAL HERNIA IN PATIENTS UNDERGOING SINGLE INCISION VERSUS STANDARD MULTIPORT LAPAROSCOPIC COLECTOMY Awais Ashfaq, MD, Kian Ahmadieh, Adil A Shah, MD, Alyssa B Chapital, MD, PhD, FACS, Daniel J Johnson, MD, FACS, Kristi L Harold, MD, FACS; Mayo Clinic

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\*Included in Registration SuperPass (Option A) or Registration Option C

**BALLROOM C** 

**ROOM 304** 

## SS13: Biliary

#### Moderator: Michael R. Marohn, MD | Co-Moderator: Alberto Chousleb, MD

S040 INTRAOPERATIVE ERCP FOR MANAGEMENT OF CHOLECYSTOCHOLEDOCHOLITHIASIS <u>Ahmed Elgeidie</u>, Ehab Abdellattif, Gamal Elebidy, Yussef Elmahdy; gastroenterology surgical center

- S041 A POLICY OF UNIVERSAL CHOLECYSTECTOMY FOR ACUTE CHOLECYSTITIS VALIDATING THE TOKYO GUIDELINES 2013 Â-A SINGLE CENTRE EXPERIENCE <u>Vinoban Amirthalingam</u><sup>1</sup>, Low Jee Keem<sup>2</sup>, Sameer Padmakumar Junnakar<sup>2</sup>, Winston Woon<sup>2</sup>, Vishalkumar Shelat<sup>2</sup>; <sup>1</sup>MINISTRY OF HEALTH HOLDINGS SINGAPORE, <sup>2</sup>TAN TOCK SENG HOSPITAL, DIVISION OF GENERAL SURGERY - HPB
- S042 WHAT IS THE FATE OF THE CHOLECYSTOSTOMY TUBE FOLLOWING PERCUTANEOUS CHOLECYSTOSTOMY? Mena Boules, MD, Mario Farias-Kovac, MD, Daniel Guerron, MD, David Schechtman, MD, Michael Samotowka, MD, Gordon McLennan, MD, R. Matthew Walsh, MD, <u>Gareth Morris-Stiff, MD</u>; Cleveland Clinic
- S043 HISTOPATHOLOGICAL EXAMINATION OF SPECIMEN FOLLOWING CHOLECYSTECTOMY: ARE WE ACCEPTING RESECT AND DISCARD? Sean M Wrenn, MD, Wasef Abu-Jaish, MD, FACS; University of Vermont Medical Center
- S044 OPTIMAL TIMING FOR LAPAROSCOPIC CHOLECYSTECTOMY AFTER PERCUTANEOUS TRANSHEPATIC GALLBLADDER DRAINAGE Takeshi Gocho, MD, Takeyuki Misawa, MD, PhD, Yuichi Nakaseko, MD, Yuki Takano, MD, Koichiro Haruki, Kenei Furukawa, MD, PhD, Masaru Kanehira, MD, Shinji Onda, MD, Taro Sakamoto, MD, Ryota Saito, MD, PhD, Hiroaki Shiba, MD, PhD, Yasuro Futagawa, MD, PhD, Yuichi Ishida, MD, PhD, Katsuhiko Yanaga, MD, PhD; Jikei University School of Medicine

7:30AM - 8:30AM

7:30AM - 8:30AM

## SS14: Hernia Potpourri

#### Moderator: Kristi Lee Harold, MD | Co-Moderator: Bruce V. MacFadyen Jr, MD

SO45 DOXYCYCLINE ALTERS COLLAGEN COMPOSITION FOLLOWING VENTRAL HERNIA REPAIR Crystal Totten, Instructor, of, Surgery, Job C Tharappel, PhD, John S Roth, Professor, of, Surgery; University of Kentucky

- S046 DEVELOPMENT OF A NOVEL MURINE MODEL FOR TREATMENT OF INFECTED MESH SCENARIOS <u>Arnab Majumder</u>, Clayton Petro, MD, Lijia Liu, MD, Mojtaba Fayezizadeh, MD, Kasim Aydogdu, MD, Yuri W Novitsky, MD, FACS; Department of Surgery, University Hospitals Case Medical Center, Cleveland, OH
- S047 LONG-TERM INCIDENCE OF CONTRALATERAL PRIMARY HERNIA REPAIR FOLLOWING UNILATERAL INGUINAL HERNIA REPAIR IN A COHORT OF 50,220 PATIENTS. <u>Richard Zheng</u>, <u>MD</u><sup>1</sup>, Jie Yang, PhD<sup>2</sup>, Hao Chen<sup>2</sup>, Maria S Altieri, MD<sup>2</sup>, Andrew T Bates, MD<sup>2</sup>, Aurora D Pryor, MD<sup>2</sup>, Mark Talamini, MD<sup>2</sup>, Dana A Telem, MD<sup>2</sup>; <sup>1</sup>Jefferson University Hospital, <sup>2</sup>Stony Brook University Hospital
- **S048 RISKS OF SUBSEQUENT ABDOMINAL OPERATIONS AFTER LAPAROSCOPIC VENTRAL HERNIA REPAIR** Puraj P Patel, DO, Michael W Love, MD, Jeremy A Warren, MD, William S Cobb, MD, Joesph A Ewing, MS, Alfredo M Carbonell, DO; Greenville Health System
- S049 OUTCOMES OF CONCOMITANT VENTRAL HERNIA REPAIR PERFORMED DURING BARIATRIC SURGERY Gautam Sharma, MD, Mena Boules, MD, Suriya Punchai, MD, Dvir Froylich, MD, Stacy Brethauer, MD, Phillip Schauer, MD, Kevin El-Hayek, MD, John Rodriguez, MD, Matthew Kroh, MD; Cleveland Clinic Foundation
- SO50 HOSPITAL COSTS ASSOCIATED WITH PATIENT COMORBID RISKS, OPERATIVE VARIABLES AND POSTOPERATIVE COMPLICATIONS IN VENTRAL HERNIA REPAIR: A VENTRAL HERNIA REPAIR HOSPITAL COST PRIMER. Margaret A Plymale, MSN, RN<sup>1</sup>, Ranjan Ragulojan, BSc<sup>2</sup>, Daniel L Davenport, PhD, MBA<sup>3</sup>, J. Scott Roth, MD<sup>1</sup>; <sup>1</sup>University of Kentucky Division of General Surgery, <sup>2</sup>University of Kentucky College of Medicine, <sup>3</sup>University of Kentucky Department of Surgery

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8:30AM - 10:00AM

# SS15: Plenary 1

\*Included in Registration SuperPass (Option A) or Registration Option C

**AUDITORIUM** 

## Moderator: Daniel J. Scott, MD | Co-Moderator: Eduardo Targarona, MD

So51 A NOVEL METHODOLOGY FOR IN VIVO ENDOSCOPIC PHENOTYPING OF COLORECTAL CANCER BASED ON REAL TIME ANALYSIS OF THE MUCOSAL LIPIDOME: A PROSPECTIVE OBSERVATIONAL STUDY OF THE IKNIFE JI Alexander<sup>1</sup>, J Balog<sup>1</sup>, A Scott<sup>1</sup>, L Gildea<sup>1</sup>, A Speller<sup>1</sup>, L Muirhead<sup>1</sup>, O Golf<sup>1</sup>, K Veselkov<sup>1</sup>, J Kinross<sup>1</sup>, S Rasheed<sup>2</sup>, J Teare<sup>1</sup>, P Tekkis<sup>2</sup>, A Darzi<sup>1</sup>, Z Takats<sup>1</sup>; <sup>1</sup>Imperial College London, <sup>2</sup>Royal Marsden Hospital

S052 SAGES 6-STEP PROTOCOL FOR MINIMIZING BILE DUCT INJURIES: A SINGLE CENTER EXPERIENCE Tushar C Barot, MD, MPH, Alexander Canales, MD, Jorge Irving, MD, Stephen W Unger, MD; Mount Sinai Medical Center

- SO53 A PROSPECTIVE, INTERNATIONAL, MULTI-INSTITUTION STUDY EVALUATING TYPE OF FIXATION AND NUMBER OF TACKS AFFECTING QUALITY OF LIFE (QOL) AFTER VENTRAL HERNIA REPAIR(VHR) Tiffany C Cox, MD, Laurel J Blair, MD, Ciara R Huntington, MD, Tanushree Prasad, MA, Vedra A Augenstein, MD, FACS, B. Todd Heniford, MD, FACS; Carolinas Medical Center
- V106 LAPAROSCOPIC HEPATECTOMY UTILIZING FLUORESCENCE IMAGING FOR IDENTIFICATION OF HEPATIC TUMORS AND PERFUSION Takeaki Ishizawa, MD, PhD, FACS, Muga Terasawa, MD, Masayuki Tanaka, MD, PhD, Genki Watanabe, MD, Yoshinori Takeda, MD, Hirofumi Ichida, MD, PhD, Ryota Matsuki, MD, Masaru Matsumura, MD, Taigo Hata, MD, Yoshihiro Mise, MD, PhD, Yosuke Inoue, MD, PhD, Yu Takahashi, MD, PhD, Akio Saiura, MD, PhD; Cancer Institute Hospital, Japanese Foundation for Cancer Research

S112 BARRETT'S ESOPHAGUS AFTER ROUX-EN- Y GASTRIC BYPASS: DOES REGRESSION OCCUR? Maria Veronica Gorodner, MD, Gaston Clemente, MD, Alejandro Grigaites, MD; Programa Unidades Bariatricas, Argentina

SAGES acknowledges our Diamond Level Donor for their support of this session: Stryker Endoscopy

9:30AM - 4:00PM

\*Included in Registration SuperPass (Option A) or Registration Option C

# Exhibits / Learning Center / Video Session

10:00AM - 10:45AM

\*Included in Registration SuperPass (Option A) or Registration Option C

## Presidential Address: Out of Chaos Comes Opportunity Speaker: Brian J. Dunkin, MD, FACS

AUDITORIUM

**EXHIBIT HALL C** 



Professor of Surgery, Houston Methodist Hospital

John F., Jr. and Carolyn Bookout Chair in Surgical Innovation & Technology

Medical Director, Methodist Institute for Technology, Innovation, and Education (MITIE)

Dr. Dunkin is a Professor of Surgery, Head of the Section of Endoscopic Surgery and Medical Director of the Methodist Institute for Technology, Innovation & Education (MITIE) at the Houston Methodist Hospital in Texas. His clinical practice is focused on advanced laparoscopic surgery and flexible GI endoscopy. His research centers on the development of novel methods and devices for endoscopic surgery, as well as the use of leading-edge technology in the development of improved training programs for surgeons.

10:45AM - 11:30AM

\*Included in Registration SuperPass (Option A) or Registration Option C

# Gerald Marks Lecture: *Tying it All Together* Speaker: Jo Buyske, MD



Dr. Buyske is the Associate Executive Director of the American Board of Surgery, and the Director of Evaluation. She is a past president of SAGES, and remains active on several committees. Her clinical career was in minimally invasive foregut surgery. She currently serves as an adjunct professor at the University of Pennsylvania School of Medicine, where she does clinical work and teaching on the emergency surgical services. Her passions include training surgeons, taking care of patients, working to provide equitable global access to surgery, running, fresh local food, and being with friends and family.

SAGES acknowledges our Diamond and Platinum Level Donors for their support of this Lecture:

Diamond: Stryker Endoscopy

Platinum: Intuitive Surgical, Karl Storz Endoscopy, Medtronic, Olympus

11:30AM - 12:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

\*Included in Registration SuperPass (Option A) or Registration Option C

AUDITORIUM

# Panel: Uh Oh! What Do I Do? Management of Endoscopic Misadventures

## Chair: John Romanelli, MD | Co-Chair: Leena Khaitan, MD

#### **SESSION DESCRIPTION**

With the increasing use of flexible endoscopy in the armamentarium of surgeons, it is important to regularly review the complications that can occur and how to manage them. There are several new products and techniques available to manage complications, such as stents, or endoscopic over-the-scope clips that can potentially keep a patient with an endoscopic complication out of the operating room. This session is designed for surgeons performing flexible endoscopic cases.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Categorize the types of complications after POEM, and describe techniques to address them
- Employ new strategies to address complications after colonoscopy
- Diagnose common complications after ERCP and review current management strategies for them

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
11:30AM	Perforation After Dilation of a Stricture	Chris Thompson, MD
11:40AM	Bleeding From a Biopsy Site	Jeffrey Marks, MD
11:50AM	Common Complications After Colonoscopy	Patricia Sylla, MD
12:00PM	Complications After ERCP	David Desilets, MD
12:10PM	Complications After POEM	John Romanelli, MD
12:20PM	Wrap Up/Q & A	Leena Khaitan, MD

#### LEARNING THEMES

Colorectal	Granting of Privileges for Gastrointestinal Endoscopy
FE Flex Endo	Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde
FOR Foregut	Cholangiopancreatography (ERCP)
New technologies/Skill acquisition	Role of Endoscopy in the Bariatric Surgery Patient
NATIONAL PRIORITIES (🗐 👧	

**GUIDELINES:** 

11:30AM - 12:30PM

## SS16: Foregut 2

#### Moderator: Marco G. Patti, MD | Co-Moderator: Daniela Molena, MD

**BALLROOM B** 

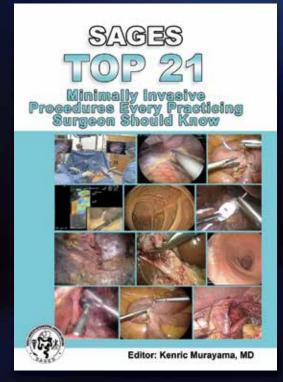
**S054 VOLUME AND OUTCOMES RELATIONSHIP IN LAPAROSCOPIC DIAPHRAGMATIC HERNIA REPAIR** <u>Matthew D Whealon, MD</u>, Juan J Blondet, MD, Michael J Phelan, PhD, Ninh T Nguyen, MD; UC Irvine

- **S055 IMPACT OF PRIOR INTERVENTIONS ON OUTCOMES DURING PER ORAL ENDOSCOPIC MYOTOMY** Andreas M Schneider, MD, Brian E Louie, MD, Drew B Schembre, MD, Ralph W Aye, MD; Swedish Medical Center Cancer Institute
- S056 EVOLVING TECHNIQUES FOR MANAGEMENT OF ANASTOMOTIC LEAK AFTER ESOPHAGEAL RESECTION: A SINGLE CENTER EXPERIENCE. <u>Steven S Cheung, MD</u>, Brian G Biggerstaff, MD, Pulkesh Bhatia, MBBS, Carrie Bertolloti, APRN, Pradeep K Pallati, MBBS, Kalyana C Nandipati, MBBS, Sumeet K Mittal, MBBS; Creighton University
- S057 FEASIBILITY AND FUNCTIONAL OUTCOMES OF LAPAROSCOPIC PROXIMAL GASTRECTOMY WITH DOUBLE TRACT RECONSTRUCTION FOR PROXIMAL GASTRIC CANCER: COMPARATIVE STUDY WITH CONVENTIONAL LAPAROSCOPIC TOTAL GASTRECTOMY Young Kyu Park, PhD, Mi Ran Jung, PhD, Seong Yeob Ryu, PhD, Oh Jeong, PhD; Chonnam National university Hwasun Hospital
- **S058 MESH AT THE HIATUS IN REVISIONAL SURGERY FOR FAILED FUNDOPLICATION: A CASE-CONTROL EVALUATION** Rana M Higgins, MD, Matthew E Bosler, BA, Max Schumm, BS, Matthew J Frelich, MS, Jon C Gould, MD; Medical College of Wisconsin
- **S059 PREDICTING MAGNETIC SPHINCTER AUGMENTATION FAILURE** Jessica L Reynolds, MD<sup>1</sup>, Joerg Zehetner, MD<sup>1</sup>, Stephanie Doggett, MS, PAC<sup>2</sup>, Vincent Mguyen, BS<sup>2</sup>, Nikolai A Bildzukewicz, MD<sup>1</sup>, F P Buckley III, MD<sup>2</sup>, John C Lipham, MD<sup>1</sup>; <sup>1</sup>University of Southern California Keck Medical Center, <sup>2</sup>Scott & White Healthcare

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- Inguinal Hernia Repair
- Ventral Hernia Repair
- Splenectomy
- Adrenalectomy
- Right Hemicolectomy & Appendectomy
- Sigmoid Colectomy/Low Anterior Resection
- Roux-en-Y Gastric Bypass
- Adjustable Gastric Band
- Ultrasound
- Distal Pancreatectomy
- Liver Biopsy and Resection
- Esophagectomy
- Gastric Resection
- Treatment of Peptic Ulcer Disease

Kenric Murayama, MD, Editor

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11:30AM - 12:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## **SS17: HPB**

**BALLROOM A** 

#### Moderator: Go Wakabayashi, MD, PhD | Co-Moderator: Abe L. Fingerhut, MD

SOGO ROLE OF ENDOSCOPIC ULTRASOUND IN DIAGNOSIS AND STAGING OF CARCINOMA GALL BLADDER Ranjith Kumar Ramasamy, MS, Thakur D Yadav, MS, Vikas Gupta, MCH, Rakesh Kochhar, DM, Saroj K Sinha, DM, Ashim Das, MD; PGIMER

- SOG1 USING TRANSTHORACIC TROCARS FOR LAPAROSCOPIC RESECTION OF SUBPHRENIC HEPATIC TUMORS Takeaki Ishizawa, MD, PhD, FACS, Hirofumi Ichida, MD, PhD, Masayuki Tanaka, MD, PhD, Muga Terasawa, MD, Genki Watanabe, MD, Yoshinori Takeda, MD, Ryota Matsuki, MD, Masaru Matsumura, MD, Taigo Hata, MD, Yoshihiro Mise, MD, PhD, Yosuke Inoue, MD, PhD, Yu Takahashi, MD, PhD, Akio Saiura, MD, PhD; Cancer Institute Hospital, Japanese Foundation for Cancer Research
- **SOG2 VALIDATION OF DIFFICULTY SCORING SYSTEM FOR LAPAROSCOPIC LIVER RESECTION IN PATIENTS UNDERWENT LAPAROSCOPIC LEFT LATERAL SECTIONECTOMY** Jai Young Cho, PhD, FACS, Ho-Seong Han, Yoo-Seok Yoon, YoungRok Choi, Jae Yool Jang, Hanlim Choi, Jae Seong Jang, Seong Uk Kwon, Chami Im; Department of Surgery, Seoul National University Bundang Hospital
- SO63 EFFECTIVE STEPWISE TRAINING AND PROCEDURE-STANDARDIZATION FOR YOUNG SURGEONS TO PERFORM LAPAROSCOPIC LEFT HEPATECTOMY <u>Mitsuo Shimada, MD</u>, Satoru Imura, MD, Yuji Morine, MD, Tetsuya Ikemoto, MD, Yu Saito, MD, Shinichiro Yamada, MD, Hiroki Teraoku, MD, Masato Yoshikawa, MD, Chie Takasu, MD; Tokushima University
- **S064 IS LAPAROSCOPIC PANCREATICODUODENECTOMY ASSOCIATED WITH IMPROVED OUTCOMES FOR PANCREATIC CANCER?** John A Stauffer, MD<sup>2</sup>, Alessandro Coppola, MD<sup>1</sup>, Kabir Mody, MD<sup>2</sup>, Elizabeth Johnson, MD<sup>2</sup>, <u>Horacio J Asbun, MD<sup>2</sup></u>; <sup>2</sup>Mayo Clinic Florida, <sup>1</sup>Universita Cattolica del Sacro Cuore, Rome, Italy
- **S065 ANALYSIS OF LEARNING CURVE FOR LAPAROSCOPIC PANCREATICODUODENECTOMY** <u>Yiping Mou, MD, FACS</u><sup>1</sup>, Chao Lu, MS<sup>2</sup>, Weiwei Jin, MD<sup>2</sup>, Xiaowu Xu, MD<sup>1</sup>, Renchao Zhang, MD<sup>1</sup>, Jiafei Yan<sup>3</sup>, Yucheng Zhou<sup>1</sup>, Chaojie Huang<sup>1</sup>, Jiayu Zhou, MD<sup>2</sup>, Ronggao Chen<sup>2</sup>, Jingrui Wang<sup>2</sup>; <sup>1</sup>Department of Gastrointestinal and Pancreatic Surgery, Zhejiang Provincial People's Hospital, <sup>2</sup>School of medicine, Zhejiang University, <sup>3</sup>Department of general surgery, SIR RUN RUN SHAW Hospital

11:30AM - 12:30PM

#### \*Included in Registration SuperPass (Option A) or Registration Option C

# SS18: Surgical Education

**ROOM 302** 

#### Moderator: Prof. Pankaj Jani | Co-Moderator: Michael M. Awad, MD

- S066 MEASURING INTRA-OPERATIVE DECISION-MAKING DURING LAPAROSCOPIC CHOLECYSTECTOMY: VALIDITY EVIDENCE FOR A NOVEL INTERACTIVE WEB-BASED ASSESSMENT TOOL <u>Amin Madani, MD</u><sup>1</sup>, Yusuke Watanabe, MD<sup>1</sup>, Philip Pucher, MD, PhD<sup>2</sup>, Elif Bilgic, BSc<sup>1</sup>, Melina C Vassiliou<sup>1</sup>, Rajesh Aggarwal, MD, PhD<sup>1</sup>, Gerald M Fried, MD<sup>1</sup>, Liane S Feldman, MD<sup>1</sup>; <sup>1</sup>McGill University, <sup>2</sup>Imperial College London
- **S067 COGNITIVE LOAD ASSESSMENT OF SIMULATED LAPAROSCOPIC SURGICAL TASKS USING OPTICAL IMAGING.** Faiz U Shariff, MD<sup>1</sup>, Mashaal Syed<sup>2</sup>, Elizabeth Renza-Stingone, MD<sup>1</sup>, Hasan Ayaz, PhD<sup>2</sup>, Andres Castellanos, MD<sup>1</sup>, D Scott Lind, MD<sup>1</sup>, Patricia A Shewokis, PhD<sup>1</sup>; <sup>2</sup>School of Biomedical Engineering, Science & Health Systems, Drexel University, Philadelphia, PA, 19104, USA, <sup>1</sup>Department of Surgery, College of Medicine, Drexel University, Philadelphia, PA 19102, USA
- **S068 `TRAINING THE SAGES TRAINERS`: A STEP TOWARD RAISING THE BAR IN THE EDUCATIONAL VALUE OF THE HANDS-ON COURSE EXPERIENCE?** <u>Susannah M Wyles</u><sup>1</sup>, Erin Schwarz<sup>2</sup>, Jonathan Dort<sup>3</sup>, Nabil Tariq<sup>4</sup>, Tom Cecil<sup>5</sup>, Mark G Coleman<sup>6</sup>, John T Paige<sup>7</sup>, Brian J Dunkin<sup>4</sup>; <sup>1</sup>UCSF, <sup>2</sup>SAGES, <sup>3</sup>Inova, VA, <sup>4</sup>MITIE, Houston, <sup>5</sup>Basingstoke, <sup>6</sup>Derriford, UK, <sup>7</sup>LSU
- S069 INCREASING RESIDENT UTILIZATION AND RECOGNITION OF THE CRITICAL VIEW OF SAFETY IN LAPAROSCOPIC CHOLECYSTECTOMY: A PILOT STUDY FROM AN ACADEMIC MEDICAL CENTER Crystal Chen, Francesco Palazzo, Stephen Doane, Jordan Winter, Harish Lavu, Karen Chojnacki, Ernest Rosato, Charles Yeo, Michael Pucci; Thomas Jefferson University
- **SOTO CHANGING ATTITUDES AND IMPROVING SKILLS: DEMONSTRATING THE VALUE OF THE SAGES FLEXIBLE ENDOSCOPY COURSE FOR FELLOWS** <u>Aimee K Gardner, PhD</u><sup>1</sup>, Jeffrey M Marks, MD<sup>2</sup>, Eric M Pauli, MD<sup>3</sup>, Arnab Majumder, MD<sup>2</sup>, Brian J Dunkin, MD<sup>4</sup>; <sup>1</sup>UT Southwestern Medical Center, <sup>2</sup>Case Western Reserve University, <sup>3</sup>Penn State Hershey Medical Center, <sup>4</sup>Houston Methodist Hospital
- S071 A SERIOUS GAME SKILLS COMPETITION INCREASES VOLUNTARY USAGE AND PROFICIENCY OF A VIRTUAL REALITY LAPAROSCOPIC SIMULATOR DURING FIRST YEAR SURGICAL RESIDENTS' SIMULATION CURRICULUM. Mostafa H El-Beheiry, BSc, MSc, MD, Greig McCreery, BEsc, MD, Christopher M Schlachta, BSc, MDCM, FRCSC, FACS; CSTAR, London Health Sciences Centre and Department of Surgery, Western University, London, CANADA

11:30AM - 12:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

\*Included in Registration SuperPass (Option A) or Registration Option C

# SS19: Robotics

#### Moderator: Lora M. Melman, MD | Co-Moderator: Keith C. Kim, MD

S072 COST ANALYSIS OF ROBOTIC VERSUS LAPAROSCOPIC GENERAL SURGERY PROCEDURES Rana M Higgins, MD, Matthew J Frelich, MS, Matthew E Bosler, BA, Jon C Gould, MD; Medical College of Wisconsin

- S073 OUTCOMES FOLLOWING ROBOTIC VENTRAL HERNIA REPAIR: A STUDY OF 21, 565 PATIENTS IN THE STATE OF NEW YORK Maria Altieri, MD, MS, Jie Yang, PhD, Aurora Pryor, MD, Jianjin Xu, MD, Andrew Bates, MD, Monica Cramer, MD, Mark Talamini, MD, Dana Telem, MD; Stony Brook
- S074 DOES THE ROBOT MAKE A DIFFERENCE? ONCOLOGIC RESECTION IN LAPAROSOPIC VERSUS ROBOT ASSISTED TRANSHIATAL ESOPHAGECTOMY Jeffrey R Watkins, MD, D Rohan Jeyarajah, MD; Methodist Dallas Medical Center
- V107 ROBOTIC EXTRALEVATOR ABDOMINOPERINEAL EXCISION OF THE RECTUM WITH PELVIC FLOOR RECONSTRUCTION USING BIOLOGIC MESH Heather M Emmerton-Coughlin, MD, FRCSC, Christopher M Schlachta, BSc, MDCM, FRCSC, FACS, Ahmed Almamar, MD, MSc, FRCSC, Newar Alkhamesi, MD, PhD, FRCSGEN, SURG, FRCS, FRCSEd, FRCSC; Western University and London Health Sciences Centre
- V108 ROBOTIC-ASSISTED EXCISION OF TYPE I CHOLEDOCHAL CYST WITH HEPATICODUODENOSTOMY Maitham A Moslim, MD, Matthew Davis, MD, Gareth Morris-Stiff, MD, Federico G Seifarth, MD; Cleveland Clinic Foundation
- **S075 LAPAROSCOPIC VERSUS ROBOTIC COLECTOMY: A NATIONAL SURGICAL QUALITY IMPROVEMENT PROJECT ANALYSIS** <u>Scott</u> <u>Dolejs, MD</u>, Eugene Ceppa, MD, Benjamin Zarzaur, MD, MPH; Indiana University School Of Medicine</u>

11:30AM - 12:30PM

# **SS20: Inguinal Hernia**

## Moderator: Dean J. Mikami, MD | Co-Moderator: Melissa Phillips Lapinska, MD

S076 MULTI-CENTER ANALYSIS OF ROBOTIC INGUINAL HERNIA OUTCOMES ACROSS NEW YORK STATE Monica Cramer, Jie Yang, PhD, Maria Altieri, MD, Aurora Pryor, Yaqi Xue, Mark Talamini, Dana A Telem, MD; Stony Brook Medicine

- S077 LAPAROSCOPIC VERSUS OPEN INGUINAL HERNIA REPAIR IN THE OBESE: AN AMERICAN COLLEGE OF SURGEONS NSQIP CLINICAL OUTCOMES ANALYSIS Dvir Froylich, MD, Ivy Haskins, MD, Ali Aminian, MD, Zhamak Khorgami, MD, Mena Boules, MD, Stacy Brethauer, MD, Phillip Schauer, MD, Michael Rosen, MD; Cleveland Clinic
- S078 A PROSPECTIVE RANDOMIZED COMPARISON OF TESTICULAR FUNCTION, SEXUAL FUNCTION AND QUALITY OF LIFE FOLLOWING LAPAROSCOPIC TOTALLY EXTRA PERITONEAL (TEP) AND TRANS ABDOMINAL PRE-PERITONEAL (TAPP) INGUINAL HERNIA REPAIR Mahesh C Misra, Prateek Manik, Virinder K Bansal, Krishna Asuri, Rajesh Sagar, Anand Kumar, Subodh Kumar, Atin Kumar, Rajeshwari Subramaniam; All India Institute of Medical Sciences
- **S079 LAPAROSCOPIC INGUINAL HERNIA REPAIR WITHOUT GENERAL ANESTHESIA** <u>Mersadies Martin, MS, MD</u><sup>1</sup>, Amy Banks-Venegoni, MD<sup>2</sup>, Erica Kane, MD<sup>1</sup>, Alexander Knee, MS<sup>1</sup>, John Romanelli, MD<sup>1</sup>, David Earle, MD<sup>1</sup>; 'Baystate Medical Center, Tufts University, <sup>2</sup>Spectrum Health Medical Group, Department of Surgery
- **SOBO TREATMENT OF ROUTINE ADOLESCENT INGUINAL HERNIA VASTLY DIFFERS BETWEEN PEDIATRIC SURGEONS AND GENERAL SURGEONS** <u>Nicholas E Bruns, MD</u><sup>1</sup>, Ian C Glenn, MD<sup>1</sup>, Neil L McNinch, MS, RN<sup>1</sup>, Michael J Rosen, MD<sup>2</sup>, Todd A Ponsky, MD<sup>1</sup>; <sup>1</sup>Akron Children's Hospital, <sup>2</sup>Cleveland Clinic
- S081 LONG TERM PATTERNS AND PREDICTORS OF PAIN FOLLOWING LAPAROSCOPIC INGUINAL HERNIA REPAIR: A PATIENT CENTERED ANALYSIS Lav Y Patel, Matthew Gitelis, Brittany Lapin, John Linn, Michael Ujiki, Woody Denham; Northshore University Health System

**BALLROOM C** 

**ROOM 304** 

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS21: Exhibit Hall Video Presentations

EXHIBIT HALL C - THEATRE (Non-CME Activity)

SAGES does not offer CME for this event

11:30AM - 1PM SS21-A

#### Moderator: Matthew I. Goldblatt, MD | Co-Moderator: Caitlin A. Halbert, DO

V109 REVISION ROUX LIMB Ravi Kapadia, MD, Erin Moran-Atkin, MD; Montefiore Medical Center

- V110 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION WITH RADICAL LYMPH NODE DISSECTION VIA 3-DIMENTINALY RECOGNITION OF GASTROCOLIC TRUNK FOR RIGHT COLON CANCER Y Tsuruda, S Mori, Y Kita, K Baba, M Yanagi, T Tanaka, Y Mataki, K
- Maemura, Y Uchikado, Y Uenosono, A Nakajo, S Natsugoe; Kagoshima University **V111 LAPAROSCOPIC REVISION OF VERTICAL BANDED GASTROPLASTY TO ROUX-EN-Y GASTRIC BYPASS** John Primomo, MD, FACS, FASMBS<sup>1</sup>, <u>Tanyaradzwa Kajese, MD<sup>2</sup></u>, Garth Davis, MD, FACS, FASMBS<sup>1</sup>, Robert Davis, MD, FACS, FASMBS<sup>1</sup>, Shinil Shah, DO<sup>2</sup>; <sup>1</sup>The University of Texas Health Science Center at Houston, The Davis Clinic, <sup>2</sup>The University of Texas Health Science Center at Houston
- V112 LAPOROSCOPIC TREAMENT OF GASTRO-COLIC FISTULA: A RARE COMPLICATION OF SLEEVE GASTRECTOMY Fabio Garofalo, MD, Anne-Sophie Studer, MD, Henri Atlas, MD, Ronald Denis, MD, Pierre Garneau, MD, Radu Pescarus; Hopital du Sacre-Coeur de Montreal
- V113 REDEFINING PERFUSION: FLUORESCENCE ANGIOGRAPHY IN SLEEVE GASTRECTOMIES <u>Shanglei Liu, MD</u>, Ran B Luo, MD, Jonathan C DeLong, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Bryan J Sandler, MD, FACS, Garth R Jacobsen, MD, FACS, Santiago Houghton, MD, FACS; University of California, San Diego
- V114 SMA SYNDROME: LAPAROSCOPIC HANDSEWN DUODENOJEJUNOSTOMY Pearl Ma, MD, Subhash Reddy, MD, Daniel Swartz, MD, Keith Boone, MD, Kelvin Higa, MD; University of San Francisco, Fresno
- V115 EXTRAMESORECTAL EXCISION (EME) FOR POSTERIOR TUMORS WITH THREATENED CIRCUMFERENTIAL RESECTION MARGINS Taha Sheikh, Slawomir Marecik, MD, George Melich, Joaquin Estrada, MD, John Park, Prasad Leela; Advocate Lutheran General Hospital V116 LAPAROSCOPIC TOTAL GASTRECTOMY FOR MENETRIER'S DISEASE Kristin W Beard, MD, Ahmed Sharata, MD, Paul Colavita, MD,
- Christy Dunst, MD, Lee Swanstrom, MD, Kevin Reavis, MD; The Oregon Clinic
- V117 TRANSANAL HARTMANN REVERSAL Borja de Lacy, MD, Raquel Bravo, Marta Jimenez, Maria Fernandez, Luis Flores, Silvia Quaresima, Am Lacy; Hospital Clinic Barcelona

#### 1PM-2:30PM SS21-B

#### Moderator: Hobart Harris, MD | Co-Moderator: Jeffrey W. Hazey, MD

V118 A CASE OF MALROTATION AND SITUS INVERSUS TOTALIS <u>Patrick J Shabino</u>, Jacob Greenberg, MD; University of Wisconsin V119 INCIDENTAL FINDING OF LIGATED LEFT GASTRIC PEDICLE DURING REVISION OF VBG TO BYPASS <u>Michael J Mulcahy, MD</u>, James P Villamere, MD, Matthew Kroh, MD, John Rodriguez, MD; Cleveland Clinic Foundation

- V120 REVISIONAL BARIATRIC SURGERY: POSTOPERATIVE BLEEDING AFTER A SLEEVE Ana Otero, Ricard Corcelles, Salvadora Delgado, Antonio de Lacy; Hospital Clinic, Barcelona
- V121 A TECHNIQUE OF LAPAROSCOPIC LATERAL PELVIC LYMPH NODE DISSECTION BASED ON VESICOHYPOGASTRIC FASCIA AND URETEROHYPOGASTRIC NERVE FASCIA FOR ADVANCED LOW RECTAL CANCER. <u>Akiyo Matsumoto, MD</u>, Kaida Arita, MD; Tsuchiura Kyodo General Hospital
- V122 LAPAROSCOPIC MORGAGNI HERNIA REPAIR Benjamin Biteman, MD, Fredrick Brody, MD, FACS; The George Washington University Medical Center
- V123 ROBOTIC TRANSLEVATOR ABDOMINAL PERINEAL RESECTION FOR AN EARLY ANASTOMOTIC RECTAL CANCER RECURRENCE AFTER LOW ANTERIOR RESECTION. Elisabeth C McLemore, MD, Vikram Attaluri, MD, Anna T Tsay, NP, Michele A Fujimoto, MD, Dana Saadat, MC, Rex A Parker, MD, Winston Lien, MD, Aroor Rao, MD; Kaiser Permanente Los Angeles Medical Center
- V124 STOMACH INTESTINAL PYLORUS SPARING SURGERY (SIPS) WITH LAPAROSCOPIC FUNDOPLICATION (LF) Amit Surve, MD, Hinali Zaveri, Daniel Cottam, Christina Richards, Walter Medlin, Legrand Belnap, Samuel Cottam, Austin Cottam; Bariatric Medicine Institute
- V125 MANAGEMENT OF MIS ESOPHAGECTOMY COMPLICATIONS: A MULTIDISCIPLINARY 'STEP-UP APPROACH' Stylianos Tzedakis, Bernard Dallemagne, Emanuele Boatta, Marius Nedelcu, Didier Mutter, Silvana Perretta; Nouvel Hopital Civil
- V126 COMBINED LAPAROSCOPIC AND TAMIS LAR IN A MORBIDLY OBESE PATIENT AFTER OPEN RIGHT HEPATECTOMY Claudya Morin, MD<sup>1</sup>, Francois Letarte, MD, FRCSC<sup>2</sup>, Alexandre Bouchard, MD, FRCSC<sup>1</sup>, Sebastien Drolet, MD, FRCSC<sup>1</sup>; <sup>1</sup>St-Francois-d'Assise Hospital, Laval University, Quebec City, QC, <sup>2</sup>St. Paul's Hospital, University of British Columbia, Vancouver, BC

#### 2:30PM - 4PM SS21-C

#### Moderator: F. Paul Buckley, MD | Co-Moderator: Debbie F. Youngelman, MD

- V127 SILS ILEOCAECECTOMY FOR COMPLICATED ILEO-COLONIC CROHN'S DISEASE Jamie Murphy, BChir, PhD, FRCS; Academic Surgical Unit, Imperial College, London, UK
- V128 RIGHT THORACOSCOPIC (VATS) TRUNCAL VAGOTOMY FOR MARGINAL ULCERS AFTER GASTRIC BYPASS SURGERY Elliot C Pennington, Donald T Hess, Hiran C Fernando, Virginia R Litle; Boston University Medical Center
- V129 PREVENTION OF POSTOPERATIVE SLEEVE GASTRECTOMY LEAKS USING A MEDIAL TO LATERAL TECHNIQUE AND PYLORIC BOTOX INJECTION Aram E Jawed, MD, Amir H Moazzez, MD, FACS, FASMBS; INOVA Bariatric Surgery, INOVA Fair Oaks Hospital
- V130 LAPAROSCOPIC REPAIR OF MORGAGNI HERNIA WITH TENSION-FREE MESH CLOSURE Caitlin C Houghton, MD, Alisa Coker, Ran B Luo, Jonathan Delong, Shang Lei Liu, Bryan Sandler, Garth Jocobsen, Santiago Horgan; UC San Diego
- V131 STEP-BY-STEP LAPAROSCOPIC REVISION OF ROUX-EN-Y GASTRIC BYPASS FOR GASTROGASTRIC FISTULA, PARTIAL GASTRECTOMY, AND ROUX-EN-Y GASTROJEJUNOSTOMY Sofiane El Djouzi, MD, MS, FRCS, FACS, Sean McCalmon; Poplar Bluff Regional Medical Center
- V132 MAGNETIC SPHINCTER AUGMENTATION AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Jessica L Reynolds, MD, Joerg Zehetner, MD, <u>Kais Rona, MD</u>, John C Lipham, MD; University of Southern California Keck Medical Center
- V133 ROBOT ASSISTED REPAIR OF DIAPHRAGMATIC HERNIA Matthew L Dong, MD, MPh, Kevin El-Hayek, MD; Cleveland Clinic
- V134 LAPAROSCOPIC TRANSGASTRIC EGD-GUIDED REMOVAL OF A GASTRIC BAND WITH COMPLETE EROSION OF THE STOMACH WALL Bestoun H Ahmed, MD, FRCS, FACS, Abubaker Ali, MD, Ziad Awad, MD, Michael Latzko, MD, Michael Nussbaum, MD, FACS; UF COM-Jacksonville FL

12:30PM - 2:00PM

\*Lunch: Separate Fee Applies

\*\*Lectures: Included in Registration SuperPass (Option A) or Registration Option C

## Fellowship Council Luncheon – The Value of a Surgery Fellowship to My Patients and My Career Chair: Edward Lin, MD

**ROOM 306** 

#### **SESSION DESCRIPTION**

Graduates of 5-year surgical residencies continue to seek fellowship training at record rates. Will a 1-year or 2-year surgical fellowship really change a career trajectory? Does the fellowship bridge gaps in general surgical education? Will a fellowship-trained surgeon better serve our patients' needs? What does an employer look for in hiring a general surgeon?

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- Identify both the value and the fallacy of a surgical fellowship
- · Recognize the needs of the public that allows Fellows and Program Directors to construct relevant fellowship programs
- · Prepare fellows for career possibilities after training

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
12:30PM	The Question: What is the Value of a Surgery Fellowship?	Edward Lin, DO
12:35PM	Can Fellowship Programs Add Value To Patients?	Geoffrey Kohn, MD
12:45PM	What Are MIS Fellows Doing Now?	Adrian E. Park, MD
1:00PM	The Fellowship Prepared Me for Community Practice	Gavin French, MD
1:10PM	The Fellowship Prepared Me for Academic Practice	Farzad Alemi, MD
1:20PM	What I Need From My Surgeons: A CEO's Perspective?	Bryce Gartland, MD
1:35PM	Panel	Q&A Speakers

**LEARNING THEMES** 

AE Academic/Educational

**GUIDELINES:** 

- Curriculum Outline for Resident Education
- Educational Mission Statement
- Framework for Post-Residency Surgical Education & Training
- Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques

## NATIONAL PRIORITIES 💥 💲

SAGES acknowledges an educational grant in support of this activity from Intuitive Surgical

#### 12:30PM - 2:00PM

#### \*Included in Registration SuperPass (Option A) or Registration Option C

## Free Eat & Greet Lunch in the Exhibit Hall for All Attendees EXHIBIT HALL C



2:00PM - 4:00PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SAGES University Masters Series: Expert Colorectal Surgeons Share Their Experiences Chair: Tonia Young-Fadok, MD | Co-Chair: Steven Wexner, MD

**BALLROOM C** 

#### **SESSION DESCRIPTION**

Many General Surgeons are faced with colorectal pathology that would challenge trained colorectal surgeons. Colon and rectal cancers are the 2nd most common cause of cancer deaths - we aim to help reduce that statistic. Diverticulitis is a common problem, a huge burden on healthcare finances, and could be managed more optimally for patient quality of life. Inflammatory phlegmons may harbor diverticulitis or Crohn's disease - certain technical details may allow patients to benefit from a minimally invasive approach.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Establish data analytics that measure performance during resection of rectal cancer in a highly technical operation in order to achieve a recurrence rate of less than 4% and a permanent stoma rate of less than 5%
- Understand the principles necessary to perform an oncologically correct resection of colon cancer laparoscopically with an adequate lymphadenectomy
- Decide upon the best operation for perforated diverticulitis that minimizes patient morbidity and maximizes the chances of not having a permanent colostomy
- Utilize technical tips and tricks to deal with inflammatory phlegmons

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
2:00PM	Dealing with Diverticular and Crohn's Phlegmons	Barry Salky, MD
2:30PM	Where Are We With Perforated Diverticulitis?	James Fleshman, MD
3:00PM	Rethinking Colon Resection for Cancer - Lessons Learned From Rectal Cancer	Hermann Kessler, MD
3:30PM	Rectal Cancer - Finding Those Holy Planes and Structures	George Chang, MD

#### LEARNING THEMES

C Colorectal

#### **GUIDELINES:**

- ASCRS/SAGES Guidelines for Laparoscopic Colectomy Course
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer
  - Laparoscopic Colectomy for Curable Cancer

#### NATIONAL PRIORITIES (🗐 🐼

NS New technologies/Skill acquisition

SAGES acknowledges an educational grant in support of this course from Intuitive Surgical



#### **SAGES Scientific Session & Postgraduate Course**

March 22 - 25, 2017, Houston TX

SAGES/CAGS hosted World Congress of Endoscopic Surgery

April 11-14, 2018, Seattle WA

2:00PM - 3:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

# Panel: Complications in Bariatrics, Early Diagnoses is **Paramount to Salvaging a Morbid Condition**

**BALLROOM A** 

# Chair: Diego Camacho, MD | Co-Chair: Joshua Alley, MD

#### **SESSION DESCRIPTION**

Morbid obesity has reached epidemic proportions in the United States affecting one in three Americans. Bariatric surgery is central to the treatment of this disease and has proven efficacy in sustained weight reduction as well as resolution of co-morbid conditions including diabetes and hypertension. The clear benefits of weight reductive surgery have driven the case volume of bariatrics to near 130,000/year and with this, improved surgical outcomes. However, when complications do occur the results can be devastating with high rates of morbidity and mortality.

#### SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- · Early recognition of acute and chronic bariatric complications
- · Identify the best operative and non-operative approaches to salvage bariatric complications including staple line disruption, anastomotic leak, and strictures
- · Recognize and manage the sequela of acute and chronic complications following bariatric surgery including anastomotic stricture, marginal ulcers, and chronic abdominal pain

#### **ACTIVITY OUTLINE**

2:12PM       Anastomotic Leak Following Gastric Bypass       Jenny Jee-Eun Choi, N         2:24PM       Gastric Band Erosions Endoscopic vs Surgical Approach       Dana Portenier, N         2:36PM       Management of Gastro-Gastric Fistula       Raul Rosenthal, N         2:48PM       Hiatal Hernia and GERD After Sleeve Gastrectomy       Natan Zundel, N	Time	Presentation Title	Invited Faculty
2:24PM       Gastric Band Erosions Endoscopic vs Surgical Approach       Dana Portenier, N         2:36PM       Management of Gastro-Gastric Fistula       Raul Rosenthal, N         2:48PM       Hiatal Hernia and GERD After Sleeve Gastrectomy       Natan Zundel, N	2:00PM	Endoscopic Intervention for Complications Following Sleeve Gastrectomy	Manoel Galvao Neto, MD
2:36PM     Management of Gastro-Gastric Fistula     Raul Rosenthal, N       2:48PM     Hiatal Hernia and GERD After Sleeve Gastrectomy     Natan Zundel, N	2:12PM	Anastomotic Leak Following Gastric Bypass	Jenny Jee-Eun Choi, MD
2:48PM Hiatal Hernia and GERD After Sleeve Gastrectomy Natan Zundel, N	2:24PM	Gastric Band Erosions Endoscopic vs Surgical Approach	Dana Portenier, MD
	2:36PM	Management of Gastro-Gastric Fistula	Raul Rosenthal, MD
3:00PM Management of Chronic Marginal Ulcer Bipan Chand, M	2:48PM	Hiatal Hernia and GERD After Sleeve Gastrectomy	Natan Zundel, MD
	3:00PM	Management of Chronic Marginal Ulcer	Bipan Chand, MD
3:12PM Is Roux-En-Y Gastric Bypass the Best Surgical Option Following Bariatric Complications Ninh T. Nguyen, N	3:12PM	Is Roux-En-Y Gastric Bypass the Best Surgical Option Following Bariatric Complications	Ninh T. Nguyen, MD

#### **LEARNING THEMES**

**B** Bariatrics

#### **GUIDELINES:**

- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
- Guidelines for Deep Venous Thrombosis Prophylaxis During Laparoscopic Surgery
- Guidelines for Diagnostic Laparoscopy
- Role of Endoscopy in the Bariatric Surgery Patient

#### NATIONAL PRIORITIES -m

SAGES acknowledges an educational grant in support of this panel from Stryker Endoscopy

#### 2:00PM - 3:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## Debate: Robotic Debates - Residents, Robots or Both? Chair: Daniel Herron, MD | Co-Chair: Santiago Horgan, MD

**BALLROOM B** 

# SESSION DESCRIPTION

While there is tremendous enthusiasm from surgical residents to learn robotic surgery, surgical educators are strongly divided in their opinions. Are robotics a necessary tool of the general surgeon? Is robotic surgery so different from laparoscopic surgery that it must comprise a separate component of resident education? Is the robot just too expensive and unwieldy to use as a training tool? Nationally recognized experts in surgical education and robotic surgery will face each other in this session to debate how robotic surgery fits into the framework of surgical education. The audience will decide who the winner is!

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Articulate whether robotic surgery is a necessary tool of the general surgeon
- Distinguish whether robotic surgery is so different from laparoscopic surgery that it must be a separate component of resident education •
- Formulate whether the results of robotic surgery education is worth the expense in time and resources

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
2:00PM	Introduction and Welcome	Daniel Herron, MD
2:05PM	Robotics Is a Necessary Tool of the General Surgeon - Agree	Steven Schwaitzberg, MD
2:15PM	Robotics Is a Necessary Tool of the General Surgeon - Disagree	Fernando Santos, MD
2:25PM	Discussion, Q/A	All
3:03PM	Robotic Surgery Is so Different from Laparoscopic Surgery That it Must Be a Separate Component of Resident Education - Agree	Mark Talamini, MD
3:13PM	Robotic Surgery Is so Different from Laparoscopic Surgery That it Must Be a Separate Component of Resident Education - Disagree	Alfons Pomp, MD
3:21PM	Discussion, Q/A	All
3:31PM	Economics – The Robot Is too Expensive to Use as a Training Tool - Agree	Bruce Schirmer, MD
3:41PM	Economics – The Robot Is too Expensive to Use as a Training Tool - Disagree	Dmitry Oleynikov, MD
3:49PM	Discussion, Q/A	All

#### **LEARNING THEMES**

#### **GUIDELINES:**

AE Academic/Educational

#### A Consensus Document on Robotic Surgery NS New technologies/Skill acquisition • Curriculum Outline for Resident Education

- Ethical Considerations Regarding the Implementation of New Technologies and **Techniques in Surgery**
- Framework for Post-Residency Surgical Education & Training
- Integrating Advanced Laparoscopy into Surgical Residency Training A SAGES Position Paper
- Position Statement on Advanced Laparoscopic Training

To fully comply with ACCME regulations, all SAGES Meeting attendees must have their badge before entering any course or session room in order to receive CME credit for that event.

#### 2:00PM - 3:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

#### Panel: Difficulties and Complications in Ventral Hernia Repair AUDITORIUM Chair: David Iannitti, MD | Co-Chair: Michael Pucci, MD

#### SESSION DESCRIPTION

Commonly performed by abdominal surgeons, ventral hernia repairs can pose challenging circumstances and complications. In this session, focus will be placed on appropriate patient selection and management of intraoperative and postoperative complications.

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- · Describe specific patient factors to optimize prior to ventral hernia repair
- Better manage intra-operative contamination during hernia repair
- · Describe advanced techniques for closure and repair of the complicated hernia
- Improved identification and management of postoperative mesh infections

#### **ACTIVITY OUTLINE**

Presentation Title	Invited Faculty
Management of Incidental Contamination During Ventral Hernia Repair	Gina Adrales, MD, MPH
Closure of the Difficult Abdomen	Kristi Harold, MD
Management of Wound and Mesh Infections B.	Todd Heniford, MD
Prevention of Ventral Hernia Complications	Robert Martindale, MD
Q&A	
	Management of Incidental Contamination During Ventral Hernia Repair Closure of the Difficult Abdomen Management of Wound and Mesh Infections B. Prevention of Ventral Hernia Complications

#### **LEARNING THEMES**

HR Hernia

2:00PM - 3:00PM

#### **GUIDELINES:**

· Guideline for Laparoscopic Ventral Hernia Repair

NATIONAL PRIORITIES

\*Included in Registration SuperPass (Option A) or Registration Option C

## Panel: Telementoring - A New Paradigm in Surgical Training Chair: Christopher Schlachta, MD | Co-Chair: Todd Ponsky, MD

#### **SESSION DESCRIPTION**

The rapid evolution of surgical technology now means that the practice of surgery requires more than just lifelong learning, but also lifelong retraining. Telementoring is emerging as a practical solution to the safe introduction of novel technologies into frontline clinical care. This session will provide insight into the challenges and progress being made in creating surgical telementoring programs.

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- Appraise the available evidence surrounding the educational benefits of surgical telementoring
- Calculate the technical requirements of participating in, or initiating a surgical telementoring program
- Articulate the outcome and initiatives that have arisen from the 2015 SAGES Project 6 Summit

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
2:00PM	Introduction	Brian J. Dunkin, MD
2:05PM	Skills Acquisition Model	Todd Ponsky, MD
2:15PM	Technical Considerations	Etai Bogen, MD
2:25PM	Logistical Challenges	Steven Rothenberg, MD
2:35PM	SAGES Project 6 Summit	Christopher Schlachta, MD
2:45PM	Discussion	Panel

### **LEARNING THEMES**

AE Academic/Educational NS New technologies/Skill acquisition

#### **GUIDFLINES:**

- Framework for Post-Residency Surgical Education & Training
- · Guidelines for the Surgical Practice of Telemedicine

**ROOM 304** 

NATIONAL PRIORITIES (E) 🔇 (S

2:00PM - 3:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS22: All Video All the Time: Foregut

#### Moderator: William S. Richardson, MD | Co-Moderator: Vimal K. Narula, MD

V135 ROBOTIC RESECTION OF A GE JUNCTION ADENOCARCINOMA Eric Davies, MD, Rupert Horoupian, MD; Department of Surgery, Alta Bates Summit Medical Center, Oakland, CA

- V136 LAPAROSCOPIC-ASSISTED THORACOTOMY FOR INTRATHORACIC STOMACH: A HYBRIDIZED APPROACH Joel R Brockmeyer, MD<sup>1</sup>, Andrew D Van Osdol, MD<sup>1</sup>, Venki Paramesh, MD<sup>2</sup>, Shanu N Kothari, MD<sup>2</sup>; <sup>1</sup>Gundersen Medical Foundation, <sup>2</sup>Gundersen Health System
- V137 ROBOTIC-ASSISTED HEINEKE-MIKULICZ PYLOROPLASTY AND GASTRIC ELECTRICAL STIMULATION THERAPY FOR DIABETIC AND POST-SURGICAL GASTROPARESIS: A CASE REPORT Morgan D Floyd, <u>Kent R Van Sickle, MD</u>; UTHSCSA
- V138 MAGNETIC SPHINCTER AUGMENTATION WITH A LARGE HIATAL HERNIA Jessica L Reynolds, John Lipham, MD; University of Southern California
- V139 ROBOTIC-ASSISTED REPAIR OF A GIANT PARAESOPHAGEAL HIATAL HERNIA IN A PATIENT WITH SCOLIOSIS Federico Serrot, MD<sup>1</sup>, Julia Samame, MD<sup>1</sup>, Matthew Apel, MD<sup>1</sup>, Hannah Loebl, MS<sup>2</sup>, Iman Ghaderi, MD<sup>1</sup>, Carlos Galvani, MD<sup>1</sup>; <sup>1</sup>Banner University Medical Center, <sup>2</sup>University Of Arizona, College of Medicine
- V140 WHY THE NISSEN-HILL HYBRID IS BETTER THAN NISSEN FUNDOPLICATION Gal Levy, MD, Ralph W Aye, MD, FACS; Swedish Medical Center
- V141 LAPAROSCOPIC PROXIMAL GASTRECTOMY, LYMPADENECTOMY AND JEJUNAL INTERPOSITION FOR GASTRIC ADENOCARCINOMA. Mohan Ramalingam, MD, Nestor De La Cruz-Munoz, MD; University of Miami
- V142 ROBOTIC-ASSISTED ESOPHAGECTOMY WITH FLUORESCENCE ANGIOGRAPHY Jonathan C DeLong, MD, Shanglei Liu, MD, Ran B Luo, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Garth R Jacobsen, MD, Bryan J Sandler, MD, Michael Bouvet, MD, Santiago Horgan, MD; Department of Surgery UC San Diego
- V143 LAPAROSCOPIC TOTAL GASTRECTOMY FOR JUVENILE POLYPOSIS. <u>Yulia Zak, MD</u><sup>1</sup>, Ozanan R Meireles, MD<sup>2</sup>, David W Rattner, MD, FACS<sup>2</sup>; <sup>1</sup>Mount Sinai Beth Israel, <sup>2</sup>Massachusetts General Hospital

#### 3:00PM - 4:00PM

## Panel: MIS in Acute Care Surgery Chair: Jonathan Pearl, MD | Co-Chair: Danielle Walsh, MD

\*Included in Registration SuperPass (Option A) or Registration Option C

**ROOM 304** 

**ROOM 302** 

#### SESSION DESCRIPTION

Emergency general surgery has traditionally required laparotomy. As techniques have evolved, minimally invasive techniques have supplanted open surgery in many cases. This panel session will explore the emergency surgery conditions amenable to laparoscopy and other minimally invasive techniques.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Identify the emergency conditions amenable to minimally invasive surgery
- Develop a plan to implement MIS for acute conditions into their practice
- Recognize the limitations of MIS for acute conditions

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:00pm	Introduction	Jonathan Pearl, MD
3:05pm	MIS for Foregut Emergencies – Gastric Volvulus and Outlet Obstruction	Kyle Perry, MD
3:15pm	MIS for Pancreatic Emergencies	Karen Horvath, MD
3:25pm	MIS in Colon Disorders – Diverticula and C Difficile	Joanne Favuzza, MD
3:35pm	MIS for Pediatric Surgery Emergencies	Gretchen Purcell Jackson, MD, PhD
3:45pm	Q&A	Panel

#### **LEARNING THEMES**

C Colorectal

SO Solid Organ

FOR Foregut

HR Hernia

HPB HPB

#### **GUIDELINES:**

- Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
- Guidelines for Diagnosis, Treatment, and Use of Laparoscopy for Surgical Problems
   during Pregnancy
- Guidelines for Diagnostic Laparoscopy
- Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques
- · Guidelines for the Management of Hiatal Hernia

NATIONAL PRIORITIES



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3:30PM - 6:00PM

## **Session: Emerging Technology**

#### Chair: Shawn Tsuda, MD | Co-Chair: Giovanni Dapri, MD PhD

AUDITORIUM (Non-CME Activity)

\*Included in Registration SuperPass (Option A) or Registration Option C

SAGES does not offer CME for this event

#### **SESSION DESCRIPTION**

The Emerging Technology Session of the SAGES 2016 Annual Meeting features the latest and newest techniques and technologies in gastrointestinal and endoscopic surgery. This 2.5 hour session is addressed to surgeons searching for new technologies, to medical staff open to future perspectives and to industry partners investing research in new developments.

- **ETOO1 MAGNAMOSIS: FIRST-IN-HUMAN APPLICATION** <u>Claire E Graves, MD</u>, Ryan S Hsi, MD, Selma Masic, MD, Jill Imamura-Ching, RN, Marshall L Stoller, MD, Michael R Harrison, MD; University of California, San Francisco
- **ETOO2 A NOVEL ENDOSCOPIC TREATMENT FOR RESOLVING TYPE 2 DIABETES MELLITUS** Yoav Mintz, MD<sup>1</sup>, Santiago Horgan, MD<sup>2</sup>, Pablo Omelanczuk, MD<sup>3</sup>, Steven Haas<sup>4</sup>, Izhak Fabian, MSC<sup>4</sup>; <sup>1</sup>Hadassah Medical Center, <sup>2</sup>University of California San Diego, <sup>3</sup>Hospital Italiano de Mendoza, <sup>4</sup>EasyNOTES Medical
- ET003 NOVEL MAGNETIC TECHNOLOGY FOR ENHANCING SLEEVE GASTRECTOMY. FIRST RESULTS IN PATIENTS Marcos Berry, MD<sup>1</sup>, Lionel Urrutia, MD<sup>1</sup>, Maria Jose Dominguez, MD<sup>1</sup>, Matthew Kroh, MD<sup>2</sup>; <sup>1</sup>Bariatric Surgery Unit, Clinica Las Condes, Santiago, Chile, <sup>2</sup>Cleveland Clinic, Cleveland, USA
- ET004 ROBONAUT 2.0 DEVELOPING THE HUMANOID ROBOT OF THE FUTURE Vid Fikfak, MD<sup>1</sup>, Albert Huang, MD<sup>1</sup>, Myron Diftler, PhD, MS, BSE<sup>2</sup>, David A Kerr, MS<sup>3</sup>, Marc Dean, MD<sup>4</sup>, Brian J Dunkin, MD, FACS<sup>1</sup>; <sup>1</sup>Houston Methodist Hospital, <sup>2</sup>NASA, <sup>3</sup>Jacobs, <sup>4</sup>Baylor All Saints Medical Center
- ET005 LITTLE GIANTS: SMALLER AND SMARTER APPROACHES ARE TAKING MINIMALLY INVASIVE SURGERY TO THE NEXT LEVEL William F Buitrago, MD, PhD, Thomas T Wang, MD, Philip L Leggett, MD; University of Texas, Houston, Department of Surgery; Houston Northwest Medical Center, Houston, TX.
- **ETOOG TISSUE DETECTION FOR INTEGRATION INTO MINIMALLY INVASIVE SURGICAL TOOLS** Shetha A Shukair, PhD<sup>1</sup>, Amal Chaturvedi, PhD<sup>1</sup>, Paul A LeRolland, MS<sup>1</sup>, Kyle R Miller, MD, MBA<sup>2</sup>, Mayank Vijayvergia, MS<sup>1</sup>, Hariharan Subramanian, PhD<sup>1</sup>, Jonathan W Gunn<sup>1</sup>; <sup>1</sup>Briteseed, LLC, <sup>2</sup>Northwestern University Feinberg School of Medicine
- **ET007 ROBUST AUGMENTED REALITY REGISTRATION METHOD FOR LOCALIZATION OF SOLID ORGANSÂ'TUMORS USING CT-DERIVED VIRTUAL BIOMECHANICAL MODEL AND FLUORESCENT FIDUCIALS** <u>Seong-Ho Kong, MD, PhD</u><sup>1</sup>, Nazim Haouchine, PhD<sup>2</sup>, Renato Soares, MD<sup>3</sup>, Bruno Marques<sup>2</sup>, Michele Diana, MD<sup>3</sup>, Galyna Shabat, MD, PhD<sup>4</sup>, Bohdan Andreiuk<sup>5</sup>, Andrey Klymchenko, PhD<sup>5</sup>, Thierry Piechaud, MD, PhD<sup>6</sup>, Stephane Cotin, PhD<sup>2</sup>, Jacques Marescaux, MD, FACS, Hon, FRCS, Hon, FJSES, Hon, APSA<sup>4</sup>; <sup>1</sup>IHU-Strasbourg, Institute for Image-Guided Surgery, Strasbourg, France and Seoul National University Hospital, Seoul, Korea, <sup>2</sup>INRIA Mimesis and IHU-Strasbourg, Institute for Image-Guided Surgery, Strasbourg, France, <sup>3</sup>IHU-
- ET008 ELECTROSTATIC PRECIPITATION PRESSURIZED INTRAPERITONEAL AEROSOL CHEMOTHERAPY (EPIPAC): FIRST IN-HUMAN APPLICATION Marc A Reymond; Ruhr-University Bochum
- ET009 ROUTINE USE OF INTRAOPERATIVE FLUORESCENT CHOLANGIOGRAPHY DURING ROBOTIC CHOLECYSTECTOMY MINIMIZES RISK OF COMMON BILE DUCT INJURY AND DECREASES OPERATIVE TIME Thomas J Shaknovsky, DO, Frederick Sabido, MD, FACS; Richmond University Medical Center, Affiliate of Downstate Medical Center, Department of Minimally Invasive Surgery
- ETO10 TRANSANAL SURGERY USING THE NOVEL TRIANGULATING FMX314 SURGICAL PLATFORM: INITIAL EXPERIENCE AND TECHNICAL DETAILS <u>Hans F Fuchs, MD</u><sup>1</sup>, Karl-Hermann Fuchs, MD<sup>2</sup>, Garth R Jacobsen<sup>3</sup>, Bryan J Sandler<sup>3</sup>, Santiago Horgan, MD<sup>3</sup>; <sup>1</sup>Department of Surgery, University of Cologne, Germany, <sup>2</sup>Department of Surgery, Markus Krankenhaus, Goethe University Frankfurt/ Main, Germany, <sup>3</sup>Center for the Future of Surgery, Department of Surgery, Division of Minimally
- ETO11 CAPACITIVE SENSORS TO PREVENT SUTURE BREAKAGE IN ROBOTIC SURGERY Omeed Paydar, PhD, Ahmad Abiri, MS, Bradley Genovese, MD, Robert Candler, PhD, Warren Grundfest, MD, Eric Dutson, MD; University of California, Los Angeles
- ET012 THE FIRST PROCEDURELESS GASTRIC BALLOON FOR WEIGHT LOSS: RESULTS FROM A MULTI-CENTER, PROSPECTIVE STUDY EVALUATING SAFETY, EFFICACY, METABOLIC PARAMETERS, AND QUALITY OF LIFE Ram Chuttani<sup>1</sup>, Evzen Machytka<sup>2</sup>, Ioannis Raftopoulos<sup>3</sup>, Martina Bojkova<sup>2</sup>, Tomas Kupka<sup>2</sup>, Marek Buzga<sup>4</sup>, Andreas Giannakou<sup>3</sup>, Kandiliotis Ioannis<sup>3</sup>, Samuel Levy<sup>5</sup>, <u>Shantanu</u> <u>Gaur<sup>5</sup></u>; <sup>1</sup>Beth Israel Deaconess Medical Center, Harvard Medical School, <sup>2</sup>University Hospital Ostrava, <sup>3</sup>latriko Medical Center, <sup>4</sup>University of Ostrava, <sup>5</sup>Allurion Technologies
- ET013 CARPE, COMPLIANT ACTUATION ROBOTIC PLATFORM FOR FLEXIBLE ENDOSCOPY Luigi Manfredi, PhD, Hamza Kahn, PhD, Alfred Cuschieri, FRSE; IMSaT, Institute for Medical Science and Technology

3:30PM - 5:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

# SS23: Resident/Fellow Scientific Session

**ROOM 312** 

## Chair: Iswanto Sucandy, MD | Co-Chair: Philip Pucher, MD, PhD

#### **SESSION DESCRIPTION**

In this session, residents and fellows present their clinical and basic science research (10 best papers to be selected from submitted abstracts) to a panel of 5 expert faculty who are respected in the fields of minimally invasive gastrointestinal/solid organ surgery, bariatric surgery, flexible endoscopy, and surgical education. After each presentation, all 5 expert panelists will rank each resident/fellow presenter (using a scoring system 0-10) with regards to:

- 1. Study contents
- 2. Significance in clinical surgery
- 3. Originality
- 4. Study designs/methodology
- 5. Interpretation and analysis of study findings/results
- 6. Appropriate use of statistical tests
- 7. Overall presentation skills, including slides, clarity of presentation, and audience engagement

Using the scoring system, awards will be given to the two (2) top presenters at the conclusion of the session. The maximum score will be 50 points for any given presenter.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Identify and discuss challenges and pitfalls in research design, methodology and data mining, interpretation of research findings, and potential clinical applications in the practice of surgery
- Identify future/potential research topics related to the presented subjects that are feasible for surgical residents and fellows during their clinical training or dedicated research time
- Acquire an appreciation for the depth, breadth and importance of research conducted by surgical residents and fellows for academic and clinical knowledge developments, as well as contributions to the science of surgery
- · Recognize optimum preparation and communication skills to deliver a concise 7-8 minute presentation

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
3:30PM	Introduction	Iswanto Sucandy, MD
3:35PM	Resident/Fellow Presentations (10 presenters – 7-8 minute presentation with 2 minute Q & A)	
5:15PM	Adjournment and Awards	

#### EXPERT PANELISTS

#### Justin Dimick, MD, MPH; Leena Khaitan, MD; Kenric Murayama, MD; David Rattner, MD; Mark Talamini, MD \$082 PERCUTANEOUS ENDOSCOPIC JEJUNOSTOMY TUBE: LARGE SINGLE INSTITUTION EXPERIENCE AND 30-DAY OUTCOMES

- Andrew T Strong, MD, Gautam Sharma, Matthew Davis, MD, Michael Mulcahy, MD, Suriya Punchai, Colin O'Rourke, PhD, Stacy Brethauer, MD, John Rodriguez, MD, Jeffrey Ponsky, MD, Matthew Kroh, MD; Cleveland Clinic
- S083 THE EFFECT OF TOBACCO USE ON OUTCOMES OF LAPAROSCOPIC AND OPEN INGUINAL HERNIA REPAIRS: A REVIEW OF THE NSQIP DATASET John C Kubasiak, MD, MacKenzie D Landin, MD, Scott Schimpke, Jennifer Poirier, PhD, Jonathan Myers, MD, Keith Milikan, MD, Minh Luu, MD; Rush

S084 LAPAROSCOPIC VERSUS OPEN VENTRAL HERNIA REPAIR IN PATIENTS WITH CHRONIC LIVER DISEASE Yen-Yi Juo, MD, MPH, Matthew Skancke, MD, Jeremy Holzmacher, MD, Richard L Amdur, PhD, Khashayar Vaziri, MD; George Washington University Medical Center

S085 REPLACEMENT OF VENTRAL HERNIA WORKING GROUP GRADING SYSTEM WITH 3-LEVEL GRADING SYSTEM RESULTS IN 1 MILLION DOLLAR COST REDUCTION Kariuki Murage, MD, Braden Pachall, Paul Szotek, MD; Indiana University Health

- S086 DECLINING OPERATIVE EXPERIENCE FOR JUNIOR LEVEL RESIDENTS: UNINTENDED CONSEQUENCE OF MINIMALLY INVASIVE SURGERY? <u>Matthew G Mullen</u>, Elise P Salerno, Alex D Michaels, Traci L Hedrick, Min-Woong Sohn, Philip W Smith, Bruce D Schirmer, Charles M Friel; The University of Virginia Health System
- **S087 RURAL SURGEONS WOULD EMBRACE SURGICAL TELEMENTORING FOR HELP WITH DIFFICULT CASES AND ACQUISITION OF NEW SKILLS** <u>lan C Glenn, MD</u><sup>1</sup>, Danial Hayek<sup>1</sup>, Nicholas E Bruns, MD<sup>1</sup>, Tyler G Hughes, MD, FACS<sup>2</sup>, Todd A Ponsky, MD, FACS<sup>1</sup>; <sup>1</sup>Akron Children's Hospital, Akron, OH, <sup>2</sup>McPherson Hospital, McPherson, KS
- **S088 HOSPITAL QUALITY AND THE COST OF BARIATRIC SURGERY IN THE UNITED STATES** <u>Andrew M Ibrahim, MD</u>, Amir A Ghaferi, MD, MS, Jyothi Thumma, MPH, Justin B Dimick, MD, MPH; University of Michigan
- S089 THE USE OF MESH IN EMERGENT VENTRAL HERNIA REPAIR AND ITS EFFECT ON EARLY PATIENT MORBIDITY AND MORTALITY Ivy N Haskins, MD, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS; Department of Surgery, The George Washington University S090 SINGLE INCISION LAPAROSCOPIC SURGERY INCREASES THE RISK OF UNINTENTIONAL THERMAL INJURY FROM THE

**MONOPOLAR "BOVIE" IN COMPARISON TO TRADITIONAL LAPAROSCOPY** <u>Nicole T Townsend, MD, MS</u>, Edward L Jones, MD, MS, Douglas M Overbey, MD, Thomas N Robinson; University of Colorado

**S091 WHAT IS THE LEARNING CURVE IN ROBOTIC GENERAL SURGERY?** Luise I Pernar, MD<sup>1</sup>, Faith Robertson<sup>2</sup>, Eric G Sheu, MD, PhD<sup>1</sup>, Ali Tavakkoli<sup>1</sup>, David C Brooks<sup>1</sup>, Douglas S Smink<sup>1</sup>; <sup>1</sup>Brigham and Women's Hospital, <sup>2</sup>Harvard Medical School

#### 3:30PM - 4:00PM

\*Included in Registration SuperPass (Option A) or Registration Option C

# **Refreshment Break / Happy 1/2 Hour in Exhibit Hall**

4:00PM - 6:00PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SAGES University Masters Series: Flexible Endoscopy Chair: Jeffrey Marks, MD | Co-Chair: Melissa Phillips Lapinska, MD

**BALLROOM C** 

**EXHIBIT HALL C** 

#### **SESSION DESCRIPTION**

In-depth presentation by masters in flexible endoscopy, discussing clinical issues faced by practicing clinicians. Topics will include those that pose endoscopic challenges in terms of diagnosis and treatment options.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Integrate flexible endoscopic therapies into the management of surgical complications
- · Recognize the options available in the management of choledocholithiasis
- · Identify the evolving role of flexible endoscopy in organ sparing management of advanced GI neoplasia

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
4:00PM	Role of Endoscopic Palliation in Unresectable Gastrointestinal Disease	Bipan Chand, MD
4:30PM	Endoscopic Therapies in the Submucosal Space: ESD and POEM	Lee Swanstrom, MD
5:00PM	Endoscopic Treatment for Surgical Complications	John Mellinger, MD
5:30PM	Endoscopic Alternatives and Algorithm for the Management of Suspected Choledocholithiasis	Jeffrey Ponsky, MD

### LEARNING THEMES

#### **GUIDELINES:**

<b>FE</b> Flex Endo	Ethical Considerations Regarding the Implementation of New Technologies and
FOR Foregut	Techniques in Surgery
НРВ НРВ	Granting of Privileges for Gastrointestinal Endoscopy
	Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde
	Cholangiopancreatography (ERCP)

#### NATIONAL PRIORITIES

SAGES acknowledges an educational grant in support of this course from Olympus

4:00PM - 5:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

# MIS in Endocrine Surgery: Thyroid and Pancreas Neuroendocrine Tumors (PNET) (joint panel with KSELS)

**BALLROOM A** 

Chair: Ho-Seong Han, MD, PhD | Co-Chair: Horacio J. Asbun, MD

#### **SESSION DESCRIPTION**

Minimally invasive thyroid surgery is proven to be safe and feasible, though controversy remains regarding its place in the surgical treatment of thyroid lesions. A current review of conventional, endoscopic, and robotic assisted approaches to thyroid surgery will give the audience a better appreciation of the different roles and approaches currently available.

Pancreas neuroendocrine lesions are treated in a variety of forms. Different approaches will be reviewed and a case presentation panel discussion with audience response will present an update on the current status of the treatment of PNETS

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Assess the benefits of endoscopic and robotic-assisted thyroid surgery
- Compare various types of treatment for Pancreas NET (neuroendocrine tumor)
- Recognize the wide variety of clinical presentations of PNETS and apply the best treatments

#### ACTIVITY OUTLINE

Time	Presentation Title	Invited Faculty
4:00PM	Endoscopic Thyoidectomy (USA view)	W. Barry Inabnet, MD
4:15PM	Robotic Assisted Thyroidectomy (Korean view)	Kyu Eun Lee, MD
4:30PM	Panel Discussion Panelists: Woung Young Ch	Moderator: Ho-Seong Han, MD, PhD ung, MD; Kyu Eun Lee, MD; W. Barry Inabnet, MD
4:45PM	Pancreas NET, From Minimal to Aggressive Treatment	Yoo-Seok Yoon, MD, PhD
5:00PM	PM Pancreas NET, Case Presentations - Audience Response and Panel Discussion Moderator: Horacio Asbun, M Panelists: Quan-Yang Duh, MD; W. Barry Inabnet, MD; Ho-Seong Han, MD; Hong-Jin Kim, MD; Chang Moo Kang, M	

**LEARNING THEMES** 

**SO** Solid Organ

HPB HPB

#### **GUIDELINES:**

- A Consensus Document on Robotic Surgery
- Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques

4:00PM - 5:30PM

# Panel: Hot Topics in Japan as Compared with the United States (joint panel with JSES)

**BALLROOM B** 

\*Included in Registration SuperPass (Option A) or Registration Option C

#### Chair: Manabu Yamamoto, MD | Co-Chair: Michael Holzman, MD, MPH

#### **SESSION DESCRIPTION**

Both Japan and the United States have been leaders in advancing minimally invasive surgery for the benefit of our patients. In this panel, we will explore some of the current trends in each country with regards to minimally invasive surgery for common disease processes. Reduced Port, Robotic, and Needlescopic approaches to patient care will be presented, increasing knowledge of similarities and challenges we face with different medical systems and populations will be explored in hopes of advancing knowledge and collaboration between JSES and SAGES to improve overall care.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Compare the therapeutic similarities and differences between the two countries
- · Discuss the latest topics and technology trending around the globe
- Evaluate different practices and implement improvements for surgical procedures

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
4:00PM	Real Needlescopic Surgery for Upper Abdominal Organ Surgery	Nobumi Tagaya, MD
4:10PM	Needlescopic Surgery in the United States	Steve Eubanks, MD
4:20PM	Single Port Surgery for Colorectal Disease	Ichiro Takemasa, MD
4:30PM	Laparoscopic v. Robotic Colorectal Surgery	Alan Herline, MD
4:40PM	Reduced Port Approach for Laparoscopic Repair of Abdominal Wall Hernia	Norihito Wada, MD
4:50PM	EMR/ESD vs Resection – How We Select and Deliver the Most Appropriate Therapy in Japan	Goro Kaneda, MD
5:00PM	3D Printing and Augmented Reality for Laparoscopic Surgery Simulation	Maki Sugimoto, MD
5:10PM	Advances in Simulator Training	Steven Schwaitzberg, MD

#### **LEARNING THEMES**

С	Colorectal	

- FOR Foregut
- HR Hernia
- AE Academic/Educational
- New technologies/Skill acquisition

#### **GUIDELINES:**

- A Consensus Document on Robotic Surgery
- Educational Mission Statement
- Ethical Considerations Regarding the Implementation of New Technologies
   and Techniques in Surgery
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer
- Guidelines for Laparoscopic Ventral Hernia Repair
- JSES: A guidelines foe Endoscopic Surgery (in Japanese) jses.or.jp

NATIONAL PRIORITIES (🗐 📢

#### 4:00PM - 5:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## Panel: Program of the Americas - If I Can Do It, Should I Do It? Chair: Natan Zundel, MD | Co-Chair: Samuel Szomstein, MD

#### **SESSION DESCRIPTION**

This session is dedicated to the introduction of new technology being utilized by North and South Americans for novel surgical care. Attendance of the session should be for all surgeons interested in new technology.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Identify new technological advances that can be introduced to their practice and potentially improve patient care and outcomes
- Describe new technology and its potential to be used as primary therapy or to treat complications
- Determine which technologies can help and which are not recommended due to lack of safety or efficacy

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
4:00PM	New/Other Therapies for GERD. Is it Primetime?	Scott Melvin, MD
4:10PM	POEM vs Heller's	Christy Dunst, MD
4:20PM	Fully Endoscopic, Endolumenal Treatment of Morbid Obesity (Balloons, Endoscopic Suturing, Devices, etc)	Barham Abu Dayyeh, MD
4:30PM	Endoscopy for Bariatric Revisions and Complications (STENTS, Septotomy, etc)	Manoel Galvao Neto, MD
4:40PM	Do You Remember NOTES®?	Kurt Roberts, MD
4:50PM	Use of Robotics in Hernia Repair	Mehran Anvari, MD
5:00PM	Mini Laparoscopy and SILS (Brothers Where Art Thou?)	Diego Camacho, MD
5:10PM	Q&A	

#### **LEARNING THEMES**

#### **GUIDELINES:**

- Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
- TAVAC Safety and Effectiveness Analysis: LINX® Reflux Management System

FOR Foregut

**B** Bariatrics

**FE** Flex Endo

NS New technologies/Skill acquisition

NATIONAL PRIORITIES

#### 4:00PM - 5:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS24: All Video All the Time: Mixed GI/HPB

**ROOM 302** 

#### Moderator: Samuel Shuchleib, MD | Co-Moderator: Marylise Boutros, MD

V144 LAPAROSCOPIC EXTENDED DISTAL PANCREATECTOMY AND SPLENECTOMY FOR PANCREATIC ADENOCARCINOMA <u>Stephen</u> <u>M Doane, MD</u>, Michael J Pucci, MD, Ernest L Rosato, MD, FACS; Thomas Jefferson University Hospital

V145 ROBOT-ASSISTED HEPATECTOMY AND COMPLETE EXCISION OF THE EXTRAHEPATIC BILE DUCT FOR TYPE IV-A CHOLEDOCHAL CYSTS Ji Wool Ko, MD<sup>1</sup>, Sung Hoon Choi, MD<sup>1</sup>, Sung Won Kwon, MD, PhD<sup>1</sup>, Kwang Hyun Ko, MD, PhD<sup>2</sup>; <sup>1</sup>Department of Surgery, CHA Bundang Medical Center, CHA University, <sup>2</sup>Department of Internal Medicine, CHA Bundang Medical Center, CHA University

V146 ROBOT-ASSISTED SPLEEN PRESERVING DISTAL PANCREATECTOMY FOR NET Graziano Pernazza, Stefano Mattacchione, Paolo Mazzocchi, Carlo E Vitelli; AO San Giovanni Addolorata Hospital

V147 THE CRITICAL VIEW OF SAFETY: ENHANCED IMAGING WITH USE OF NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY CJ Polistena, H Ali, W S Melvin; Montefiore Medical Center

V148 LAPAROSCOPIC LATERAL PANCREATICOJEJUNOSTOMY Jeffrey N Harr, MD, MPH, <u>Jeremy Holzmacher, MD</u>, Benjamin Biteman, MD, Fred Brody, MD, MBA; The George Washington University

V149 LAPAROSCOPIC RIGHT HEPATECTOMY AFTER RIGHT HEMILIVER RADIATION LOBECTOMY WITH Y90 SIRTSPHERES Fernando Rotellar<sup>1</sup>, Fernando Pardo<sup>1</sup>, Alberto Benito<sup>2</sup>, Gabriel Zozaya<sup>1</sup>, Pablo MartĂ-Cruchaga<sup>1</sup>, Macarena Rodriguez-Fraile<sup>3</sup>, Jose Ignacio Bilbao<sup>4</sup>, Mercedes Inarrairaegui<sup>5</sup>, Bruno Sangro<sup>5</sup>; <sup>1</sup>HPB and Liver Transplant. Department of Abdominal and General Surgery. Clinica Universidad de Navarra. Pamplona. Spain., <sup>2</sup>Abdominal Radiology. Department of Radiology.Clinica Universidad de Navarra. Pamplona. Spain., <sup>3</sup>Nuclear Medicine. .Clinica Universidad de Navarra. Pamplona. Spain., <sup>4</sup>Interventional Radiology .Clinica Universidad de Navarra. Pamplona. Spain., <sup>5</sup>Hepatology. .Clinica Universidad de Navarra. Pamplona. Spain.

V150 VIDEO PRESENTATION: LAPAROSCOPIC CHOLEDOCHODUODENOSTOMY Jennifer L Salluzzo, MD<sup>1</sup>, Stephanie G Wood, MD<sup>2</sup>, Kurt E Roberts, MD<sup>1</sup>, Geoffrey S Nadzam, MD<sup>1</sup>, Matthew O Hubbard, MD<sup>1</sup>, Saber Ghiassi, MD<sup>1</sup>, Andrew J Duffy, MD<sup>1</sup>; <sup>1</sup>Yale University School Of Medicine, <sup>2</sup>Yale-New Haven Hospital

V151 LAPAROSCOPIC ANATOMICAL COMBINED SEGMENT 3 AND SEGMENT 4 LIVER RESECTION Han Lim Choi, Ho-Seong Han, Yoo-Seok Yoon, Jai Young Cho, YoungRok Choi; Seoul National Univ. Bundang Hospital

4:00PM - 5:30PM

## SS24: All Video All the Time: Mixed GI/HPB (continued)

V152 ROBOTIC PANCREATICODUODENECTOMY WITH PRESERVATION OF TOTALLY REPLACED RIGHT HEPATIC ARTERY COMING FROM THE SUPERIOR MESENTERIC ARTERY Mario Masrur; University of Illinois

V153 ROBOTIC ASSISTED PORTAL LYMPHADENECTOMY AND PARTIAL HEPATECTOMY FOR INCIDENTALLY DISCOVERED GALLBLADDER ADENOCARCINOMA Zeljka Jutric, MD<sup>1</sup>, Chet W Hammill, MD, MCR<sup>2</sup>; <sup>1</sup>Portland Providence Cancer Center, <sup>2</sup>The Oregon Clinic

#### 5:30PM - 6:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

\*Included in Registration SuperPass (Option A) or Registration Option C

# **Candidate Networking Townhall**

**SAGES does not offer CME for this session** 

#### **ROOM 210**

**ROOM 210** 

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**ROOM 302** 

(Non-CME Activity)

Townhall is where you can meet and connect with other Candidate members. Exchange ideas, expand professional contacts and meet new friends, including the SAGES 2016 Medical Student Scholarship Award winners.

6:00PM - 7:00PM

# **Meet the Leadership Reception for** Residents, Fellows & New Members

**ROYALE BOSTON** 

\*Included in Registration SuperPass (Option A)

7:30PM - 11:00PM

# SAGES Gala – The Main Event Featuring the 19th Annual International Sing-Off $\mathbb{R}$











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# BSC Management Congratulates SAGES On Its 2016 Annual Meeting!

# We're proud to have been your partner for more than 30 years.

As we have done for SAGES for more than three decades, BSC Management provides effective customized association management services and innovative high-tech meeting planning to more than twenty medical associations and foundations. Leaders of nonprofit associations who want to learn more about who we are, what we do and why our management and conference planning services are unique, may contact us at barbara@bscmanage.com or visit us at www.bscmanage.com. Our senior staff are here at the SAGES meeting and would be happy to meet with you at your convenience.

# We manage all your association needs so you can keep your day job.



CLOSED       Exhibits, Learning Center, Posters         8:00 AM - 3:00 PM       PG Course: Introduction to the SAGES University Masters Program - Assuring         Ballroom C	
Competency From the Get-Go	
8:00 AM - 11:00 AM PG Course: Fundamental Use of Surgical Energy (FUSE) - Preparation and Refresher Room 304	
8:00 AM - 9:30 AM Panel: Complications in Robotic Surgery, "Danger, Will Robinson!" Ballroom B	
8:00 AM - 9:30 AM SS25: Colorectal Ballroom A	L .
8:00 AM - 9:30 AM SS26: Acute Care Surgery Room 302	
9:30 AM - 11:30 AM SS27: Plenary 2 Ballroom B	
11:00 AM - 12:30 PMSession: OR Team - Only Teams Can Prevent OR FiresRoom 304	
11:30 AM - 12:30 PM SAGES Annual General Membership Business Meeting All SAGES Members are Encouraged to Attend (non-CME) Ballroom B	
12:00 PM - 1:30 PM SS28: Top Videos - MIS Potpourri Ballroom A	L .
12:00 PM - 1:30 PMSS29: Top Posters / Posters of DistinctionRoom 302	
12:30 PM - 2:00 PM Session: OR Team - Duodenoscopes, Infections and Reprocessing. What have we Room 304	
1:00 PM - 3:00 PM Panel: Oy, What a Mesh! Ballroom B	
1:30 PM - 3:00 PM     SS30: Value/Outcomes     Ballroom A	L
1:30 PM - 3:00 PMSS31: Bariatrics, Metabolic, PhysiologyRoom 302	
2:00 PM - 3:00 PM Session: OR Team - What's Bugging You?	
7:30 AM - 2:00 PM     Mini Med School Boot Camp (non-CME)     Room 312	

# Exhibits / Posters / Learning Center / Video Presentations Theatre in Exhibit Hall

**CLOSED** 

\*Included in Registration SuperPass (Option A) or Registration Option C

## **Postgraduate Course: Introduction to the SAGES University** Masters Program – Assuring Competency From the Get-Go Chair: John Hunter, MD | Co-Chair: Daniel Deziel, MD

**BALLROOM C** 

#### SESSION DESCRIPTION

**CLOSED** 

8:00AM - 3:00PM

SAGES has brought you FLS, FES and FUSE, and is now rolling out the Masters Program Curriculum, which will allow participants to progress from competency to proficiency, and to mastery at their own pace.

This session will produce seven CORE lectures for the Competency Level of the SAGES University Masters Program.

#### SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- · Describe the relevant anatomy, physiology, evaluation, operative technique and outcome for MIS Hernia
- Describe the relevant anatomy, physiology, evaluation, operative technique and outcome for MIS Colorectal Surgery
- Describe the relevant anatomy, physiology, evaluation, operative technique and outcome for Bariatric Surgery
- Describe the relevant anatomy, physiology, evaluation, operative technique and outcome for Biliary Surgery
- · Describe the relevant anatomy, physiology, evaluation, operative technique and outcome for Foregut Hernia

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
8:00AM	SAGES UNIVERSITY MASTERS PROGRAM: An Overview	Daniel Jones, MD
8:05AM	Hernia Surgery	Steven Schwaitzberg, MD
9:00AM	Biliary Surgery	L. Michael Brunt, MD
9:45AM	Break	
10:00AM	Foregut Surgery	Nathaniel Soper, MD
11:00AM	Bariatric Surgery	Bruce Shirmer, MD
12:00PM	Lunch Break	
1:00PM	Colorectal Surgery	Steven Wexner, MD
2:00PM	Flex-Endo Surgery	Jeffrey Ponsky, MD
LEARNIN	IG THEMES GUIDELINES:	

LEAI	KNING I HEI
B	Bariatrics
С	Colorectal
FE	Flex Endo

- FOR Foregut
- **HR** Hernia
- НРВ НРВ

SO Solid Organ

#### **GUIDELINES:**

- ASCRS/SAGES Guidelines for Laparoscopic Colectomy Course
- **Curriculum Outline for Resident Education**
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Framework for Post-Residency Surgical Education & Training
  - Granting of Privileges for Gastrointestinal Endoscopy
  - Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
- Guidelines for Diagnosis, Treatment, and Use of Laparoscopy for Surgical Problems during Pregnancy
- Guidelines for Granting of Ultrasonography Privileges for Surgeons
- Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques
- Guidelines for Laparoscopic Appendectomy
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer
- Guidelines for Laparoscopic Ventral Hernia Repair
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
- Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery
- Guidelines for the Management of Hiatal Hernia
- Guidelines for the Use of Laparoscopic Ultrasound
- Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Infection Control During GI Endoscopy
- Laparoscopic Colectomy for Curable Cancer
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
- Role of Endoscopy in the Bariatric Surgery Patient

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\*Included in Registration SuperPass (Option A) or Registration Option C

# Postgraduate Course: Fundamental Use of Surgical Energy (FUSE) - Preparation and Refresher Course

**ROOM 304** 

## Chair: Pascal Fuchshuber, MD | Co-Chair: Thomas Robinson, MD

#### **SESSION DESCRIPTION**

This postgraduate course addresses the need to understand the function and risk of energy devices used in the OR and procedure rooms. It is open to all physicians and health care professionals, and will teach the participant how to safely use energy devices based on electrosurgical, ultrasonic, microwave and other energy sources in the OR. Any healthcare professional involved in treating patients in the operating rooms and procedure suites will benefit from this course, gaining better understanding of best practice, fire prevention and harm prevention associated with the use of energy devices.

The course is designed to teach and refresh the knowledge contained in the SAGES FUSE online curriculum and to prepare the participants for taking the FUSE certification exam. Specific questions and answer sessions during the course will help participants to test their knowledge acquired during the postgraduate session.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Understand the fundamental indications and limitations of energy sources in the OR
- Discuss the potential complications and safety implications of surgical energy-based devices in the OR and endoscopic suite
- · Understand the underlying physics and principles of radiofrequency based surgical and endoscopic energy-based devices
- Understand the underlying physics and principles of ultrasound based surgical and endoscopic energy-based devices
- Discuss the specific aspects of monopolar and bipolar cutting and sealing devices in open and laparoscopic surgery, and list the potential hazards of incorrect function of these devices

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
8:00AM	Introduction	Pascal Fuchshuber, MD, PhD
8:05AM	Fundamental Principles: Principles Of Radiofrequency Electrosurgery	Malcolm Munro, MD
8:20AM	Electrosurgical Safety In Laparoscopy	Sharon Bachman, MD
8:30AM	Monopolar Devices (Including Argon Beam And Saline-Enhanced)	Amin Madani, MD
8:40AM	Bipolar Devices	Dean Mikami, MD
8:50AM	Ultrasonic Energy Systems	Thomas Robinson, MD
9:00AM	Energy Devices for Solid Tissue Ablation	Pascal Fuchshuber, MD
9:10AM	Audience Response Multiple Choice - Session I	Pascal Fuchshuber, MD
9:40AM	Fires in the Operating Room: Prevention and Management	Kinga Powers, MD, PhD
9:50AM	How to Report Adverse Events Related to the Use of Energy-Based Devices	Charlotte Guglielmi, RN
10:00AM	Energy Devices in Flexible Endoscopy	Edward Jones, MD
10:10AM	Considerations in Pediatric Surgery	Gretchen Purcell Jackson, MD, PhD
10:20AM	Integration of Energy Systems: Cardiac Rhythm Management Devices and Energy-Based Devices	Stephanie Jones, MD
10:35AM	The FUSE France Program	Bertrand Millat, MD
10:50AM	Audience Response Multiple Choice - Session II	Sharon Bachman, MD

#### **LEARNING THEMES**

#### GUIDELINES: • Curriculum Outline for Resident Education

- AE Academic/Educational
- NS New technologies/Skill acquisition
  - Educational Mission Statement
    Framework for Post-Residency Surgical Education & Training
- NATIONAL PRIORITIES 📳 👧
  - SAGES acknowledges educational grants in support of this course from Applied Medical and Medtronic

# Panel: Complications in Robotic Surgery, "Danger, Will Robinson!"

#### Chair: Dmitry Oleynikov, MD | Co-Chair: Ozanan Meireles, MD

#### **SESSION DESCRIPTION**

8:00AM - 9:30AM

In the last few years there has been a surge in robotic surgery worldwide, with 1.5 million surgical procedures performed to date. However there also has been a sharp increase in complications and mortality associated with the use of the robot, increasing the importance for surgeons to be aware of potential pitfalls and to recognize, manage and avoid intraoperative complications.

#### SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:

- Recognize errors that can occur during robotic procedures
- Apply strategies on how to prevent preoperative complications during robotic surgery
- Solve intraoperative complications utilizing robotic, laparoscopic, and endoscopic techniques

#### **ACTIVITY OUTLINE**

Time	Presentation Title		Invited Faculty
8:00AM	Current State of Robotic Surgery in th	ne US	Ozanan R Meireles, MD
8:15AM	Complications in Robotic Bariatrics; I	s the Robot Better for Bypass?	Philip Schauer, MD
8:30AM	Complications of Robotic Foregut; Is	There a Risk or Advantage?	Santiago Horgan, MD
8:45AM	Robotic SILS; Do You Need a Robot ar	nd What Can Happen if You Have One?	Sharona Ross, MD
9:00AM	Robotic Colorectal Surgery Complica	tions	Alessio Pigazzi, MD
9:15AM	Panel Discussion		All faculty
LEARNI	NG THEMES	GUIDELINES:	
B Bar	iatrics	A Consensus Document on Robotic Surgery	
Colorectal     Position Statement on Advanced Laparoscopic Training		raining	
FOR For	• EAES consensus statement on the use of robotics in general surgery		s in general surgery
HR Her	Hernia		
New technologies/Skill acquisition			
PE Pro	PE Professional/Economic		

HPB HPB

**SO** Solid Organ

NATIONAL PRIORITIES

8:00 AM - 9:30 AM

# SS25: Colorectal

\*Included in Registration SuperPass (Option A) or Registration Option C

**BALLROOM A** 

#### Moderator: Conor P. Delaney, MD, PhD | Co-Moderator: John H. Marks, MD

S092 LONG-TERM OUTCOMES BY TRANSANAL TOTAL MESORECTAL EXCISION (TATME) FOR RECTAL CANCER Elizabeth A Myers, DO, Mounica Gummadi, BA, Gerald J Marks, MD, John H Marks, MD: Lankenau Institute for Medical Research

- S093 ABERRANT VITAL SIGNS ARE RARE FOLLOWING LAPAROSCOPIC COLECTOMY AND ARE INDICATIVE OF AN ANASTOMOTIC LEAK Ryan Hendrix, MD<sup>1</sup>, Larson Erb, MD<sup>2</sup>, Lucy Greenberg, BS<sup>2</sup>, Turner Osler, MD<sup>2</sup>, Neil Hyman, MD<sup>3</sup>, Edward Borrazzo, MD<sup>2</sup>; <sup>1</sup>University of Massachusetts Medical Center, <sup>2</sup>University of Vermont Medical Center, <sup>3</sup>University of Chicago Medical Center
- 5094 VISCERAL TO SUBCUTANEOUS FAT RATIO PREDICTS ACUITY OF DIVERTICULITIS Salvatore Docimo Jr., DQ<sup>1</sup>, Young Lee<sup>2</sup>, Praveen Chatani<sup>2</sup>, Ann M Rogers<sup>1</sup>, Frank J Lacqua<sup>3</sup>; <sup>1</sup>Penn State Hershey Medical Center, <sup>2</sup>St. George's University, <sup>3</sup>NYU Lutheran Medical Center
- S095 INDOCYANINE GREEN ENHANCED FLUORESCENCE TO ASSESS BOWEL PERFUSION DURING LAPAROSCOPIC COLORECTAL RESECTION Luigi Boni, MD, FACS<sup>1</sup>, Elisa Cassinotti, MD, PhD<sup>1</sup>, Giulia David, MD<sup>1</sup>, Abe Fingerhut, MD, FACS, Hon, ASA, Hon, FRCS, Hon, Ed<sup>2</sup>; <sup>1</sup>Minimally Invasive Surgery Center, <sup>2</sup>Section for Surgical Research, Department of Surgery Medical University of Graz
- **S096 COMPARISON OF SHORT-TERM AND ONCOLOGIC OUTCOME OF ROBOTIC AND LAPAROSCOPIC RECTAL RESECTION FOR** RECTAL CANCER Wai Lun Law, Dominic C Foo; The University of Hong Kong
- S097 PREPARING FOR THE WORST- PREDICTING WHO WILL FAIL IN A MULTIMODAL ENHANCED RECOVERY PATHWAY Deborah S Keller<sup>1</sup>, Irlna Tantchou, MD<sup>2</sup>, Sergio Ibarra<sup>1</sup>, Juan R Flores-Gonzalez, MD<sup>1</sup>, Matt Schultzel, DO<sup>2</sup>, Eric M Haas, MD, FACS, FASCRS<sup>3</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>Colorectal Surgical Associates; University of Texas Medical Center at Houston, <sup>3</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical Center at Houston
- S098 THE RELATIONSHIP BETWEEN NUMBER OF INTERSECTIONS OF STAPLE LINES AND ANASTOMOTIC LEAKAGE AFTER DOUBLE STAPLING TECHNIQUE IN LAPAROSCOPIC COLORECTAL SURGERY Seunghun Lee, MD, Seunghyun Lee, MD, Byeonggwon Ahn, MD; Kosin University Gospel Hospital

\*Included in Registration SuperPass (Option A) or Registration Option C

**BALLROOM B** 

S099 LONG-TERM RESULTS OF LAPAROSCOPIC INTERSPHINCTERIC RESECTION WITH QUADRANT RESECTION OF UPPER EXTERNAL SPHINCTER IN CASES OF THE VERY LOW RECTAL CANCER Seung Hyun Baek, MD, <u>NahmGUN Oh, Phd</u>; Pusan National University Hospital

**S100 LAPAROSCOPIC VERSUS OPEN SURGERY FOR COLORECTAL CANCER IN ELDERLY PATIENTS: DOES HISTORY OF ABDOMINAL SURGERY INFLUENCE THE SURGICAL OUTCOME?** <u>Seiichiro Yamamoto, MD, PhD</u><sup>1</sup>, Takao Hinoi, MD, PhD<sup>2</sup>, Hiroaki Niitsu, MD<sup>1</sup>, Minoru Hattori<sup>2</sup>, Ichio Suzuka, MD<sup>3</sup>, Yosuke Fukunaga<sup>4</sup>, Takashi Yamaguchi, MD<sup>5</sup>, Masazumi Okajima, MD, PhD<sup>6</sup>, Hideki Ohdan<sup>1</sup>, Masahiko Watanabe, MD, PhD<sup>7</sup>; <sup>1</sup>Hiratsuka City Hospital, <sup>2</sup>Hiroshima University, <sup>3</sup>Kagawa Prefectural Center Hospital, <sup>4</sup>Cancer Institute Hospital, <sup>5</sup>Kyoto Medical Hospital, <sup>6</sup>Hiroshima City Hiroshima Citizens Hospital, <sup>7</sup>Kitasato University School of Medicine

8:00 AM - 9:30 AM

# SS26: Acute Care Surgery

\*Included in Registration SuperPass (Option A) or Registration Option C

# Moderator: Ketan R. Sheth, MD | Co-Moderator: Danielle S. Walsh, MD

- S101 SINGLE INSTITUTION EXPERIENCE WITH LAPAROSCOPIC-ASSISTED TRANSGASTRIC ERCP Katherine Habenicht Yancey, MD, Michael McCormick, Myron S Powell, MD, Adolfo Z Fernandez, MD, Carl J Westcott, MD, Stephen S McNatt, MD; Wake Forest Baptist Medical Center
- S102 ALVARADO SCORE WITH C-REACTIVE PROTEIN ACCURATELY PREDICTS ACUTE APPENDICITIS DURING PREGNANCY ALGORITHMIC APPROACH Goran Augustin, PhD, Petar Matosevic, MD, Tomislav Secan, MD; University Hospital Center Zagreb and School of Medicine University of Zagreb
- S103 INTRA-ABDOMINAL INSUFFLATION AS A DIAGNOSTIC MODALITY FOR PENETRATING ANTERIOR ABDOMINAL WALL TRAUMA IN A BUSY URBAN CENTER; A RETROSPECTIVE CASE-SERIES Vadim Meytes, DO, Michael Amaturo, DO, Elizabeth E Price, Filippo Romanelli, Michael Timoney, MD; NYU Lutheran Medical Center
- S104 OUTCOME OF LAPAROSCOPIC MANAGEMENT FOR PATIENTS DIAGNOSED WITH ACUTE PERFORATED DIVERTICULITIS Ahmad Mirza, Simon Galloway; The University Hospital of South Manchester, Manchester, UK
- **S105 COST EFFECTIVENESS OF PROPHYLACTIC APPENDECTOMY: A MARKOV MODEL** <u>Karina A Newhall, MD<sup>1</sup></u>, Ben Albright, MS<sup>2</sup>, Philip P Goodney, MD, MS<sup>3</sup>, Thadeus L Trus, MD<sup>4</sup>; <sup>1</sup>Veterans Affairs Outcomes Group, Veterans Affairs Medical Center, White River Junction, Vermont, <sup>2</sup>Yale School of Medicine, <sup>3</sup>Dartmouth Hitchcock Medical Center; The Dartmouth Institute for Health Policy and Clinical Practice; VA Outcomes Group, <sup>4</sup>Dartmouth Hitchcock Medical Center
- **S106 USE OF NSQIP RISK CALCULATOR TO DETERMINE TREATMENT OF ACUTE CHOLECYSTITIS** Mary C Nally, MD, John Kubasiak, MD, Shauna Sheppard, MD, Hongyu Zhao, Jennifer Poirier, PhD, Daniel J Deziel, MD, Samir K Gupta, MD; Rush University Medical Center
- **S107 TIMING OF CHOLECYSTECTOMY FOLLOWING ENDOSCOPIC SPHINCTEROTOMY: A POPULATION-BASED STUDY** Brett D Mador, MD<sup>1</sup>, Avery B Nathens, MD, MPH, PhD<sup>1</sup>, Wei Xiong, MSc<sup>1</sup>, O N Panton, MB<sup>2</sup>, S M Hameed, MD, MPH<sup>2</sup>; <sup>1</sup>Sunnybrook Health Sciences Centre, <sup>2</sup>University of British Columbia
- V154 LAPAROSCOPIC RESCUE OF AN ENDOSCOPIC CATASTROPHY: GIANT DUODENAL PERFORATION Shanglei Liu, MD, Ran B Luo, MD, Jonathan C DeLong, MD, Ryan Broderick, MD, Alisa M Coker, MD, Caitlin Houghton, MD, Bryan Sandler, Garth R Jacobsen, MD, Santiago Horgan, MD; Department of Surgery, University of California San Diego

V155 TRAUMA LAPAROSCOPY: REPAIR OF BLADDER RUPTURE Adina E Feinberg, MD<sup>1</sup>, Colin Botkin, MD, FRCSC<sup>2</sup>, Todd Penner, MD, FRCSC<sup>1</sup>; <sup>1</sup>University of Toronto, <sup>2</sup>University of Manitoba

#### 9:30AM - 11:30AM

# SS27: Plenary Session 2

#### Moderator: Brian J. Dunkin, MD | Co-Moderator: Haruhiro Inoue, MD

**S108 IMPACT OF ADHERENCE TO CARE PATHWAY INTERVENTIONS ON RECOVERY FOLLOWING BOWEL RESECTION WITHIN AN ESTABLISHED ENHANCED RECOVERY PROGRAM.** <u>Nicolo Pecorelli, MD</u><sup>1</sup>, Olivia Hershorn<sup>1</sup>, Gabriele Baldini, MD, MSc<sup>2</sup>, Julio F Fiore Jr., MSc, PhD<sup>1</sup>, Barry L Stein, MD<sup>2</sup>, A S Liberman, MD<sup>2</sup>, Patrick Charlebois, MD<sup>2</sup>, Franco Carli, MD, MPhil<sup>2</sup>, Liane S Feldman, MD<sup>2</sup>; <sup>1</sup>Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, <sup>2</sup>McGill University Health Centre

V156 LAPAROSCOPIC TRANSVERSUS ABDOMINIS RELEASE, A NOVEL MINIMALLY INVASIVE APPROACH TO COMPLEX ABDOMINAL WALL RECONSTRUCTION Igor Belyansky, MD, FACS, Hamid R Zahiri, DO, Adrian E Park, MD, FACS; Anne Arundel Medical Center

**S109 STANDARD LAPAROSCOPIC VERSUS ROBOTIC RETROMUSCULAR VENTRAL HERNIA REPAIR** Jeremy A Warren, MD, William S Cobb, MD, Joseph A Ewing, MS, Alfredo M Carbonell, DO; Greenville Health System, University of South Carolina School of Medicine, Greenville

V157 MAGNETIC ENTERO-ENTERAL BYPASS FOR TREATMENT OF METABOLIC SYNDROME Marvin Ryou, MD, David B Lautz, MD<sup>1</sup>, Evzen Machytka, MD<sup>2</sup>, Christohper Thompson, MD, MHES; <sup>1</sup>Emerson Hospital, <sup>2</sup>University of Ostrava

**S110 DON'T FIX IT IF IT ISN'T BROKEN: A SURVEY OF PREPAREDNESS FOR PRACTICE AMONG GRADUATES OF FELLOWSHIP COUNCIL ACCREDITED FELLOWSHIPS** Yusuke Watanabe, MD<sup>1</sup>, Amin Madani, MD<sup>1</sup>, Katherine M McKendy, MD<sup>1</sup>, Ghada Enani, MBBS<sup>1</sup>, Elif Bilgic, BSc<sup>1</sup>, Iman Ghaderi, MD<sup>2</sup>, Gerald M Fried, MD<sup>1</sup>, Liane S Feldman, MD<sup>1</sup>, Melina C Vassiliou, MD, MEd<sup>1</sup>; <sup>1</sup>Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, <sup>2</sup>Department of Surgery, Section of Minimally Invasive & Robotic Surgery, University of Arizona

- S111 THE USE OF PATIENT FACTORS TO IMPROVE OPERATIVE DURATION PREDICTION DURING LAPAROSCOPIC CHOLECYSTECTOMY Cornelius A Thiels, DO, MBA, Denny Yu, PhD, Amro Abdelrahman, MBBS, Elizabeth Habermann, PhD, Susan Hallbeck, PhD, Juliane Bingener, MD; Mayo Clinic
- S113 LAPAROSCOPIC ILEAL INTERPOSITION WITH A BMI-ADJUSTED SLEEVE GASTRECTOMY FOR CONTROL OF TYPE-2 DIABETES Surendra Ugale, MD; Kirloskar Hospital & Asian Bariatrics

SAGES acknowledges our Diamond Level Donor for their support of this session: Stryker Endoscopy

\*Included in Registration SuperPass (Option A) or Registration Option C BALLROOM B

**ROOM 302** 

#### 11:00AM - 12:30PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## Session: OR Team - Only Teams Can Prevent OR Fires Chair: Daniel Jones, MD | Co-Chair: Charlotte Guglielmi, RN

**ROOM 304** 

#### **SESSION DESCRIPTION**

Don't get burned by what you don't know. Over 600 OR fires are reported annually in the United States, and fires are more common than wrong site surgery and loss sponges. This panel reviews the safe use of energy in the OR, as well as how good teams can prevent and, if necessary, appropriately respond to an OR fire.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- · Describe common sources and practices that can cause an OR fire
- Be familiar with FUSE program and the safe use of energy in the OR
- · Describe the appropriate team response to an OR fire and understand the reporting requirements

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
11:00AM	OR Fires and Prevention	Pascal Fuchshuber, MD
11:20AM	Safe Energy - FUSE Program	Amin Madani, MD
11:35AM	OR Fires in France: Report of the FUSE France Program	Jean-Francois Gravie, MD
11:45AM	OR Fire Drills using Simulation	John Paul Sanders, MD
12:00PM	VR Trainer (VEST)	Suvranu De, SSc
12:15PM	Reporting Adverse Events	Charlotte Guglielmi, RN

#### **LEARNING THEMES**

New technologies/Skill acquisition

NATIONAL PRIORITIES 📋 🕸	
AM - 12:30PM	*Open to ALL SAGES membership
SAGES Annual General Membership Business Meeting	BALLROOM B
All SAGES members are encouraged to attend!	(Non-CME Activity)
AGENDA	
President's Introduction	Brian J. Dunkin, MD
Report of Ballots, Bylaws Changes, Introduction of new Officers/Board Member	rs Jeffrey M. Marks, MD
Committee Reports	
Remarks by Incoming President	Daniel J. Scott, MD

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11:30AM

12:00 PM - 1:30 PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## SS28: Top Videos - MIS Potpourri

#### Moderator: Patrick R. Reardon, MD | Co-Moderator: Antonio Bispo, MD

- V158 LAPAROSCOPIC REMOVAL OF A GIANT ADRENAL HEMANGIOMA <u>Alexandra Argiroff, MD</u>, Scott Nguyen, MD; Icahn School of Medicine at Mount Sinai Hospital
- V159 COMBINED LAPAROSCOPIC & THORACOSCOPIC APPROACH FOR TENSION GASTROTHORAX & GASTRIC VOLVULUS WITH BOCHDALEK HERNIA IN AN ADULT Ajay H Bhandarwar, MS, Chintan B Patel, MS, Pravin N Tungenwar, MS, Amol N Wagh, MS, <u>Saurabh S</u> <u>Gandhi, MS</u>; Grant Government Medical College & Sir J. J. Group of Hospitals, Mumbai, India
- V160 THE UCSD EXPERIENCE WITH ICG FLUORESCENCE-GUIDED SURGERY Jonathan C DeLong, MD, Ran B Luo, MD, Shanglei Liu, MD, Caitlin Houghton, MD, Alisa M Coker, MD, Garth R Jacobsen, MD, Bryan J Sandler, MD, Michael Bouvet, MD, Santiago Horgan, MD; Department of Surgery UC San Diego
- **V161 COMBINED ROBOTIC AND TATME FOR RECTAL CANCER** <u>Raquel Bravo</u><sup>1</sup>, Maria Fernandez<sup>1</sup>, Marta Jimenez<sup>1</sup>, Amelia Hessheimer<sup>1</sup>, Borja de Lacy<sup>1</sup>, Alessio Pigazzi<sup>2</sup>, Am Lacy<sup>1</sup>; <sup>1</sup>Hospital Clinic Barcelona, <sup>2</sup>University of California, Irvine
- V162 LAPAROSCOPIC COMPLETION CHOLECYSTECTOMY AFTER PRIOR LAPAROSCOPIC SUBTOTAL CHOLECYSTECTOMY: AT TIMES A NECESSARY EVIL? Talar Tatarian<sup>1</sup>, Francesco Palazzo<sup>1</sup>, L. Michael Brunt<sup>2</sup>, Daniel Deziel<sup>3</sup>, Steven Strasberg<sup>2</sup>, Michael Pucci<sup>1</sup>; <sup>1</sup>Thomas Jefferson University, <sup>2</sup>Washington University, <sup>3</sup>Rush University
- V163 CLOSED DUODENAL DUPLICATION CYST INVOLVING THE MAJOR DUODENAL PAPILLA VERSUS AMPULLARY CHOLE-DOCHOCELE. <u>Marius L Calin, MD</u>, Gabriel Arevalo, MD, Katie Harris, MD, Mark Lybik, MD, Maurice E Arregui, MD, FACS; Saint Vincent Hospital
- V164 MEDIAN ARCUATE LIGAMENT RELEASE: GLOBAL IMPROVEMENT SCORE Benjamin Biteman, MD, Fredrick Brody, MD; The George Washington University
- V165 LAPAROSCOPIC TOTAL GASTRECTOMY, D2 LYMPHADENECTOMY, EN BLOC DISTAL PANCREATECTOMY, SPLENECTOMY AND HIGH ANTERIOR RESECTION Enming Yong, Jaideepraj Rao, Sau Shung Fong; Tan Tock Seng Hospital
- V166 A HYBRID LAPAROSCOPIC-ENDOSCOPIC CYSTOGASTROSTOMY FOR PANCREATIC PSEUDOCYSTS Michael P Meara, MD, MBA<sup>1</sup>, Edward L Jones, MD<sup>2</sup>, David R Renton, MD<sup>1</sup>; <sup>1</sup>The Ohio State University Wexner Medical Center, <sup>2</sup>Univ. of Colorado and The Denver VA Medical Center

#### 12:00 PM - 1:30 PM

\*Included in Registration SuperPass (Option A) or Registration Option C

# SS29: Top Posters/ Posters of Distinction

ROOM 302

**BALLROOM A** 

## Moderator: Robert J. Bowles, MD | Co-Moderator: Minhua Zheng, MD, PhD

- **P001 UPTAKE OF ENHANCED RECOVERY PROGRAMS: SURVEY OF SAGES MEMBERS** <u>Deborah S Keller, MS, MD</u><sup>1</sup>, Conor P Delaney, MD, MCh, PhD, FRCSI, FACS, FASCRS<sup>2</sup>, Anthony J Senagore, MS, MD, MBA<sup>3</sup>, Liane S Feldman, MD<sup>4</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>University Hospitals-Case Medical Center, Case Western Reserve University, <sup>3</sup>University Hospitals- Parma Medical Center, Case Western Reserve University, <sup>4</sup>McGill University, Montreal, Quebec, Canada
- P002 IS REMISSION OF TYPE II DIABETES MELLITUS AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS ASSOCIATED WITH WEIGHT LOSS AND WEIGHT REGAIN? Shaina R Eckhouse, MD, Leonor Corsino, MD, FACE, MHS, Alfredo D Guerron, MD, Nova Szoka, MD, John Grant, MD, Keri Seymour, DO, Chan W Park, MD, Jin Yoo, MD, Ranjan Sudan, MD, Dana D Portenier, MD; Duke Universtiy
- P003 PRESENCE OF A FELLOWSHIP IMPROVES PERIOPERATIVE OUTCOMES FOLLOWING HEPATO-PANCREATO-BILIARY PROCEDURES Maria Altieri, MD, MS, Jie Yang, PhD, Andrew Bates, MD, Dana Telem, MD, Yaqi Xue, Mark Talamini, MD, Aurora Pryor, MD; Stony Brook University Hospital
- P004 OPTIMAL PERIOPERATIVE GLUCOSE CONTROL IN MORBIDLY OBESE BARIATRIC SURGERY PATIENTS DOES NOT IMPROVE OUTCOMES BUT DOES PREDICT TYPE 2 DIABETES RESOLUTION Jessica A Zaman, MD, Neil Shah, Glen Leverson, PhD, Jacob Greenberg, MD, EdM, Luke Funk, MD, MPH; University of Wisconsin
- **P005 STRAY ENERGY TRANSFER DURING ENDOSCOPY: A NEW MECHANISM FOR COMPLICATIONS** Edward L Jones, MD<sup>1</sup>, Amin Madani, MD<sup>2</sup>, Douglas M Overbey, MD<sup>1</sup>, Asimina Kiourti, PhD<sup>3</sup>, Satheesh Bojja-Venkatakrishnan, MS<sup>3</sup>, Dean J Mikami, MD<sup>3</sup>, Jeffrey W Hazey, MD<sup>3</sup>, Thomas N Robinson, MD<sup>1</sup>; <sup>1</sup>University of Colorado and Denver VA Medical Center, <sup>2</sup>McGill University, <sup>3</sup>The Ohio State University
- **P006 CAN ENDOSCOPIC CLIPS SOLVE SURGICAL NIGHTMARES? A 4-YEAR EXPERIENCE WITH OVER THE SCOPE CLIPPING SYSTEM** <u>Shanglei Liu, MD</u><sup>1</sup>, Thomas Savides, MD<sup>2</sup>, Syed Fehmi, MD<sup>2</sup>, Ran B Luo, MD<sup>1</sup>, Alisa M Coker, MD<sup>1</sup>, Jonathan C DeLong, MD<sup>1</sup>, Caitlin Houghton, MD<sup>1</sup>, Bryan J Sandler, MD<sup>1</sup>, Garth R Jacobsen, MD<sup>1</sup>, Santiago Horgan, MD<sup>1</sup>; <sup>1</sup>Department of Surgery, University of California San Diego, <sup>2</sup>Department of Gastroenterology, University of California San Diego
- P007 A SIMULATOR-BASED RESIDENT CURRICULUM FOR LAPAROSCOPIC COMMON BILE DUCT EXPLORATION RESULTING IN INCREASED CLINICAL UTILIZATION OF THE PROCEDURE Ezra N Teitelbaum, MD<sup>1</sup>, Nathaniel J Soper, MD<sup>1</sup>, Rym El Khoury, MD<sup>1</sup>, Ran B Luo, MD<sup>2</sup>, Benjamin Schwab, MD<sup>1</sup>, Byron F Santos, MD<sup>3</sup>, Alexander P Nagle, MD<sup>1</sup>, Eric S Hungness, MD<sup>1</sup>; <sup>1</sup>Northwestern University, <sup>2</sup>University of California at San Diego, <sup>3</sup>Dartmouth-Hitchcock Medical Center
- **P008 AN APP FOR PATIENT EDUCATION AND SELF-AUDIT WITHIN AN ENHANCED RECOVERY PROGRAM FOR COLORECTAL SURGERY: A PILOT STUDY ON VALIDITY AND USABILITY.** NicolÃ<sup>2</sup> Pecorelli, MD<sup>1</sup>, Julio F Fiore Jr., MSc, PhD<sup>1</sup>, Pepa Kaneva, MSc<sup>1</sup>, Abarna Somasundram, BSc<sup>1</sup>, Patrick Charlebois, MD<sup>2</sup>, A S Liberman, MD<sup>2</sup>, Barry L Stein, MD<sup>2</sup>, Franco Carli, MD, MPhil<sup>2</sup>, Liane S Feldman, MD<sup>2</sup>; <sup>1</sup>Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, <sup>2</sup>McGill University Health Centre
- P009 THE IMPACT OF NON-PELVIC ROBOTIC COLORECTAL SURGERY ON ROBOTIC RECTAL RESECTIONS Laila Rashidi, MD, Jennifer Lee, MD, Oliver Bellevue, MD, Amir Bastawrous, MD; Swedish Colon and Rectal Clinic

**ROOM 304** 

# Session: OR Team - Duodenoscopes, Infections and Reprocessing. What Have We Learned?

#### Chair: Herbert Lerner, MD | Co-Chair: Janet King, BSN, RN, CGRN

#### **SESSION DESCRIPTION**

In response to recent outbreaks of CRE infections associated with duodenoscopes (ERCP) have been reported, both the CDC and FDA have provided steps to mitigate the risk of transmission of these infections. We will discuss the current status of the outbreak and the steps taken to reduce the risk of transmission of CRE infections to patients.

#### **SESSION OBJECTIVES**

- At the conclusion of this session, participants will be able to:
- Describe the scope of the problem
- Discuss mitigation strategies
- · Review the next steps from a device design perspective

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
12:30PM	Update on CRE infections- FDA Perspective	Herbert Lerner, MD
12:40PM	OR Team Update of Reprocessing Practices	Sharon Van Wicklin, MSN, RN, CNOR, CRNFA(E)
12:50PM	SGNA Standard of Infection Control	Cathy Bauer, RN, CGRN, CFER
1:00PM	Endoscopist's Perspective on Reprocessing	Gary Vitale, MD
1:15PM	Review of Reprocessing Validation Studies	Shani Haugen, PhD
1:30PM	Infection Control Perspective	Lisa Heard, MSN, RN, CPHQ
1:45PM	Q&A	

#### **LEARNING THEMES**

FE Flex Endo

#### **GUIDELINES:**

Infection Control During GI Endoscopy

PE Professional/Economic
NATIONAL PRIORITIES

AE Academic/Educational

The entire 2016 meeting has been designated for Self-Assessment CME Credit, applicable to Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program. In order to claim Self-Assessment credit, attendees must participate in a post meeting quiz.

102

1:00PM - 3:00PM

## Panel: Oy, What a Mesh!

\*Included in Registration SuperPass (Option A) or Registration Option C

**BALLROOM B** 

**BALLROOM A** 

#### Chair: Allan Okrainec, MD | Co-Chair: Sharon Bachman, MD

#### **SESSION DESCRIPTION**

Hernia repair is one of the most commonly performed operations by surgeons worldwide. Surgeons performing these procedures should be familiar with the properties of new and existing mesh products, how to choose a particular mesh, and how to manage mesh-related complications.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Classify different types of prosthetic and bioprosthetic mesh materials
- Articulate the considerations for selecting mesh in different scenarios
- · Recommend strategies for preventing mesh infection and what to do if an infection occurs

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
1:00PM	Introduction	Allan Okrainec, MD Sharon Bachman, MD
1:05PM	A Common Language: How Do We Classify Mesh?	Lora Melman, MD
1:15PM	The Mesh/Tissue Interface and It's Implications in Hernia Repair	Caitlin Halbert, DO
1:25PM	What's New in Bioprosthetic Mesh?	Vedra Augenstein, MD
1:35PM	Should We Trust Self-Adhering Mesh?	David Earle, MD
1:45PM	Panel Discussion	All
2:00PM	Preventing Mesh Infections: What Materials and Techniques Are Available?	Shirin Towfigh, MD
2:10PM	So You Have a Mesh Infection; What's Next?	Rebecca Petersen, MD
2:20PM	Ouch, My Groin! Tips for Safe Excision of Inguinal Mesh	Brian Jacob, MD
2:30PM	My Hands Are Tied; What To Do When Your Institution Limits Your Mesh Options	Sharon Bachman, MD
2:40PM	Panel Discussion	All

#### **LEARNING THEMES**

HR Hernia

**GUIDELINES:** 

Guidelines for Laparoscopic Ventral Hernia Repair

NATIONAL PRIORITIES

1:30 PM - 3:00 PM

## \*Included in Registration SuperPass (Option A) or Registration Option C

SS30: Value/Outcomes

Moderator: Matthew M. Hutter, MD, MPH | Co-Moderator: Justin B. Dimick, MPH

S114 IS PATIENT SATISFACTION ASSOCIATED WITH 30-DAY POSTOPERATIVE OUTCOMES IN A POPULATION PRIMARILY UNDERGOING LAPAROSCOPIC PROCEDURES? Kristel Lobo Prabhu, MD, Ahmad Elnahas, MD, MSc, FRCSC, Michelle Cleghorn, Allan Okrainec, MDCM, MHPE, FACS, FRCSC, Fayez Quereshy, MD, MBA, FRCSC, Timothy Jackson, MD, MPH, FRCSC, FACS; University Health Network

S115 A NEW PERSPECTIVE ON THE VALUE OF MINIMALLY INVASIVE COLORECTAL SURGERY- PAYER, PROVIDER, AND PATIENT BENEFITS Deborah S Keller, MS, MD<sup>1</sup>, Kate Fitch, RN, MEd<sup>2</sup>, Andrew Bochner, BA<sup>2</sup>, Eric M Haas, MD, FACS, FASCRS<sup>3</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>Milliman, <sup>3</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical Center at Houston

S116 THE SMARTOR: A DISTRIBUTED SENSOR NETWORK TO IMPROVE OPERATING ROOM (OR) EFFICIENCY Albert Y Huang, MD, Guillaume Joerger, MS, Remi Salmon, PhD, Brian Dunkin, MD, Vadim Sherman, MD, Barbara Bass, MD, Marc Garbey, PhD; Houston Methodist

S117 MORTALITY AFTER ESOPHAGECTOMY IS HEAVILY IMPACTED BY CENTER VOLUME Hans F Fuchs, MD<sup>1</sup>, Cristina R Harnsberger, MD<sup>1</sup>, Ryan C Broderick, MD<sup>1</sup>, David C Chang, PhD<sup>2</sup>, Bryan J Sandler, MD<sup>1</sup>, Garth R Jacobsen, MD<sup>1</sup>, Michael Bouvet<sup>3</sup>, Santiago Horgan, MD<sup>1</sup>; <sup>1</sup>Center for the Future of Surgery, Division of Minimally Invasive Surgery, University of California, San Diego, <sup>2</sup>Department of Surgery, Codman Center, Massachusetts General Hospital, Harvard Medical School, Boston MA, <sup>3</sup>Department of Surgery, Division of Surgical Oncology, University of California, San Diego

**S118 INTRAOPERATIVE MUCOSAL PERFORATION DURING LAPAROSCOPIC ACHALASIA SURGERY: IMPACT OF PREOPERATIVE** PNEUMATIC BALLOON DILATION Yoshihito Souma, MD1, Kiyokazu Nakajima, MD, FACS2, Eiji Taniguchi Eiji Taniguchi, MD3, Tsuyoshi Takahashi, MD<sup>2</sup>, Yukinori Kurokawa, MD, FACS<sup>2</sup>, Makoto Yamasaki, MD<sup>2</sup>, Yasuhiro Miyazaki, MD<sup>2</sup>, Tomoki Makino, MD<sup>2</sup>, Takeyoshi Yumiba, MD<sup>1</sup>, Shuichi Ohashi, MD<sup>1</sup>, Shuji Takiguchi, MD<sup>2</sup>, Masaki Mori, MD, FACS<sup>2</sup>, Yuichiro Doki, MD<sup>2</sup>; <sup>1</sup>1. Department of Surgery, Osaka Central Hospital, Osaka, Japan, <sup>2</sup>2. Department of Gastroenterological Surgery, Osaka University Graduate School of Medicine, Osaka, Japan, <sup>3</sup>3. Department of surgery, Otemae hospital, Osaka, Japan

S119 A COMPARATIVE STUDY OF OUTCOMES BETWEEN SINGLE-SITE ROBOTIC AND MULTI-PORT LAPAROSCOPIC CHOLECYSTECTOMY: AN EXPERIENCE FROM A TERTIARY CARE CENTER. Banujan Balachandran, MS<sup>1</sup>, Taha Mustafa, MD<sup>1</sup>, Theadore A Hufford, MD<sup>1</sup>, Kunal Kochar, MD<sup>1</sup>, Leela M Prasad, MD<sup>1</sup>, Suela Sulo, PhD<sup>3</sup>, Joubin Khorsand, MD<sup>2</sup>; <sup>1</sup>Division of Colon and Rectal Surgery, Advocate Lutheran General Hospital, <sup>2</sup>General Surgery, Advocate Lutheran General Hospital, <sup>3</sup>Russell Institute for Research & Innovation, Advocate Lutheran General Hospital

- S120 THE IMPACT OF STANDARDIZATION ON SHORT AND LONGTERM OUTCOMES IN BARIATRIC SURGERY Lisa N Aird, MD, MHSc<sup>1</sup>, Ruth Breau<sup>1</sup>, Dennis Hong, MD, MSc<sup>2</sup>, Scott Gmora<sup>2</sup>, Mehran Anvari<sup>3</sup>; <sup>1</sup>Centre for Minimal Access Surgery, <sup>2</sup>St. Joseph's Healthcare, <sup>3</sup>Ontario Bariatric Network
- **S121 SURGEON CASE VOLUME AND READMISSIONS AFTER ROUX-EN-Y GASTRIC BYPASS: MORE IS LESS** Adam Celio, MD, Matthew Burruss, MD, Kevin Kasten, MD, Walter Pofahl, MD, Walter Pories, MD, William Chapman, MD, Konstantinos Spaniolas, MD; Department of Surgery, Brody School of Medicine at East Carolina University

S122 SURGICAL OUTCOMES AT BARIATRIC CENTERS OF EXCELLENCE: ARE THEY ALL EXCELLENT? Andrew M Ibrahim, MD, Amir A Ghaferi, MD, MS, Jyothi Thumma, MPH, Justin B Dimick, MD, MPH; University of Michigan, Center for Healthcare Outcomes & Policy

#### 1:30 PM - 3:00 PM

## \*Included in Registration SuperPass (Option A) or Registration Option C

**ROOM 302** 

#### SS31: Bariatrics, Metabolic, Physiology Moderator: David R. Urbach, MD | Co-Moderator: Desmond H. Birkett, MD

- **S123 GERD AND ACID REDUCTION MEDICATION USE FOLLOWING GASTRIC BYPASS AND SLEEVE GASTRECTOMY** <u>Alex C Barr, MS</u>, Dr. Jon Gould, Dr. James R Wallace, Dr. Matthew I Goldblatt, Matthew Bosler, Matthew Frelich; Medical College of Wisconsin
- S124 INDIVIDUALIZING COUNSELING FOR THE BARIATRIC PATIENT: A PREDICTIVE MODEL FOR LONG TERM MORTALITY FOLLOWING BARIATRIC SURGERY Andrew T Bates, Jie Yang, Maria Altieri, Mark Talamini, Aurora Pryor, Dana Telem; Stony Brook Medical Center
- **S125 DOES SLEEVE GASTRECTOMY AFFECT THE GEOMETRY AND TONE OF THE GASTROESOPHAGEAL JUNCTION?** Silvana Perretta, MD, Antonio D'Urso, MD, Marius Nedelcu, MD, Michel Vix, MD, Bernard Dallemagne, MD, Didier Mutter, MD; Department of Digestive and Endocrine surgery, University of Strasbourg
- **S126 PREOPERATIVE ENDOSCOPY IN BARIATRIC PATIENTS MAY CHANGE SURGICAL STRATEGY** Francisco Schlottmann, Romina Reino, Marina Spano, Martin Galvarini, Jose Alvarez Gallesio, <u>Rudolf Buxhoeveden</u>; Hospital Aleman of Buenos Aires
- **S127 TRUTH IN BARIATRIC SURGERY ADVERTISING AMONG ACADEMIC AND NON-ACADEMIC CENTERS** J. Aaron Barnes<sup>1</sup>, Sarah E Billmeier, MD, MPH<sup>2</sup>, Gina L Adrales, MD, MPH<sup>2</sup>; <sup>1</sup>Geisel School of Medicine, <sup>2</sup>Dartmouth Hitchcock Medical Center
- S128 EARLY DISCHARGE IN THE BARIATRIC POPULATION DOES NOT INCREASE POST DISCHARGE RESOURCE UTILIZATION Joshua Rickey, MD, Dimitrios Stefanidis, MD, FACS, FASMBS, Keith Gersin, MD, FACS, FASMBS, Timothy Kuwada, MD, FACS, FASMBS; Carolinas Medical Center
- S129 SAFETY AND EFFICACY OF A NEW ENDOSCOPIC DUODENAL-JEJUNAL BYPASS LINER (DJBL) IN MORBIDLY OBESE SUBJECTS IMPLANTED FOR UP TO THREE YEARS. Nicolas Quezada<sup>1</sup>, Erick Castillo<sup>1</sup>, Rodrigo Munoz<sup>1</sup>, Fernando Pimentel<sup>1</sup>, Dannae Turiel<sup>1</sup>, Alex Escalona<sup>2</sup>, Palmenia Pizarro<sup>1</sup>; <sup>1</sup>Pontificia Universidad Catolica de Chile, <sup>2</sup>Universidad de Los Andes
- **S130 ENDOSTIM® LES STIMULATION THERAPY IMPROVES GERD IN PATIENTS WITH LAPAROSCOPIC SLEEVE GASTRECTOMY** (LSG) <u>Alejandro Nieponice, PhD</u><sup>1</sup>, Yves Borbely<sup>2</sup>, Leonardo Rodriguez<sup>3</sup>, Henning G Schulz<sup>4</sup>, Camilo Ortiz<sup>5</sup>, Michael Talbot<sup>6</sup>, David Martin<sup>7</sup>, Nicole Bouvy<sup>8</sup>, <sup>1</sup>Fundacion Favaloro, <sup>2</sup>Inselspital Bern University Hospital, <sup>3</sup>Centro Clinico de Obesidad, Diabetes y Reflujo, <sup>4</sup>Evangelisches Krankenhaus Castrop-Rauxel, <sup>5</sup>Hospital El Tunal, <sup>6</sup>St. George Hospital, <sup>7</sup>Concord Hospital, <sup>8</sup>Maastricht University Medical Center
- S131 THE EFFECTS OF BARIATRIC SURGERIES ON NON-ALCOHOLIC FATTY LIVER DISEASE Tamader Aldoheyan, Mazen Hassanain, MBBS, FRCSC, FACS, PhD, Atheer Al-Sabhan, Shaden Alamro, Amnah Al-Mulhim, MD; King Saud University

#### 2:00PM - 3:00PM

\*Included in Registration SuperPass (Option A) or Registration Option C

## Session: OR Team - What's Bugging You? Chair: Vimal Narula, MD | Co-Chair: Maureen Quigley, APRN

**ROOM 304** 

#### SESSION DESCRIPTION

This session will address the topics that are on the forefront of issues that we, as an OR team, are dealing with on a daily basis. The focus of this session is on patient safety, and improving quality and outcomes for our patients. This session is applicable to surgeons and their OR teams.

#### **SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:

- Describe a team approach to OR checklists and how they affect patient safety and outcomes
- · Implement consistent OR teams for bariatric surgery patients at their respective institutions
- · Recognize lack of communication after the patient has left the operating room
- Understand fire safety in the OR

#### **ACTIVITY OUTLINE**

Time	Presentation Title	Invited Faculty
2:00PM	OR Time-outs, Pauses, and Checklists: Is Anyone Listening?	Melissa Davis, DNP
2:10PM	Operating Room Fire Safety - A Team Approach	Denise Gee, MD
2:25PM	Bariatric Patients - Lack of Trained Staff / Consistent Teams - Does this Affect Safety and Outcomes	Bradley Needleman, MD
2:40PM	Lack of Communication of OR Findings with Team (Referring Provider, PCP, Primary Service) - Does it Affect Patient Care / Outcomes?	Karen Flanders, APRN
2:50PM	Q&A	

#### **LEARNING THEMES**

B Bariatrics

Academic/Educational

NATIONAL PRIORITIES (🗐 🕥

#### 7:30 AM - 2:00 PM

🔁 mini med school

**SAGES Mini Medical School Boot Camp & Interactive Experience** 

Chair: James Butch Rosser, MD | Co-Chair: Douglas Smink, MD High School Rep/ Top Gun for Kids: Elliott Powers

ROOM 312 (non-CME Activity)

\*No Fee for High School Students

#### SAGES does not offer CME for this event

Building on success of previous years, high school students from the Boston area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. With projected physician and surgeon shortages in the future, the vision of this program is to encourage and promote early decisions to join our noble profession. The day is power packed with expanded hands-on skill lab, and the Top Gun Interactive Experience. Both cognitive and skill competitions with awards and prizes will be offered. So do not delay in contacting SAGES for more information because space is limited.

The SAGES Mini Med School is designed to expose high school students to the field of Surgery through hands-on experience and simulation. Students will begin to appreciate that being in the OR is rewarding, important work, and fun. To maximize exposure, real life surgeons/volunteers will mentor the students throughout the program.

**The Mini Med School Experience** is a power packed extravaganza that provides fun with a purpose. Students will have the opportunity to show that they have the "right stuff" to join the ranks of physicians and laparoscopic surgeons. From video games that help decrease errors, to robots, FLS and Top Gun surgical simulation drills. Make sure you do not miss this one of its kind opportunity.

Time	Program
7:30AM	Registration/Check-in
8:00AM	Welcome & Program Overview
8:30AM - 12:30PM	Hands-On Surgical Skill Development - Lab
12:30PM	Lunch
1:00PM	The Interactive Experience – Classroom
1:50PM	Evaluation, Prizes and Closing

Program limited to 100 high school students. Letter of recommendation from a high school teacher is required

# **Save the Date!**

### **SAGES Scientific Session & Postgraduate Course**

March 22 - 25, 2017, Houston TX

SAGES/CAGS hosted World Congress of Endoscopic Surgery

April 11-14, 2018, Seattle WA

# 2016 Learning Center

Chair: Edward Auyang, MD Co-Chair: Denise Gee, MD

**Location: Exhibit Hall C** 

Dates: Thursday, March 17, 2016 Friday, March 18, 2016

#### Hours of Operation: 9:30am - 4:00pm

#### 1. Top Gun

#### Coordinator: James "Butch" Rosser, MD

The Top Gun Laparoscopic Skill Shootout Station will allow participants of all training levels to develop and improve their laparoscopic skills. The station will feature the validated "Rosser TOP GUN" skill development stations developed by Dr. Rosser and made famous at Yale. To date, over 6000 surgeons have participated around the world. Instructors will show tactics and techniques that will transfer readily into the clinical environment. Participants will compete for slots in the Top Gun Shoot Out; crowning one SAGES 2016 TOP GUN.

#### **Objectives:**

At the conclusion of this activity, the participant will be able to:

- Review the Rosser suturing algorithm
- Perform dexterity skills and suturing exercises using the "Rosser TOP GUN" training stations
- Compete with other surgeons in the Top Gun Shoot Out

#### 2. Fundamentals of Laparoscopic Surgery™ (FLS)

#### Coordinator: Salvatore Docimo, DO, MS

Fundamentals of Laparoscopic Surgery<sup>™</sup> is a joint program of SAGES and ACS, it is now required for board certification of general surgery residents. The program is designed to teach physiology, fundamental knowledge, and technical skills, required for competency in laparoscopic surgery. This station will introduce participants to the FLS technical tasks.

#### **Objectives:**

At the conclusion of this activity, the participant will be able to:

- Describe the components of the FLS 2.0 program
- Explain the preoperative, intraoperative, and postoperative considerations fundamental to laparoscopic surgery
- · Have exposure to the technical tasks involved



#### SAGES does not offer CME for the Learning Center

#### 3. Fundamentals of Endoscopic Surgery<sup>™</sup> (FES)

#### Coordinator: Jonathan Pearl, MD

Flexible Endoscopy continues to be an important component to a General Surgeons practice. Endoscopy requirements in residency training have increased over the past few years and simulation is now a requirement. This station will showcase the newly developed Flexible Endoscopy training models. These models allow training in scope navigation, tissue targeting, retroflexion and loop reduction.

#### **Objectives:**

At the conclusion of this activity, the participant will be able to:

- Practice valuable endoscopic skills in a reproducible model
- Perform various endoscopic tasks in a virtual reality simulator
- Evaluate the SAGES endoscopic curriculum

## 4. Fundamental Use of Surgical Energy™ (FUSE) Coordinator: Jaisa Olasky, MD & Suvranu De, ScD

SAGES has developed a curriculum to help with the understanding and safe use of energy devices in the operating room. This learning station will allow the user to review the science and safety behind monopolar, bipolar and ultrasonic energy devices. Participants will have the opportunity to use the VEST simulator. The VEST simulator will introduce learners to the basic electrosurgical tasks in surgery within a high fidelity virtual reality environment using both monopolar and bipolar electrosurgical tools.

#### **Objectives:**

At the conclusion of this activity, the participant should be able to:

- Describe the physics behind common energy devices in the operating room
- Appreciate the difficulties related to the use of the electrosurgical tools
- Learn the proper technique in performing electrosurgical tasks safely
- Perform different energy-based tasks within a simulated scenario using both monopolar and bipolar electrosurgical tools.

#### 5. Robotic Surgery Mini-Olympics

#### Coordinator: Yusef Kudsi, MD

Robotic Surgery Mini-Olympics offers an opportunity for participants to familiarize themselves with the da Vinci robot console and simulator. Participants will learn basic robotic surgery techniques and practice those skills on various simulator tasks. In addition, participants will have the option of recording their performance as part of a friendly skills competition.

#### **Objectives:**

At the conclusion of this activity, the participant will be able to:

- Gain familiarity with the basic daVinci robot console and controls
- · Practice various robot skills on the simulator
- Identify basic differences between robotic and laparoscopic surgical approaches.

# 2016 Learning Center (continued)

## 6. Laparoscopic Common Bile Duct Exploration

#### Coordinator: B. Fernando Santos, MD

Laparoscopic common bile duct exploration is a surgical technique that allows the common bile duct to be cleared of biliary stones without the need for open or endoscopic procedures. At this station participants will learn the available techniques used for laparoscopic bile duct exploration.

#### **Objectives:**

- At the conclusion of this activity, the participant should be able to:
- Practice the techniques available for cannulating the common bile duct
- Practice various techniques for clearing the common bile duct of stones
- Interpret intraop cholangiogram to identify obstructing stones

#### SAGES does not offer CME for the Learning Center

## 7. Human-In-The-Loop Interactive Surgical Simulation Coordinator: Venkat N. Krovi, MD

Simulated surgical environments offer practical mechanisms for both training and performance evaluation of novice surgical trainees. The coupling of various sensing modalities with immersive virtual reality simulation environments creates immense possibilities for interactive surgical training leveraging the underlying core strengths in: (i) Controlled presentation of stimuli; (ii) Instrumented measurement of the user's interaction (with various sensing technologies); (iii) Quantitative metrics for graded performance and skill evaluation.

## **Objectives:**

At the conclusion of this activity, the participant should be able to:

- Learn about the state of the art in human-in-the-loop surgical simulation
- Compare evaluation of alternate technologies with a focus on economic and logistic viability
- Learn about the ongoing development of validating the novel class of quantitative metrics

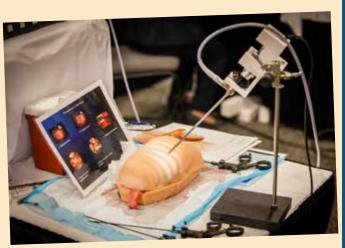
SAGES acknowledges educational grants in support of this venue from Olympus, Stryker Endoscopy

SAGES acknowledges contributions in-kind in support of this venue from Intuitive Surgical, Karl Storz Endoscopy, Limbs & Things, Medtronic, Olympus, Teleflex, US Endoscopy









# got self assessment credit?



Did you know that the American Board of Surgery requires 60 Category 1 CME Credits from a self assessment activity every 3 years for Maintenance of Certification (MOC)?

Get your self assessment credit from SAGES today:

- SAGES Annual Meeting (www.sages2016.org)
- Fundamentals of Laparoscopic Surgery<sup>™</sup> (http://www.flsprogram.org/)
- Fundamentals of Endoscopic Surgery<sup>™</sup> (http://www.fesprogram.org/)
- Fundamental Use of Surgical Energy™ (http://www.fuseprogram.org/)



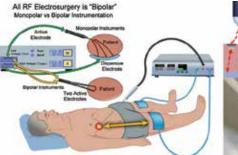
# FUNDAMENTAL USE OF SURGICAL ENERGY<sup>TM</sup>



Surgical energy-based devices are used daily in operating rooms around the world, yet surgeons are not formally trained in their proper and safe use. In response, SAGES and the Fundamental Use of Surgical Energy (FUSE) Task Force have created the FUSE educational program. FUSE includes an interactive web-based multimedia-enhanced didactic curriculum and an online multiple choice certification exam. FUSE is designed to certify that a test taker has demonstrated the knowledge fundamental to the safe use of surgical energy-based devices in the operating room, endoscopic suite and other procedural areas.

THE FUSE PROGRAM COVERS:

- Fundamentals of Electrosurgery
- Mechanisms and Prevention of Adverse Events
- Monopolar Devices
- Bipolar Devices
- Radiofrequency for Soft Tissue Ablation
- Endoscopic Devices
- Ultrasonic Energy Devices
- Microwave Energy Systems
- Energy Devices in Pediatric Surgery
- Integration of Energy Systems with Other Devices





If you are not an expert in the devices you use every day, if you wonder if you could do more to promote safety in the operating room, if most of your knowledge of energy-based devices came from industry...then FUSE is for you!



TAKE THE FUSE EXAM WHILE AT THE SAGES 2016 MEETING IN BOSTON AND RECEIVE A COMPLIMENTARY USB DRIVE

### www.fuseprogram.org

For questions please contact Jessica Mischna, FUSE Program Manager: Jessica@fuseprogram.org



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Awards Bariatric & Metabolic Disease Bylaws Communications Conflict of Interest Task Force Continuing Education Curriculum Task Force Development Educational Resources Endolumenal Bariatric Task Force Ethics Finance / Assets

#### Flexible Endoscopy Fundamental Use of Surgical Energy (FUSE) Fundamentals of Endoscopic Surgery (FES) Fundamentals of Laparoscopic Surgery (FLS) Global Affairs Guidelines Hernia Task Force Humanitarian Task Force Legislative Membership Military Working Group



Open to MIS Working Group Pediatrics Program Publications Quality, Outcomes and Safety Research and Career Development Resident & Fellow Education Robotics Task Force Safety in Cholecystectomy Task Force SMART Enhanced Recovery Technology and Value Assessment Telementoring Task Force

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## WWW.SAGES.ORG



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# SAGES

#### Society of American Gastrointestinal and Endoscopic Surgeons

Resource/Program	Description	Members	Non-Members
bio sages	<b>i MAGES</b> provides access to vast library of digital images, photos and graphics.	Download images Utilize images in Presentations Upload/Share/Arvhive images Rate/Review images	View access only to low resolution image versions
uo internet	<b>SAGES TV</b> is a central "searchable and fully navigational" depository for SAGES videos	Upload/Share/Archive VideosRate/Review Videos	View access only to video catalog
SAGES Media Madness! Now available	S-Wiki is a surgical "Wikipedia" that has significant potential to become the most authoritative surgical reference on the web.	Edit Existing Articles Create New Articles	Read only Access to Articles
SAGES Webinars	These <b>webinars</b> have been developed specifically for residents and will feature expert panelist from SAGES.	Register and Participate in SAGES Resident Webinars for Free!	Register and Participate in SAGES Resident Webinars for Free!
Education - Research - Innovation	SAGES University facilitates online education content for Part 2 Self Assessment CME credit.	Full Access to complete all SAGES U Courses and obtain Self Assessment CME Credit, applicable toward fulfilling Part 2 of the ABS MOC Program	This Resource is for Members Only
MYCME	MYCME is a central repository to track all SAGES awarded Part 2 Self Assessment CME credit.	View and track all SAGES related CME Credit obtained from SAGES U and Live events	View and track all SAGES related CME Credit obtained from live events
SAGES Guidelines	A complete list of all currently published <b>SAGES Guidelines</b> on the SAGES publication page.	On-line access to all SAGES Guidelines	On-line access to all SAGES Guidelines
SAGES Go Global	SAGES International Proctoring Courses are a vehicle for SAGES to "give back" to the world commu- nity by leveraging its leading educational and training activities to become a leader in bringing safe minimally invasive surgery to the developing world.	SAGES Members may volunteer to participate in SAGES Go Global Activities	
○► MIS Safety Checklist	A checklist developed by SAGES and AORN to aid operating room personnel in the preparation of equipment and other duties unique to laparoscopic surgery cases.	On-line access to all SAGES Guidelines ember go to www.sages.org/members	On-line access to all SAGES Guidelines

For information how to become SAGES member go to www.sages.org/membership

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- Farzad Alemi, MD, Assist. Professor, Hepatopancreatobiliary Surgery, Univ. of Missouri, Kansas City, Kansas City, MO
- James L. Alexander, MA, MRCP, Clinical Research Fellow, Imperial College London, London, United Kingdom
- Jeff Allen, MD, Dir. of Laparoscopic Surgery, Norton Healthcare, Louisville, KY
- Joshua B. Alley, MD, Dir., Metabolic & Bariatric Surgery, Centra Health, Lynchburg, VA
- John Alverdy, MD, Harold and Sarah Lincoln Thompson Professor of Surgery, Univ. of Chicago, Chicago, IL
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- **Rebeccah B. Baucom, MD,** General Surgery Resident, Vanderbilt Univ. Medical Center, Nashville, TN
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- Justin Constantine, LC, War Trauma Survivor, Washington, DC
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- Jorge Daes, MD, Dir., Minimally Invasive Dept., Clinica Portoazul/ Bautista, Barranquilla, Colombia
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- Paul D. Dally, MD, Peace Health Southwest Medical Center, Vancouver, WA
- **Giovanni Dapri, MD, PhD,** Professor of Surgery, Department of Gastrointestinal Surgery, European School of Laparoscopic Surgery, Brussels, Brussels, Belgium
- **Melissa Davis, DNP, ANP-BC, CNS, CNOR, CBN, RNFA,** DNP, Nurse Practitioner, Clinical Nurse Specialist, RN First Assist., Banner Univ. Medical Center, Phoenix, AZ

# SAGES 2016 Surgical Spring We **n** X

- Brian R. Davis, MD, Assoc. Professor of Surgery and Internal Medicine, Residency PD, Texas Tech Paul L. Foster School of Medicine, El Paso, TX
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- Khashayar Vaziri, MD, Assoc. Professor of Surgery, George Washington Univ., Washington, DC
- Gary C. Vitale, MD, Professor of Surgery, Univ. of Louisville, Louisville, KY
- Guy R. Voeller, MD, Professor of Surgery, Univ. of Tennessee Health Science Center, Memphis, TN
- Eric T. Volckmann, MD, Assist. Professor, Dir. of Bariatric Surgery, Univ. of Utah, Salt Lake City, UT
- Norihito Wada, MD, Assist. Professor, Keio Univ. School of Medicine, Tokyo, Japan
- Go Wakabayashi, MD, PhD, Ageo Central General Hospital, Ageo, Japan
- Robert Waldinger, MD, Clinical Professor of Psychiatry, Director of Harvard Study of Adult Development, Boston, MA
- Danielle S Walsh, MD, Assoc. Professor, East Carolina Univ., Greenville, NC
- Yulun Wang, PhD, Chairman & CEO, InTouch Health, Santa Barbara, CA
- Kevin E. Wasco, MD, Partner Surgical Assoc.s of Fox Cities/Co-Dir. Midwest Bariatric Solutions, Surgical Associates of Fox Cities / Midwest Bariatric Solutions/Thedacare Hospitals, Neenah, WI
- Mark J. Watson, MD, Professor, UT Southwestern Dallas, Dallas, TX
- Steven D. Wexner, MD, Dir., Digestive Disease Center; Professon & Chairman, Dept. of Colorectal Surgery, Cleveland Clinic Florida, Weston, FL
- Richard L. Whelan, MD, Professor of Surgery, Icahn Mount Sinai School of Medicine, New York, NY
- Mark H. Whiteford, MD, Dir., Colon and Rectal Surgery, The Oregon Clinic, Providence Caner Center., Portland, OR
- Brandon Williams, MD, Assist. Professor of Surgery, Vanderbilt Univ., Nashville, TN
- Andrew S. Wright, MD, Assoc. Professor, Univ. of Washington, Seattle, WA
- Manabu Yamamoto, MD, Dir. and Chairman, Adachi Kyosai Hospital, Tokyo, Japan
- Louise Yeuk Yan Yeung, MD, General and Minimally Invasive Surgeon, Kaiser Permanente Los Angeles, Los Angeles, CA
- MAJ Fia Yi, MD, Assist. Professor of Surgery, Uniformed Services University of the Health Sciences, San Antonio Military Medical Center, Ft. Sam Houston, TX
- Yoo-Seok Yoon, MD, PhD, Assoc. professor, Seoul National Univ. Bundang Hospital, Seongnam-si, Korea
- Debbie F. Youngelman, MD, General Surgeon, Community Care Physicians, PC, Latham, NY
- Tonia M. Young-Fadok, MD, Professor of Surgery, Mayo Clinic, Phoenix, AZ
- Linda P. Zhang, MD, Mount Sinai School of Medicine, New York, NY Minhua Zheng, MD, PhD, professor, Ruijin Hospital, Shanghai
- JiaoTong Univ., School of Medcine, Shanghai, CHINA Natan Zundel, MD, Professor of Surgery, Vice-Chairman Dept. of Surgery, FIU Herbert Wertheim College of Medicine, Miami Beach, FL

Unless indicated below, the presenters, faculty, abstract reviewers, SAGES Board of Governors, Program Committee members, Continuing Education Committee members and Conflict of Interest Task Force members for all CME Activity do not have any financial relationships to disclose relating to the content of this activity (i.e., relevant financial relationships).

#### **SAGES Meeting Responsibility Legend:**

Faculty: Session Chairs, Faculty, Moderators

Reviewer: Abstract Reviewer

Planning Committee: SAGES Board of Governors, Program Committee, Continuing Education and Conflict of Interest Task Force

Presenter: Abstract or Video Presenter

Name	Commercial Interest	What was received	For what role	Meeting Responsibility
Rajesh Aggarwal	Applied Medical	Consulting Fee	Consultant	Faculty/Reviewer
Mehran Anvari	Enteromedics	Consulting Fee	Consultant	Faculty
	Ethicon Canada	Consulting Fee	Advisory Committee	Faculty
	Medtronics	Support for International Fellow	Fellowship program director	Faculty
	Valentx	Honoraria	Advisory Committee	Faculty
Horacio J. Asbun	Medtronic	Honoraria	Speaking/Teaching	Faculty/Planning Committee
Vedra Abdomerovic	Ethicon	Honoraria	Speaking/Teaching	Faculty/Reviewer
Augenstein	Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
	LifeCell	Honoraria	Speaking/Teaching	Faculty/Reviewer
Michael Magdi Awad	Ethicon EndoSurgery	Research	Educational grant for surgical skills training	Faculty
Conrad Dizon Ballecer	Ethicon	Honoraria	Speaking/Teaching	Faculty
	Intuitive Surgical	Honoraria	Speaking/Teaching	Faculty
George Berci	Karl Storz Endoscopy	Research	Consultant	Faculty/Reviewer
Simon Bergman	Baxter	Honoraria	Consultant	Faculty/Planning Committee/Reviewer
	Covidien	Honoraria	Consultant	Faculty/Planning Committee/Reviewer
Marc Bessler	Endobetes	Ownership Interest	Management Position	Faculty
Desmond H. Birkett	Microline Surgical, Inc	Salary	Board Member	Faculty
James G. Bittner	Bard Davol, Inc.	Consulting Fee	Advisory Committee	Faculty/Planning Committee/Reviewer
	Bard Davol, Inc.	Research	Principal Investigator	Faculty/Planning Committee/Reviewer
	Cook Medical, Inc.	Research	Principal Investigator	Faculty/Planning Committee/Reviewer
	Cook Medical, Inc.	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
	EnteroMedics, Inc.	Research	Principal Investigator	Faculty/Planning Committee/Reviewer
Fredrick J. Brody	Ethicon	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
	Medtronic	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
L. Michael Brunt	Gore	Research	Institutional research support	Faculty/Planning Committee/Reviewer
	Karl Storz Endoscopy	Research	Institutional research support, faculty coordinator	Faculty/Planning Committee/Reviewer
F. Paul Buckley	Torax	Consulting Fee	Speaking/Teaching	Faculty
	Torax	Consulting Fee	Speaking/Teaching	Faculty
Diego R. Camacho	Covidean	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
	Ethicon	Consulting Fee	Consultant	Faculty/Reviewer
	Ethicon	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
	Medtronics	Consulting Fee	Consultant	Faculty/Reviewer
Alfredo M. Carbonell	Intuitive Surgical	Honoraria	Speaking/Teaching	Faculty
	Maquet Medical	Honoraria	Speaking/Teaching	Faculty
	W.L. Gore and Associates	Consulting Fee	Consultant	Faculty
	W.L. Gore and Associates	Honoraria	Speaking/Teaching	Faculty
Tom Cecil	Covidien	Consulting Fee	Consultant	Faculty
Bipan Chand	Ethicon	Consulting Fee	Consultant	Faculty
	Ethicon	Consulting Fee	Speaking/Teaching	Faculty
George J. Chang	Ethicon	Honoraria	Consultant	Faculty
David Chia-Chang Chen	Covidien	Honoraria	Speaking/Teaching	Faculty
William S. Cobb	Atrium Medical	Consulting Fee	Consultant	Faculty
	Ethicon, Inc.	Honoraria	Speaking/Teaching	Faculty
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty

Name	<b>Commercial Interest</b>	What was received	For what role	Meeting Responsibility
Jonathan Cohen	Boston Scientific	Consulting Fee	Consultant	Faculty
	Ferring Pharmaceuticals	Honoraria	Speaking/Teaching	Faculty
	GI Windows	Ownership Interest	stockholder	Faculty
	Otsuka Pharmaceuticals	Honoraria	Speaking/Teaching	Faculty
	Uptodate	Royalty	Author	Faculty
Mark Coleman	Olympus	Honoraria	Consultant	Faculty
Gregory F. Dakin	Covidien	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
Giovanni Dapri	Karl Storz - Endoskope, Tuttlingen, Germany	Consulting Fee	Consultant	Faculty/Reviewer
Melissa Davis	Johnson & Johnson - Ethicon	Honoraria	Speaking/Teaching	Faculty
Barham Abu Dayyeh	Apollo Endosurgery	Consulting Fee	Consultant	Faculty
	Aspire Bariatrics	Research	Research	Faculty
	GI Dynamics	Research	Research	Faculty
	Metamodix	Consulting Fee	Consultant	Faculty
Teresa Catherine deBeche-Adams	Applied Medical	Honoraria	Speaking/Teaching	Faculty
Conor P. Delaney	Covidien	Honoraria	Consultant	Faculty
	Ethicon	License fee	Patent (anoscope)	Faculty
	Simbionix	Royalty	Developed simulator	Faculty
	Socrates Analytics	IP Rights	Founder, inventor	Faculty
Justin B. Dimick	ArborMetrix	Ownership Interest	Board Member	Faculty
Brian J. Dunkin	Boston Scientific	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
	Covidien	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
	Ethicon	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
	Olympus	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
Erik P. Dutson	Titan Medical	Stock options	Advisory Committee	Reviewer
David B Earle	Atrium Medical	Honoraria	Speaking/Teaching	Faculty
	Bard/Davol	Consulting Fee	Consultant	Faculty
	Covidien	Consulting Fee	Consultant	Faculty
	DSM Biosurgical	Consulting Fee	Consultant	Faculty
	Endosphere	Ownership Interest	Consultant	Faculty
	Foundation for Surgical Fellowships	Grant	Fellowship	Faculty
	RTI Surgical	Consulting Fee	Consultant	Faculty
	Via Surgical	Ownership Interest	Advisory Committee	Faculty
George M. Eid	Bariatric fusion	Consulting Fee	Advisory Committee	Faculty
	Carefusion	Consulting Fee	Consultant	Faculty
	Cooper Surgical	Consulting Fee	Consultant	Faculty
	Covidien	Honoraria	Speaking/Teaching	Faculty
	Gore	Honoraria	Speaking/Teaching	Faculty
Steve Eubanks	Gimmi Medical	Royalty	Inventor	Faculty
	TransEnterix	Honoraria	Consultant	Faculty
Robert D. Fanelli	Allurion Technologies, Inc.	Ownership Interest	Owner	Faculty/Planning Committee/Reviewer
	Cook Surgical, Inc.	Royalty	Independent Contractor	Faculty/Planning Committee/Reviewer
	EndoGastric Solutions	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
	Mozaic Medical, Inc.	Ownership Interest	Owner	Faculty/Planning Committee/Reviewer
	Respiratory Motion, Inc.	Ownership Interest	Owner	Faculty/Planning Committee/Reviewer
Timothy M Farrell	Southeastern Surgical Congress	Salary	Management Position	Faculty/Planning Committee/Reviewer
Nicole M. Fearing	Ethicon	Educational materials, suture material/ stapling supplies for training sim labs	Education for residents	Faculty/Planning Committee
	Gore	Educational materials for sim lab-tie boards, suture, graft materials	Education for residents	Faculty/Planning Committee
Liane S. Feldman	medtronic	Unrestricted Educational Grant	Director of Steinberg- Bernstein Centre	Faculty/Planning Committee/Reviewer
Gerald M. Fried	Covidien/Medtronic Canada	Research	PI of investigator-initiated research and educational activities, sponsored by industry	Faculty/Planning Committee
Karl H. Fuchs	Olympus	Research	Consultant	Faculty
	Olympus Europe Hamburg	Research	Consultant	Faculty

Name	Commercial Interest	What was received	For what role	Meeting Responsibility
Michel Gagner	Boehringer Laboratories	Research	Independent Contractor	Planning Committee
, in the second s	Covidien	Honoraria	Speaking/Teaching	Planning Committee
	Ethicon	Honoraria	Speaking/Teaching	Planning Committee
	Gore	Honoraria	Speaking/Teaching	Planning Committee
	MID	Honoraria	Speaking/Teaching	Planning Committee
	TransEnterix	Ownership Interest	Consultant	Planning Committee
Manoel P Galvao Neto	Apollo EndoSurgery	Consulting Fee	Consultant	Faculty
	Ethicon EndoSurgery	Honoraria	Advisory Committee	Faculty
	Fractyl Labs	Consulting Fee	Consultant	Faculty
	GI Dynamics	Consulting Fee	Consultant	Faculty
Keith Steven Gersin	GI Dynamics	Consulting Fee	Consultant	Faculty
	Pacira	Honoraria	Speaking/Teaching	Faculty
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty
Matthew I. Goldblatt	Bard/Davol	Research	Industry Sponsored Research	Faculty/Planning Committee/Reviewe
	Covidien/Medtronic	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
	Covidien/Medtronic	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewe
	Gore	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Review
lon C. Gould	Torax Medical	Consulting Fee	Advisory Committee	Faculty/Planning Committee/Review
acob Andrew	Bard-Davol	Consulting Fee	Consultant	Faculty/Reviewer
Greenberg	Bard-Davol	Research	Site Investigator for clinical trial	Faculty/Reviewer
	Covidien	Consulting Fee	Consultant	Faculty/Reviewer
	Covidien	Research	Principal Investigator	Faculty/Reviewer
	Covidien	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Miromatrix Medical	Research	Site Principal Investigator	Faculty/Reviewer
Charlotte Guglielmi	AORN Foundation	No Compensation	Board Member	Faculty
	AORN Works Inc	No compensation	Board Member	Faculty
	IHI	Faculty	Consultant	Faculty
	Sedgwick CMS	Consulting Fee	Consultant	Faculty
Randy S. Haluck	Synthes	Royalty	Inventor of a medical device which has been licensed to Synthes	Reviewer
Lisa Heard	GI Supply	Honoraria	Speaking/Teaching	Faculty
B. Todd Heniford	Davol	Honoraria	Speaking/Teaching	Faculty
	Ethicon	Honoraria	Speaking/Teaching	Faculty
	LifeCell	Honoraria	Speaking/Teaching	Faculty
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty
Daniel M. Herron	Covidien	Consulting Fee	Consultant	Faculty/Planning Committee/Review
	Intuitive Surgical	Support for travel to educational conference	Surgeon, learning use surgical robot	Faculty/Planning Committee/Review
	Lexington Medical	Ownership Interest	Consultant	Faculty/Planning Committee/Review
William W. Hope	Bard/Davol	Consulting Fee	Consultant	Faculty/Reviewer
	Ethicon	Research	Participate in Internation Hernia Mesh Registry	Faculty/Reviewer
	Gore	Consulting Fee	Consultant	Faculty/Reviewer
Santiago Horgan	Apollo	Stock	Stock Holder	Faculty/Planning Committee/Review
	Ethicon	No payment received	Speaking/Teaching	Faculty/Planning Committee/Review
	Fortimedix	Honoraria	Consultant	Faculty/Planning Committee/Review
	Gore	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Review
	Stryker	Consulting Fee	Speaking/Teaching	Faculty/Planning Committee/Review
	USGI	Stock	Stock Holder	Faculty/Planning Committee/Review
	Valentx	Stock	Stock Holder	Faculty/Planning Committee/Review
	Baxter	Honoraria	Speaking/Teaching	Faculty
Fric Steven Hungness				
Eric Steven Hungness John Hunter	Endogastric Solutions	Consulting Fee	Consultant	Faculty

Name	Commercial Interest	What was received	For what role	Meeting Responsibility
Matthew M. Hutter	Medtronic	Consulting Fee	Consultant agreement for 9/1 to 9/15/15 to present at a Bariatric surgery symposium in China	Faculty/Planning Committee/Reviewer
	Olympus	Consulting Fee	Consultant agreement to attend the Masters in MIS Symposium annually.	Faculty/Planning Committee/Reviewer
	PCORI	Grant Support	Principle Investigator for project to develop Patient Reported Outcome Metrics to be implemented nationally for Bariatric Surgery.	Faculty/Planning Committee/Reviewer
David A. lannitti	Covidien	Honoraria	Speaking/Teaching	Faculty
	Davol	Honoraria	Speaking/Teaching	Faculty
	Ethicon	Honoraria	Speaking/Teaching	Faculty
Romeo Castro Ignacio Jr.	Abbott Laboratories	Ownership Interest	Stock owner	Faculty
	AbbVie	Ownership Interest	Stock Owner	Faculty
Haruhiro Inoue	Olympus	Consulting Fee	Consultant	Faculty
Brian P. Jacob	AngelMD	Ownership Interest	Employment	Faculty/Planning Committee
	International hernia collaboration, inc	Ownership Interest	Board Member	Faculty/Planning Committee
	Intuitive	Consulting Fee	Consultant	Faculty/Planning Committee
	Medtronic	Honoraria	Consultant	Faculty/Planning Committee
Garth R. Jacobsen	Ethicon	Honoraria	Speaking/Teaching	Faculty/Reviewer
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
Daniel Bougere Jones	Allurion	Ownership Interest	Consultant	Faculty/Planning Committee/Reviewer
	Cine-Med	Royalty	Book royalties	Faculty/Planning Committee/Reviewer
	Wolters	Royalty	Book royalty	Faculty/Planning Committee/Reviewer
Sergey V. Kantsevoy	Apollo Endosurgery Inc, Austin, TX	Ownership Interest	Co-founder and share holder	Faculty
	Boston Scientific Corporation, Natick, MA, USA	Consulting Fee	Speaking/Teaching	Faculty
	Olympus, Tokyo, Japan	Consulting Fee	Speaking/Teaching	Faculty
Andrew S. Kastenmeier	Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
Leena Khaitan	Conmed	Consulting Fee	Consultant	Faculty/Planning Committee
	Torax Medical	Research	Advisory Committee	Faculty/Planning Committee
Keith Chae Kim	Ethicon	Consulting Fee	Consultant	Faculty
	Gore	Consulting Fee	Consultant	Faculty
	Intuitive	Honoraria	Speaking/Teaching	Faculty
Michael L. Kochman	BSC	Consulting Fee	Consultant	Faculty
	Cook	Consulting Fee	Consultant	Faculty
	Dark Canyon LAbs	Consulting Fee	Consultant	Faculty
	Merck	Spouse with stock options	Spouse	Faculty
James R. Korndorffer	Carefusion	Research	Primary Investigator	Faculty
	Carefusion	Honoraria	Speaking/Teaching	Faculty
Shanu N. Kothari	Torax	Honoraria	Speaking/Teaching	Reviewer
Matthew D. Kroh	Cook	Consulting Fee	Consultant	Faculty/Reviewer
	Covidien	Consulting Fee	Consultant	Faculty/Reviewer
	Levita	Consulting Fee	Consultant	Faculty/Reviewer
	Teleflex	Consulting Fee	Consultant	Faculty/Reviewer
Omar Yusef Kudsi	Covidien	Consulting Fee	Speaking/Teaching	Faculty
	Intuitive	Consulting Fee	Speaking/Teaching	Faculty
Sachin Suresh Kukreja	enteromedics	Consulting Fee	Consultant	Planning Committee/Reviewer
Marina Kurian	Apollo	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
	Gore	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
Melissa Phillips Lapinska	Cook Medical	Consulting Fee	Consultant	Faculty/Reviewer
	LifeCell, Inc.	Consulting Fee	Consultant	Faculty/Reviewer
David B Lautz	GI Windows	Stock options	Consultant	Presenter
Thomas Lavin	Ethicon	Research	Independent Contractor	Faculty
	Reshape Medical	Consulting Fee	Speaking/Teaching	Faculty
	USGI	Research	Independent Contractor	Faculty

Name	Commercial Interest	What was received	For what role	Meeting Responsibility
Karl A. Leblanc	CR Bard/Davol	Honoraria	Speaking/Teaching	Faculty
	Intuitive Surgical	Honoraria	Speaking/Teaching	Faculty
	ViaSurgical	Ownership Interest	Investor	Faculty
	W.L. Gore	Consulting Fee	Consulting fee	Faculty
John G. Linn	Bard Davol	Research	Research support	Reviewer
	Medtronic	Consulting Fee	Consultant	Reviewer
	Medtronic	Research	Research support	Reviewer
	Medtronic	Honoraria	Speaking/Teaching	Reviewer
	W.L. Gore and Associates	Honoraria	Speaking/Teaching	Reviewer
Gregory J. Mancini	BARD/ DAVOL	Consulting Fee	Consultant	Faculty/Reviewer
ereger) stinanenn	Covidien	Consulting Fee	Consultant	Faculty/Reviewer
	Intuitive Surgical	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
	LifeCell	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
Peter W. Marcello	Applied Medical	Honoraria	Consultant	Faculty
reter w. Marceno	Covidien		Consultant	
		Honoraria		Faculty
	Medtronic	Honoraria	Consultant	Faculty
1. C	Olympus	Honoraria	Consultant	Faculty
Jeffrey M. Marks	apollo endosurgery	Consulting Fee	Advisory Committee	Faculty/Planning Committee/Reviewe
	boston scientific	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
	GI Supply	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
	Gore	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
	Merck	Consulting Fee	Advisory Committee	Faculty/Planning Committee/Reviewe
	Olympus	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
John H. Marks	Covidien	Consulting Fee	Speaking/Teaching	Faculty
	Intuitive	Consulting Fee	Consultant	Faculty
	Storz	Consulting Fee	Consultant	Faculty
Robert Martindale	LifeCell and Davol	Consulting Fee	Consultant	Faculty
	LifeCell and Davol/Bard	Consulting Fee	Consultant	Faculty
Jose M. Martinez	Boston Scientific	Honoraria	Speaking/Teaching	Faculty
	Covidien	Honoraria	Speaking/Teaching	Faculty
	Karl Storz	Honoraria	Speaking/Teaching	Faculty
	LifeCell	Honoraria	Speaking/Teaching	Faculty
Brent D. Matthews	W.L. Gore	Research Grant	Co-investigator for multi-site prospective, longitudinal clinical trial	Faculty/Planning Committee/Reviewe
	WL Gore	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewe
Elisabeth C. McLemore	Novadaq	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewe
Ozanan Ricardo de	Covidien	Consulting Fee	Consultant	Faculty/Reviewer
Oliveira Meireles	Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Olympus	Consulting Fee	Consultant	Faculty/Reviewer
W. Scott Melvin	Stryker Endoscopy	Consulting Fee	Consultant	Faculty/Planning Committee
Dean J. Mikami	Care Fusion	Consulting Fee	Consultant	Faculty/Reviewer
	Medtronic	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
Daniela Molena	Novadag Inc	Honoraria	Speaking/Teaching	Faculty
John M. Morton	Apollo	Honoraria	Consultant	Faculty
	Covidien	Consulting Fee	Consultant	Faculty
	Olympus	Honoraria	Speaking/Teaching	Faculty
	Reshape	Honoraria	Consultant	Faculty
	Takeda	Honoraria	Speaking/Teaching	Faculty
Malcolm C. Munro	1			
Malcolm G. Munro	Aegea Medical	Consulting Fee	Consultant	Faculty
	Bayer Women's Health	Consulting Fee	Consultant	Faculty
	Boston Scientific	Consulting Fee	Consultant	Faculty
	Channel Medical	Consulting Fee	Consultant	Faculty
	Gynesonics Inc	Consulting Fee	Consultant	Faculty
	Karl Storz Endoscopy Americas	Consulting Fee	Consultant	Faculty
Kenric M. Murayama	W.L. Gore	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
Leslie K. Nathanson	Storz	IP Rights	Consultant	Faculty
	Wilson Cook	Royalty	Consultant	Faculty

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Samura PaniaKenorationSpaning/TouchingTouly/PhieneeYam NewtokyGooger SurgicalGranulting FeeGenalutintFacultyBranulEndogatari, StatuliumGenaluting FeeConsultantReviewBranul K, BehchalliumEndogatari, StatuliumGenalutintReviewReviewTous MadicalRestarchPrifocal InteringtotonReviewerWabio CallEndogatari, StatuliumGenaluting FeeConsultantReviewerWabio CallRestarchPrifocal InteringtotonReviewerWabio CallGooger CallSpasking/RachingReviewerAllan C. OttaineGooger CallBronatalSpasking/RachingReviewerAllan C. OttaineGooger CallBronatalSpasking/RachingReviewerCall ChallActelyOwnerhip InterestBoard MerberReviewerOnird W OverlyIeleflexBronatalRestarchReviewerDavid W OverlyIeleflexRestarchConsultantReviewerDavid W OverlyIeleflexRestarch GranutPalotypeEmining Committee/ReviewerCall ChallActelyRestarch GranutIeleflexReviewerDavid W OverlyIeleflexRestarch GranutIeleflexReviewerCall ChallRestarch GranutReviewerReviewerReviewerCall ChallRestarch GranutReviewerReviewerReviewerDavid W OverlyIeleflexRestarch GranutReviewerReviewerCall Chall ChallRe					· ·
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Gore         Educational grant and consulting fee         Grant holder and consultant         Faculty           Intuitive Surgical         Consulting Fee         Speaking/Teaching         Faculty           Mederi         Consulting Fee         Speaking/Teaching         Faculty           Novadaq         Consulting Fee         Advisory Committee         Faculty           Benjamin K. Poulose         Bard-Davol         Research         Co-principal investigator         Faculty           Ajita Prabhu         Bard         Honoraria         Speaking/Teaching         Faculty           Covidien         Consulting Fee         Consultant         Faculty	Bund B. Fortenier				
Intuitive Surgical         Consulting Fee         Speaking/Teaching         Faculty           Mederi         Consulting Fee         Speaking/Teaching         Faculty           Novadaq         Consulting Fee         Advisory Committee         Faculty           Benjamin K. Poulose         Bard-Davol         Research         Co-principal investigator         Faculty           Ajita Prabhu         Bard         Consulting Fee         Speaking/Teaching         Faculty           Covidien         Consulting Fee         Consultant         Faculty			Educational grant and		
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Benjamin K. Poulose         Bard-Davol         Research         Co-principal investigator         Faculty           Ajita Prabhu         Bard         Honoraria         Speaking/Teaching         Faculty           Covidien         Consulting Fee         Consultant         Faculty		Novadaq	, , , , , , , , , , , , , , , , , , ,		
Ajita Prabhu         Bard         Honoraria         Speaking/Teaching         Faculty           Covidien         Consulting Fee         Consultant         Faculty	Benjamin K. Poulose		, , , , , , , , , , , , , , , , , , ,		
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Intuitive Honoraria Speaking/Teaching Faculty		Covidien	Consulting Fee		
		Intuitive	Honoraria	Speaking/Teaching	Faculty

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Name	<b>Commercial Interest</b>	What was received	For what role	Meeting Responsibility
Aurora Dawn Pryor	Freehold Medical	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
	Gore	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewer
	Intuitive Surgical	Honoraria	Consultant	Faculty/Planning Committee/Reviewer
	TransEnterix	Ownership Interest	Consultant	Faculty/Planning Committee/Reviewer
Bruce J. Ramshaw	BG Medical	Honoraria	Speaking/Teaching	Faculty
	Covidien	Consulting Fee	Advisory Committee	Faculty
	Ethicon	Consulting Fee	Advisory Committee	Faculty
	Pacira	Consulting Fee	Advisory Committee	Faculty
	SurgiQuest	Consulting Fee	Advisory Committee	Faculty
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty
David W. Rattner	Olympus	Consulting Fee	Review Panel	Faculty
Arthur Lee Rawlings	Ethicon	Unrestricted Educational Grant	Pl of unrestricted educational grant for residency program	Reviewer
Kevin M. Reavis	Boston Scientific	Consulting Fee	Consultant	Faculty
	Endogastric Solutions	Consulting Fee	Consultant	Faculty
	Ethicon	Honoraria	Advisory Committee	Faculty
	Stryker	Consulting Fee	Consultant	Faculty
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty
Rishindra Reddy	Covidien/Medtronic	Honoraria	Speaking/Teaching	Faculty
	Intuitive	Consulting Fee	Consultant	Faculty
	Novadaq	Travel support to learn about research collaborations	Potential research collaborator	Faculty
Kurt E. Roberts	Novatract	IP Rights	Co-founder	Faculty
Thomas N. Robinson	Karl Storz Endoscopy	Educational Research Support	Principal Investigator	Faculty/Planning Committee/Reviewe
	Karl Storz Endoscopy	Research	Principal Investigator	Faculty/Planning Committee/Reviewe
Ann M. Rogers	Apollo Endosurgery	Consulting Fee	Consultant	Faculty
James C. Rosser Jr	Karl Storz	Research	Advisory Committee	Faculty
	stealth learning company	Ownership Interest	Employment	Faculty
	Stealth Learning Company	Ownership Interest	Management Position	Faculty
	Stryker	Research	Advisory Committee	Faculty
	Stryker	Research	Advisory Committee	Faculty
John Scott Roth	CR Bard	Research	Investigator	Faculty
	CR Bard	Honoraria	Speaking/Teaching	Faculty
	LifeCell	Honoraria	Consultant	Faculty
	Miromatrix	Honoraria	Consultant	Faculty
	MTF	Research	Investigator	Faculty
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty
Steven S. Rothenberg	Justright Surgical	Ownership Interest	Medical Director	Faculty
	Storz Endoscopy	Consulting Fee	Consultant	Faculty
Richard Rothstein	Allurion	Unpaid	Position on Scientific Advisory Committee for obesity balloon device	Faculty
	BaroNova	Research	Principal Investigator in obesity trial	Faculty
	Barrx/Medtronic	Research	Research support for pilot project using RFA for post- gastric bypass weight loss treatment	Faculty
	Millenium/Takeda	Payment	Data and Safety Monitoring Committee member for IBD agent	Faculty
Barry A. Salky	Gordian Surgical	Ownership Interest	Advisory Committee	Faculty
Bryan J. Sandler	Bard-Davol, Inc.	Honoraria	Speaking/Teaching	Faculty/Reviewer
	ValenTx, Inc.	Consulting Fee	Consultant	Faculty/Reviewer
	W.L. Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
Richard M. Satava	Covidien	Honoraria	Consultant	Reviewer
	InTouch Technologies, Inc	Ownership Interest	Stockholder	Reviewer
	Intuitive Surgical Inc	Unrestricted Educational Grant	Principal Investigator	Reviewer

Name	Commercial Interest	What was received	For what role	Meeting Responsibility
Philip R. Schauer	Covidien	Research Grant	Principal Investigator	Faculty
	Ethicon	Consulting Fee	Consultant	Faculty
	Ethicon	Research Grant	Principal Investigator	Faculty
	Pacira	Research Grant	Principal Investigator	Faculty
	SE Quality Healthcare Consulting LLC	Ownership Interest	Board Member	Faculty
	SurgiQuest	Ownership Interest	Advisory Committee	Faculty
Bruce D. Schirmer	Allurion Inc	Consulting Fee	Advisory Committee	Faculty
	Allurion Inc	Advisory Board	Consultant	Faculty
Christopher M.	Ethicon EndoSurgery	Consulting Fee	Advisory Committee	Faculty/Planning Committee
Schlachta	Stryker Canada	Support for education programs	Educator	Faculty/Planning Committee
Steven D. Schwaitzberg	Acuity Bio	Ownership Interest	Advisory Committee	Faculty/Planning Committee
	Cambridge Endo	Ownership Interest	Advisory Committee	Faculty/Planning Committee
	Endocore	Consulting Fee	Independent Contractor	Faculty/Planning Committee
	Human Extensions	Honoraria	Consultant	Faculty/Planning Committee
	Levitra	Ownership Interest	Advisory Committee	Faculty/Planning Committee
	Neatstitch	Ownership Interest	Advisory Committee	Faculty/Planning Committee
	Olympus	Consulting Fee	Consultant	Faculty/Planning Committee
	Stryker	Consulting Fee	Consultant	Faculty/Planning Committee
	SurgiQuest	Ownership Interest	Advisory Committee	Faculty/Planning Committee
Daniel J. Scott	Accelerrated Technologies, Inc.	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewer
	Covidien	Lab Equipment	Sponsored research, advisory panel, teaching	Faculty/Planning Committee/Reviewer
	Ethicon	Lab Equipment	sponsored research	Faculty/Planning Committee/Reviewer
	Intuitive	Lab Equipment	Sponsored research	Faculty/Planning Committee/Reviewer
	Karl Storz Endoscopy	Lab Equipment Support	sponsored research	Faculty/Planning Committee/Reviewer
	Magnetically Anchored Instruments	IP Rights	Co-inventor	Faculty/Planning Committee/Reviewer
Don J. Selzer	Cook Biotech, Inc.	Consulting Fee	Advisory Committee	Planning Committee/Reviewer
Anthony J. Senagore	Covidien	Honoraria	Speaking/Teaching	Faculty
	Ethicon EndoSurgery	Honoraria	Speaking/Teaching	Faculty
	Mederi Therapeutics	Salary	Management Position	Faculty
	Merck Pharmaceuticals	Honoraria	Advisory Committee	Faculty
Phillip P. Shadduck	Teleflex Medical	Consulting Fee	Consultant	Planning Committee
	TransEnterix	Consulting Fee	Consultant	Planning Committee
Paresh C. Shah	endoevolution	Consulting Fee	Consultant	Planning Committee/Reviewer
	Olympus	Consulting Fee	Consultant	Planning Committee/Reviewer
	Stryker	Consulting Fee	Consultant	Planning Committee/Reviewer
	Zmicro	Consulting Fee	Consultant	Planning Committee/Reviewer
Reem Sharaiha	Apollo	Consulting Fee	Speaking/Teaching	Faculty
Danny A. Sherwinter	Covidien	Consulting Fee	Consultant	Reviewer
	Navidea	Research	Speaking/Teaching	Reviewer
	Novadaq	IP Rights	Speaking/Teaching	Reviewer
Donna Singer	Donna Singer Consulting, LLC	Ownership Interest	I am the principal of this coaching and consulting company. I am the only employee and I coach physicians and other health care professionals.	Faculty
Douglas S. Smink	Bard/Davol	Consulting Fee	Consultant	Faculty
C. Daniel Smith	Torax Medical	Research	Consultant	Planning Committee/Reviewer
	Torax Medical	Consulting Fee	Speaking/Teaching	Planning Committee/Reviewer
	ValenTx	Consulting Fee	Consultant	Planning Committee/Reviewer
Nathaniel J. Soper	FlexDex	Ownership Interest	Advisory Committee	Faculty
	MD Insider	Ownership Interest	Advisory Committee	Faculty
	Miret Surgical, Inc.	Stock options	Advisory Committee	Faculty
Michael R. St Jean	Intuitive Surgical Inc	Consulting Fee	Consultant	Faculty
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Dimitrios Stefanidis	Bard	Honoraria	Speaking/Teaching	Faculty/Reviewer

Name	Commercial Interest	What was received	For what role	Meeting Responsibility
Shelby Sullivan	AspireBariatrics	Research	Site Primary Investigator	Faculty
	Baronova	Research	Site Principle Investigator	Faculty
	Elira Therapeutics	Consulting Fee	Consultant	Faculty
	GI Dynamics	Research	Site Primary Investigator	Faculty
	Obalon	Consulting Fee	Consultant	Faculty
	Obalon	Research	Site Primary investigator	Faculty
	Takeda	Consulting Fee	Advisory Committee	Faculty
	USGI Medical	Consulting Fee	Consultant	Faculty
	USGI Medical	Research	Site Pl	Faculty
Lee L. Swanstrom	Apollo	Consulting Fee	Advisory Committee	Faculty/Planning Committee
	Aponos	stock options	Advisory Committee	Faculty/Planning Committee
	Boston Scientific	Consulting Fee	Consultant	Faculty/Planning Committee
	Cardica	stock options	Review Panel	Faculty/Planning Committee
	Olympus	Consulting Fee	Consultant	Faculty/Planning Committee
	Titan	Consulting Fee	Advisory Committee	Faculty/Planning Committee
	USGI	IP Rights	Consultant	Faculty/Planning Committee
	Wolf	IP Rights	Consultant	Faculty/Planning Committee
Mark A. Talamini	Leading Bioscience	Ownership Interest	Board Member	Faculty/Planning Committee
Ali Tavakkoli	Boston Biomedical Associates	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
	Medtronic	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
Dana Alexa Telem	Cook	Research	Research funding for hiatal hernia study	Faculty/Reviewer
	Ethicon	Consulting Fee	Consultant	Faculty/Reviewer
	Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
Christopher C	Apollo Endosurgery	Consulting Fee	Consultant	Faculty
Thompson	Apollo Endosurgery	Research	PI	Faculty
	Aspire Bariatrics	Research	PI	Faculty
	Boston Scientific	Consulting Fee	Consultant	Faculty
	Covidien	Consulting Fee	Consultant	Faculty
	Fractyl	Consulting Fee	Advisory Committee	Faculty
	GI Windows	Ownership Interest	Board Member	Faculty
	Olympus	Consulting Fee	Consultant	Faculty
	USGI Medical	Consulting Fee	Consultant	Faculty
	USGI Medical	Research	Pl	Faculty
Karim S Trad	EndoGastric Solutions	Honoraria	Speaking/Teaching	Presenter
Thadeus L. Trus	Olympus	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe
Shawn T. Tsuda	Acelity	Honoraria	Speaking/Teaching	Faculty/Reviewer
inawir i. isuda	Intuitive	Honoraria	Speaking/Teaching	Faculty/Reviewer
Kiran Kalyan Turaga	1		Speaking/Teaching	Planning Committee
Michael B. Ujiki	Caris	Honoraria	1	Faculty/Reviewer
VIICHAELD. UJIKI	Apollo Endo Covidien		Speaking/Teaching	Faculty/Reviewer
	Gore	Honoraria Honoraria	Speaking/Teaching	Faculty/Reviewer
		Consulting Fee	Speaking/Teaching Consultant	· · ·
	Olympus			Faculty/Reviewer
Melina C. Vassiliou	Covidien	Educational grant and unrestricted support of research lab	researcher - industry support has no bearing on the nature, content or conduct of the research	Faculty/Planning Committee
	Covidien	Unrestricted support for research lab	Supervise students and residents conducting research	Faculty/Planning Committee
Eric Terril Volckmann	Obalon	Research	Investigator	Faculty
Jeremy A Warren	Intuitive Surgical	Honoraria	Speaking/Teaching	Presenter
	Maguet Surgical	Honoraria	Speaking/Teaching	Presenter

Name	<b>Commercial Interest</b>	What was received	For what role	<b>Meeting Responsibility</b>
Eric Glenn Weiss	Baxter	Consulting Fee	Advisory Committee	Reviewer
	Bovie	Honoraria	Advisory Committee	Reviewer
	Olympus	Consulting Fee	Consultant	Reviewer
	Stimatix	Ownership Interest	Board Member	Reviewer
Steven D. Wexner	ALESSI	Consulting Fee	Consultant	Faculty
	Asana Medical	Ownership Interest	Consultant	Faculty
	AXONICS	Consulting Fee	Consultant	Faculty
	Brace Pharmaceuticals	Consulting Fee	Consultant	Faculty
	Covidien	IP Rights	inventor	Faculty
	CRH Medical	IP Rights	stock options	Faculty
	Incontinence Devices inc	Consulting Fee	Consultant	Faculty
	Intuitive Surgical	Ownership Interest	Consultant	Faculty
	Karl Storz Endoscopy	Royalty	inventor	Faculty
	Karl Storz Endoscopy Americas	Consulting Fee	Consultant	Faculty
	Karl Storz Endoscopy Americas	IP Rights	inventor	Faculty
	KCI	Consulting Fee	Consultant	Faculty
	Lifebond	Consulting Fee & Ownership Interest	Consultant	Faculty
	Mediri	Consulting Fee	Consultant	Faculty
	Medtronics	Consulting Fee	Consultant	Faculty
	Renew Medical	Ownership Interest	Consultant	Faculty
	Unique Surgical Innovations	Ownership Interest	Management Position	Faculty
Natan Zundel	Apollo Endosurgery	Honoraria	Advisory Committee	Faculty/Planning Committee/Reviewe
	CineMed	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewe
	Covidien	Honoraria	Speaking/Teaching	Faculty/Planning Committee/Reviewe
	Ethicon EndoSurgery	Honoraria	Consultant	Faculty/Planning Committee/Reviewe
	Olympus	Consulting Fee	Consultant	Faculty/Planning Committee/Reviewe

#### **SAGES Social Programs**



#### SAGES Gala Dinner and Sing-Off at the Royale Boston

Date:	Friday, March 18, 2016
Place:	Royale Boston
Time:	7:30 - 11:00 PM
Dress:	Fun-Casual, wear dancing shoes
Fee:	Included in Registration for SAGES Super Pass (Option A), & registered guests.
Tickets:	\$125.00 (for additional guests and SAGES Registration Options B & C)

#### **Shuttle Service will be provided**

The evening will conclude with the 19<sup>th</sup> International Sing-Off!

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Located at 279 Tremont Street in the historic theater district and the epicenter of downtown Boston, Royale is the ultimate event destination. Built in 1918 this former opera hall is spacious multilevel megaclub that draws trendy crowds for DJs, dancing & livemusic shows. Join us for an unforgettable evening.

#### Welcome Reception – in the Exhibit Hall!

Date:	Wednesday, March 16, 2016
Time:	5:45 - 7:30 PM
Place:	Exhibit Hall C
Fee:	No Fee for Registrants & registered guests
Dress:	Business casual

#### Special promotions, presentations and entertainment. Great food!

Note: Children under the age of 14 will not be permitted in the Exhibit Hall due to safety considerations.

#### SAGES Guest/Spouse Breakfast -In Memory of Barbara Marks

Date:	Thursday, March 17, 2016
Time:	9:00 - 11:00 AM
Place:	Hynes Convention Center, Room 306
Cost:	Included with Spouse/Guest Registration
(Ticketed event – Ticket included in guest registration)	

At SAGES founding, Barbara Marks, Kay Forde and other spouses were part of the backbone of the Society. We bring together our guests who include SAGES family members, both old and new, to encourage them to become part of the SAGES family. This is a great way to get involved.

#### SAGES Meet the Leadership Reception for New SAGES Members Residents and Fellows

Date:	Friday, March 18, 2016
Time:	6:00 - 7:00 PM
Place:	Hynes Convention Center, Room 210

SAGES is a family that values its new members AND new surgeons. Residents, fellows and new members: join us to chat, drink & snack with SAGES leaders many of whom are world acclaimed innovators in MIS surgery. The consummate networking opportunity.

#### Posters of Distinction

#### **Location: Exhibit Hall A**

#### **Hours of Operation:**

Join us extra early for Breakfast with Posters, now starting at 6:30am!

Thursday, March 17, 2016: 6:30 AM - 4:00 PM Friday, March 18, 2016: 6:30 AM - 4:00 PM

#### P001 - P009 listed in SS29 on page 101

- P010 WARM AND HUMIDIFIED VS COLD AND DRY CO2 PNEUMOPERITONEUM IN MINIMALLY INVASIVE COLON RESECTION: A RANDOMIZED CONTROLLED TRIAL Elie Sutton, MD<sup>1</sup>, Geoffrey Bellini, MD<sup>2</sup>, Hmc Shantha Kumara, PhD<sup>2</sup>, Xiaohong Yan, PhD<sup>2</sup>, Linda Njoh<sup>2</sup>, Vesna Cekic, RN<sup>2</sup>, Richard L Whelan, MD<sup>2</sup>; <sup>1</sup>Mount Sinai Roosevelt Hospital, Department of Surgery, New York, NY, USA; Maimonides Medical Center Department of Surgery, Brooklyn, NY, USA, <sup>2</sup>Mount Sinai Roosevelt Hospital, Department of Surgery, New York, NY USA
- **P011 MULTI-CENTER ANALYSIS OF OPERATIVE SAFETY OF SURGERY** IN PATIENTS WITH AMYOTROPHIC LATERAL SCLEROSIS: THE DIAPHRAGM PACING EXPERIENCE Raymond Onders, MD<sup>1</sup>, Arthur Carlin<sup>2</sup>, Brian Dunkin<sup>3</sup>, Gregg Jossart<sup>4</sup>, Michael Marohn<sup>5</sup>, Fabrice Menegaux<sup>6</sup>, John Morton<sup>7</sup>, C Daniel Smith<sup>8</sup>; <sup>1</sup>University Hospitals Case Medical Center, <sup>2</sup>Henry Ford health System, <sup>3</sup>Methodist Hospital, <sup>4</sup>California Pacific Medical Center, <sup>5</sup>John Hopkins, <sup>6</sup>Pitie Hospital, <sup>7</sup>Stanford School of Medicine, <sup>8</sup>Mayo Clinic
- P012 ACCURACY OF PREOPERATIVE TUMOR LOCALIZATION IN LARGE BOWEL USING 3D MAGNETIC ENDOSCOPIC IMAGING Miroslaw K Szura, PhD, Artur Pasternak, PhD, Rafal Solecki, PhD, Andrzej Matyja, PhD; Jagiellonian University
- P013 A MULTICENTRE RETROSPECTIVE COHORT STUDY OF PATIENTS WITH GASTROINTESTINAL STROMAL TUMOR IN SHANDONG PROVINCE Yanbing Zhou, Liang Ning, Shougen Cao; Affiliated Hospital of Qingdao University
- P014 PER-ORAL ENDOSCOPIC MYOTOMY IS LESS PAINFUL THAN LAPAROSCOPIC HELLER MYOTOMY AND PERMITS EARLIER HOSPITAL DISCHARGE Salvatore Docimo, Jr., DO, Abraham Mathew, Alexander J Shope, Joshua S Winder, Randy S Haluck, Eric M Pauli; Penn State Hershey Medical Center
- P015 LAPAROSCOPIC TRANSVERSUS ABDOMINUS MUSCLE RELEASE WITH PRE-PERITONEAL ACCESS (L-TAR); AN IMPROVED METHOD FOR ACCESS AND PERFORMANCE OF MINIMALLY INVASIVE TAR Danny A Sherwinter, Director, Minimally, Invasive, Surgery; Maimonides Medical Center
- P016 IS PREOPERATIVE WITHDRAWAL OF ASPIRIN NECESSARY IN PATIENTS UNDERGOING INGUINAL HERNIA REPAIR? Wee Boon Tan<sup>1</sup>, Wilson Ong<sup>2</sup>, Shen Tong<sup>2</sup>, Eva Lourdes<sup>1</sup>, Sujith Wijerathne<sup>1</sup>, Davide Lomanto, Prof<sup>1</sup>; <sup>1</sup>Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore, <sup>2</sup>Yong Loo Lin School of Medicine, National University of Singapore
- P017 THE HIDDEN COSTS OF SURGERY: PERIOPERATIVE EMERGENCY DEPARTMENT BURDEN AFTER GENERAL SURGERY Dana Telem, MD, Aurora Pryor, MD, Jie Yang, PhD, Andrew Bates, Ziqi Mheng, Mark Talamini; Stony Brook Medical Center
- P018 A DECADE OF LAPAROSCOPIC SURGERY TRAINING IN TANZANIA Duncan Light<sup>2</sup>, Ayesiga Herman<sup>1</sup>, Salum Kondo<sup>1</sup>, Liam Horgan<sup>2</sup>; <sup>2</sup>Northumbria NHS Trust, <sup>1</sup>Kilimanjaro Christian Medical Centre
- P019 THE UTILITY OF ACTIVE ELECTRODE MONITORING SYSTEMS FOR DETECTING INSULATION FAILURES IN LAPAROSCOPIC INSTRUMENTS Yusuke Watanabe, MD<sup>1</sup>, Amin Madani, MD<sup>2</sup>, Yo Kurashima, MD, PhD<sup>1</sup>, Mikiya Takeuchi, MD, PhD<sup>3</sup>, Toshiaki Shichinohe, MD, PhD<sup>1</sup>, Satoshi Hirano, MD, PhD<sup>1</sup>; <sup>1</sup>Department of Gastroenterological Surgery II, Hokkaido University Graduate School of Medicine, <sup>2</sup>Department of Surgery, McGill University Health Centre, <sup>3</sup>Department of Gastroenterological Surgery, Sapporo Kyoritsu Gorinbashi Hospital
- P020 DIFFERENCES IN COMPLICATION RATES BETWEEN ROUX-EN-Y GASTRIC BYPASS AND SLEEVE GASTRECTOMY Zachary Weitzner, Richard Perugini, MD, John Kelly, MD, Donald Czerniach, MD, Philip Cohen, MD; University of Massachusetts Medical School

P021 COMPARISON OF CLINICAL OUTCOMES AND QUALITY OF LIFE **BETWEEN LAPAROSCOPIC AND OPEN CENTRAL PANCREATECTOMY** WITH PANCREATICOJEJUNOSTOMY Renchao Zhang<sup>1</sup>, Xiaowu Xu<sup>1</sup>,

Yiping Mou<sup>1</sup>, YuCheng Zhou<sup>1</sup>, Jiayu Zhou<sup>2</sup>; <sup>1</sup>Department of General Surgery, Zhejiang provincial people's Hospital, <sup>2</sup>School of Medicine, **Zhejiang University** 

- P022 ASSESSMENT OF THE QUALITY OF COLONOSCOPY DICTATION REPORTS C Marcoux, D Pace, M Borgaonkar, M Lougheed, B Evans, D Boone, J McGrath; Memorial University
- P023 PERCUTANEOUS CHOLECYSTOTOMY WITH AND WITHOUT INTERVAL CHOLECYSTECTOMY: THE USE OF NSQIP RISK **CALCULATOR IN STRATIFYING PATIENTS FOR INTERVENTION N** Nowak, DO, Pk Bamberger; Reading Hospital
- P024 LONGER NIL PER OS INTERVALS ARE CAUSAL IN EXTENDING HOSPITAL LENGTH OF STAY FOLLOWING LAPAROSCOPIC BARIATRIC SURGERY Vaughn E Nossaman, MD, MS, MS<sup>1</sup>, William S Richardson III, MD<sup>2</sup>, James B Wooldridge Jr., MD<sup>2</sup>, Bobby D Nossaman, MD<sup>2</sup>; <sup>1</sup>Nassau University Medical Center, <sup>2</sup>Ochsner Medical Center
- **P025 COULD AN ABDOMINAL DRAINAGE BE AVOIDED IN COMPLICATED ACUTE APPENDICITIS? LESSONS LEARNED AFTER 1300** LAPAROSCOPIC APPENDECTOMIES Francisco Schlottmann, Romina Reino, Martin Galvarini, Jose Alvarez Gallesio, Rudolf Buxhoeveden, Ezequiel Sadava, Nicolas Rotholtz; Hospital Aleman of Buenos Aires
- P026 CHOLECYSTECTOMY FOLOWING ENDOSCOPIC PAPILLOTOMY FOR CHOLEDOCHOLITHIASIS IN ELDERLY – IS IT NESSECARY? Alex Zendel, MD<sup>1</sup>, Eyal Mor, MD<sup>1</sup>, Inbal Sharon, MD<sup>1</sup>, Merav Sareli, MD<sup>1</sup>, David Goitein, MD<sup>1</sup>, Moshe Rubin, MD<sup>1</sup>, Roni Eshkenazi, MD<sup>2</sup>, Arie Arish, MD<sup>2</sup>, Aviram Nissan<sup>1</sup>, Dov Zippel, MD<sup>1</sup>; <sup>1</sup>General Surgery C, Sheba Medical Center, Israel, <sup>2</sup>Department of Hepatobiliary Surgery, Sheba Medical Center, Israel
- **P027 CURRENT PRACTICE PATTERNS IN VENTRAL HERNIA** MANAGEMENT: A SURVEY OF EXPERTS IN HERNIA SURGERY Julie L Holihan, MD<sup>1</sup>, Zeinab M Alawadi, MD, MS<sup>1</sup>, Juan R Flores-Gonzalez, MD<sup>1</sup>, Erik P Askenasy, MD<sup>2</sup>, Conrad Ballecer, MD<sup>3</sup>, Hui Sen Chong, MD<sup>4</sup>, Matthew I Goldblatt, MD<sup>5</sup>, Jacob A Greenberg, MD<sup>6</sup>, John A Harvin, MD<sup>1</sup>, Jerrod N Keith, MD<sup>4</sup>, Robert G Martindale, MD<sup>7</sup>, Sean Orenstein, MD<sup>7</sup>, Brvan Richmond, MD<sup>8</sup>, J. Scott Roth, MD<sup>9</sup>, Paul Szotek, MD<sup>10</sup>, Shirin Towfigh, MD<sup>11</sup>, Shawn Tsuda, MD<sup>12</sup>, Khashayar Vaziri, MD<sup>13</sup>, Mike K Liang, MD<sup>1</sup>; <sup>1</sup>University of Texas Health Science Center at Houston, <sup>2</sup>Baylor College of Medicine, <sup>3</sup>Center for Minimally Invasive and Robotic Surgery, <sup>4</sup>University of Iowa, <sup>5</sup>Medical College of Wisconsin, <sup>6</sup>University of Wisconsin, <sup>7</sup>Oregon Health and Science University, 8West Virginia University, 9University of Kentucky, <sup>10</sup>Indiana University Health, <sup>11</sup>Beverly Hills Hernia Center, <sup>12</sup>University of Nevada School of Medicine, <sup>13</sup>George Washington University
- P028 IMPACT OF ROBOTIC APPROACH IN COMPLEX RECTAL CANCER: A COMPARATIVE STUDY OF RECTAL MOBILIZATION TIME BY ROBOT VERSUS LAPAROSCOPY. Gyu-Seog Choi, Hye Jin Kim, Jun Seok Park, Soo Yeun Park, Hee Jae Lee; Kyungpook National University Medical Center, School of Medicine, Kyungpook National University, Daegu, Korea
- P029 SAGES GO GLOBAL INTERNATIONAL PROCTORING COURSE (IPC): ITS IMPACT IN 2 RURAL INSTITUTIONS IN ARGENTINA Alberto Raul Ferreres, MD, FACS, hon, PhD<sup>1</sup>, Rosana Trapani<sup>1</sup>, Julieta Camelione, MD<sup>1</sup>, Marcelo Fasano, MD<sup>1</sup>, Anibal Rondan, MD<sup>1</sup>, Pablo Miguel, MD<sup>1</sup>, Jacqueline Narvaez<sup>2</sup>, Ramon Berguer, MD<sup>2</sup>, Jeffrey Hazey, MD<sup>3</sup>; <sup>1</sup>University of Buenos Aires, <sup>2</sup>SAGES, <sup>3</sup>University of Ohio
- P030 ENDOSCOPIC MUCOSAL RESECTION VERSUS ESOPHAGECTOMY FOR INTRAMUCOSAL ADENOCARCINOMA IN THE SETTING OF BARRETT'S ESOPHAGUS Chao Li, Denise Tami Yamashita, Harry Henteleff, Drew Bethune, James Ellsmere; Dalhousie University P031 PURELY ENDOSCOPIC JEJUNO-ILEAL SIDE-TO-SIDE
- ANASTOMOSIS USING SELF-ASSEMBLING MAGNETS: PROCEDURAL DEVELOPMENT IN THE HUMAN CADAVERIC MODEL Marvin Ryou, <u>MD</u><sup>1</sup>, David B Lautz, MD<sup>2</sup>, Christopher C Thompson, MD, MHES<sup>1</sup>; <sup>1</sup>Brigham & Women's Hospital, <sup>2</sup>Emerson Hospital
- P032 PURE NOTES TOTAL MESORECTAL EXCISION (TME) FOR PATIENTS WITH RECTAL NEOPLASIA IS IT POSSIBLE TO GO ALL THE WAY UP FROM THE ANUS? Elie K Chouillard; Paris Poissy Medical Center
- P033 ROBOTIC WHIPPLE BIOTISSUE CURRICULUM IMPROVES TECHNICAL PERFORMANCE FOR FELLOWS AND HAS CONSTRUCT VALIDITY Melissa E Hogg, MD, MS<sup>1</sup>, Mazen Zenati<sup>1</sup>, Stephanie Novak<sup>1</sup>, Yong Chen<sup>2</sup>, Amer H Zureikat<sup>1</sup>, Herbert J Zeh III<sup>1</sup>; <sup>1</sup>UPMC, <sup>2</sup>Chinese Hospital

#### P034 THE PHYSIOLOGICAL ASSESSMENT TO BURDEN ON THE SURGEON IN LAPAROSCOPIC SURGERY USING THE 128 CHANNELS

**EEG** <u>Hisae Aoki, MD</u><sup>1</sup>, Toshiyuki Mori, MD, PhD<sup>2</sup>, Hiromasa Yamashita, PhD<sup>3</sup>, Toshio Chiba, MD, PhD<sup>3</sup>, Akio Mori, PhD<sup>4</sup>; <sup>1</sup>Department of Surgery, Sanraku Hospital, <sup>2</sup>Department of Surgery, Kyorin University, <sup>3</sup>University Research Center (URC), Nihon University, <sup>4</sup>College of Humanities and Sciences, Nihon University

P035 BIOMECHANICAL COMPARISON OF THE IMMEDIATE FIXATION STRENGTH OF NON-TRAUMATIC MESH FIXATION METHODS:

LIFEMESH<sup>™</sup>, TISSEEL<sup>™</sup>, AND PROGRIP<sup>™</sup> Charles P Shahan, MD<sup>1</sup>, Nathaniel Stoikes, MD<sup>1</sup>, Esra Roan, PhD<sup>2</sup>, James Tatum, BS<sup>2</sup>, David Webb, MD<sup>1</sup>, Guy R Voeller, MD<sup>1</sup>; <sup>1</sup>University of Tennessee Health Science Center, <sup>2</sup>University of Memphis

- P036 HIGH RESOLUTION MANOMETRY AN UNDERAPPRECIATED TOOL FOR EXAMINATION OF DYSPHAGIA IN A SURGICAL SETTING. Jonas S Jensen, MD, Jan M Krzak, MD, Lars Stig Jorgensen, MD; Lillebaelt Hospital, Kolding, Denmark
- **P037 COMPLIANCE OF THE ABDOMINAL WALL DURING LAPAROSCOPIC INSUFFLATION** Chuck Becker, MEM<sup>1</sup>, Margaret Plymale, MSN, RN<sup>2</sup>, John Wennergren, MD<sup>2</sup>, <u>Crystal Totten<sup>2</sup></u>, Kyle Stigall<sup>1</sup>, J Scott Roth, MD<sup>2</sup>; <sup>1</sup>University of Kentucky College of Medicine, <sup>2</sup>University of Kentucky Department of Surgery
- P038 MARKEDLY ELEVATED LEVELS OF VEGF, ANG-2, AND MMP-2 IN WOUND FLUID AFTER COLORECTAL RESECTION ARE LIKELY RESPONSIBLE FOR ELEVATED PLASMA LEVELS OF THESE PROTEINS DURING THE FIRST POSTOPERATIVE MONTH – PRELIMINARY RESULTS <u>Hmc Shantha Kumara, PhD</u><sup>1</sup>, Hiromichi Miyagaki, MdPhD<sup>2</sup>, Charles Petrick, BS<sup>1</sup>, Xiaohong Yan, PhD<sup>1</sup>, Linda Njoh, PhD<sup>1</sup>, Vesna Cekic, RN<sup>1</sup>, Nipa D Gandhi, MD<sup>1</sup>, Richard L Whelan, MD<sup>1</sup>; <sup>1</sup>Department of Surgery, Mount Sinai Roosvelt Hospital, New York, USA, <sup>2</sup>Department of Gastroenterological surgery,Osaka University,Osaka,Japan
- P039 GUT BACTERIAL TRANSLOCATION IS CORRELATED WITH STIMULATED TLR4 SIGNALING PATHWAYS IN A RAT MODEL OF ABDOMINAL COMPARTMENT SYNDROME Adam Strier, MD<sup>3</sup>, Ibrahim Matter, MD<sup>3</sup>, Izhak Srugo, MD<sup>3</sup>, Nir Bitterman, MD<sup>3</sup>, Gideon Sroka, MD<sup>3</sup>, Tatiana Dorfman, MD<sup>1</sup>, Yulia Pollak, MD<sup>2</sup>, Igor Sukhotnik, MD<sup>3</sup>; <sup>3</sup>Bnai Zion Medical Center, Haifa, ISRAEL, <sup>1</sup>Rambam Healthcare Campus, Haifa, ISRAEL, <sup>2</sup>Technion-Israel Institute of Technology, Haifa, Israel.
- P040 THE VALIDITY FOR THE LAPAROSCOPIC COLORECTAL SURGERY USING THE ABSORBABLE ADHESION BARRIER MADE OF OXIDIZED REGENERATED CELLULOSE Masanori Naito, MD, PhD, Masahiko Watanabe, MD, PhD, Ken Kojo, MD, Takahiro Yamanashi, MD, PhD, Naoto Ogura, MD, Hirohisa Miura, MD, Atsuko Tsutsui, MD, Takeo Sato, MD, PhD, Takatoshi Nakamura, MD, PhD; Kitasato University, Department of Surgery
- P041 SIMULTANEOUS LAPAROSCOPIC SURGERY FOR ADVANCED GASTRIC AND COLON CANCER <u>Hanae Matsumoto</u>, Takashi Mitsui, Michiya Bando, Yoshinori Oikawa, Noriyasu Tamura; Kawakita General Hospital
- P042 LONG TERM RESULTS OF LAPAROSCOPIC SURGERY FOLLOWING LONG COURSE CHEMORADIOTHERAPY FOR LOCALLY ADVANCED RECTAL CANCER Omer Jalil, Dr, Thanjakumar Arulampalam, Dr, Bruce Sizer, Dr, Darren Boone, Dr, Roger Motson, Professor; ICENI Centre
- P043 COMPARISON BETWEEN LAPAROSCOPIC SURGERY AND OPEN SURGERY FOR PATIENTS WITH LOCALLY ADVANCED COLON CANCER BY PROPENSITY SCORE MATCHING <u>Shoichi Fujii, PhD</u><sup>1</sup>, Takahiro Yagi<sup>1</sup>, Mitsuo Tsukamoto<sup>1</sup>, Yoshihisa Fukushima<sup>1</sup>, Takuya Akahane<sup>1</sup>, Ryu Shimada<sup>1</sup>, Keisuke Nakamura<sup>1</sup>, Tamuro Hayama<sup>1</sup>, Takeshi Tsuchiya<sup>1</sup>, Keijiro Nozawa<sup>1</sup>, Keiji Matsuda<sup>1</sup>, Hirokazu Suwa<sup>2</sup>, Atsushi Ishibe<sup>2</sup>, Jun Watanabe<sup>2</sup>, Mitsuyoshi Ota<sup>2</sup>, Yojiro Hashiguchi, Prof<sup>1</sup>; <sup>1</sup>Teikyo University, <sup>2</sup>Yokohama City University Medical Center
- P044 PROPHYLACTIC MESH FOR PREVENTION OF PARASTOMAL HERNIA: A META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS Sunil V Patel, MD, Msc<sup>1</sup>, Sami A Chadi, MD, MSc<sup>2</sup>, Steve D Wexner, MD<sup>2</sup>; <sup>1</sup>Kingston General Hospital, <sup>2</sup>Cleveland Clinic Florida

- P045 SHORT TERM OUTCOME OF THE LAPAROSCOPIC COLECTOMY FOR TRANSVERSE COLON CANCER IN A SINGLE INSTITUTION Ryuichi Sekine; Showa University Fujigaoka hospital
- P046 LAPAROSCOPIC LATERAL PELVIC LYMPH NODE DISSECTION FOR LOCALLY ADVANCED RECTAL CANCER Mitsuyoshi Ota, MD, PhD<sup>1</sup>, Jun Watanabe, MD, PhD<sup>2</sup>, Atsushi Ishibe, MD, PhD<sup>3</sup>, Hirokazu Suwa, MD<sup>1</sup>, Masashi Momiyama, MD, PhD<sup>3</sup>, Yasushi Ichikawa, MD, PhD<sup>4</sup>, Chikara Kunisaki, MD, PhD<sup>1</sup>, Itaru Endo<sup>3</sup>; <sup>1</sup>Gastroenterological Center, Yokohama City University Medical Center, <sup>2</sup>Surgery, Yokosuka Kyosai Hospital, <sup>3</sup>Department of Gastroenterological Surgery, Yokohama City University, <sup>4</sup>Department of Clinical Oncology, Yokohama City University
- P047 MINIMALLY INVASIVE COLORECTAL RESECTION (MICR) IS ASSOCIATED WITH ELEVATED PLASMA LEVELS OF MATRIX METALLOPROTEINASE 2 (MMP2) DURING THE FIRST MONTH AFTER SURGERY WHICH MAY PROMOTE TUMOR GROWTH AND METASTASIS Hmc Shantha Kumara, PhD<sup>1</sup>, Hiromichi Miyagaki, MDPhD<sup>2</sup>,

Charles Petrick, BS<sup>1</sup>, Xiaohong Yan, MDPhD<sup>1</sup>, Linda Njoh, PhD<sup>1</sup>, Vesna Cekic, RN<sup>1</sup>, Nipa D Gandhi, MD<sup>1</sup>, Richard L Whelan, MD<sup>1</sup>; <sup>1</sup>Department of Surgery, Mount Sinai Roosvelt Hospital, New York, USA, <sup>2</sup>Department of Gastroenterological surgery,Osaka University,Osaka,Japan,

- P048 USEFULNESS OF NEEDLE-GUIDED LAPAROSCOPIC ABDOMINOPERINEAL RESECTION FOR LOW RECTAL CANCER Takehito Yamamoto, Akiyoshi Kanazawa, Ryo Ohno, Hiroyuki Matsubara, Toru Goto, Takuya Okamoto, Yoichiro Uchida, Shugo Ueda, Akira Mori, Hiroaki Terajima; Kitano Hospital,The Tazuke Kofukai Medical Research Institute
- P049 LAPAROSCOPIC SIGMOIDECTOMY FOR COMPLICATED DIVERTICULAR DISEASE Asem Ghasoup, MD, FACS<sup>1</sup>, Turki Al Qurashi, MD<sup>1</sup>, Mohammed Widinly, MD<sup>1</sup>, Omar Sadieh, MD, FACS<sup>2</sup>; <sup>1</sup>Security Forces Hospital Makkah, <sup>2</sup>Saad Specialty Hospital
- P050 SINGLE INCISION PLUS ONE PORT LAPAROSCOPIC ANTERIOR RESECTION FOR RECTAL CANCER <u>Yasuhiro Ishiyama</u>, Yasumitu Hirano, Kenji Douden, Masakazu Hattori, Yasuo Hashidume; Fukui Prefectural Hospital
- P051 EVALUATION OF THE LYMPHATIC FLOW AT THE SPLENIC FLEXURE IN THE LAPAROSCOPIC COLON CANCER SURGERY Jun Watanabe<sup>1</sup>, Mitsuyoshi Ota<sup>2</sup>, <u>Yusuke Suwa</u><sup>1</sup>, Hirokazu Suwa<sup>2</sup>, Masashi Momiyama<sup>3</sup>, Atsushi Ishibe<sup>3</sup>, Kazuteru Watanabe<sup>4</sup>, HIdenobu Masui<sup>1</sup>, Kaoru Nagahori<sup>1</sup>; <sup>1</sup>Department of Surgery, Yokosuka Kyosai Hospital, <sup>2</sup>Department of Surgery, Gastroenterological Center, Yokohama City University, <sup>3</sup>Department of Gastroenterological Surgery, Yokohama City University Graduate School of Medicine, <sup>4</sup>Department of Surgery, NTT Medical Center
- P052 PERIOPERATIVE OUTCOMES IN LAPAROSCOPIC MULTIVISCERAL RESECTION OF PRIMARY COLORECTAL CANCER Kazuhiro Sakamoto, Shunsuke Motegi, Yurika Makino, Shingo Kawano, Kazuhiro Takehara, Shinya Munakata, Koichiro Niwa, Shun Ishiyama, Kiichi Sugimoto, Hirohiko Kamiyama, Makoto Takahashi, Hiromitsu Komiyama, Yutaka Kojima, Michitoshi Goto, Atsushi Okuzawa, Yuichi Tomiki; Department of Coloproctological Surgery, Juntendo University, Tokyo, Japan
- P053 LAPAROSCOPIC COLECTOMY WITH INTRACORPOREAL ANASTOMOSIS FOR EARLY-STAGED COLON CANCER <u>Fumihiko</u> <u>Fujita, MD</u>, Yusuke Inoue, MD, Masahiko Nakayama, MD, Hiroko Kinoe, MD, Yuka Mine, MD, Shinichiro Kobayashi, MD, Kengo Kanetaka, MD, Kosho Yamanouchi, MD, Kazuma Kobayashi, MD, Tamotsu Kuroki, MD, Susumu Eguchi, MD; Nagasaki University Graduate School of Biomedical Sciences
- P054 ALVIMOPAN IN THE SETTING OF COLORECTAL RESECTION WITH AN OSTOMY: TO USE OR NOT TO USE? Yuxiang Wen, BM, Murad A Jabir, MD, Michael Keating, BA, Alison R Althans, BA, <u>Justin T Brady,</u> <u>MD</u>, Bradley J Champagne, MD, Conor P Delaney, MD, MCh, PhD, Scott R Steele, MD; University Hospitals Case Medical Center/Case Western Reserve University

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P055 SELECTIVE LATERAL PELVIC LYMPH NODE DISSECTION: COMPARATIVE STUDY OF ROBOT VERSUS LAPAROSCOPIC APPROACH Hye Jin Kim, Gyu-Seog Choi, Jun Seok Park, Soo Yeun Park,

Hee Jae Lee; Kyungpook National University Medical Center, School of Medicine, Kyungpook National University, Daegu, Korea

- P056 COMPARISON BETWEEN YOUNGER, MIDDLE AND ELDERLY PATIENTS IN LAPAROSCOPIC SURGERY FOR COLON CANCER Emiko Takeshita, MD, <u>Yoshihisa Saida, MD</u>, Toshiyuki Enomoto, Kazuhiro Takabayashi, Sayaka Nagao, Yoichi Nakamura, MD, Ryohei Watanabe, MD, Yasushi Nagaoka, MD, Natsuya Katada, MD, Manabu Watanabe, MD, Koji Asai, MD, Shinya Kusachi, MD; Department of Surgery, Toho University Ohashi Medical Center
- P057 WHEN YOU GOTTA GO: A HIGH RESOLUTION ANAL MANOMETRY STUDY EVALUATING THE URGE TO DEFECATE IN PATIENTS WITH MIXED FECAL INCONTINENCE AND OBSTRUCTED DEFECATION Elyse LeeVan, MD<sup>1</sup>, Aaron Lewis, MD<sup>2</sup>, Alex Huang<sup>1</sup>, Gabriel Akopian, MD<sup>1</sup>, Howard Kaufman, MD<sup>1</sup>; <sup>1</sup>Huntington Hospital, <sup>2</sup>City of Hope
- P058 EXTRALEVATOR VERSUS STANDARD ABDOMINOPERINEAL EXCISION: DOES RADIOTHERAPY PLAY A PART IN WOUND BREAKDOWN? A Musbahi, <u>D Kamali</u>, A Sharpe, Y Viswanath, A Reddy; James Cook University Hospital, Middlesbrough U.K.
- P059 A NEW COMPOSITE PROGRAM TO ELIMINATE ANASTOMOTIC LEAKAGE IN LAPAROSCOPIC COLORECTAL SURGERY <u>Hitoshi Idani,</u> <u>MD, FACS</u>, Hiroyuki Araki, MD, Soichiro Miyake, MD, Hisanobu Miyoshi, MD, Kazutaka Takahashi, MD, Toshihiko Fujita, MD, Naoki Mimura, MD, Toshihiro Ogawa, MD, Yasuhiro Komatsu, MD, Hiroaki Inoue, MD, Kenji Yamaguchi, MD, Hijiri Matsumoto, MD, Yasuo Nagai, MD, Masao Harano, MD, Yasutomo Ojima, MD, Noriaki Tokumoto, MD, Hiroyoshi Matsukawa, MD, Takashi Kanazawa, MD, Yasuhiro Choda, MD, Daisuke Sato, MD, Michihiro Ishida, MD, Shigehiro Shiozaki, MD, Masazumi Okajima, MD, FACS, Motoki Ninomiya, MD; Department of Surgery Hiroshima City Hospital
- P060 SHORT & MIDDLE TERM RESULTS OF LOWER RECTAL CANCER ACCORDING TO PROCEDURE. <u>Toshimasa Ishii, PhD</u>, Shigeki Yamaguchi, Prof; Saitama medical university international medical center
- P061 SINGLE INCISION LAPAROSCOPY AS A STANDARD FOR COLORECTAL RESECTIONS FOR CANCER Elie K Chouillard; PARIS POISSY MEDICAL CENTER
- P062 OUTCOMES OF SURGERY WITH COLONIC STENTS FOR OBSTRUCTIVE COLON CANCER Yu Sato, MD, PhD, Yoshimasa Gohda, MD, Tomoko Horie, MD, Tsuyoshi Takaya, MD, Ryuichiro Suda, MD, Yasutaka Syuno, MD, PhD, Hideaki Yano, MD, PhD; Department of Colorectal Surgery, National Center for Global Health and Medicine
- P063 PROPENSITY SCORE ANALYSIS IN COMPARISONS OF LONG-TERM OUTCOMES FOR LOCALLY ADVANCED COLON CANCER BETWEEN LAPAROSCOPIC COLECTOMY AND OPEN COLECTOMY Kiichi Sugimoto, Kazuhiro Sakamoto, Yuichi Tomiki, Michitoshi Goto, Yutaka Kojima, Hiromitsu Komiyama, Makoto Takahashi, Hirohiko Kamiyama, Shun Ishiyama, Koichiro Niwa, Shingo Ito, Masaya Kawai, Shingo Kawano, Kazuhiro Takehara, Shinya Munakata, Jun Aoki, Yu Okazawa, Rina Takahashi, Kousuke Mizukoshi, Hisashi Ro, Ryosuke Ichikawa, Kazumasa Kure, Kumpei Honjo, Ryoichi Tsukamoto; Department of Coloproctological Surgery, Juntendo University Faculty of Medicine
- P064 SURGICAL OUTCOMES OF LAPAROSCOPIC RIGHT COLECTOMY IN OCTOGENARIANS Ron Shapiro, MD<sup>1</sup>, Uri Keler, MD<sup>1</sup>, Hatib Kamal, MD<sup>2</sup>, Guy Pascal, MD<sup>2</sup>, Aviram Nissan, MD<sup>1</sup>, <u>David Hazzan, MD<sup>2</sup></u>; <sup>1</sup>Chaim Sheba Medical Center, <sup>2</sup>Carmel Medical Center
- P065 SAFETY & EFFICACY OF SYNCHRONOUS ROBOTIC SURGERY FOR COLORECTAL CANCER WITH LIVER METASTASES. Steven S Tsoraides, MD, Rozana H Asfour, MD, Matthew J Scheidt, MD, J Stephen Marshall, MD; University of Illinois at Peoria

P066 THE METHODOLOGY TO STYLIZE THE LAPAROSCOPIC SURGERY FOR COLON CANCER FOR EDUCATION AND TRADITION <u>Hidekazu</u>

Takahashi, MD, Ichiro Takemasa, MD, Naotsugu Haraguchi, MD, Junichi Nishimura, MD, Yasushi Hata, MD, Hirofumi Yamamoto, MD, Tsunekazu Mizushima, MD, Yuichiro Doki, MD, Masaki Mori, MD; Osaka University Graduate School of Medicine, Gastroenterological Surgery

- P067 ROBOTIC SURGERY FOR RECTAL CANCER IN OUR CENTER -FIRST 50 RESECTION- <u>Chu Matsuda</u>, Katsuki Danno, Susumu Miyazaki, Kazumasa Fujitani, Masaru Kubota, Masaaki Motoori, Rie Nakatsuka, Masashige Nishimura, Akihiro Kitagawa, Kazuhiro Iwase; Osaka General Medical Center
- P068 REOPERATION FOLLOWING COLORECTAL SURGERY: INDICATIONS AND OPERATIONS <u>Alex D Michaels</u>, Matthew G Mullen, Traci L Hedrick, Christopher A Guidry, Florence E Turrentine, Charles M Friel; University of Virginia Health System
- P069 EXPERIENCE OF LAPAROSCOPIC PERITONEAL LAVAGE FOR RECTAL ANASTOMOTIC LEAKAGE Daisuke Yamamoto, Hiroyuki Bando, Naohiro Ota, Noriyuki Inaki, Tetsuji Yamada; Ishikawa Prefectural Central Hospital
- P070 TRANSVAGINAL VS TRANSUMBILICAL EXTRACTION IN COLORECTAL RESECTION AFTER MINILAPAROSCOPIC APPROACH OR S.I.L.S. TM APPROACH. Alerjandra Garcia Novoa<sup>1</sup>, Nicolasa Fernandez Soria<sup>1</sup>, Sergio Builes Ramirez<sup>1</sup>, Namibia Sanluis Verdes<sup>1</sup>, Jose M Munoz<sup>2</sup>, Gonzalo Martin, MD<sup>3</sup>, Antonio Melero<sup>4</sup>, Jose F Noguera, MD, PhD<sup>1</sup>; <sup>1</sup>Hospital A Coruna, <sup>2</sup>Hospital Son Llatzer, <sup>3</sup>Hospital Universitario Son Espases, <sup>4</sup>Consorcio Hsopital General Universitario
- P071 Withdrawn
- P072 LAPAROSCOPIC VERSUS OPEN ABDOMINOPERINEAL EXCISION: IS THERE ANY IMPACT ON PATIENT QUALITY OF LIFE? A Sharpe, D Kamali, A Musbahi, Y Viswanath, A Reddy; James Cook University Hospital, Middlesbrough U.K.
- P073 THE FEASIBILITY OF A LAPAROSCOPIC APPROACH TO RE-OPERATIVE ILEOANAL J-POUCH SURGERY Sami Chadi, MD, Ido Mizrahi, MD, Steven D Wexner, MD, PhD, Hon; Cleveland Clinic Florida, Weston, FL
- P074 SINGLE INCISION LAPAROSCOPIC COLORECTAL SURGERY-EVOLUTION AFTER 750 CASES Deborah S Keller, MS, MD<sup>1</sup>, <u>Matt</u> <u>Schultzel, D0<sup>2</sup></u>, Irlna Tantchou, MD<sup>2</sup>, Juan R Flores-Gonzalez, MD<sup>1</sup>, Sergio Ibarra, MD<sup>1</sup>, David A Cardona, MD<sup>1</sup>, Eric M Haas, MD, FACS, FASCRS<sup>3</sup>; <sup>3</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical Center at Houston, <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>University of Texas Medical Center at Houston

P075 SYNCHRONOUS ANAL MELANOMA AND COLON ADENOCARCINOMA: CASE STUDY AND REVIEW OF DIAGNOSIS AND CONDUCT Eduardo H Pirolla<sup>1</sup>, Felipe P Ribeiro<sup>2</sup>, Fernanda J Pirola<sup>1</sup>; <sup>1</sup>Harvard, <sup>2</sup>UNILUS

- P076 739 CASES IN 9 YEARS OF EXPERIENCE USING SEAMGUARDR (STAPLER LINE REINFORCEMENT) IN LAPAROSCOPIC COLORECTAL SURGERY AT TEXAS ENDOSURGERY INSTITUTE Morris E Franklin Jr., MD, FACS, Miguel A Hernandez, MD, Jeffrey L Glass, MD, FACS, Bryson Nicholson, MD, Ekong Uffort, MD; Texas Endosurgery Institute
- P077 THE EFFECT OF LAPAROSCOPY ON THE RISK READMISSION AFTER COLORECTAL SURGERY Miriam Tsao, MD<sup>1</sup>, Aristithes Doumouras, MD<sup>1</sup>, Fady Saleh, MD, MPH<sup>2</sup>, Dennis Hong, MD, MSc<sup>1</sup>; <sup>1</sup>McMaster University, <sup>2</sup>William Osler Healthcare
- P078 COLORECTAL ANASTOMOTIC LEAKAGE IN LAPAROSCOPIC LOW ANTERIOR RESECTION: ASPECTS OF PREVENTION AND TECHNICAL TIPS Toshimasa Yatsuoka<sup>1</sup>, Junichi Tanaka<sup>1</sup>, Takahiro Umemoto<sup>1</sup>, Sumito Sato<sup>1</sup>, Yoji Nishimura<sup>2</sup>, Yoshiyuki Kawashima<sup>2</sup>, Hirohiko Sakamoto<sup>2</sup>; <sup>1</sup>Showa University Fujigaoka Hospital, <sup>2</sup>Saitama Cancer Center

- P079 LAPAROSCOPIC SURGERY TO LOCALLY ADVANCE COLON CANCER INVADING TO ADJACENT URINARY STRUCTURES Yosuke Fukunaga, MD, PhD, Masashi Ueno, Satoshi Nagayama, YoshiyaT Fujimoto, Tsuyoshi Konishi, Takashi Akiyoshi, Toshiya Nagasaki, Jun Nagata, Yukiharu Hiyoshi, Hisanori Miki, Atsushi Ogura, Shunsuke Hamasaki, Hiromichi Fukuoka, Yuzo Fukuda; Cancer Institute Hospital
- P080 THE EFFECT OF DISTANCE FROM AN MIS TRAINING CENTER ON THE UTLIZATION OF LAPAROSCOPY FOR COLORECTAL CANCER Aristithes Doumouras, MD<sup>1</sup>, Fady Saleh, MD, MPH<sup>2</sup>, Miriam Tsao, MD<sup>1</sup>, Dennis Hong, MD, MSc<sup>1</sup>; <sup>1</sup>McMaster University, <sup>2</sup>William Osler Healthcare
- P081 TUMOR LOCALIZATION USING CARBON NANOPARTICLES FOR LAPAROSCOPIC COLECTOMY Jun Yan<sup>1</sup>, Yu Zheng<sup>1</sup>, Zhangyuanzhu Liu<sup>1</sup>, Xiufeng Wu<sup>2</sup>, Fangqing Xue<sup>1</sup>, Xiaoling Zheng<sup>1</sup>, Wenju Liu<sup>1</sup>, Hong Shi<sup>2</sup>, Wei Gong<sup>1</sup>, Guoxin Li<sup>1</sup>; <sup>1</sup>Department of General Surgery, Nanfang Hospital, Southern Medical University, Guangzhou, Guangdong, 510515, P.R.China, <sup>2</sup>Department of Surgery, Fujian Provincial Tumor Hospital, Teaching Hospital of Fujian Medical University, Fuzhou, Fujian, 350014, P.R.China
- P082 LAPAROSCOPIC PELVIC ORGAN PROLAPSE SUSPENSION WITH TRANSVAGINAL MESH FIXATION Seung Hyun Baek, MD, NahmGun Oh, Phd; Pusan National University Hospital

P083 Withdrawn

- P084 PERFACT PROCEDURE (PROXIMAL SUPERFICIAL CAUTERIZATION AROUND THE INTERNAL OPENING, EMPTYING REGULARLY OF FISTULA TRACTS AND CURETTAGE OF TRACTS): A NEW MINIMALLY INVASIVE SIMPLE CONCEPT TO TREAT HIGHLY COMPLEX ANAL FISTULA Pankaj Garg, Dr<sup>1</sup>, <u>Pratiksha Singh, Dr<sup>1</sup></u>, Devika Singh<sup>2</sup>, Mohinder K Garg, Prof<sup>3</sup>; <sup>1</sup>Garg Fistula Research Institute, Panchkula, India, <sup>2</sup>Boston University, Boston, <sup>3</sup>BPS Government Medical College for women, Khanpur kalan, Haryana, India
- P085 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION CONDUCTED BY COMBINING MEDIAL AND CRANIAL APPROACHES FOR TRANSVERS COLON CANCER <u>Shinichiro Mori</u>, Yoshiaki Kita, Kenji Baba, Masayuki Yanagi, Yusuke Tsuruta, Takako Tanaka, Yuko Mataki, Kosei Maemura, Yasuto Uchikado, Shoji Natsugoe; Department of Digestive Surgery, Breast and Thyroid Surgery, Graduate School of Medicine, Kagoshima
- P086 SOCIAL DETERMINANTS OF HEALTH DO NOT PREDICT EMERGENT OPERATION FOR DIVERTICULITIS Britney L Corey, MD, Lauren E Goss, Allison A Gullick, MPH, Daniel I Chu, MD, Melanie S Morris, MD, Jayleen M Grams, MD, PhD; University of Alabama at Birmingham
- P087 UTILITY OF 3D-CT ANGIOGRAPHY FOR THE PREOPERATIVE EXAMINATION OF LAPROSCOPIC SURGERY FOR TRANSVERSE COLON CANCER Shuji Saito, MD, Hitomi Takaishi, MD, Ryo Otsuka, MD, Ryoichi Hirayama, MD; Yokohama Shin-Midori General Hospital
- P088 THE FEASIBILITY OF A LAPAROSCOPIC APPROACH TO COMPLEX COLOVESICAL AND ENTEROVESICAL FISTULAS Daniel Bekele, MD, Sami Chadi, MD, Giovanna Dasilva, MD, Steven D Wexner, MD, PhD, Hon; Cleveland Clinic Florida, Weston, FL
- P089 IMPROVING SURGICAL FIELDS MANAGEMENT DURING DAVINCI XI LOW ANTERIOR RESECTION (R-LAR): A PROPOSAL OF A NEW PORTS PLACEMENT. <u>Giuseppe Spinoglio, MD</u>, Paolo Bellora, MD, PhD, Manuela Monni, MD, Luca Portigliotti, MD; "Maggiore della Carita'" Hospital - Novara - Italy
- P090 USEFULNESS OF BLOOD FLOW EVALUATION BY INDOCYANINE GREEN FLUORESCENT SYSTEM IN LAPAROSCOPIC COLECTOMY. Jun Higashijima, PhD, Mitsuo Shimada, Professor, Takashi Iwata, PhD, Kozo Yoshikawa, PhD, Toshihiro Nakao, PhD, Masaaki Nishi, PhD, Hideya Kashihara, PhD, Chie Takasu, PhD; Department of Surgery, Tokushima University, Japan

- P091 LAPAROSCOPIC VS. OPEN METASTATIC LATERAL
- LYMPHADENECTOMY FOR RECTAL CANCER <u>Shigeki Yamaguchi,</u> <u>MD</u>, Toshimasa Ishii, MD, Jo Tashiro, MD, Hiroka Kondo, MD, Kiyoka Hara, Masayasu Aikawa, Mitsuo Miyazawa; Saitama medical University Interntional Medical Center
- P092 LAPAROSCOPIC TOTAL MESORECTAL EXCISION FOR RECTAL CANCER BY USING A NEW DEVICE "LOCK-ARM" REPLACING AN ASSISTANT'S ROLES <u>Akihiro Kondo, MD</u>, Masaaki Ito, MD, Yuji Nishizawa, MD, Rie Matsunaga, MD, Takeshi Sasaki, MD, Akihiro Kobayashi, MD; Division of Colorectal Surgery, National Cancer Center Hospital East
- P093 COLORECTAL CANCER IN YOUNG ADULTS IN SOUTHERN PART OF PAKISTAN (LAPAROSCOPIC MANAGEMENT AND OUTCOME AT LIAQUAT UNIVERSITY HOSPITAL HYDERABAD <u>ArshadHussain Abro,</u> <u>Dr</u>, Abdul Aziz Laghari, Prof; LUMHS PAKISTAN
- P094 FEASIBILITY AND SAFETY OF INTRAOPERATIVE COLONOSCOPY AFTER SEGMENTAL COLECTOMY AND PRIMARY ANASTOMOSIS FOR PARTIAL COLONIC OBSTRUCTION Ray S King, MD, PhD, <u>Erika</u> <u>Simmerman, DO</u>, P B Ham, MD, Zachary Klaassen, MD, Vendie Hooks, MD; Medical College of Georgia
- P095 TWO CASES OF LAPAROSCOPIC-ASSISTED SIMULTANEOUS RESECTION OF COLORECTAL CANCER AND SYNCHRONOUS LIVER METASTASES IN ELDERLY PATIENTS Tomoaki Ito, Tomoyuki Kushida, Mutsumi Sakurada, Hiroshi Maekawa, Hajime Orita, Koji Senuma, Konomi Mizuguchi, Koichi Sato; Department of Surgery, Juntendo University Shizuoka Hospital
- P096 A RARE CASE OF PRIMARY LEIOMYOSARCOMA OF THE SIGMOID COLON AND UROTHELIAL CARCINOMA OF THE BLADDER IN A CROHN'S PATIENT Jessica S Crystal, MD<sup>1</sup>, Steven Tizio, MD<sup>2</sup>, Min Zheng, MD<sup>2</sup>, Glenn Parker<sup>2</sup>; <sup>1</sup>Rutgers-Robert Wood Johnson Medical School, <sup>2</sup>Jersey Shore University Medical Center
- P097 LAPAROSCOPIC SURGERY FOR SPLENIC FLEXURE COLON CANCER <u>Kunihiko Nagakari, MD</u>, Masaki Fukunaga, Tetsu Fukunaga, Seiichiro Yoshikawa, Masakazu Ouchi, Gotaro Katsuno, Yoshinori Hirasaki, Shintaro Kohama; Juntendo Univ. Urayasu Hosp.
- P098 PREDICTION OF ANASTOMOTIC FAILURE DUE TO POOR BLOOD CIRCULATION BY THE HYPEREYE MEDICAL SYSTEMTM Michiya Kobayashi, MD, PhD, Takayuki Sato, MD, PhD, Hiromichi Maeda, MD, PhD, Ken Okamoto, MD, PhD, Takeki Sugimoto, MD, PhD, Ken Dabanaka, MD, PhD, Tsutomu Namikawa, MD, PhD, Kazuhiro Hanazaki, MD, PhD; Kochi Medical School
- P099 IMPACT OF ROUTINE FLUORESCENCE ANGIOGRAPHY IN COLORECTAL SURGERY Deborah S Keller, MS, MD<sup>1</sup>, I<u>rlna Tantchou, MD<sup>2</sup></u>, Matthew Schultzel, DO<sup>2</sup>, Juan R Flores-Gonzalez, MD<sup>1</sup>, Sergio Ibarra, MD<sup>1</sup>, Eric M Haas, MD, FACS, FASCRS<sup>3</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>University of Texas Medical Center at Houston, <sup>3</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical School at Houston
- P100 SQUAMOUS CELL CARCINOMA OF UNKNOWN PRIMARY PRESENTING AS A MASS IN THE HEPATIC FLEXURE Jessica S Crystal, <u>MD</u><sup>1</sup>, Nisha Dhir, MD<sup>2</sup>; <sup>1</sup>Rutgers-Robert Wood Johnson Medical School, <sup>2</sup>University Medical Center of Princeton at Plainsboro
- P101 ESOPHAGEAL STENT MIGRATION REQUIRING COLONOSCOPIC RETRIEVAL Kaci Sims, MD, Isaac Payne, MD, Leander Grimm Jr, MD; University of South Alabama
- P102 TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS) WITH A GELPOINT® PATH FOR LOWER RECTAL TUMOR. Shingo Noura<sup>1</sup>, Masayuki Ohue<sup>2</sup>, Norikatsu Miyoshi<sup>2</sup>, Masayoshi Yasui<sup>2</sup>, Tae Matsumura<sup>1</sup>, Masaki Hirota<sup>1</sup>, Junichi Hasegawa<sup>1</sup>; <sup>1</sup>Osaka Rosai Hospital, <sup>2</sup>Osaka Medical Center for Cancer and Cardiovascular Diseases
- P103 PATIENT'S QUALITY OF LIFE AFTER STANDARD VERSUS EXTRA-LEVATOR ABDOMINOPERINEAL EXCISION: A PROSPECTIVE CASE CONTROL STUDY. <u>D Kamali</u>, A Sharpe, A Musbahi, Y Viswanath, A Reddy; James Cook University Hospital, Middlesbrough U.K.

- P104 OUR CASES BY WHOM SOLITARY RECTAL ULCER SYNDROM WAS DETERMINED Sebahattin Destek, MD<sup>1</sup>, <u>Vahit Onur Gul, MD<sup>2</sup></u>; <sup>1</sup>Tuzla Hospital General Surgery Dept., Istanbul/Turkey, <sup>2</sup>Edremit Military Hospital General Surgery Dept
- P105 LAPAROSCOPIC COLORECTAL SURGERY USING REDUCED PORT SURGERY DEVICE (EZ ACCESS TM) <u>Kazuki Ueda, MD</u>, Junichiro Kawamura, MD, Koji Daito, MD, Fumiaki Sugiura, MD, Yasumasa Yoshioka, MD, Yoshinori Yane, MD, Jin-ichi Hida, MD, Haruhiko Imamoto, MD, Kiyotaka Okuno, MD; Kindai University Faculty of Medicine
- P106 LAPAROSCOPIC COLORECTAL SURGERY IN THE CIRRHOTIC PATIENTS: SAFE AND FEASIBLE Alberto F Chapa-Lobo, MD<sup>1</sup>, Raul Ramos-Lopez, MD<sup>2</sup>, Luis Salgado-Cruz, MD<sup>1</sup>, Marco A Juarez-Parra, MD<sup>3</sup>, <u>Hector F Sanchez-Maldonado, MD<sup>3</sup></u>, Ulises Caballero-de la Pena, MD<sup>3</sup>, Ernesto Miranda-Cervantes, MD<sup>3</sup>; <sup>1</sup>Servicio de Cirugia General Tec Salud. Tecnologico de Monterrey. Campus Monterrey, <sup>2</sup>Digestive Disease Center. University of Texas Health Science Center. San Antonio Texas, <sup>3</sup>Hospital Christus Muguerza Alta Especialidad / UDEM
- P107 LAPAROSCOPIC VERSUS ROBOTIC LEFT-SIDED COLECTOMY WITH LOW PELVIC ANASTOMOSIS: AN ASSESSMENT FROM THE ACS-NSQIP PROCEDURE-TARGETED COHORT Cigdem Benlice, Emre Gorgun, Meagan Costedio, Luca Stocchi, Maher Abbas, Feza Remzi; Cleveland Clinic, Department of Colorectal Surgery
- P108 SURGICAL TECHNIQUE AND OUTCOME OF LAPAROSCOPIC RECTOPEXY FOR RECTAL PROLAPSE Junichi Hasegawa, MD, Shingo Noura, MD, Masaki Hirota, MD, Tae Matsumura, MD, Chikato Koga, MD, Chizu Kameda, MD, Masahiro Murakami, MD, Ryouhei Kawabata, MD, Masato Yoshikawa, MD, Junzo Shimizu; Department of Surgery, Osaka Rosai Hospital
- P109 PRIMARY EPIPLOIC APPENDAGITIS- THE GREAT IMITATOR Monica Laniado, MD, Ibrahim Matar, MD, Simona Croitero, MD, <u>Gideon</u> <u>Sroka, MD, MSc</u>; Bnai-Zion Medical Center
- P110 LAPAROSCOPIC PRIMARY RESECTION WITH ANASTOMOSIS IN ACUTE COLONIC DIVERTICULITIS Martin Galvarini, Francisco Schlottmann, Ezequiel Sadava, Alejandro Sanchez Ruiz, Manuel Maya, Maximiliano Bun, Nicolas Rotholtz; Hospital Aleman of Buenos Aires
- P111 COMPARISON BETWEEN OPEN AND LAPAROSCOPIC SURGERY AFTER STENT INSERTION FOR OBSTRUCTIVE CANCER Toshiyuki Enomoto, MD, Yoshihisa Saida, MD, Emiko Takeshita, MD, Kazuhiro Takabayashi, MD, Sayaka Nagao, MD, Asako Takahashi, MD, Ryohei Watanabe, MD, Yasushi Nagaoka, MD, Koji Asai, MD, Yoichi Nakamura, MD, Manabu Watanabe, MD, Natsuya Katada, MD, Shinya Kusachi, MD; Department of Surgery, Toho University Ohashi Medical Center
- P112 IMPORTANCE OF PROTECTIVE ILEOSTOMY DURING RECTAL RESECTION Lukas Sakra, MD, PhD, Veronica Prochazkova, MD, PhD, Jan Flasar, MD, Jiri Sller, MD, PhD; Surgical Dept. Pardubice
- P113 TECHNICALLY SAFETY AND ONCOLOGICAL VALIDITY OF LAPAROSCOPIC SURGERY IN ELDERLY PATIENTS WITH COLON CANCER. Ken Kojo, MD, Masanori Naito, MD, PhD, Masahiko Watanabe, MD, PhD, Takahiro Yamanashi, MD, PhD, Hirohisa Miura, MD, Atsuko Tsutsui, MD, Naoto Ogura, MD, Keigo Yokoi, MD, Takeo Sato, MD, PhD, Takatoshi Nakamura, MD, PhD; Kitasato University School of Medicine, Department of Surgery
- P114 LAPAROSCOPIC RADICAL RIGHT HEMICOLECTOMY USING CAUDAL -TO-CRANIAL APPROACH FOR CURABLE RIGHT-SIDED COLON CANCER Liaonan Zou, Guobin Chen, Wenjun Xiong, Yaobin He, Hongming Li, Ping Tan, Wei Wang, Jin Wan; Guangdong Province Hospital of Chinese Medicine

#### P115 LONG-TERM OUTCOMES OF SINGLE INCISION LAPAROSCOPIC COLORECTAL RESECTION (SILC) IN OUR CONSECUTIVE 272

**COLORECTAL CANCER PATIENTS** <u>Goutaro Katsuno, MD, PhD</u>, Masaki Fukunaga, MD, PhD, Tetsu Fukunaga, MD, PhD, Kunihiko Nagakari, MD, PhD, Kunihiro Yamasawa, MD, PhD, Seiichirou Yoshikawa, MD, PhD, Masaru Suda, MD, PhD, Yoshito lida, MD, PhD, Masakazu Ohuchi, MD, PhD, Satoshi Kanda, MD, PhD, Yoshinori Hirasaki, MD, PhD, Mayuko Itou, MD, PhD, Yukinori Yube, MD, Daisuke Azuma, MD, Shintaro Kohama, MD, Jun Nomoto, MD; Department of Surgery, Juntendo Urayasu Hospital, Juntendo University

- P116 SHORT-TERM OUTCOME OF LAPAROSCOPIC ABDOMINOPERINEAL RESECTION FOR LOWER RECTAL CANCER Shinobu Ohnuma, MD, PhD, Tomoya Abe, MD, PhD, Hideaki Karasawa, MD, PhD, Kazuhiro Watanabe, MD, PhD, Hirifumi Imoto, MD, PhD, Takeshi Aoki, MD, PhD, Katsuyoshi Kudoh, MD, PhD, Masaharu Ishida, MD, PhD, Naoki Tanaka, MD, PhD, Munenori Nagao, MD, PhD, Hiroaki Musha, MD, PhD, Fuyuhiko Motoi, MD, PhD, Takeshi Naitoh, MD, PhD, Michiaki Unno, MD, PhD; Tohoku University Graduate School of Medicine
- P117 THE USEFULLNESS OF TRANSANAL RECTAL DECOMPRESSION BY A PENROSE DRAIN AFTER LAPAROSCOPIC LOW ANTERIOR RESECTION OF THE RECTUM <u>Iwao Kitazono</u><sup>1</sup>, Jun Kadono<sup>1</sup>, Akira Furoi<sup>2</sup>, Shunsuke Motoi<sup>1</sup>, Tomohisa Futawatari<sup>2</sup>, Hizuru Kumemura<sup>2</sup>, Maki Inoue<sup>2</sup>, Teruhiko Watanabe<sup>3</sup>, Masahiko Osako<sup>3</sup>, Naoki Ishizaki<sup>3</sup>, Teruo Kumagae<sup>4</sup>, Imoto Yutaka<sup>1</sup>; <sup>1</sup>Cardiovascular and Gastroenterological Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, <sup>2</sup>Department of Surgery, Kirishima Medical Association Hospital, <sup>3</sup>Department of Surgery, Kagoshima Medical Association Hospital, <sup>4</sup>Department of Surgery, Kagoshima Teishin Hospital
- P118 SHORT TERM OUTCOMES IN LAPAROSCOPIC COLORECTAL SURGERY WITH AND WITHOUT THE USE OF FLUORESCENT ANGIOGRAPHY. Carolyn Moore, MD<sup>1</sup>, Jacquelyn Turner, MD, FACS<sup>2</sup>, Clayton Naddell<sup>3</sup>, Adatee Okonkwo, MD<sup>1</sup>, Ed Childs, MD, FACS<sup>1</sup>, Clarence Clark, MD, FACS, FASCRS<sup>2</sup>; <sup>1</sup>Morehouse School Of Medicine, Department of Surgery, <sup>2</sup>Morehouse School of Medicine, Department of Surgery, Section of Colon and Rectal Surgery, <sup>3</sup>Morehouse School of Medicine
- P119 LAPAROSCOPIC RIGHT HEMICOLECTOMY FOR GOBLET CELL ADENOCARCINOID OF THE APPENDIX: A CASE REPORT Lindsay Tse, DO, Joshua Klein, DO, Maurizio Miglietta, DO; Palisades Medical Center
- P120 APPLICATION AND STANDARDIZATION OF REDUCED PORT SURGERY IN LAPAROSCOPIC RECTAL CANCER SURGERY <u>Hiroyuki</u> <u>Matsubara</u>, Akiyoshi Kanazawa, Ryo Ohno, Toru Goto, Takuya Okamoto, Takehito Yamamoto, Yoichiro Uchida, Shugo Ueda, Akira Mori, Hiroaki Terajima; Kitano Hospital
- P121 LAPAROSCOPIC INTERVAL APPENDECTOMY-PROBLEMS DURING NON-SURGICAL MANAGEMENT- Tomoaki Saito, Manabu Watanabe, Koji Asai, Hiroshi Matsukiyo, Tomotaka Ishi, Asako Takahashi, Takaharu Kiribayashi, Toshiyuki Enomoto, Yoshihisa Saida, Shinya Kusachi; Toho university, Ohashi medical center
- P122 EXTRA LEVATOR VERSUS STANDARD ABDOMINOPERINEAL EXCISION FOR RECTAL CANCER: IS THERE ANY ONCOLOGICAL BENEFIT? D Kamali, A Musbahi, A Sharpe, A Reddy, Y Viswanath; James Cook University Hospital, Middlesbrough U.K.
- P123 SINGLE INCISION LAPAROSCOPIC SURGERY FOR RECTAL CANCER: EARLY EXPERIENCE WITH 41 CASES <u>Shuodong Wu</u>, Jinyan Han; 2nd General Department
- P124 FAST TRACK LAPAROSCOPIC SURGERY: A STUDY IN A DISTRICT HOSPITAL <u>Angela Maurizi</u><sup>1</sup>, Francesco Falsetti<sup>2</sup>, Giorgio Degano<sup>2</sup>, Roberto Campagnacci<sup>2</sup>, Emanuele Lezoche<sup>3</sup>; <sup>1</sup>Department of General Surgery, Universita Politecnica delle Marche, 60126 Ancona, Italy, <sup>2</sup>General Surgery, ASUR Regione Marche, "Carlo Urbani" Hospital, Jesi, Ancona, <sup>3</sup>Department of General Surgery, Surgical Specialties and Organ Transplantation "Paride Stefanini", Azienda Policlinico Umberto I, Sapienza University of Rome, Italy

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P125 RECTOPEXY WITH SIGMOIDECTOMY FOR RECTAL PROLAPSE: A NATIONWIDE ANALYSIS OF ROBOTIC-ASSISTED VS. LAPAROSCOPIC VS. OPEN APPROACH Reza Fazl Alizadeh, MD, Zhobin Moghadamyeganeh, MD, Mark H Hannah, MD, John Gahagan, MD, Steven D Mills, MD, Joseph C Carmichael, MD, Alessio Pigazzi, MD, PhD, Michael J Stamos, MD; University of California, Irvine, Department of Surgery

P126 LAPAROSCOPIC RIGHT HEMICOLECTOMY WITH INTRACORPOREAL ANASTOMOSIS: SHORT- AND LONG-TERM BENEFITS IN COMPARISON WITH EXTRACORPOREAL ANASTOMOSIS

Ron Shapiro, MD<sup>1</sup>, Uri Keler, MD<sup>1</sup>, Stav Sarna-Cahan, MD<sup>2</sup>, Kamal Hatib, MD<sup>2</sup>, David Hazzan<sup>2</sup>; <sup>1</sup>Chaim Sheba Medical Center, Tel-Hashomer, <sup>2</sup>Carmel Medical Center

P127 REDUCED PORT LAPAROSCOPIC APPENDECTOMY VERSUS CONVENTIONAL LAPAROSCOPIC APPENDECTOMY FOR

**COMPLICATED APPENDICITIS** <u>Shintaro Kohama, MD</u>, Masaki Fukunaga, MD, PhD, Tetsu Fukunaga, MD, PhD, Kunihiko Nagakari, MD, PhD, Masaru Suda, MD, PhD, Yoshito Iida, MD, PhD, Kunihiro Yamasawa, MD, PhD, Seiichiro Yoshikawa, MD, PhD, Masakazu Ouchi, MD, PhD, Goutaro Katsuno, MD, PhD, Satoshi Kanda, MD, PhD, Mayuko Ito, MD, PhD, Yoshinori Hirasaki, MD, PhD, Yukinori Yube, MD, PhD, Daisuke Azuma, MD, PhD, Jun Nomoto, MD, PhD; Juntendo Urayasu Hospital, Juntendo University

- P128 FEASIBILITY OF ADAPTATING THE FUNDAMENTALS OF LAPAROSCOPIC SURGERY TRAINER BOX TO ENDOSCOPIC SKILLS TRAINING TOOL Oscar M Crespin, MD<sup>1</sup>, Allan Okrainec, MD<sup>1</sup>, Andrea Kwong<sup>1</sup>, Ilay Habaz<sup>1</sup>, Maria C Jimenez, MD<sup>1</sup>, Jeff Mosko, MD<sup>1</sup>, Timothy D Jackson, MD<sup>1</sup>, Louis W Liu, MD<sup>1</sup>, Lee L Swamstron, MD<sup>2</sup>, Eran Shlomovitz, MD<sup>1</sup>; <sup>1</sup>University of Toronto/University Health Network, <sup>2</sup>Oregon Health Sciences University
- P129 ACCURACY AND INTER-OPERATOR VARIABILITY OF SMALL BOWEL LENGTH MEASUREMENT AT LAPAROSCOPY Benny Gazer, MD<sup>1</sup>, Avinoam Nevler, MD<sup>1</sup>, Barak Bar-Zakai, MD<sup>2</sup>, Udi Willentz, DVM<sup>3</sup>, Ofer Doron<sup>3</sup>, Mordechai Gutman, MD<sup>1</sup>, Danny Rosin, MD<sup>1</sup>; <sup>1</sup>Chaim Sheba Medical Center, <sup>2</sup>Kaplan Medical Center, <sup>3</sup>Lahav CRO
- P130 THE CHARACTERIZATION, SIMULATION, AND EFFECT OF ABDOMINAL WALL RESISTANCE ON RESIDENT LAPAROSCOPIC TRAINER PERFORMANCE Scott W Schimpke, MD, John C Kubasiak, MD, Benjamin R Veenstra, MD, Jonathan A Myers, MD, Keith W Millikan, MD, Daniel J Deziel, MD, Jennifer Poirier, PhD, Minh B Luu; Rush University Medical Center
- P131 DRIVEN TO INNOVATE: WHY PRACTICING SURGEONS LEARN NEW PROCEDURES AND TECHNOLOGIES Todd A Jaffe, BBA, Steven J Hasday, BS, Meghan C Knol, MS, Jason C Pradarelli, MS, Justin B Dimick, MD, MPH; University of Michigan
- P132 DEVELOPMENT OF A NOVEL EX-VIVO PORCINE LAPAROSCOPIC HELLER MYOTOMY AND NISSEN FUNDOPLICATION TRAINING MODEL <u>Hideki Ujiie</u><sup>1</sup>, Tatsuya Kato<sup>1</sup>, Patrycja Bauer<sup>1</sup>, Hsin-pei Hu<sup>1</sup>, Priya Patel<sup>1</sup>, Hironobu Wada<sup>1</sup>, Daiyoon Lee<sup>1</sup>, Kosuke Fujino<sup>1</sup>, Colin Schieman<sup>2</sup>, Andrew Pierre<sup>1</sup>, Gail Darling<sup>1</sup>, Kazuhiro Yasufuku<sup>1</sup>; <sup>1</sup>Division of Thoracic Surgery, Toronto General Hospital, <sup>2</sup>Division of Thoracic Surgery, McMaster University
- P133 SIMULATION TRAINING TO ACQUIRE EXPERTISE IN LAPAROSCOPIC PANCREATODUODENECTOMY RECONSTRUCTION: LEARNING CURVE AND TRANSFER OF SKILLS TO THE OPERATING ROOM. Pablo Achurra, MD, Marcel Sanhueza, MD, Rolando Rebolledo, MD, Juan Francisco Guerra, MD, Fernando Pimentel, Jorge Martinez, MD, Julian Varas, Nicolas Jarufe; Experimental Surgery and Simulation Center, Department of Digestive Surgery, Pontificia Universidad Catolica de Chile

P134 GENERAL SURGERY TRAINEES SEEK ROBOTIC EXPOSURE, BUT GET MINIMAL CONSOLE TIME IN RESIDENCY Walker Julliard,

<u>MD</u><sup>1</sup>, John R Porterfield, MD<sup>2</sup>, Aurora D Pryor, MD<sup>3</sup>, Rachel R Kelz, MD, MSCE<sup>4</sup>, Gregory D Kennedy, MD, PhD<sup>1</sup>, Mary T Hawn, MD, MPH<sup>5</sup>, Brent D Matthews, MD<sup>6</sup>, Nathaniel J Soper, MD<sup>7</sup>, Jacob A Greenberg, MD, EdM<sup>1</sup>; <sup>1</sup>University of Wisconsin, <sup>2</sup>University of Alabama at Birmingham, <sup>3</sup>Stony Brook University, <sup>4</sup>University of Pennsylvania, <sup>5</sup>Stanford University, <sup>6</sup>Carolinas Healthcare System, <sup>7</sup>Northwestern University

- P135 DEVELOPMENT OF A HUMAN-REPLICA TRAINING BOX AND ORGAN MODEL BASED ON A SCENARIO FOR SIMULATION OF SURGICAL PROCEDURES <u>Kazuhiro Endo, MD</u>, Naohiro Sata, MD, PhD, Atsushi Miki, MD, PhD, Masaru Koizumi, MD, PhD, Hideki Sasanuma, Yasunaru Sakuma, Alan K Lefor, MD, MPH, PhD, FACS; Jichi Medical University
- P136 DEVELOPMENT OF A NOVEL VIDEO-BASED SCRIPT CONCORDANCE TEST FOR LAPAROSCOPIC SUTURING Ghada Enani, MBBS, MEd, Yusuke Watanabe, MD, PhD, Amani Munshi, MD, Melina Vassiliou, MD, MEd, FRCSC, FACS; McGill
- P137 A STRUCTURED, EXTENDED TRAINING PROGRAM TO FACILITATE ADOPTION OF NEW TECHNIQUES FOR PRACTICING SURGEONS Jacob A Greenberg, MD, EdM, Sally Jolles, MA, Sarah Sullivan, PhD, Sudha P Quamme, MD, MS, Caprice C Greenberg, MD, MPH, Carla Pugh, MD, PhD; University of Wisconsin
- P138 A QUESTIONNAIRE ON THE ATTITUDE TOWARDS THE CHINESE CURRENT SURGICAL TRAINING FOR RESIDENTS <u>Zhifei Wang</u><sup>1</sup>, Yi Lu<sup>1</sup>, Songjia Tang<sup>2</sup>; <sup>1</sup>Hepatobiliary, pancreatic and minimally invasive surgery, Zhejiang Provincial People's Hospital, <sup>2</sup>Zhejiang University, Medical School
- P139 A REVIEW OF A LAPAROSCOPIC & ENDOSCOPIC TRAINING PROGRAM IN CENTRAL HAITI. Luther Ward, MD<sup>1</sup>, Michelson Padovany, MD<sup>2</sup>, Alexis N Bowder<sup>3</sup>, Andre Patrick Jeudy, MD<sup>2</sup>, Frank Junior Turenne, MD<sup>2</sup>, Thomas McIntyre, MD<sup>4</sup>, John G Meara, MD<sup>1</sup>, Jean Louis Mac Lee, MD<sup>2</sup>; 'Boston Children's Hospital, <sup>2</sup>Zamni Lasante-Partners in Health, <sup>3</sup>University of Nebraska Medical Center, <sup>4</sup>SUNY Downstate Medical Center
- P140 EFFECT OF INSTITUTING A LAPAROSCOPIC CURRICULUM ON KNOWLEDGE AND RETENTION OF KNOWLEDGE OF OBGYN RESIDENTS Camila Caroline De Amorim Paiva, MD, Nancy Z Tang, MD, Pedram Bral, MD; Maimonides Medical Center
- P141 THINKING OUTSIDE THE [TRAINER] BOX: A COMPETITION CURRICULUM TO DEVELOP LAPAROSCOPIC PROFICIENCY AND PROBLEM-SOLVING IN SURGICAL TRAINEES <u>N Lafayette</u>, MD, D Ricaurte, MD, J Dussel, MD, J Gauthier, MD, S Kurtzman, MD, L Melman, MD; Waterbury Hospital
- P142 LAPAROSCOPIC SKILL ASSESSMENT OF PRACTICING SURGEONS PRIOR TO ENROLLMENT IN A SURGICAL TRIAL OF A NEW LAPAROSCOPIC PROCEDURE Benjamin Zendejas, MD, MSc<sup>1</sup>, James W Jakub, MD<sup>1</sup>, Travis E Grotz, MD<sup>1</sup>, Alicia M Terando, MD<sup>2</sup>, Amod Sarnaik, MD<sup>3</sup>, Charlotte E Ariyan, MD<sup>4</sup>, Mark B Faries, MD<sup>5</sup>, Sabino Zani Jr., MD<sup>6</sup>, Heather B Neuman, MD, MS<sup>7</sup>, Nabil Wasif, MD<sup>8</sup>, Jeffrey M Farma, MD<sup>9</sup>, Bruce J Averbook, MD<sup>10</sup>, Karl Y Bilimoria, MD, MS<sup>11</sup>, Douglas Tyler, MD<sup>12</sup>, Mary S Brady, MD<sup>4</sup>, Jeffrey D Wayne, MD<sup>11</sup>, Todd A Kellogg, MD<sup>1</sup>, David R Farley, MD<sup>1</sup>; <sup>1</sup>Mayo Clinic - Rochester, <sup>2</sup>Ohio State University, <sup>3</sup>H. Lee Moffitt Cancer Center, <sup>4</sup>Memorial Sloan Kettering Cancer Center, <sup>5</sup>John Wayne Cancer Institute, <sup>6</sup>Duke University, <sup>7</sup>University of Wisconsin - Madison, <sup>8</sup>Mayo Clinic - Arizona, <sup>9</sup>Fox Chase Cancer Center, <sup>10</sup>Metrohealth Medical Center, Cleveland, <sup>11</sup>Northwestern University, <sup>12</sup>University of Texas, Galveston
- P143 EXAMINING THE EFFICACY OF A NOVEL MENTAL SKILLS CURRICULUM IMPLEMENTED WITH SURGICAL NOVICES Nicholas E Anton, MS<sup>1</sup>, Lisa D Howley, PhD<sup>1</sup>, Manuel E Pimentel, BS<sup>1</sup>, Cameron K Davis, BA<sup>1</sup>, Charles Brown, PhD<sup>2</sup>, <u>Dimitrios Stefanidis, MD, PhD<sup>3</sup></u>; <sup>1</sup>Carolinas Simulation Center, Carolinas HealthCare System, Charlotte, NC, <sup>2</sup>Head in the Game Inc, Charlotte, NC, <sup>3</sup>Department of Surgery, Carolinas HealthCare System, Charlotte, NC

- P144 A COMPARISON OF ATTENDING VERSUS RESIDENT OPINIONS REGARDING MORBIDITY AND MORTALITY CONFERENCE AT A GENERAL SURGERY RESIDENCY PROGRAM Courtney Cripps, MD, Parswa Ansari, MD, Gary Giangola, MD, Robert Andrews, MD; Northshore LIJ Lenox Hill Hospital
- P145 OFFERING ROBOTIC SURGICAL EDUCATION DURING GENERAL SURGERY RESIDENCY Ankit Patel, MD<sup>1</sup>, Jamil Stetler, MD<sup>1</sup>, Jay Singh, MD<sup>2</sup>, Jahnavi Srinivasan, MD<sup>1</sup>, Keith Delman, MD<sup>1</sup>, John Sweeney, MD<sup>1</sup>, S. Scott Davis, MD<sup>1</sup>, Edward Lin, DO<sup>1</sup>; <sup>1</sup>EMORY UNIVERSITY, <sup>2</sup>Piedmont Colorectal Associates
- P146 FEASIBILITY OF REMOTE ADMINISTRATION OF THE FUNDAMENTALS OF LAPAROSCOPIC SURGERY (FLS) SKILLS TEST USING GOOGLE WEARABLE DEVICE. <u>Anton Nikouline, BS</u><sup>1</sup>, M. Carolina Jimenez, MD<sup>2</sup>, Allan Okrainec, MD, MHPE<sup>3</sup>; <sup>1</sup>University of Toronto, <sup>2</sup>Temerty/Chang Telesimulation Centre, Toronto, <sup>3</sup>Division of General Surgery, University Health Network
- P147 WHO TOOK AWAY THE DUE SURGERY FROM THE CHINESE RESIDENTS AND HOW TO MAKE IT UP Zhifei Wang<sup>1</sup>, Yue Gao<sup>2</sup>, Dahong Zhang<sup>3</sup>, Defei Hong<sup>1</sup>, Hong Wang<sup>4</sup>, Yan Li<sup>5</sup>, Dongsheng Huang<sup>1</sup>; <sup>1</sup>Department of Hepatobiliary, pancreatic and minimally invasive surgery, <sup>2</sup>Biomedical Engineering, Cleveland Clinic Foundation,9500 Euclid Ave, Cleveland, OH 44195., <sup>3</sup>Department of Urology, Zhejiang Provincial People's Hospital, <sup>4</sup>Department of Anesthesiology, .Wayne State University/Detroit Medical Center.McLaren Flint Hospital. Detroit, MI, USA, <sup>5</sup>Department of Neurosurgery, University of Rochester Medical Center, 601 Elmwood Ave, Rochester, NY 14642
- P148 ENDOSCOPIC PAINTING AS PELVIC BOX TRAINING EXERCISE Michael Dennis I dela Paz, MD; AMOSUP Seamen's Hospital, Intramuros, Manila
- P149 ADVANCED LAPAROSCOPY SIMULATION TRAINING: RESULTS OF 5 YEARS OF EXPERIENCE. Pablo A Achurra, MD, Ruben Avila, MD, Rodrigo Tejos, Richard Castillo, MD, Erwin Buckel, MD, Felipe Leon, MD, Fernando Pimentel, MD, Fernando Crovari, MD, Nicolas Jarufe, MD, Julian Varas, MD; Experimental Surgery and Simulation Center, Department of Digestive Surgery, Pontificia Universidad Catolica de Chile
- P150 TRIAL OF THE FLIPPED CLASSROOM FOR OPEN SUTURING AND SIMULATED LAPAROSCOPIC CHOLECYSTECTOMY FOR MEDICAL STUDENTS. Takashi Iwata, MD, PhD<sup>1</sup>, Masashi Akaike, MD, PhD<sup>1</sup>, Kozo Yoshikawa, MD, PhD<sup>2</sup>, Jun Higashijima, MD, PhD<sup>2</sup>, Toshihiro Nakao, MD, PhD<sup>2</sup>, Masaaki Nishi, MD, PhD<sup>2</sup>, Chie Takasu, MD, PhD<sup>2</sup>, Mitsuo Shimada, MD, PhD<sup>2</sup>; <sup>2</sup>Department of Digestive Surgery, Institute of Biomedical Sciences, Tokushima University Graduate School, <sup>1</sup>Research Center for Education of Health Bioscience, Institute of Biomedical Sciences, Tokushima University Graduate School
- P151 TRANSVERSUS ABDOMINIS PLANE BLOCKS: A PILOT STUDY OF FEASIBILITY AND ASCENSION UP THE LEARNING CURVE Deborah <u>S Keller, MS, MD</u><sup>1</sup>, Sergio Ibarra, MD<sup>1</sup>, Juan R Flores-Gonzalez, MD<sup>1</sup>, Nisreen Madhoun, DO<sup>1</sup>, Oscar I Moreno-Ponte, MD<sup>1</sup>, Eric M Haas, MD, FACS, FASCRS<sup>2</sup>; <sup>1</sup>Colorectal Surgical Associates, Houston, TX, <sup>2</sup>Colorectal Surgical Associates, Houston Methodist Hospital, The University of Texas Medical School, Houston, TX
- P152 HOW TO BE IMPACTED ON EXPOSING TIMES AND DISSECTING TIMES IN LAPAROSCOPIC SIGMA RESECTION BY SURGEON'S SKILLS Shigehiro Kojima<sup>1</sup>, Masaaki Ito<sup>2</sup>; <sup>1</sup>Department of Surgery, Sainokuni Higashiomiya Medical Center, <sup>2</sup>Department of Colorectal Surgery, National Cancer Center Hospital East
- P153 PLURAL HANDS-ON SEMINAR PROGRAM FOR LAPAROSCOPIC SURGERY, ESPECIALLY FOR RESIDENTS <u>Hiroshi Kawahira, MD</u><sup>2</sup>, Naoyuki Hanari, MD<sup>1</sup>, Hisashi Gunji, MD<sup>1</sup>, Hideki Hayashi, MD<sup>2</sup>, Hisahiro Matsubara<sup>1</sup>; <sup>2</sup>Frontier Medical Engineering, Chiba University, <sup>1</sup>Frontier Surgery, Chiba University

P154 COMPARISON OF LEARNING CURVES ON THE FLS AND THE VIRTUAL BASIC LAPAROSCOPIC SKILL TRAINER (VBLAST): PATTERN

**CUTTING AND LIGATING LOOP TASKS** <u>Ali M Linsk, MD</u><sup>1</sup>, Emily E Diller, BS<sup>2</sup>, Kimberley R Monden, PhD<sup>3</sup>, Ganesh Sankaranarayanan, PhD<sup>3</sup>, Woojin Ahn, PhD<sup>4</sup>, Christopher S Awtrey, MD<sup>5</sup>, Suvranu De, ScD<sup>4</sup>, Daniel B Jones, MD<sup>5</sup>, Steven D Schwaitzberg, MD<sup>6</sup>, Scott K Epstein, MD<sup>7</sup>, Jesse M Rideout, MD, MPH<sup>7</sup>, Caroline GL Cao, PhD<sup>2</sup>; <sup>1</sup>Beth Israel Deaconess Medical Center, Cambridge Health Alliance, <sup>2</sup>Wright State University, <sup>3</sup>Baylor University Medical Center at Dallas, <sup>4</sup>Rensselaer Polytechnic Institute, <sup>5</sup>Beth Israel Deaconess Medical Center, <sup>6</sup>University at Buffalo School of Medicine and Biomedical Sciences, <sup>7</sup>Tufts University School of Medicine

- P155 A NOVEL HIATAL HERNIA AND FUNDOPLICATION SIMULATOR RESULTS IN SIGNIFICANT TRAINEE SKILLS IMPROVEMENT Tomokazu Kishiki, Brittany Lapin, JoAnn Carbray, Michael B Ujiki; NorthShore University HealthSystem Grainger Center for Simulation and Innovation
- P156 SURGICAL SKILLS LAB IMPROVEMENT PROJECT: A CHEAP, SIMPLE, EFFECTIVE PLACE TO START Jawad T Ali, MD<sup>1</sup>, Brent Ford<sup>2</sup>, John Uecker, MD<sup>1</sup>; <sup>1</sup>University of Texas at Austin, <sup>2</sup>University of Texas Medical Branch
- P157 TWITTER USE AT SAGES ANNUAL MEETINGS 2010-2015 Andrew <u>S Wright, MD</u><sup>1</sup>, Alejandro Rodriguez-Garcia, MD<sup>1</sup>, Jason C Levine<sup>2</sup>, Heather L Evans, MD<sup>1</sup>; <sup>1</sup>University of Washington, <sup>2</sup>Society for American Gastroenterologist and Endoscopic Surgeons
- P158 FROM THE OPERATIVE FIELD TO THE FILM ROOM: SURGEONS ENCOURAGED BY VIDEO REVIEW AND EXPERT COACHING Todd A Jaffe, BBA, Steven J Hasday, BS, Meghan C Knol, MS, Jason C Pradarelli, MS, Justin B Dimick, MD, MPH; University of Michigan
- P159 THE EFFECT OF E-LEARNING VS DIDACTIC LECTURES ON KNOWLEDGE IN BASIC LAPAROSCOPIC SKILLS AND ADVANCED SUTURING IN DEVELOPING COUNTRIES Sujith Wijerathne<sup>1</sup>, Eva Lourdes<sup>1</sup>, Alfred A Buenafe<sup>2</sup>, Asim Shabbir<sup>1</sup>, Rishav Shrestha<sup>1</sup>, Davide Lomanto, Prof<sup>1</sup>; <sup>1</sup>Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore, <sup>2</sup>Batangas Medical Centre, Philippines
- P160 PERCEPTION VERSUS REALITY FOR MIS FELLOWS: A SURVEY OF CURRENT FELLOWSHIP COUNCIL TRAINEES Jeffrey R Watkins, MD<sup>1</sup>, Aurora D Pryor, MD<sup>2</sup>, Frances Lewis<sup>1</sup>, Michael S Truitt, MD<sup>1</sup>, D Rohan Jeyarajah, MD<sup>1</sup>; <sup>1</sup>Methodist Dallas Medical Center, <sup>2</sup>Division of Bariatric, Foregut and Advanced Gastrointestinal Surgery, Stony Brook University
- P161 RESIDENT ATTITUDES TOWARD ROBOTIC SURGERY ACROSS SURGICAL SPECIALTIES <u>Abdul Q Alarhayem, MD</u>, Michelle Savu, MD, Udit Jain, MS; UTHSCSA
- P162 LONG TERM FOLLOWUP OF A VALIDATED ROBOTIC SURGERY TRAINING PROGRAM Sam E Kirkendall, MD, Aimee K Gardner, PhD, Robert V Rege, MD; University of Texas Southwestern Medical Center
- P163 PROFICIENCY-BASED SIMULATION TRAINING FOR FLS AND FES: A DEDICATED TWO-WEEK SIMULATION CURRICULUM FOR JUNIOR SURGERY RESIDENTS Yangseon Park, MD, Amy Cha, MD, FACS, Gary Korus, MD, FACS, <u>Christopher Neylan, BA</u>, Jon Morris, MD, FACS, Daniel Dempsey, MD, FACS, Noel Williams, MB, BCh, MCh, FRCSI, FRCS, Kristoffel Dumon, MD, FACS; Perelman School of Medicine University of Pennsylvania
- P164 3D-PRINTED LAPAROSCOPIC AND ROBOTIC SURGICAL SIMULATION AND NAVIGATION SYSTEM USING BIO-ELASTIC WET HEMORRHAGIC ORGAN REPLICA <u>Maki Sugimoto, MD, PhD</u>; Kobe University
- P165 USE OF A FORMATIVE FEEDBACK TOOL IN PLACE OF AN EXPERT COACH IN LAPAROSCOPIC SUTURING TRAINING: A RANDOMISED NON-INFERIORITY TRIAL <u>Amani G Munshi, MD<sup>1</sup></u>, Yusuke Watanabe, MD<sup>1</sup>, Katherine McKendy, MD<sup>1</sup>, Yoichi M Ito, PhD<sup>2</sup>, Gerald M Fried, MD, FRCSC, FACS<sup>1</sup>, Melina C Vassiliou, MD, MEd, FRCSC<sup>1</sup>, Liane S Feldman, MD, FRCSC, FACS<sup>1</sup>; <sup>1</sup>McGill University Health Center, <sup>2</sup>Department of Biostatistics, Hokkaido University Graduate School of Medicine

- P166 THE IMPACT OF STRUCTURED INTENSIVE LAPAROSCOPIC TRAINING COURSE ON RESIDENTS OPERATIVE PERFORMANCE IN ANIMAL LAB Iman Ghaderi, MD, MSc<sup>1</sup>, Tung Tran, MD<sup>2</sup>, Julia Samame, MD<sup>1</sup>, Hany Takla, MD<sup>1</sup>, Rose Ibrahim, MD<sup>1</sup>, Hannah Loebl, BA<sup>1</sup>, Carlos Galvani, MD<sup>1</sup>; <sup>1</sup>University of Arizona, <sup>2</sup>MedStar Health
- P167 A DATA-BASED SELF-TRAINING GUIDELINE FOR LAPAROSCOPIC SURGICAL SKILLS ACCORDING TO THE OPERATIVE EXPERIENCES Morimasa Tomikawa, MD, PhD, FACS<sup>1</sup>, Munenori Uemura, PhD<sup>1</sup>, Tomohiko Akahoshi, MD, PhD<sup>1</sup>, Kazuo Tanoue, MD, PhD, FACS<sup>2</sup>, Makoto Hashizume, MD, PhD, FACS<sup>1</sup>; <sup>1</sup>Kyushu Univeristy, <sup>2</sup>Ueno Hospital
- P168 SINGLE-INCISION LAPAROSCOPIC APPENDECTOMY AS A TEACHING PROCEDURE: A SINGLE-CENTER EXPERIENCE WITH MORE THAN 200 PROCEDURES Masaki Wakasugi, Mitsuyoshi Tei, Toru Masuzawa, Kenta Furukawa, Yozo Suzuki, Kentaro Kishi, Masahiro Tanemura, Hiroki Akamatsu; Osaka Police Hospital
- P169 LAPAROSCOPIC TRAINING LEADS TO ACQUISITION OF SOPHISTICATED TECHNICAL SKILLS SUPERFLUOUS FOR THE ROBOTIC ENVIRONMENT: RESULTS OF A RANDOMIZED TRIAL ON VIRTUAL REALITY SIMULATION PLATFORMS. Sergio E Alonso Araujo, MD, PhD<sup>1</sup>, Alexandre B Bertoncini, MD<sup>1</sup>, Lucas A Horcel<sup>1</sup>, Victor E Seid, MD, PhD<sup>1</sup>, Sergio C Nahas, Md, PhD<sup>1</sup>, Ivan Cecconello, MD, PhD<sup>1</sup>, Conor P Delaney, MD, PhD<sup>2</sup>, Luiz Augusto C D'Albuquerque, MD, PhD<sup>3</sup>; <sup>1</sup>Department of Gastroenterology, Division of Colon and Rectal Surgery, University of Sao Paulo Medical School, Sao Paulo, Brazil, <sup>2</sup>Department of Surgery, Case Western Reserve University School of Medicine, <sup>3</sup>Department of Gastroenterology, Discipline of Organ Transplantating of the Digestive Tract, University of Sao Paulo medical School, Sao Paulo, brazil
- P170 COULD RESIDENT SURGEONS SAFELY PERFORM LAPAROSCOPIC CHOLECYSTECTOMY FOR ACUTE CHOLECYSTITIS? Masahiro Iseki<sup>1</sup>, Atsushi Kouyama<sup>1</sup>, Takeshi Naitoh<sup>2</sup>, Daisuke Takeyama<sup>1</sup>, Akefumi Sato<sup>1</sup>, Izuru Minemura<sup>1</sup>, Shigeru Ottomo<sup>1</sup>, Masato Oohara<sup>1</sup>, Kazuaki Hatsugai<sup>1</sup>, Hirofumi Ichikawa<sup>1</sup>, Iwao Kaneda<sup>1</sup>; <sup>1</sup>Department of Surgery, Japanese Red Cross Ishinomaki Hospital, <sup>2</sup>Department of Surgery, Tohoku University Graduate School of Medicine
- P171 COMPARISON OF DIFFERENT SIMULATOR TRAINING METHODS IN LAPAROSCOPIC COLORECTAL SURGERY: A SYSTEMATIC REVIEW Khoshe A Faraj, Anna Donen, Bijendra Patel; Barts and the London school of Medicine and Dentistry
- P172 USEFULNESS OF TELEMENTORING SYSTEM TO DEVELOP LAPAROSCOPIC SURGERY IN RURAL HOSPITAL <u>Satoru Imura</u><sup>1</sup>, Takuya Tokunaga, MD<sup>1</sup>, Masayuki Sumitomo<sup>1</sup>, Shinichiro Yamada<sup>2</sup>, Chie Takasu<sup>2</sup>, Yu Saito<sup>2</sup>, Jun Higashijima<sup>2</sup>, Kozo Yoshikawa<sup>2</sup>, Tetsuya Ikemoto<sup>2</sup>, Yuji Morine<sup>2</sup>, Mitsuo Shimada<sup>2</sup>; <sup>1</sup>Department of Minimum invasive and Telesurgery, Tokushima University Hospital, <sup>2</sup>Department of Surgery, Tokushima University
- P173 SUGGESTION OF NOVEL MEASUREMENT METHODOLOGY FOR PERFORMANCE EVALUATION OF MEDICAL EQUIPMENT <u>Munenori</u> <u>Uemura, PhD</u><sup>1</sup>, Makoto Yamashita<sup>1</sup>, Morimasa Tomikawa, MD, PhD, FACS<sup>1</sup>, Satoshi Obata, MD<sup>1</sup>, Takahiro Jimbo, MD<sup>1</sup>, Noriyuki Matsuoka<sup>2</sup>, Makoto Hashizume, MD, PhD, FACS<sup>1</sup>, Yoichi Nakanishi, MD, PhD<sup>1</sup>; <sup>1</sup>Kyushu University, <sup>2</sup>Kyoto Kagaku Co., Ltd
- P174 COMPARISON OF THE LEARNING CURVES OF A SUTURING DEVICE AND STANDARD LAPAROSCOPY Steven Leeds, MD<sup>2</sup>, Lizzy Wooley, BBA, EMT<sup>1</sup>, Ganesh Sankaranarayanan, PhD<sup>1</sup>, James Fleshman, MD, FACS, FACRS<sup>2</sup>, Sanket Chauhan, MD<sup>1</sup>; <sup>2</sup>Baylor University Medical Center, <sup>1</sup>Center for Evidence Based Simulation, Baylor Scott and White Health
- P175 CHARACTERISTICS OF LEARNING CURVE IN MINIMALLY-INVASIVE ILEAL POUCH ANAL ANASTOMOSIS IN A SINGLE INSTITUTION Ahmet Rencuzogullari, MD, Luca Stocchi, MD, Meagan Costedio, MD, Emre Gorgun, MD, Hermann Kessler, MD, Feza H. Remzi, MD; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic

#### P176 Withdrawn

- P177 VALIDATION OF THE NOVEL INVERTED PEG TRANSFER (IPT) TASK: ADVANCING BEYOND REGULAR PEG TRANSFER (RPT) TASK FOR SURGICAL SIMULATION-BASED ASSESSMENT AND TRAINING Amro M Abdelrahman, MD, Denny Yu, PhD, Bethany R Lowndes, EeeLN H Buckarma, MD, Becca L Gas, David R Farley, MD, M. Susan Hallbeck, PhD, Juliane Bingener-Casey, MD; Mayo clinic
- P178 ANALYSIS OF MEDICAL ACCIDENTS IN LAPAROSCOPIC SURGERY BY THE PM-SHELL MODEL: A FEASIBILITY STUDY Kazuhiko Shinohara, MD, PhD; Tokyo University of Technology
- P179 ARE PRACTICING SURGEONS USING THE MOST EFFECTIVE TRAINING METHODS WHEN LEARNING NEW PROCEDURES AND TECHNOLOGIES? <u>Steven J Hasday, BS</u>, Todd A Jaffe, BBA, Meghan C Knol, MS, Jason C Pradarelli, MS, Justin B Dimick, MD, MPH; University of Michigan Medical School
- P180 SAFETY AND EFFECTIVENESS OF TELEMENTORING IN SURGERY: A SYSTEMATIC REVIEW Elif Bilgic<sup>1</sup>, Sena Turkdogan<sup>1</sup>, Amin Madani<sup>1</sup>, Yusuke Watanabe<sup>2</sup>, Tara Landry<sup>3</sup>, Melina C Vassiliou<sup>1</sup>; <sup>1</sup>Steinberg-Bernstein Centre for Minimally Invasive Surgery, McGill University Health Centre, <sup>2</sup>Hokkaido University Graduate School of Medicine, <sup>3</sup>Montreal General Hospital Medical Library, McGill University Health Centre
- P181 DESIGN OF AN INEXPENSIVE PHYSICAL ENDOSCOPIC SIMULATOR TO FACILITATE TEACHING THE FUNDAMENTALS OF ENDOSCOPIC SURGERY SKILLS <u>Neil King</u>, MD, Anastasia Kunac, MD, FACS, Gregory J Gallina, MD, FASCRS, Erik Johnsen, BS, Aziz Merchant, MD, FACS; Rutgers- The State University of New Jersey (All Campuses)
- P182 ANXIOUS ABOUT SURGICAL RESIDENCY PERFORMANCE? ARE YOU AND YOUR HANDS READY? <u>EeeLN H Buckarma, MD</u>, Denny Yu, PhD, Becca Gas, MS, David Farley, MD, Susan Hallbeck, PhD; Mayo Clinic
- P183 A WINDOW INTO THE MIND: PRELIMINARY STEPS TOWARDS THE DEVELOPMENT OF A HERNIA MANAGEMENT ASSESSMENT TOOL FOR SURGEONS Mohammed AlRowais, MD, Amin Madani, MD, Yusuke Watanabe, MD, PhD, Mohammed Al Mahroos, MD, FRCSC, Elif Bilgic, Melina Vassiliou, MD, MEd, FRCSC, FACS; Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Canada
- P184 Withdrawn
- P185 INTRAOPERATIVE MANAGEMENT OF MIRIZZI SYNDROME WITH CHOLECYSTOHEPATICODOCHAL FISTULA: A CASE REPORT. Christopher F McNicoll, MD, MPH, MS<sup>1</sup>, Raffi A Kotoyan, MD<sup>1</sup>, Lindsay M Wenger, MD<sup>1</sup>, Cory G Richardson, MD<sup>1</sup>, Charles R St. Hill, MD, MSc, FACS<sup>1</sup>, Matthew S Johnson, MD<sup>2</sup>, Nathan I Ozobia, MD, FACS<sup>3</sup>; <sup>1</sup>Department of Surgery, University of Nevada School of Medicine, <sup>2</sup>Desert Surgical Associates, Las Vegas, Nevada, <sup>3</sup>University Medical Center of Southern Nevada
- P186 ULTRASOUND IS NOT A RELIABLE MODALITY FOR DIAGNOSING CHOLECYSTOSIS <u>Sharique Nazir, MD</u><sup>1</sup>, Alex Bulanov, MS, DO<sup>2</sup>, Anastasiya Nelyubina, BS<sup>3</sup>, Ishtiaque Aziz, BS<sup>3</sup>, Jordan K Magruder, BS<sup>3</sup>; <sup>1</sup>NYU Lutheran Medical Center, <sup>2</sup>NYIT College of Osteopathic Medicine, <sup>3</sup>St. George's University
- P187 LAPAROSCOPIC CHOLECYSTECTOMY FOR ACUTE ABDOMEN DUE TO TORSION OF GALLBLADDER SUCCESSFULLY DIAGNOSED PREOPERATIVELY – A SINGLE CENTER EXPERIENCE Hidejiro Urakami, MD, PhD, Hiroto Kikuchi, MD, Yuichi Nishihara, MD, Yoshiki Kawaguchi, MD, Jo Tokuyama, MD, PhD, Koji Osumi, MD, Shiko Seki, MD, PhD, Atsushi Shimada, MD, Takashi Oishi, MD, PhD, Yo Isobe, MD, PhD, Sumio Matsumoto, MD, PhD; National Hospital Organization Tokyo Medical Center

- P188 ACUTE CALCULAR CHOLECYSTITIS IN DIABETIC PATIENTS: A TEN-YEAR EXPERIENCE IN A TERTIARY CENTER Abdel Rahman Abdel Aal, Consultant, Gaby Jabbour, Resident, Wanis Ibrahim, Consultant, Ibnouf Suleiman, Fellow, Zia Aftab, Consultant, Ayman Ahmed, Consultant, Mahmood Al-Dhaheri, Resident, Musab Murad, Resident; Hamad Medical Corporation
- P189 LAPAROSCOPIC VERSUS OPEN RADICAL TOTAL GASTRECTOMY WITH PANCREAS- AND SPLEEN-PRESERVING SPLENIC HILUM LYMPH NODES DISSECTION FOR PROXIMAL ADVANCED GASTRIC CANCER Wei Wang, Wen Jun Xiong, Dechang Diao, Yansheng Zheng, Lijie Luo, Jin Wan; Guangdong Province Hospital of Chinese Medicine, the Second Affiliated Hospital of Guangzhou University of Chinese Medicine
- P190 THE ALVARADO SCORE FOR APPENDICITIS NOT AS SENSITIVE AS PREVIOUSLY INDICATED - A RETROSPECTIVE REVIEW Isaac Payne, DO, Daniel Freno, MD, Jon Simmons, MD, Sidney B, MPH, MD; University of South Alabama Medical Center
- P191 MANAGEMENT OF DISTAL ESOPHAGEAL INJURY IN PENETRATING POLYTRAUMA Farah Karipineni, MD, MPH, Lawrence Cetrulo, MD, Jay Strain, MD, FACS, Mark Kaplan, MD, FACS, Pak Leung, MD, FACS; Albert Einstein Healthcare Network
- P192 ACUTE LAPAROSCOPIC MANAGEMENT OF THORACOABDOMINAL GUNSHOT WOUND Siddarth Kudav, MD, Roger de la Torre, MD, Jacob A Quick; University of Missouri - Columbia
- P193 LAPAROSCOPIC CIRCULAR STAPLING ESOPHAGOJEJUNOSTOMY FOLLOWING TOTAL GASTRECTOMY: A SIMPLE AND RELIABLE SUTURE-TIED-ANVIL DIRECT INSERTION TECHNIQUE Wei Wang, Wenjun Xiong, MD, Jin Wan, Yansheng Zheng, Lijie Luo, Dechang Diao, Liaonan Zou; Guangdong Province Hospital of Chinese Medicine
- P194 PROSPECTIVE FDA FEASIBILITY TRIAL OF LAPAROSCOPICALLY PLACED TEMPORARY DIAPHRAGM PACING ELECTRODES: A NEW **REVERSIBLE THERAPY TO TREAT RESPIRATORY FAILURE** Raymond Onders, MD, MaryJo Elmo, Cindy Kaplan, Ajita S Prabhu, MD, Jeffrey M Hardacre, MD; University Hospitals Case Medical Center
- P195 COMPARISON OF CLINICAL OUTCOME AND PROGNOSIS IN PATIENTS WITH GASTROESOPHAGEAL JUNCTION ADENOCARCINOMA BY TRANSTHORACIC AND TRANSABDOMINAL HIATAL APPROACHES: A SINGLE CHINESE TEACHING HOSPITAL RETROSPECTIVE COHORT STUDY Shougen Cao, Yanbing Zhou, Jinzhe Zhou; Affiliated Hospital of Qingdao University
- P196 LAPAROSCOPIC EXPERIENCE IN NON-TRAUMATIC ABDOMINAL EMERGENCY Adrian Cotirlet, MD, PhD<sup>1</sup>, Marius Nedelcu, MD<sup>2</sup>, Laura Gavril<sup>3</sup>; <sup>1</sup>Moinesti Emergency Hospital, <sup>2</sup>Nouvel Hospital Civil, IRCAD, Strasbourg, <sup>3</sup>lasi University Hospital
- **P197 A COMPREHENSIVE ANALYSIS OF ENTERO-CUTANEOUS** FISTULAS Suresh Khanna Natarajan, MD, Darwin P, MD; Stanley Medical College & Hospital
- **P198 OPTIC NERVE SHEATH ULTRASOUND FOR BEDSIDE DIAGNOSIS OF INTRACRANIAL HYPERTENSION IN THE ICU: A SINGLE INSTITUTION EXPERIENCE** Lisandro Montorfano, MD, Federico Perez Quirante, MD, Alejandro Cracco, MD, Hira Ahmad, MD, Rajmohan Rammohan, MD, Nisha Dhanabalsamy, MD, Alex Ordonez, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul J Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida
- P199 LAPAROSCOPIC NISSEN FUNDOPLICATION USING A LEFT POSTERIOR APPROACH MINIMIZES ESOPHAGEAL INJURY: OUR EXPERIENCE Alicia J Mangram, MD, Francisco Rodriguez, MD, Olakunle F Oguntodu, James K Dzandu; Honor Health John C Lincoln North Mountain Hospital
- **P200 NEGLIGENCE TO NIGHTMARE: GOSSYPIBOMA CASE REPORTS** Dr Sreejoy Patnaik, MS; SHANTI MEMORIAL HOSPITAL PVT.LTD
- P201 ABDOMINAL TUBERCULOSIS MIMICKING ACUTE ABDOMEN: THE ROLE OF LAPAROSCOPY Ernesto Miranda-Cervantes, MD, Jorge Carmona-Cantu, MD, Mauricio Castano-Equia, MD, Aurora Guillen-Graf, Ulises Caballero-DelaPena, MD, Berenice Medina-Ortiz; Chistus Muguerza Hospital Alta Especialidad / UDEM

- P202 LAPAROSCOPIC MANAGEMENT OF DUODENAL PERFORATION AbdulAzeez Karam, MD<sup>1</sup>, Nourah Alshargawi, MD<sup>2</sup>, Salman Alsabah. MD, FRCS, FACS<sup>2</sup>, Khaled Alsharaf, MD, FRCS<sup>1</sup>, Ibtesam Albader, MD, FRCS<sup>1</sup>, Mohammad H Jamal, MD, MEd, FRCS, FACS, FASMBS<sup>3</sup>; <sup>1</sup>Mubarak Hospital, <sup>2</sup>Al-Ameeri Hospital, <sup>3</sup>Kuwait University Department of Surgery
- P203 COMPARISON OF LAPAROSCOPIC AND OPEN APPENDECTOMY: 5-YEAR SINGLE CENTER EXPERIENCE Ali Fuat Kaan Gok<sup>1</sup>, Yigit Soytas<sup>1</sup>, Sercan Yuksel<sup>1</sup>, Muhammed Ucuncu<sup>2</sup>, Mehmet Ilhan<sup>1</sup>, Hakan Yanar<sup>1</sup> Kayihan Gunay<sup>1</sup>, Cemalettin Ertekin<sup>1</sup>; <sup>1</sup>General Surgery, Istanbul Medical Faculty, Istanbul, Turkey, <sup>2</sup>Arnavutkoy State Hospital
- P204 UNUSUAL PRESENTATION OF OMENTAL SARCOMA Hany M Fahmy, MBBChFRCSIFACS, Fadi M Jallad, Raafat Bawadi; Royal **Commission Medical Center**
- P205 GLOVE-FINGER EXTRACTION TECHNIQUE FOR LAPAROSCOPIC APPENDECTOMY: HIGH-QUALITY COST-CONSCIOUS SURGERY Sharique Nazir, MD<sup>1</sup>, Alex Bulanov, MS, DO<sup>2</sup>, Meghedy Shanazarian, BS<sup>3</sup>, Jordan K Magruder, BS<sup>3</sup>; <sup>1</sup>NYU Lutheran Medical Center, <sup>2</sup>NYIT College of Osteopathic Medicine, <sup>3</sup>St. George's University
- **P206 MULTIVARIATE LOGISTIC REGRESSION ANALYSIS** OF POSTOPERATIVE COMPLICATIONS AND RISK MODEL ESTABLISHMENT OF GASTRECTOMY FOR GASTRIC CANCER: A SINGLE CENTER COHORT REPORT Shougen Cao, Hao Wang, Yanbing Zhou; Affiliated Hospital of Qingdao University
- **P207 THERAPEUTIC STRATEGY FOR THE SUPER-ELDERLY WITH ACUTE CHOLECYSTITIS – A SINGLE CENTER EXPERIENCE FOR TEN YEARS** Takeshi Yanagita, MD, Ken Hayashi, MD, PhD, Shigetoshi Yamada, MD, Nobuyasu Kano, MD, PhD, FACS, Hiroshi Kusanagi, MD, PhD; Kameda Medical Center
- **P208 BOWEL PERFORATION AFTER POSTERIOR SPINAL INSTRUMENTATION: A RARE COMPLICATION.** Ernesto Miranda-Cervantes, MD, Luis Molina-Estavillo, MD, Ulises Caballero-DelaPena, MD, Mauricio Castano-Equia, MD, Aurora Guillen-Graf, Marco Juarez-Parra, MD, Berenice Medina-Ortiz; Christus Muguerza Hospital Alta Especialidad / UDEM
- **P209 ACUTE PRESENTATION OF INFECTED URACHAL CYST IN** CHILDREN: THE ROLE OF LAPAROSCOPY Ernesto Miranda-Cervantes, MD, Francisco C Sanchez-Garcia, MD, Mauricio Castano-Eguia, MD, Marco Juarez-Parra, MD, Aurora Guillen-Graf, Ulises Caballero-DelaPena, MD, Berenice Medina-Ortiz; Christus Muguerza Hospital Alta Especialidad / UDEM
- P210 GENERAL SURGERY EDUCATION IN LATIN AMERICA: THE **RESIDENTS' PERSPECTIVE. INITIAL EXPERIENCE IN COLOMBIA AND** PANAMA Juan C Correa, MD<sup>1</sup>, Maryam Elmi, MD<sup>1</sup>, Alvaro E Sanabria, PhD, MD<sup>2</sup>, Carlos H Morales, MD, MsC<sup>3</sup>, Moises Cukier<sup>4</sup>, Frances C Wright, MEd, MD<sup>1</sup>, Jaime M Escallon<sup>1</sup>, Oscar Henao<sup>1</sup>; <sup>1</sup>University of Toronto, <sup>2</sup>Hospital Pablo Tobon Uribe, <sup>3</sup>Universidad de Antioquia, <sup>4</sup>National Cancer Institute, Panama
- P211 HUGE RETRORECTAL CYSTIC TERATOMA MIMICKING **MENENGITIS. A CASE REPORT.** Osman Nuri Dilek<sup>1</sup>, Ahmet Hakan Halici<sup>2</sup>, Turan Acar<sup>2</sup>, Emine Ozlem Gur<sup>1</sup>, Oguzhan Ozsay<sup>2</sup>, Fulya Cakalagaoglu<sup>2</sup>, Sedat Altay<sup>2</sup>, Mehmet Haciyanli<sup>1</sup>; <sup>1</sup>Izmir Katip Celebi University, School of Medicine, <sup>2</sup>Ataturk Research and Education Hospital
- P212 EMERGENT REVERSAL OF GASTRIC BYPASS DUE TO SEVERE GI HEMORRHAGE FROM MARGINAL ULCER ERODING INTO RIGHT GASTROEPIPLOIC ARTERY Nicholas Mouw, MD, Reid Adam, MD, John Mellinger, MD; Southern Illinois University
- P213 CHANGES IN MORPHOLOGICAL CONDITION OF SMALL **INTESTINE IN RATS AFTER 50% DISTAL RESECTION OF SMALL** BOWEL AND AFTER CORRECTION GLP-1 AND GLP-2 PEPTIDES. Ivan V Fedoriv, MD, Natalia V Sopchuk, MD, Volodymir F Knygnytskyy, MD, Yuriy I Popovych, PhD; Department of human anatomy, operative surgery and topographic anatomy IFNMU, Ivano-Frankivsk, Ukraine

P214 LAPAROSCOPIC SURGERY OF SYMPTOMATIC URACHAL REMNANTS Takahiro Mizukawa, Norimasa Koide, Takao Kunou, Katsushi Yoshida, Shigemi Onoue, Kenji Katou; Inazawa municipal hospital

- P215 TRAUMATIC ABDOMINAL WALL HERNIA: A CASE STUDY OF BLUNT MOTORCYCLE TRAUMA Alisan Fathalizadeh, MD, MPH, Lawrence N Cetrulo, MD, Simran Randhava, MD, Parkson Leung, MD, MSc; Albert Einstein Medical Center
- P216 IMPACT OF MINILAPAROSCOPIC VERSUS CONVENTIONAL LAPAROSCOPIC CHOLECYSTECTOMY ON RECOVERY OF PHYSICAL ACTIVITY: A RANDOMIZED TRIAL Mohsen Alhashemi, MD, MSc, Mohammed Al Mahroos, MD, FRCSC, Pepa Kaneva, MSc, Amy Neville, MD, MSc, FRCS, Melina C Vassliou, MD, MED, FRCSC, FACS, Fried M Gerald, MD, FRCSC, FACS, Liane S Feldman, MD, FRCSC, FACS; Steinberg-Bernstein centre of Minimally Invasive Surgery and Innovation, Mcgill University Health Centre
- P217 EMERGENCY SURGICAL MANAGEMENT OF MALIGNAT LARGE BOWEL OBSTRUCTION Ahmedou Moulaye DRISS, MD; Faculty of Medicine of Nouakchott
- P218 PRIMARY CARE PHYSICIAN AND CARE OF BARIATRIC SURGICAL PATIENTS SURVEY Gadbois Kyle, MD, FACS, <u>Hwang Stephanie, MD</u>, Takata Mark, MD, FACS, Fujioka Ken, MD, Fuller William, MD, FACS; Scripps Clinic Medical Group
- P219 VARIABILITY IN MANAGEMENT OF ACUTE CALCULOUS CHOLECYSTITIS: AN INSTITUTIONAL SURVEY Philippe Paci, MD, Pepa Kaneva, MSc, Julio F. Fiore Jr, PhD, Melina C. Vassiliou, MD, MEd, Liane S. Feldman, MD; Steinberg-Bernstein Centre for Minimally Invasive Surgery, McGill University Health Centre, McGill University
- P220 OUTCOMES OF 1,159 APPENDECTOMIES PERFORMED OVER 3 YEARS AT A SINGLE-INSTITUTION, SAFETY-NET HOSPITAL Ryan Dumas, MD, Madhu Subramanian, MD, Stephen Luk, MD, Michael W Cripps, MD; University of Texas Southwestern Medical Center at Dallas
- P221 LAPAROSCOPIC APPENDECTOMY: RISK FACTORS OF POSTOPERATIVE INTRAABDOMINAL ABSCESS <u>Francisco</u> <u>Schlottmann</u>, Romina Reino, Martin Galvarini, Jose Alvarez Gallesio, Rudolf Buxhoeveden, Ezequiel Sadava, Nicolas Rotholtz; Hospital Aleman of Buenos Aires
- P222 EFFICACY OF LAPAROSCOPIC ANTI-REFLUX SURGERY FOR NON-EROSIVE GASTROESOPHAGEAL REFLUX DISEASE ASSESSED BY COMBINED MULTICHANNEL INTRALUMINAL IMPEDANCE-PH MONITORING Fumiaki Yano, Nobuo Omura, Kazuto Tsuboi, Masato Hoshino, Se Ryung Yamamoto, Shunsuke Akimoto, Takahiro Masuda, Koji Nakada, Katsunori Nishikawa, Norio Mitsumori, Hideyuki Kashiwagi, Katsuhiko Yanaga; Department of Surgery, The Jikei University School of Medicine
- P223 LAPAROSCOPY IN TRAUMA: ANALYSIS OF PUBLICATION HISTORY AND STUDY DEMOGRAPHICS FROM 1925 TO 2015 Nova Szoka, MD<sup>1</sup>, Lauren Coleman<sup>2</sup>, Gareth Gilna<sup>2</sup>, Dana Portenier, MD<sup>1</sup>, Edward Auyang, MD, MS<sup>2</sup>; <sup>1</sup>Duke University, <sup>2</sup>University of New Mexico
- P224 IMPACT OF THE SURGICAL SAFETY CHECKLIST ON POSTOPERATIVE CLINICAL OUTCOMES IN GASTROINTESTINAL TUMOR PATIENTS Yanbing Zhou, Hao Wang; Affiliated Hospital of Qingdao University
- P225 CURRENT TRENDS IN THE PRACTICE OF ENDOSCOPY AMONG SURGEONS IN THE UNITED STATES Joshua Tierney, MD, Rebeccah Baucom, MD, MPH, Michael Holzman, MD, Benjamin Poulose, MD, MPH, Richard Pierce, MD, PhD; Vanderbilt University Medical Center
- P226 NON-FLUOROSCOPIC PURELY ENDOSCOPIC STENT PLACEMENT FOR UPPER GI PATHOLOGY: A SAFE, COST EFFECTIVE PRACTICE. Matthew J Lyon, Dr<sup>1</sup>, Paul Mousa, Dr<sup>2</sup>, Abheiney Jain, Dr<sup>3</sup>, Bimal Sood, Dr<sup>4</sup>, Kamal Heer, MD<sup>5</sup>, Harish Kumar, MD<sup>1</sup>; <sup>1</sup>University Of Queensland, <sup>2</sup>Prince Charles Hospital, <sup>3</sup>Royal Free Hospital London, <sup>4</sup>Toowoomba Hospital, <sup>5</sup>Monash University
- P227 THE ROLE OF FLEXIBLE ENDOSCOPY IN REDUCING ANASTOMOTIC LEAK IN COLORECTAL ANASTMOSIS Ahmad Othman, MD, Angel Morales-Gonzalez, MD, John Mistrot, Stacey Milan, MD, FACS; TTUHSC at El Paso

- P228 EFFICACY OF ENDOSCOPIC MANAGEMENT OF LEAK AFTER FOREGUT SURGERY WITH ENDOSCOPIC SELF-EXPANDING COVERED METAL STENT Amir H Aryaie, MD, Jordan Singer, BS, Mojtaba Fayezizadeh, MD, Jeffrey Marks, MD; University Hospitals Case Medical Center
- P229 ENDOSCOPIC SPHINCTEROTOMY WITH BILE DUCT STONE EXTRACTION: SAFETY, EFFICACY AND OUTCOME IN AN OUTPATIENT UNIT Michael Vitale, MD; Digeclinic, Guatemala City, Guatemala
- P230 EARLY DIAGNOSTIC COLONOSCOPY IN COMPLICATED SIGMOID DIVERTICULITIS: FEASIBILITY AND RISKS – A PROSPECTIVE STUDY Marty Zdichavsky, MD<sup>1</sup>, Dietmar Stuker, MD<sup>1</sup>, Dorte Wichmann, MD<sup>1</sup>, Jessica Lange, MD<sup>1</sup>, Martin Goetz, MD<sup>2</sup>, Alfred Konigsrainer, MD<sup>1</sup>, Thomas Kratt, MD<sup>1</sup>; <sup>1</sup>Department of General, Visceral and Transplant Surgery, University Hospital Tubingen, <sup>2</sup>Department of Gastroenterology, Hepatology and Infectious Diseases

P231 ENDOSCOPIC MANAGEMENT OF ACUTE VISCERAL PERFORATION Kayla J Smith, MD, Brian Lane, MD; Georgia Regents University

- P232 EVALUATION OF DIAGNOSTIC PERFORMANCE AND VISIBILITY IN THE ENHANCEMENT PROCESSING OF THE ENDOSCOPIC IMAGE Ito Takumi<sup>1</sup>, Hiroshi Kawahira<sup>2</sup>, Toshiya Nakaguchi<sup>2</sup>, Zenbutsu Satoki<sup>2</sup>, Nakashima Hirotaka<sup>3</sup>, Masahito Inoue<sup>4</sup>, Youichi Miyake<sup>2</sup>; <sup>1</sup>Department of Medical System, Division of Artificial Systems Science, Graduate School of Engineering, Chiba Univesity, <sup>2</sup>Center for Frontier Medical Engineering, Chiba University, <sup>3</sup>Foundation for Detection of Early Gastric carcinoma, <sup>4</sup>Department of Endoscopic Diagnostics and Therapeutics, Chiba University Hospital
- P233 THE EFFECTS OF OCCUPYING THE WORKING CHANNEL ON ENDOSCOPIC MANIPULATION Conor O'Shea, MEng<sup>1</sup>, Khan Kashif Ali<sup>2</sup>, Josef Tugwell, MEng<sup>1</sup>, Marcus P Kennedy, MD<sup>2</sup>, Padraig J Cantillon-Murphy<sup>1</sup>; <sup>1</sup>University College Cork, <sup>2</sup>Cork University Hospital
- P234 HOW MANY ANNUAL COLONOSCOPIES ARE REQUIRED TO MAINTAIN COMPETENCE FOR SURGEONS? David Pace, MD, Mark Borgaonkar, MD, Brad Evans, MD, Curtis Marcoux, Felicia Pickard, Vanessa Falk, Jerry McGrath, Darrell Boone, Chris Smith; Memorial University
- P235 MANAGEMENT OF CHOLEDOCHOLITHIASIS WITH LAPAROSCOPIC SURGERY AND ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY IN PREGNANCY: A CASE SERIES Christopher F McNicoll, MD, MPH, MS<sup>1</sup>, Cory G Richardson, MD<sup>1</sup>, Lindsay M Wenger, MD<sup>1</sup>, Matthew S Johnson, MD<sup>2</sup>, Charles R St. Hill, MD, MSc, FACS<sup>1</sup>, Nathan I Ozobia, MD, FACS<sup>3</sup>; <sup>1</sup>Department of Surgery, University of Nevada School of Medicine, <sup>2</sup>Desert Surgical Associates, Las Vegas, Nevada, <sup>3</sup>University Medical Center of Southern Nevada
- P236 TREATMENT OF BILIARY DISEASE WITH TRANSGASTRIC ERCP AFTER ROUX-EN-Y GASTRIC BYPASS Mohammad Farukhi, MD, Benjamin Clapp, MD, Brian Davis, MD, Jennifer George, MD; Texas Tech School of Medicine
- P237 MINIMALLY-INVASIVE CREATION OF DURABLE JEJUNO-ILEAL SIDE-TO-SIDE ANASTOMOSIS USING SELF-ASSEMBLING MAGNETS Marvin Ryou, MD, Hiroyuki Aihara, MD, PhD, Christopher C Thompson, MD, MHES; Brigham & Women's Hospital
- P238 SALVAGE ENDOSCOPY UTILIZING COVERED SELF EXPANDING METAL STENTS (CSEMS) IN COMPLICATED DUODENAL LEAKS Caolan M Walsh, MD, Ryan P Kelly, BMSc, MD, James Ellsmere, BSc, MSc, MD; Dalhousie
- P239 PERIAMPULLARY DUODENAL DIVERTICULA (PDD). DOES IT REALLY MATTER FOR SUCCESSFUL ERCP. Jan M Krzak, MD<sup>1</sup>, Jonas S Jensen, MD<sup>1</sup>, Poul B Thorsen, MD, PhD<sup>1</sup>, Ada M Krzak<sup>2</sup>, Lars Stig Jorgensen<sup>1</sup>; <sup>1</sup>Lillebaelt Hospital, Kolding, Denmark, <sup>2</sup>University of Cambridge
- P240 FULLY COVERED ESOPHAGEAL STENTS: ENDOSCOPIC SALVAGE FROM A SURGICAL PERSPECTIVE Ryan P Kelly, BMSc, MD, Caolan Walsh, MD, James Ellsmere, BSc, MSc, MD; Dalhousie University

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- P241 THE ROLE OF ENDOSCOPIC TREATMENTS IN EARLY AND LATE ANASTOMOTIC COMPLICATIONS AFTER GASTRIC SURGERY: A SYSTEMATIC REVIEW Maryam Namazova, MSc; Queen Mary University of London, Barts and The London School of Medicine and Dentistry
- P242 ELECTROMAGNETIC NAVIGATIONAL BRONCHOSCOPY-GUIDED DIAGNOSIS OF LEFT UPPER LOBE SPICULATED LUNG NODULE AFTER PRIOR RIGHT UPPER LOBECTOMY FOR NON-SMALL CELL LUNG CANCER. Eric M Toloza, MD, PhD<sup>1</sup>, Lila B Cohen, MD<sup>2</sup>, Joseph R Garrett, ARNPC, MPH<sup>1</sup>, Carla C Moodie, PAC<sup>1</sup>, John N Greene, MD<sup>1</sup>; <sup>1</sup>Moffitt Cancer Center, <sup>2</sup>University of South Florida Morsani College of Medicine
- P243 EVOLUTION OF ENDOSCOPIC TREATMENT OF SLEEVE GASTRECTOMY LEAKS: FROM PARTIALLY COVERED TO LONG FULLY COVERED STENTS Fabio Garofalo, MD, Maxime Noreau-Nguyen, MD, Henri Atlas, MD, Ronald Denis, MD, Pierre Garneau, MD, Radu Pescarus, MD; Hopital Sacre-Coeur de Montreal
- P244 A COMBINED RESCUE ENDOSCOPIC CLIP AND SEMS TECHNIQUE FOR DIFFICULT UPPER GASTROINTESTINAL LEAKS <u>Stylianos Tzedakis</u>, Marius Nedelcu, Antonio Durso, Didier Mutter, Bernard Dallemagne, Silvana Perretta; Nouvel Hopital Civil
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- P246 QUALITY CONTROL AND CREDENTIALING GUIDELINES IN COLONOSCOPY: IS THE ENDOSCOPIST SUCCESS RATE OF CAECAL INTUBATION THE ONLY FACTOR ? Ahmed Hammad, <u>Milda</u> Jancauskaite, Haitham Aboudeep, Arjit Mukherjee; Hairmyres Hospital NHS Lanarkshire
- P247 UNIDIRECTIONAL BARBED SUTURES AS A NOVEL TECHNIQUE FOR LAPAROSCOPIC HIATAL HERNIA REPAIR Federico Perez Quirante, MD, Lisandro Montorfano, MD, Nisha Dhanabalsamy, MD, Rajmohan Rammohan, MD, Alex Ordonez, MD, Abraham Abdemur, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, <u>Raul J Rosenthal, MD, FACS, FASMBS</u>; Cleveland Clinic Florida
- P248 LES-COMPLEX MORPHOLOGY AND DISTAL ESOPHAGEAL REFLUX INSIGHTS GAINED USING HRM <u>Shunsuke Akimoto</u>, Saurabh Singhal, Sumeet K Mittal; Creighton University Medical Center
- P249 TRANSEPITHELIAL BRUSH BIOPSY WITH COMPUTER-ASSISTED ANALYSIS DETECTS INTESTINAL METAPLASIA AND DYSPLASIA MISSED BY FORCEPS BIOPSY FOLLOWING ABLATION OF BARRETT'S ESOPHAGUS Jeffrey A Hagen, MD<sup>1</sup>, Vivek Kaul, MD<sup>2</sup>, Michael S Smith, MD, MBA<sup>3</sup>; <sup>1</sup>University of Southern California, <sup>2</sup>University of Rochester School of Medicine, <sup>3</sup>Temple University School orf Medicine
- P250 EARLY EXPERIENCE WITH SLEEVE GASTRECTOMY FOR SEVERE GASTROPARESIS <u>Shaun C Daly, MD</u>, Mahtab Sohrevardi, MD, Jonathan A Myers, MD, Minh B Luu; Rush University Medical Center
- P251 LINEAR OR HEMI-DOUBLE STAPLING TECHNIQUE ESOPHAGOJEJUNOSTOMY AFTER LAPAROSCOPIC TOTAL GASTRECTOMY Bandar Ali, MD, Kyo Young Song, PhD, Jin Won Lee, MD, Cho Park, PhD; Seoul St. Mary's hospital, The catholic university of Korea
- P252 PATIENT SATISFACTION AND SYMPTOM SCORES OVER TIME AFTER REDO-FUNDOPLICATION <u>Shunsuke Akimoto</u>, Saurabh Singhal, Sumeet K Mittal; Creighton University Medical Center
- P253 ABDOMINAL COCOON: A RARE CAUSE OF INTESTINAL OBSTRUCTION. <u>Asem Ghasoup, MD, FACS</u>, Ishaq Mudawi, MD, Ayman Al Tahan, MD, Mohammed Widinly, MD, MRCS; Security Forces Hospital Makkah
- P254 INTRATHORACIC OMENTAL HERNIATION AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY AND HIATAL HERNIA REPAIR Ashish Padnani, <u>MD</u><sup>1</sup>, James McGinty, MD<sup>1</sup>, Darshak Shah<sup>2</sup>; <sup>1</sup>Mount Sinai St. Luke's, <sup>2</sup>Mount Sinai Hospital

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Praveen N Tungenwar, MS, Amol N Wagh, MS, Saurabh S Gandhi, MS, Chintan B Patel, MS; Grant Government Medical College & Sir J.J.Group of Hospitals

- P256 OMENTAL-FLAP BUTTRESSING DECREASES ANASTOMOTIC LEAKS IN HYBRID MINIAMLLY-INVASIVE IVOR-LEWIS ESOPHAGECTOMY Siripong Cheewatanakornkul, MD; UCSF
- P257 PARTIAL FUNDOPLICATION RESULTS IN EXCELLENT OUTCOMES AFTER LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR Ryan D Horsley, DO, Jarrod M Buzalewski, DO, Matthew E Plank, PAC, Jon D Gabrielsen, MD, David M Parker, MD, Anthony T Petrick, MD; Geisinger Medical Center
- P258 LAPAROSCOPY HELLER MIOTOMY AND PARTIAL FUNDOPLICATION IS INSUFFICIENT IN PATIENT WITH TERMINAL ACALASIA. THREE FIELDS LAPAROSCOPIC ESOFAGECTOMY FOR FINAL MANAGEMENT. EXPERIENCE IV LEVEL CENTER IN COLOMBIA Eveleyn Dorado, MD; FUNDACION VALLE DEL LILI
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- P260 EARLY REOPERATION AND READMISSION AFTER FOREGUT SURGERY FOR PEH AND GERD Daniel Boyett, MD, Daniela Molena, MD, Miloslawa Stem, MS, Anne O Lidor, MD, MPH; Johns Hopkins
- P261 POST-NISSEN DYSPHAGIA AND BLOATING SYNDROME: OUTCOMES AFTER CONVERSION TO TOUPET FUNDOPLICATION. Katrin Schwameis, MD, Joerg Zehetner, MD, Steven R DeMeester, MD, Nikolai Bildzukewicz, MD, Daniel Oh, MD, Geoffrey Ro, Ross Katherine, Kulmeet K Sandhu, MD, Namir Katkhouda, MD, Jeffrey A Hagen, MD, John C Lipham, MD; Keck hospital, USC
- P262 LAPAROSCOPIC INTRAGASTRIC RESECTION OF GASTRIC SUBMUCOSAL TUMOR USING THE COMBINATION OF LAPAROSCOPY AND ORAL ENDOSCOPY Nobumi Tagaya, PhD, Yuhei Hakozaki, MD, Natsuki Yamaguchi, MD, Mayuka Shimada, MD, Mariko Oya, MD, Yoshikiyo Matsunaga, MD, Teppei Tatsuoka, MD, Yawara Kubota, Kosuke Hirano, MD, Asami Suzuki, MD, Kazuyuki Saito, MD, Takashi Okuyama, PhD, Yoshitake Sugamata, PhD, Masatoshi Oya, PhD; Department of Surgery, Dokkyo Medical University Koshigaya Hospital
- P263 LAPAROSCOPIC SUBTOTAL Y ROUX GASTRECTOMY FOR MANAGEMENT OF REFRACTARY GASTROPARESIS. EXPERIENCE IV LEVEL CLINIC IN COLOMBIA. Evelyn Dorado, DR; FUNDACION VALLE DEL LILI
- P264 EFFECTS OF A NEW TRACTION METHOD FOR THE UPPER ESOPHAGUS ON MEDIASTINAL LYMPH NODE DISSECTION FOR ESOPHAGEAL CANCER DURING THORACOSCOPIC ESOPHAGECTOMY IN A PRONE POSITION Soji Ozawa, MD, PhD, FACS, Junya Oguma, MD, PhD, Akihito Kazuno, MD, Yasushi Yamasaki, MD, Yamato Ninomiya, MD; Department of Gastroenterological Surgery, Tokai University School of Medicine
- P265 THERMAL ENTEROGRAPHY DETECTS ESOPHAGEAL INJURY IN EX-VIVO MODEL <u>R Gregory Conway, MD</u><sup>1</sup>, Benjamin Baker<sup>2</sup>, Jonathan P Pearl, MD<sup>2</sup>; <sup>1</sup>University of Maryland Medical System, <sup>2</sup>University of Maryland School of Medicine
- P266 GASTRIC SUBMUCOSAL TUMOR SUCCESSFULLY TREATED BY REDUCED PORT SURGERY: REPORT OF TWO CASES Kazuto Tsuboi, MD<sup>1</sup>, Yuya Nyumura, MD<sup>1</sup>, Masashi Tsunematsu, MD<sup>1</sup>, Yasuhiro Takeda, MD<sup>1</sup>, Yu Kumagai, MD<sup>1</sup>, Hiroaki Kitamura, MD<sup>1</sup>, Takayuki Dotai, MD<sup>1</sup>, Kazuhisa Yoshimoto, MD<sup>1</sup>, Tetsuya Kajimoto, MD<sup>1</sup>, Fumiaki Yano, MD, FACS<sup>2</sup>, Nobuo Omura, MD<sup>3</sup>, Hideyuki Kashiwagi, MD<sup>1</sup>, Katsuhiko Yanaga, MD, FACS<sup>2</sup>; <sup>1</sup>Fuji City General Hospital, <sup>2</sup>The Jikei University School of Medicine, <sup>3</sup>Nishisaitama-Chuo National Hospital

- P267 MANAGEMENT OF CHYLOTHORAX AFTER MINIMALLY INVASIVE ESOPHAGECTOMY: DESCRIPTION OF CASE SERIES Stylianos Tzedakis, Silvana Perretta, Marius Nedelcu, Didier Mutter, Emanuele Boatta, Bernard Dallemagne; Nouvel Hopital Civil
- P268 MULTIMODAL APPROACH TO EARLY ESOPHAGEAL CANCER Juan M Riganti, Md, Franco F Ciotola, Md, Mauricio G Ramirez, Md, Cecilia Zubieta, Md, Adolfo Badaloni, Md, Fabio Nachman, Md, <u>Alejandro</u> <u>Nieponice, Md, PhD</u>; Esophageal Institute, Favaloro University Hospital
- P269 LAPAROSCOPIC NISSEN FUNDOPLICATION VERSUS MAGNETIC GASTROESOPHAGEAL SPHINCTER AUGMENTATION: COMPARISON OF PATIENT REPORTED OUTCOMES AND COSTS Boris Zevin, MD, PhD, Jeffrey W Hazey, MD, Kyle A Perry, MD; The Ohio State University
- P270 STUDY OF THE USEFULNESS OF A NOVEL GAUZE-ROLLED LIVER RETRACTOR IN LAPAROSCOPIC SURGERY Nobuyuki Sakurazawa, MD<sup>1</sup>, Masao Miyashita, MD<sup>1</sup>, Sigeki Yokomuro, MD<sup>1</sup>, Satoshi Matsumoto, MD<sup>1</sup>, Akihisa Matsuda, MD<sup>1</sup>, Kazuya Yamahatsu, MD<sup>1</sup>, Junichiro Harada, Dr<sup>1</sup>, Tomohiko Yasuda, Dr<sup>1</sup>, Eiji Uchida, MD<sup>2</sup>; <sup>1</sup>Nippon Medical School Chiba Hokusou Hospital, <sup>2</sup>Nippon Medical School Hospital
- P271 ENDOFLIP CORRELATES WITH POSTOPERATIVE DYSPHAGIA AND REFLUX AFTER FUNDOPLICATION Yalini Vigneswaran, MD<sup>1</sup>, Matthew Gitelis<sup>2</sup>, Lava Patel, MD<sup>2</sup>, Brittany Lapin, MPH<sup>2</sup>, Joann Carbray<sup>2</sup>, Michael B Ujiki, MD<sup>2</sup>; <sup>1</sup>University of Chicago, <sup>2</sup>NorthShore University HealthSystem
- P272 LAPAROSCOPIC AND OPEN DUODENOJEJUNOSTOMY FOR SMA SYNDROME: A SINGLE-INSTITUTION CASE SERIES <u>B Padilla-Jones</u>, N Sutherland, MD, Ed Auyang, MD; University of New Mexico
- P273 GASTRIC OUTLET OBSTRUCTION AND SECONDARY SMALL BOWEL OBSTRUCTION SECONDARY TO...MIGRATING TUMOR??? Ariel Shuchleib, MD, Omar Bellorin, MD, Saurabh Sharma, MD, Litong Du; New York Presbyterian Queens
- P274 GASTRIC SCHWANNOMA A RARE CAUSE OF DYSPEPSIA <u>Shadi</u> <u>Al-Bahri, MD</u><sup>1</sup>, Esther Cha, MD<sup>2</sup>, Patrick Domkowski, MD, PhD, FACS<sup>3</sup>, Jason Radecke, MD, FACS, FAMBS<sup>3</sup>; <sup>1</sup>University of South Florida, <sup>2</sup>MedStar Union Memorial Hospital, <sup>3</sup>Riverside Surgical and Weight Loss Center
- P275 POST-OPERATIVE OUTCOMES OF PARTIAL ANTERIOR FUNDOPLICATION AND POSTERIOR PARTIAL FUNDOPLICATION FOLLOWING HELLER MYOTOMY FOR ACHALASIA Asia Filatov, PhD<sup>1</sup>, Anastasia Postoev, BA<sup>1</sup>, Jane Chung, BA<sup>2</sup>, Ladoris Latin, BA<sup>1</sup>, Angel Farinas, MD<sup>2</sup>, Angelina Postoev, MD<sup>2</sup>, Christian Cruz, MD<sup>2</sup>, Christopher Ibikunle, MD<sup>2</sup>, Aliu Sanni, MD<sup>2</sup>; <sup>1</sup>Department of Surgery, Caribbean Medical University, Chicago IL, <sup>2</sup>2Department of Surgery, UGA/GRU Partnership, Athens, GA
- P276 RISK FACTORS OF THE RECURRENCE AFTER LAPAROSCOPIC GASTRECTOMY FOR GASTRIC CANCER. <u>Hideya Kashihara</u>, Mitsuo Shimada, Kozo Yoshikawa, Jun Higashijima, Toshihiro Nakao, Masaaki Nishi, Chie Takasu; The department of surgery, the university of Tokushima
- P277 MANAGEMENT OF PEG TUBE SITE EROSION WITH NEGATIVE PRESSURE WOUND THERAPY Tuong Nguyen, MD, <u>Samudra Sanyal</u>, Efrain Aguilar, Jay Strain, Pak Leung, Mark Kaplan; Einstein medical center
- P278 THE EFFECT OF IMMUNOSUPPRESSIVE MEDICATIONS ON EARLY OUTCOMES IN BARIATRIC SURGERY Chetan V Aher, MD, Matthew D Spann, MD, Ronald H Clements, MD, Wayne J English, MD, D Brandon Williams, MD; Vanderbilt University Medical Center
- P279 WHO ARE THE PPI NON-RESPONDERS? <u>Paul D Colavita, MD</u><sup>1</sup>, Christy M Dunst, MD<sup>1</sup>, Maria A Cassera, BS<sup>1</sup>, Kristin W Beard, MD<sup>1</sup>, Ahmed M Sharata, MD<sup>1</sup>, Radu Pescarus, MD<sup>2</sup>, Kevin M Reavis, MD<sup>1</sup>, Valerie J Halpin, MD<sup>3</sup>, Lee L Swanstrom, MD<sup>1</sup>; <sup>1</sup>Gastrointestinal and Minimally Invasive Surgery Division, The Oregon Clinic, <sup>2</sup>Department of General Surgery, Hopital Sacre-Coeur, Montreal, QC, <sup>3</sup>Legacy Weight and Diabetes Institute, Portland, OR

P280 THE EFFECTING FACTORS ON THE POSTOPERATIVE MORBIDITY IN THE PATIENTS WHO WERE PERFORMED GASTRIC OR COLORECTAL RESECTION BECAUSE OF GASTROINTESTINAL CANCER. DOES PREOPERATIVE NUTRITIONAL STATUS AFFECT TO POSTOPERATIVE

**MORBIDITY?** Emine O Gur, <u>Osman N Dilek</u>, Oguzhan Ozsay, Turan Acar, Kemal Atahan, Erdinc Kamer, Haldun Kar, Mehmet Haciyanli; Katip Celebi Univercity Ataturk Research and Educational Hospital General Surgery Department

- P281 BARIATRIC SURGERY IN THE SUPER-SUPER OBESE: OUTCOMES OF WEIGHT LOSS AND EFFECTS ON MEDICAL CO-MORBIDITIES Maureen V Hill, MD<sup>1</sup>, Ian C Bostock, MD, MS<sup>1</sup>, Sarah E Billmeier, MD, MPH<sup>1</sup>, Escar Kusema<sup>2</sup>, Maureen Quigley, APRN<sup>1</sup>, Gina L Adrales, MD, MPH, FACS<sup>1</sup>; <sup>1</sup>Dartmouth Hitchcock Medical Center, <sup>2</sup>Dartmouth Geisel School of Medicine
- P282 A RETROSPECTIVE STUDY OF ESOPHAGECTOMY OUTCOMES: AN INSTITUTIONAL REVIEW Vernon Horst, MD<sup>1</sup>, Hetal Patel, MD<sup>1</sup>, John G Touliatos, MD, FACS<sup>2</sup>; <sup>1</sup>Baptist Health System, <sup>2</sup>Advanced Surgeons, PC
- P283 ENDOSCOPIC, LAPAROSCOPIC AND OPEN SURGICAL TREATMENT MODALITIES OF GASTRIC GASTROINTESTINAL STROMAL TUMORS Adem Akcakaya, Prof<sup>1</sup>, <u>Kemal Dolay, Prof<sup>1</sup></u>, Mustafa Hasbahceci, MD<sup>1</sup>, F.Betul Akcakaya, Ms<sup>2</sup>, Ibrahim Aydogdu, MD<sup>2</sup>; <sup>1</sup>Bezmialem Vakif University Medical Faculty Department of Surgery, <sup>2</sup>Bezmialem Vakif University Medical Faculty
- P284 THE ADVANTAGES OF IMATINIB FOR THE SURGICAL TREATMENT OF GASTROINTESTINAL STROMAL TUMOUR OF THE ESOPHAGUS <u>Ali</u> <u>Kagan Coskun, MD</u>; GATA Dept. of Surgery
- P285 ESOPHAGEAL ADENOCARCINOMA STAGE III: SURVIVAL BASED ON PATHOLOGICAL RESPONSE TO NEOADJUVANT TREATMENT. Katrin Schwameis, MD, Zehetner Joerg, MD, Jeffrey A Hagen, MD, Daniel Oh, MD, Stephanie Worrell, MD, Kais Rona, MD, Nathan Cheng, Kyle Green, Jamil Samaan, Steven R DeMeester, MD, John C Lipham, MD; Keck hospital, USC
- P286 PULMONARY ABSCESS AS A RARE COMPLICATION OF GASTROESOPHAGEAL REFLUX DISEASE Robert J Blue, DO, Jason Kempenich, MD; Keesler Medical Center
- P287 LAPAROSCOPIC PARAESOPHAGEAL HIATAL HERNIA REPAIR WITH BIO-A MESH. SHORT-TERM RESULTS. Agustin Duro, MD, Demetrio Cavadas, MD, PhD, Axel F Beskow, MD, Fernando G Wright, MD, Santiago Lenzi, MD, Juan R Medici, MD, Pablo J Castellaro, MD; Hospital Italiano de Buenos Aires
- P288 COMPARISON OF EARLY EXPERIENCE AND LEARNING CURVES ASSOCIATED WITH MINIMALLY INVASIVE HIATUS HERNIA REPAIR Paul Del Prado, MD<sup>1</sup>, Rachit D Shah, MD<sup>2</sup>, Gretchen Aquilina, DO<sup>1</sup>, Guilherme M Campos, MD, PhD<sup>1</sup>, James G Bittner IV, MD<sup>1</sup>; <sup>2</sup>Virginia Commonwealth University, Medical College of Virginia, Department of Surgery, Division of Cardiothoracic Surgery, Richmond, Virginia, <sup>1</sup>Virginia Commonwealth University, Medical College of Virginia, Department of Surgery, Division of Bariatric and Gastrointestinal Surgery, Richmond, Virginia
- P289 ATRIAL ESOPHAGEAL FISTULA SECONDARY TO ABLATION FOR ATRIAL FIBRILLATION: A CASE SERIES AND REVIEW OF THE LITERATURE Lily K Fatula, BS<sup>1</sup>, William D Bolton, MD<sup>2</sup>, Barry R Davis, MD<sup>2</sup>, James E Stephenson, MD<sup>2</sup>, Sharon Ben-Or, MD<sup>1</sup>; <sup>1</sup>University of South Caroline School of Medicine Greenville, <sup>2</sup>Department of Surgery, Greenville Health System
- P290 INCIDENCE OF DIAPHRAGMATIC (PARAGASTRIC) HERNIAS FOLLOWING TRANSTHORACIC ESOPHAGECTOMY: COMPARISON OF OPEN, MIS, AND HYBRID APPROACHES IN 115 PATIENTS Brian Biggerstaff, MD, Steven Cheung, MD, Bertellotti Carrie, APRN, Sumeet Mittal, MBBS; Creighton University Department of Surgery
- P291 SPONTANEOUS PERFORATION OF JEJUNAL GASTROINTESTINAL STROMAL TUMOUR (GIST):RARE PRESENTATION OF THE RARE TUMOR IN A RURAL HOSPITAL. CASE REPORT AND REVIEW OF LITERATURE. Sharvani Kanakraddi, Ajit Kanakraddi; Venkatesh Hospital

P292 THE VALUE OF LARYNGOPHARYNGEAL PH-METRY (RESTECH©) IN PATIENTS WITH GERD AND EXTRAESOPHAGEAL SYMPTOMS

Hans F Fuchs, MD<sup>1</sup>, Henner M Schmidt, MD<sup>2</sup>, Sebastian Brinkmann, MD<sup>1</sup>, Wolfgang Schroder, MD<sup>1</sup>, Christian A Gutschow, MD<sup>2</sup>, Arnulf H Holscher, MD<sup>1</sup>, Jessica M Leers, MD<sup>1</sup>; <sup>1</sup>Department of Surgery, University of Cologne, Germany, <sup>2</sup>Department of Surgery, University Hospital Zurich, Switzerland

- P293 REPAIR OF SYMPTOMATIC PARAESOPHAGEAL HERNIAS IN ELDERLY (>70 YEARS) PATIENTS RESULTS IN SUSTAINED QUALITY OF LIFE AT 5 OR MORE YEARS <u>Oleg V Merzlikin, MD</u>, Brian E Louie, MD, Alexander S Farivar, MD, Dale Shultz, Ralph W Aye, MD; Swedish Medical Center
- P294 INTRACORPOREAL ESOPHAGOJEJUNOSTOMY USING THE HEMI-DOUBLE STAPLING TECHNIQUE (HDST) AFTER LAPAROSCOPIC TOTAL GASTRECTOMY IN GASTRIC CANCER PATIENTS Bandar Ali, MD; The catholic university of Korea, Seoul St.Mary's hospital
- P295 PATIENT CENTERED OUTCOMES OVER TIME AFTER REDO-RNY FOR FAILED FUNDOPLICATION <u>Shunsuke Akimoto</u>, Saurabh Singhal, Sumeet K Mittal; Creighton University Medical Center
- P296 IMPACT OF POEM ON HIGH-RESOLUTION MOTILITY FINDINGS IN PATIENTS WITH TYPE II AND III ACHALASIA Katrin Schwameis, MD, Stephanie Worrell, MD, Steven R DeMeester, MD; Keck Hospital, USC
- P297 IVOR- LEWIS ESOPHAGECTOMY WITH CIRCULAR STAPLED ANASTOMOSIS (EEA): SINGLE CENTRE EXPERIENCE Saurabh Singhal, MBBS, MS, Aparna Kailasam, Shunsuke Akimoto, MD, Carrie Bertellotti, RN, Sumeet K Mittal, MBBS; Creighton University
- P298 STUDY ON POSTOPERATIVE DYSPHAGIA FOLLOWING GASTROESOPHAGEAL FUNDOPLICATION AND RESPONSE TO ENDOSCOPIC DILATION Ambar Banerjee, MD, Taylor Coleman, BS, Daniel McKenna, MD, Jennifer Choi, MD, Don Selzer, MD; Department of Surgery, Indiana University School of Medicine, Indianapolis, IN
- P299 LAPAROSCOPIC GASTROPLASTY AND DOR FUNDOPLICATION FOR GASTRIC SLEEVE STENOSIS WITH A PROXIMAL DILATED SLEEVE. Luciano Poggi, MD<sup>1</sup>, Daniel Pita, MD<sup>2</sup>, Luis Poggi, MD<sup>2</sup>; <sup>1</sup>Oklahoma University Health Science Center, <sup>2</sup>Clinica Anglo Americana
- P300 LAPAROSCOPIC GASTRIC EXCLUSION WITH SMALL BOWEL DIVERSION AS PRIMARY TREATMENT FOR COMPLICATED GERD Cory. Richardson, MD, Shawn Roberts, MD, FACS, Timothy LeMieur, MD, FACS, Howard McCollister, MD, FACS, Paul Severson, MD, FACS; Minnesota Institute for Minimally Invasive Surgery
- P301 SEARCHING FOR A SUITABLE APPROACH FOR LAPAROSCOPIC INGUINAL HERNIA REPAIR: INICIAL EXPERIENCE Ezequiel Sadava, Martin Galvarini, <u>Rudolf Von Buxhoeveden</u>, Belen Castro Fuentes, Romina Reino, Florencia Ocariz, Francisco Schlottmann; Hospital Aleman of Buenos Aires
- P302 QUANTITATIVE MEASURES OF VISCERAL ADIPOSITY AND EARLY POSTOPERATIVE COMPLICATIONS FOLLOWING COMPLEX ABDOMINAL WALL RECONSTRUCTIONS. Joshua S Winder, MD, Alexander J Shope, BS, Salvatore Docimo, Jr., DO, Eric M Pauli, MD; Penn State Milton S Hershey Medical Center
- P303 HOW MANY CASES DO YOU NEED TO ACHIEVE COMPETENCE AND PROFICIENCY IN TOTAL EXTRAPERITONEAL GROIN HERNIA REPAIR? Hesham M Souka, MD, FRCS, MBBCh; Amina Hospital, Ajman, UAE
- P304 LAPAROSCOPIC ASSISTED RECTI DIASTASIS APPROXIMATION (LARDA), EXPERIENCE AND OUTCOME OF A NOVEL TECHNIQUE Eva Lourdes, <u>Sujith Wijerathne</u>, Jesse Hu, Wee Boon Tan, Davide Lomanto, Prof; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore

P305 A NEW INTRAOPERATIVE LAPAROSCOPIC EXAMINATION FOR DETECTING INAPPARENT CONTRALATERAL HERNIA DURING OPEN

INGUINAL HERNIA REPAIR <u>Hideto Oishi, MD, PhD</u>, Toshihiko Mori, MD, Mimi Okano, MD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takayuki lino, MD, Hidekazu Kuramochi, MD, PhD, Shunsuke Onizawa, MD, PhD, Eiichi Hirai, MD, PhD, Mie Hamano, MD, PhD, Satoshi Katagiri, MD, PhD, Tsutomu Nakamura, MD, PhD, Tatsuo Araida, MD, PhD; Division of Gastroenterological Surgery, Department of Surgery, Yachiyo Medical Center, Tokyo Women's Medical University

- P306 SURGEON PERFORMED RECTUS BLOCKS REDUCE SAME DAY ADMISSION RATES AFTER LAPAROSCOPIC VENTRAL HERNIA REPAIRS, A CASE SERIES OF 52 PATIENTS. <u>Matthew Kasulke, MD</u>, David Ryan, MD, Ibrahim Daoud, MD; St. Francis Hospital
- P307 FIXATION TACKS ADD SIGNIFICANT WEIGHT TO HERNIA REPAIR Thomas Cook, Karl A LeBlanc, MD, MBA; Our Lady of the Lake Regional Medical Center
- P308 MINILAPAROSCOPIC INGUINAL HERNIA REPAIR (M-TAPP) WITH 5MM LAPAROSCOPE AND 2MM GRASPER: AN ALTERNATIVE TO TRADITIONAL TAPP Atsushi Urakami, MD, Munenori Takaoka, MD, Jiro Hayashi, MD, Kaori Shigemitsu, MD, Kazuhiro Yoshida, MD, Yoshio Naomoto, MD; Department of General Surgery, Kawasaki Medical School
- P309 A HYBRID TECHNIQUE FOR VENTRAL HERNIA REPAIR: OPEN FASCIAL CLOSURE WITH LAPAROSCOPIC ASSISTED MESH PLACEMENT Vadim Meytes, DO, Aaron Lee, DO, Ryan Pinnell, DO, Yulia Rivelis, Michael Timoney, MD; NYU Lutheran Medical Center
- P310 TUMESCENT ANESTHESIA FOR TOTALLY EXTRAPERITONEAL(TEP) LAPAROSCOPIC INGUINAL HERNIA REPAIR Yoshihide Chino, PhD, Masaki Fujimura, PhD, Isao Sato, PhD, Makoto Mizutani, PhD, Tomotake Tabata, MD, Tomoyuki Tagi, PhD, Shigeyoshi Shimaoka, MD, Shoichi Takayama, PhD, Minoru IIda, PhD; Daiich Towakai Hospital
- P311 TAILORED LAPAROSCOPIC APPROACH IN LARGE INGUINO-SCROTAL HERNIAS: AN INSTITUTIONAL REVIEW Eva Lourdes, Lynette Mee Ann Loo, Rakesh Gupta, Siau Wei Tang, Jesse Hu, Wee Boon Tan, Davide Lomanto, Prof; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore
- P312 FIRST HUMAN EXPERIENCE WITH A HYBRID BIOLOGIC AND SYNTHETIC MESH: ZENAPRO™ HERNIA REPAIR DEVICE FOR VENTRAL HERNIA REPAIR Kevin El-Hayek<sup>1</sup>, Melissa Phillips<sup>2</sup>, Jin Yoo<sup>3</sup>, Eric Pauli<sup>4</sup>, James Bittner<sup>5</sup>, <u>Matthew Kroh<sup>1</sup></u>; <sup>1</sup>Cleveland Clinic, <sup>2</sup>University of Tennessee, <sup>3</sup>Duke University, <sup>4</sup>Pennsylvania State University, <sup>5</sup>Virginia Commonwealth University
- P313 MULTI-MODAL PAIN MANAGEMENT IN A CLINICAL QUALITY IMPROVEMENT PROGRAM FOR LAPAROSCOPIC VENTRAL/ INCISIONAL HERNIA REPAIR Bruce Ramshaw<sup>1</sup>, Jonathan Dean<sup>2</sup>, Andrew Gamenthaler<sup>2</sup>, Michael Fabian<sup>2</sup>; <sup>1</sup>University of Tennessee, Knoxville, <sup>2</sup>Halifax Health
- P314 EARLY OUTCOMES OF SELF-ADHERING VS. CONVENTIONAL POLYESTER MESH IN LAPAROSCOPIC INGUINAL HERNIA REPAIR Shani Belgrave, MD, Andrew S Wright, MD, Zoe E Parr, MD, Hinojosa Marcelo, MD, Giana Davidson, MD; University of Washington

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- P316 IMPACT OF OPIOID USE ON OUTCOMES AFTER LAPAROSCOPIC VENTRAL HERNIA REPAIR <u>Bruce Ramshaw</u><sup>1</sup>, Jonathan Dean<sup>2</sup>, Andrew Gamenthaler<sup>2</sup>, Michael Fabian<sup>2</sup>; <sup>1</sup>University of Tennessee, Knoxville, <sup>2</sup>Halifax Health
- P317 TOTAL EXTRAPERITONEAL REPAIR FOR INGUINAL HERNIA UNDER COMBINED SPINAL EPIDURAL ANAESTHESIA VS GENERAL ANAESTHESIA: A RANDOMISED CONTROL TRIAL <u>Naveen Sharma</u>, Amit K Kundu, Medha Mohta; UCMS Delhi
- P318 TWO CASES OF BROAD LIGAMENT HERNIA OF THE UTERUS SUCCESSFULLY TREATED BY A LAPAROSCOPIC SINGLE-SITE APPROACH <u>Katsuhiro Tomofuji, MD</u>, Shinsuke Kajiwara, MD, Kenzo Okada, MD, Kenji Nedu, MD, Jyota Watanabe, MD, Yoshinori Imai, MD, Naoki Ishida, MD, Yusuke Nakagawa, MD, Tomoyuki Nagaoka, MD, Yusuke Nishi, MD; Uwajima City Hospital

- P319 LAPAROSCOPIC TOTAL EXTRAPERITONEAL (TEP) REPAIR OF INGUINAL HERNIAS USING MANUAL DISSECTION INSTEAD OF A BALLOON DISSECTOR— POTENTIAL COST SAVINGS <u>Simran K</u> <u>Randhawa, MD</u>, Lawrence N Cetrulo, Alisan Fathalizadeh, MD, Pak S Leung, MD, Danielle Bilsland, BSN, Amit R Joshi, MD, FACS; Einstein Healthcare Network
- P320 PROGRESSIVE PREOPERATIVE PNEUMOPERITONEUM COMPLEMENTING CHEMICAL COMPONENT RELAXATION IN COMPLEX VENTRAL HERNIA REPAIR: BENEFITS AND
- **COMPLICATIONS** <u>Kristen E Elstner, MBBS</u><sup>1</sup>, Anita S Jacombs, MBBS, PhD<sup>2</sup>, John W Read, FRANZCR<sup>3</sup>, Michael Edye, FRACS<sup>4</sup>, Nabeel Ibrahim, FRACS<sup>5</sup>; <sup>1</sup>Macquarie University Hospital, Sydney, Australia, <sup>2</sup>Faculty of Medicine & Health Sciences, Macquarie University, Australia, <sup>3</sup>Castlereagh Imaging, St Leonards, Australia, <sup>4</sup>Professor of Surgery and Chair, University of Western Sydney, <sup>5</sup>Hernia Insitutue Australia, Edgecliff, Australia
- P321 LAPAROSCOPIC REPAIR OF LARGE TYPE II AND III HIATAL HERNIA: POTENTIAL UTILITY OF CRURAL REINFORCEMENT WITH A SYNTHETIC ABSORBABLE MESH Emanuele L.G. Asti, Andrea Lovece, Andrea Sironi, Luigi Bonavina; IRCCS Policlinico San Donato
- P322 RISKS OF LAPAROSCOPIC VERSUS ROBOTIC-ASSISTED MESH REMOVAL AFTER INGUINAL HERNIA REPAIR Erfan Zarrinkhoo, BA, Shirin Towfigh, MD; Beverly Hills Hernia Center
- P323 PRELIMINARY ASSESSMENT OF LAPAROSCOPIC TRANSABDOMINAL PRE-PERITONEAL (TAPP) REPAIR OF RECURRENT INGUINAL HERNIA: REVIEW OF 10 CONSECUTIVE CASES Manabu Amiki, Masato Yamazaki, Ryota Sakon, Takahiro Inoue, Shun Sato, Mikihisa Nakayama, Masataka Oneyama, Kazuhiro Narita, Ryo Ota, Manabu Goto; Kawasaki Saiwai Hospital
- P324 EFFICACY OF THE ANTERIOR RECTUS SHEATH HINGE GRAFT FOR UMBILICAL HERNIA REPAIR REINFORCEMENT Francis B Baccay, MD<sup>1</sup>, <u>Melanie Howell, MD<sup>1</sup></u>, Irene J Lo, MD<sup>2</sup>, Jai P Singh, MD<sup>3</sup>; <sup>1</sup>Montefiore Medical Center/Albert Einstein College of Medicine, <sup>2</sup>West Coast Surgical Associates, Inc, <sup>3</sup>SUNY Upstate Medical Center
- P325 COMPARISON OF THE PERIOPERATIVE QOL IN INGUINAL HERNIA SURGERY -BETWEEN LAPAROSCOPIC AND OPEN SURGERY-Masahiro Ishizaki, MD, R Sugimoto, MD, N Iga, MD, R Yoshida, MD, H Ikeda, MD, N Waki, MD, H Kawai, MD, H Nishi, MD, K Yamashita, MD; Okayama Rosai Hospital
- P326 FEASIBILITY AND SAFETY OF SINGLE INCISION TOTALLY EXTRAPERITONEAL INGUINAL HERNIA REPAIR AFTER PREVIOUS OPEN INGUINAL HERNIA REPAIR: A CASE-MACHED ANALYSIS Masaki Wakasugi, Mitsuyoshi Tei, Toru Masuzawa, Kenta Furukawa, Yozo Suzuki, Kentaro Kishi, Masahiro Tanemura, Hiroki Akamatsu; Osaka Police Hospital
- P327 A COMPARATIVE STUDY TO ASSESS THE EFFICACY OF ABSORBABLE VERSUS PERMANENT FIXATION TACKS IN LAPAROSCOPIC VENTRAL HERNIA REPAIR Eva Lourdes, Sujith Wijerathne, Lynette MA Loo, Siau Wei Tang, Davide Lomanto, Prof; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore
- P328 PREDICTING RISK FACTORS LIKELY TO CAUSE EARLY RECURRENCE FOLLOWING LAPAROSCOPIC VENTRAL / INCISIONAL HERNIA REPAIR. <u>Nehemiah Samuel</u>, <u>Mr</u>, Fayyaz A Mazari, Mr, Muhammad H Shiwani, Mr; Barnsley Hospital NHS Foundation Trust
- P329 CLINICAL AND QUALITY OF LIFE ASSESSMENT OF PATIENTS UNDERGOING LAPAROSCOPIC HIATAL HERNIA REPAIR Daniel Borman, Kyle Sunshein, Daniel Davenport, Margaret Plymale, John S Roth; University of Kentucky
- P330 SHORT-TERM OUTCOMES POST LAPAROSCOPIC ABDOMINAL WALL RECONSTRUCTION: A NOVEL APPROACH AND PROSPECTIVE MULTI-INSTITUTIONAL CASE SERIES STUDY Hamid R Zahiri, DQ<sup>1</sup>, Olmos I Holmatova, MD<sup>1</sup>, Heidi Miller, MD<sup>2</sup>, Adrian E Park, MD, FACS<sup>1</sup>, Yuri W Novitsky, MD, FACS<sup>2</sup>, Igor Belyansky, MD, FACS<sup>1</sup>; <sup>1</sup>Anne Arundel Medical Center, <sup>2</sup>University Hospital Case Medical Center

- P331 CLOSURE OF DEFECT DURING LAPAROSCOPIC INCISIONAL HERNIA REPAIR: LONG TERM FOLLOW-UP RESULTS Deborshi Sharma, Prof, Dr; Lady Hardinge and Dr RML Hospital
- P332 A RETROSPECTIVE STUDY TO ASSESS THE EFFICACY OF CONDENSED POLYTETRAFLUOROETHYLENE MESH IN LAPAROSCOPIC VENTRAL HERNIA REPAIR Eva Lourdes, Sujith\_ Wijerathne, Siau Wei Tang, Jesse Hu, Wee Boon Tan, Davide Lomanto, Prof; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore
- P333 SLEEVE GASTRECTOMY WITH HIATAL HERNIA REPAIR FOR RELIEF OF GASTROESOPHAGEAL REFLUX DISEASE: LONG-TERM OUTCOMES Craig G Chang, MD<sup>1</sup>, Lisa Thackeray, MS<sup>2</sup>; <sup>1</sup>Advanced Bariatric Surgical Specialists, <sup>2</sup>NAMSA
- P334 REDUCTIONS IN MIDLINE FASCIAL CLOSURE FORCE AFTER LAPAROSCOPIC AND OPEN TRANSVERSUS ABDOMINIS RELEASE IN A PORCINE MODEL. Joshua S Winder, MD<sup>1</sup>, Jerome R Lyn-Sue, MD<sup>1</sup>, Allen R Kunselman<sup>2</sup>, Eric M Pauli, MD<sup>1</sup>; <sup>1</sup>Department of Surgery, The Pennsylvania State University, College of Medicine, Hershey, PA, <sup>2</sup>Department of Public Health Sciences, The Pennsylvania State University, College of Medicine, Hershey, PA
- P335 A NEW STRATEGY FOR LAPAROSCOPIC REPAIR OF INGUINAL HERNIA DEVELOPPED AFTER ROBOT- ASSISTED LAPAROSCOPIC RADICAL PROSTATECTOMY Toshihiro Ogawa, MD, Hitoshi Idani, MD, FACS, Soichiro Miyake, MD, Hisanobu Miyoshi, MD, Hiroyuki Araki, MD, Kazutaka Takahashi, MD, Toshihiko Fujita, MD, Naoki Mimura, MD, Yasuhiro Komatsu, MD, Kenji Yamaguchi, MD, Hiroaki Inoue, MD, Hiroshi Ota, MD, Yasuo Nagai, MD, Hijiri Matsumoto, MD, Michihiro Ishida, MD, Daisuke Sato, MD, Noriaki Tokumoto, MD, Yasuhiro Choda, MD, Takashi Kanazawa, MD, Masao Harano, MD, Yasutomo Ojima, MD, Hiroyoshi Matsukawa, MD, Shigehiro Shiozaki, MD, Masazumi Okajima, MD, FACS, Motoki Ninomiya, MD; Department of Surgery Hiroshima City Hospital
- P336 IS THE RECURRENCE RATE OF INCISIONAL HERNIA INFLUENCED BY SURGICAL APPROACH? A COMPARATIVE STUDY WITH LONG-TERM FOLLOW-UP Ezequiel Sadava, Martin Galvarini, <u>Rudolf Von</u> <u>Buxhoeveden</u>, Romina Reino, Belen Castro Fuentes, Jose Alvarez Gallesio, Francisco Schlottmann; Hospital Aleman of Buenos Aires
- P337 A COST-COMPARISON OF MESH USAGE IN LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR Amareshewar Chiruvella, MD, Daniel Lomelin, MPH, Dmitry Oleynikov, MD; University of Nebraska Medical Center
- P338 SIMULTANEOUS TEP (TOTALLY EXTRAPERITONEAL APPROACH) FOR INGUINAL HERNIA AND CHOLECYSTECTOMY – A FEASIBLE AND SAFE PROCEDURE Norimasa Koide, Takao Kuno, Takahiro Mizukawa, Kenji Kato; Inazawa Municipal Hospital
- P339 MESH PROSTHETIC SOAKED IN LOCAL ANESTHETIC FOR LAPAROSCOPIC VENTRAL HERNIA REPAIR-- A RETROSPECTIVE REVIEW ON POST-OPERATIVE PAIN CONTROL Simran K Randhawa, MD, Lawrence N Cetrulo, MD, Walter Capote, BA, Tuong C Nguyen, Pak S Leung, MD, Amit R Joshi, MD, FACS; Einstein Healthcare Network
- P340 ENDO-LAPAROSCOPIC INGUINAL HERNIA REPAIR IN FEMALE PATIENTS: BENEFITS AND RESULTS <u>Sujith Wijerathne</u>, Eva Lourdes, Wee Boon Tan, Davide Lomanto, Prof; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore
- P341 ERAS PROTOCOL IMPLEMENTATION IN COMPLEX HERNIA REPAIR RESULTS IN SIGNIFICANT COST REDUCTION Kariuki Murage, MD, Braden Paschall, Paul Szotek, MD; Indiana University Health
- P342 DOES BPH SYMPTOM SCORING CORRELATE WITH DIFFICULTY URINATING AFTER HERNIA SURGERY? Jacob Hebert, MD, Shoichiro A Tanaka, MD, William S Richardson, MD; Ochsner Clinic
- P343 SHORT-TERM RESULTS OF TEN HERNIA DEFECT CLOSURE CASES DURING LAPAROSCOPIC VENTRAL HERNIA REPAIR Kanyu Nakano, <u>MD</u><sup>1</sup>, Hitoshi Idani<sup>2</sup>, Shinya Asami<sup>1</sup>, Hiro Okawa<sup>1</sup>, Masashi Yoshimoto<sup>1</sup>, Atene Ito<sup>1</sup>, Kazuteru Monden<sup>1</sup>, Yohei Kurose<sup>1</sup>, Masayoshi Hioki<sup>1</sup>, Tatsuhiro Ishii<sup>1</sup>, Hiroshi Sadamori<sup>1</sup>, Satoshi Ono<sup>1</sup>, Norihisa Takakura<sup>1</sup>; <sup>1</sup>Fukuyama City Hospital, <sup>2</sup>Hiroshima City Hospital

- P344 SINGLE INCISION LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL MESH HERNIOPLASTY FOR COMPLICATED INGUINAL HERNIA Kazuo Tanoue, MD, PhD, FACS, Hidenobu Okino, MD, PhD, Masamitsu Kanazawa, MD, PhD, Kiichiro Ueno, MD, PhD; Ueno Surgical Hospital
- P345 INCISIONAL/VENTRAL HERNIA REPAIRS IN THE MORBIDLY OBESE: NEW TECHNIQUE FOR AN OLD PROBLEM Francis Baccay, MD<sup>1</sup>, <u>Ki Won Kim, MD<sup>1</sup></u>, Colin Dunn<sup>2</sup>, Jai P Singh<sup>3</sup>, Irene J Lo<sup>4</sup>; <sup>1</sup>Montefiore Medical Center/Albert Einstein College of Medicine, <sup>2</sup>Albert Einstein College of Medicine, <sup>3</sup>SUNY Upstate Medical Center, <sup>4</sup>West Coast Surgical Associates, Inc
- P346 ROLE OF MULTI-DETECTOR COMPUTED TOMOGRAPHY (MDCT) BASED COMPONENT SEPARATION INDEX (CSI) IN MANAGEMENT OF LARGE VENTRAL HERNIAS BY COMPONENT SEPARATION TECHNIQUE Deborshi Sharma, Prof, Vinay Upadhyay, Dr, Romesh Lal, Prof, Dr; Lady Hardinge and Dr RML Hospital
- P347 MANAGEMENT OF CHOLECYSTIS NATIONAL CENTRE NOUAKCOTT- MAURITANIA Ahmedou Moulaye IDRISS; Faculty of Medicine Nouakchott University
- P348 THE COMPARISON OF ONCOLOGIC AND CLINICAL OUTCOMES OF LAPAROSCOPIC AND OPEN LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA Hong-Jin Kim, MDFACS<sup>1</sup>, Dong-Shik Lee, MD<sup>1</sup>, Keun Soo Ahn<sup>2</sup>, Koo Jeong Kang<sup>2</sup>; <sup>1</sup>Department HBP Surgery, Yeungnam University Hospital, <sup>2</sup>Department HBP Surgery, Kei-Myung University Hospital
- P349 LAPAROSCOPIC ASSISTED TRANS-ABDOMINAL ANTEROGRADE PORTAL VEIN CATHETERIZATION. A NOVEL APPROACH TO THE PORTAL VEIN IN A PORCINE MODEL. <u>Pierre Allemann, MD<sup>1</sup></u>, Pierre Bize, MD<sup>2</sup>, Michele Diana, MD<sup>3</sup>, Nicolas Demartines, MD<sup>2</sup>, Jacques Marescaux, MD<sup>3</sup>, Alban Denys, MD<sup>1</sup>; <sup>1</sup>Department of visceral surgery, Lausanne University Hospital (CHUV), Switzerland, <sup>2</sup>Department of interventional radiology, Lausanne University Hospital (CHUV), Switzerland, <sup>3</sup>Institute for image-guided surgery (IHU), Strasbourg, France
- P350 MANAGEMENT OF LARGE PANCREATIC CYSTIC TUMOR DURING LAPAROSCOPIC DISTAL PANCREATECTOMY Hodaka Moriyama, MD, Koji Asai, Manabu Watanabe, Hiroshi Matsukiyo, Tomoaki Saito, Tomotaka Ishii, Ryohei Watanabe, Toshiyuki Enomoto, Natsuya Katada, Yoshihisa Saida, Shinya Kusachi; Toho university Ohashi Medical Center
- P351 "CORRELATION OF FIBROSCAN WITH LIVER BIOPSY IN MALIGNANT BILIARY OBSTRUCTION" Naren K A, MS, Thakur D Yadav, MS, Vikas Gupta, Mch, SGE, Ashim Das, MD, Virendra Singh, MD, Saroj K Sinha, DM; PGIMER Chandigarh
- P352 OPTIMAL MANAGEMENT OF GALL STONE ILEUS. DIAGNOSING BY CT SCAN AND A LIMITED OPERATIVE APPROACH. Emil Bota, MBBCh<sup>1</sup>, <u>Hesham M Souka, MD, FRCS, MBBCh<sup>2</sup></u>; <sup>1</sup>Diana Princess of Wales Hospital, Grimsby, UK, <sup>2</sup>Amina Hospital, Ajman, UAE
- P353 STAGING LAPAROSCOPY IN 111 INTRA-HEPATIC AND HILAR CHOLANGIOCARCINOMA PATIENTS; A TERTIARY U.K. REFERRAL CENTRE EXPERIENCE Nicholas T.E. Bird, Mr, Mohamed Elmasry, Mr, Robert Jones, Mr, Declan Dunne, Michael Kelly, Dr, Johnathan Evans, Mr, Graeme Poston, Professor, Stephen Fenwick, MD, Hassan Malik, MD; University Hospital Aintree
- P354 MINIMALLY INVASIVE CENTRAL HEPATECTOMY FOR GALLBLADDER CANCER IS SAFE AND EFFECTIVE Georgios V Georgakis, MD, PhD, David L Bartlett, MD, Amer H Zureikat, MD, Herbert J Zeh, MD, Melissa E Hogg, MD, MS; University of Pittsburgh Medical Center, Division of Surgical Oncology
- P355 MANAGEMENT OF LAPAROSCOPIC PARTIAL HEPATECTOMY FOR CRANIAL AND DORSAL LESIONS IN OUR DEPARTMENT <u>Sena</u> Iwamura, Satoshi Kaihara, Yukiko Kumada, Shoichi Kitano, Kita Ryosuke, Hideyuki Masui, Hiromitsu Kinoshita, Yusuke Sakamoto, Motoko Mizumoto, Masato Kondo, Junji Komori, Hiroki Hashida, Hiroyuki Kobayashi, Kenji Uryuhara, Ryo Hosotani; Kobe City Medical Center General Hospital

P356 THE RETROPERITONEAL RESECTION MARGIN-AN INDEPENDENT PROGNOSTIC FACTOR IN PERIAMPULLARY CARCINOMA

Mohanasundaram Avudaiappan, MS, Thakur D Yadav, MS, Vikas Gupta, Mch, Ashim Das, MD, Rakesh Kochhar, DM, Saroj K Sinha, DM, Anupam Lal, MD; PGIMER,CHANDIGARH

- P357 PERCUTANEOUS TRANSHEPATIC AND TRANSJEJUNAL RENDEZVOUS PROCEDURE FOR TREATMENT OF COMPLETE DEHISCENCE OF THE BILIOENTERIC ANASTOMOSIS Martin G Rosenthal, MD, Adam Rogers, MD, Travis Edelstein, DO, Abubaker Ali, MD, Ziad T Awad, MD, FACS; University of Florida College of Medicine, Jacksonville
- P358 SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY BY AN ABDOMINAL WALL LIFTING METHOD <u>Hirotsugu Ohara, MD</u>; Fujieda heisei Memorial Hospital
- P359 LIVER REGENERATION AFTER OPEN AND LAPAROSCOPIC LEFT PARTIAL HEPATECTOMY CONSIDERING THE FUNGAL TRANSLOCATION TO THE REMNANT LIVER Konstantinos S Mammas, MD, MSc, PhD<sup>1</sup>, Nikolaos Kavantzas, MD, PhD<sup>2</sup>, Georgia Kostopanagiotou, MD, PhD<sup>1</sup>, Ismene Dontas, DVM, PhD<sup>3</sup>, Vasileios Smyrniotis, MD, PhD<sup>3</sup>, George Arsenis, MD, PhD<sup>3</sup>, Eustratios Patsouris, MD, PhD<sup>2</sup>; <sup>1</sup>National and Kapodistrian University of Athens-Surgical Laboratory Professor K.TOUNTAS, <sup>2</sup>National and Kapodistrian University of Athens- Medical School, Department of Pathology, <sup>3</sup>National and Kapodistrian University of Athens
- P361 LAPAROSCOPIC LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA IN CHILD-PUGH CLASS B CIRRHOSIS Osamu Itano, MD, PhD, FACS, Masahiro Shinoda, MD, PhD, Minoru Kitago, MD, PhD, Yuta Abe, MD, PhD, Taizo Hibi, MD, PhD, Hiroshi Yagi, MD, PhD, Chisato Takagi, MD, Yuko Kitagawa, MD, PhD, FACS; Department of Surgery, Keio University School of Medicine
- P362 LDP VS ODP FOR PANCREATIC ADENOCARCINOMA: A RETROSPECTIVELY COMPARATIVE STUDY <u>Yi-ping Mou, MD, FACS</u><sup>1</sup>, Miao-zun Zhang, MD<sup>2</sup>, Xiao-wu Xu, MD<sup>1</sup>, Ren-chao Zhang, MD<sup>1</sup>, Jia-fei Yan<sup>2</sup>, Wei-wei Jin<sup>1</sup>; <sup>1</sup>Department of General Surgery, Zhejiang Provincial People's Hospital, Hangzhou, China, <sup>2</sup>Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University, Hangzhou 310016, Zhejiang Province, China
- P363 LAPAROSCOPIC PANCREATICODUODENECTOMY: A REPORT OF 125 CASES IN A SINGLE INSTITUTE Wei-Wei Jin, MD<sup>1</sup>, Xiao-Wu Xu, MD<sup>2</sup>, Yi-Ping Mou, MD, FACS<sup>2</sup>, Yu-Chen Zhou<sup>2</sup>, Chao-Jie Huang<sup>2</sup>, Chao Lu<sup>1</sup>, Rong-Gao Cheng<sup>1</sup>, Jia-Yu Zhou<sup>1</sup>; <sup>1</sup>Medical School, Zhejiang University, <sup>2</sup>Divison of Gastroentropancreas, Department of General Surgery, Zhejiang Provincial People's Hospital
- P364 MANAGEMENT OF THE HYPERKINETIC GALLBLADDER IN ADULTS: A CASE SERIES Lawrence N Cetrulo, MD, Amit Joshi, MD, FACS, Albert Trang, MD; Einstein Healthcare Network
- P366 LAP CHOLECYSTECTOMY WITH ERCP AS A COMBO APPROACH FOR THE MANAGEMENT OF CHOLECYSTO –CHOLEDOCHOLITHIASIS -A RETROSPECTIVE STUDY <u>Dr Sreejoy Patnaik, MS</u>; SHANTI MEMORIAL HOSPITAL PVT.LTD
- P367 PARENCHYMAL DISSECTION TECHNIQUE IN LAPAROSCOPIC HEPATECTOMY Satoshi Kaihara, MD, PhD, FACS, Kenji Uryuhara, MD, PhD, Junji Komori, MD, PhD, Sena Iwamura, MD, Ryo Hosotani, MD, PhD; Kobe Medical Center General Hospital
- P368 SAFETY OF MIDLINE THREE PORTS LAPAROSCOPIC CHOLECYSTECTOMY IN DIFFICULT GALL STONE DISEASE Ahmed Hussain Pathan, Dr, Ashfaque Ahmed Bhurgri, Dr; LUMHS PAKISTAN
- P369 LAPAROSCOPIC CBD EXPLORATION; 15 YEARS EXPERIENCE Duncan Light, Yousef Aawsaj, Liam Horgan; Northumbria Healthcare NHS Foundation Trust

### P371 Withdrawn

P372 SINGLE INCISION LAPAROSCOPIC LIVER RESECTION: SAFETY, FEASIBILITY AND THE ROLE OF STAPLER TECHNIQUE IN PARENCHYMAL RESECTION Hong Yu, Shuodong Wu, Xiaopeng Yu, Diaobo Yao; Shengjing Hospital of China Medical University

P373 MANAGEMENT OF POSTOPERATIVE BILE LEAK: TERTIARY CENTERS EXPERIENCE Mohammed Omar, Alaa Redwan; Sohag university

P374 COMPARISON OF QUALITY OF LIFE AFTER SINGLE STAGE VS TWO STAGE MANAGEMENT OF PATIENTS WITH CONCOMITANT GALL STONES AND COMMON BILE DUCT STONES:A PROSPECTIVE RANDOMIZED CONTROL TRIAL Virinder K Bansal, <u>Krishna Asuri</u>, Sunita Suman, Omprakash Prajapati, Pramod Garg, Rajesh Sagar, Mahesh C Misra; All India Institute of Medical Sciences

- P375 FUNCTIONAL AND MORPHOLOGICAL OUTCOME OF PATIENTS UNDERGOING SURGERY FOR CHRONIC PANCREATITIS Anil Mani, Dr, Vikas Gupta, Dr, Thakur D Yadav, Dr, Rakesh Kochhar, Dr, Naveen Kalra, Dr, Bikash Medhi, Dr; Post Graduate Institute Of Medical Education and Research, Chandigarh, India
- P376 EVALUATION OF THE EFFICACY AND ACCURACY OF INTRAOPERATIVE CHOLANGIOGRAMS IN PATIENTS WITH SUSPECTED CHOLEDOCHOLITHIASIS Andrew J Cleland, BS<sup>1</sup>, Carrie Ronstrom, BS<sup>1</sup>, Reema Mallick, MD<sup>2</sup>, Kevin Rank, MD<sup>3</sup>, Stuart Amateau, MD, PhD<sup>3</sup>, Mustafa Arain, MD<sup>3</sup>, Martin Freeman, MD<sup>3</sup>, James V Harmon, MD, PhD<sup>2</sup>; <sup>1</sup>University of Minnesota Medical School, <sup>2</sup>University of Minnesota, Department of Surgery, <sup>3</sup>University of Minnesota, Department of Medicine
- P377 EFFECT OF PARTIAL HEPATECTOMY ON THE SEEDING AND GROWING OF LIVER METASTASES IN A RAT MODEL. Ivan V Fedoriv, MD<sup>1</sup>, Ignacio Garcia-Alonso, PhD<sup>2</sup>, Mikel Gonzalez-Arribas, Student<sup>2</sup>, Inigo Cearra, MD<sup>2</sup>, Asier Santamaria, Student<sup>2</sup>, Borja Herrero de la Parte, MSC<sup>2</sup>; <sup>1</sup>Department of human anatomy, operative surgery and topographic anatomy IFNMU, Ivano-Frankivsk, Ukraine, <sup>2</sup>Dpt. of Surgery and Radiology. Faculty of Medicine UPV/EHU. Leioa, Spain
- P378 LAPAROSCOPIC VERSUS OPEN LIVER RESECTION FOR SMALL HEPATOCELLULAR CARCINOMA: A CASE-CONTROL STUDY Wipusit Taesombat, MD, Bunthoon Nonthasoot, MD, Boonchoo Sirichindakul, MD, Jade Supaphol, MD, Methee Sutherasan, MD, Supanit Nivatwongs, MD; Department of Surgery, King Chulalongkorn Memorial Hospital, Chulalongkorn University, Thailand
- P379 BILE ASPIRATION EXFOLIATIVE CYTOLOGY IN CASES OF MALIGNANT OBSTRUCTIVE JAUNDICE Thakur Yadav, MS, DNB, Krishnamurthy Jagadeesh, MS, Radhika S, Vikas Gupta, Rakesh Kochhar; postgratuate institute of medical education and research chandigarh
- P380 ENDO-LAP TECHNIQUE TO PRESERVE GALLBLADDER FOR BENIGN GALLBLADDER DISEASES <u>Zhen-Ling Ji, MD, PhD</u>; Zhongda Hospital, Southeast University School of Medicine
- P381 LAPAROSCOPIC CHOLECYSTECTOMY IN PATIENT WITH INCIDENTAL INTRAOPERATIVE FINDINGS OF LIVER CIRRHOSIS Michael Dennis Dela Paz, MD; AMOSUP Seamen's Hospital, Intramuros, Manila
- P382 LAPAROSCOPIC MANAGEMENT OF CYSTIC NEOPLASM OF THE PANCREAS: A CASE REPORT Hector F Sanchez-Maldonado, MD, Enrique J Cedillo-Aleman, MD, Marco A Juarez-Parra, MD, Ulises Caballero-de la Pena, MD, Ernesto Miranda-Cervantes, MD; Hospital Christus Muguerza Alta Especialidad / UDEM
- P383 A NOVEL METHOD IN SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY WITHOUT A CAMERAMAN. <u>Ho-Seong Han</u>, YoungRok Choi, Yoo-Seok Yoon, MD, PhD, Jae Young Cho, MD, PhD, Jae Yool Jang, Han Lim Choi, Jae Seong Jang, Seong Wook Kwon; Seoul National University, College of Medicine

- P384 LAPAROSCOPIC CHOLECYSTECTOMY IN CIRRHOTIC PATIENTS <u>Adrian Cotirlet, MD, PhD</u><sup>1</sup>, Marius Nedelcu, MD<sup>2</sup>, Laura Gavril, MD<sup>3</sup>; <sup>1</sup>Moinesti Emergency Hospital, <sup>2</sup>Nouvel Hopital Civil, IRCAD, Strasbourg, <sup>3</sup>Iasi University Hospital
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- P386 STRATEGIES FOR DIFFERENTIATING XANTHOGRANULOMATOUS CHOLECYSTITIS FROM GALL BLADDER CARCINOMA- A TERTIARY CARE CENTRE EXPERIENCE Samiran Nundy, MCh, MA, FRCP, FRCS<sup>1</sup>, <u>Kishore Rajaguru, MBBSMSDNBMRCSEdFMASDMAS<sup>2</sup></u>; <sup>1</sup>sir gangaram hospitals and research institute, new delhi, India, <sup>2</sup>ng teng fong general hospital . singapore
- P387 LAPAROSCOPIC DISTAL PANCREATECTOMY FOR PANCREATIC CANCER IS SAFE AND EFFECTIVE Marita D Bauman, MD<sup>1</sup>, David C Becerra, MD<sup>2</sup>, E M Kilbane<sup>1</sup>, Nicholas J Zyromski, MD<sup>1</sup>, C M Schmidt, MD<sup>1</sup>, Attila Nakeeb, MD<sup>1</sup>, Michael G House, MD<sup>1</sup>, Eugene P Ceppa, MD<sup>1</sup>; <sup>1</sup>Indiana University, <sup>2</sup>Walter Reed National Military Medical Center
- P388 LAPAROSCOPIC BILIODIGESTIVE RECONSTRUCTION: ONE YEAR EXPERIENCE IN A SINGLE INSTITUTION Daniel Gomez, MD, Pedro Villadiego, MD, Daniel Perez, MD, Manuel Sanchez, MD; CPO
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- P392 RETROSPECTIVE ANALYSIS OF THE FACTORS AFFECTING THE RISK AND DIFFICULTY OF THE LAPAROSCOPIC SURGERY FOR ACUTE CHOLECYSTITIS Koetsu Inoue<sup>1</sup>, Tatsuya Ueno<sup>1</sup>, Orie Suzuki<sup>1</sup>, Masanobu Hayashi<sup>1</sup>, Kentarou Shima<sup>1</sup>, Ryouichi Anzai<sup>1</sup>, Shinji Gotou<sup>1</sup>, Michinaga Takahashi<sup>1</sup>, Takanori Morikawa<sup>2</sup>, Takeshi Naitoh<sup>2</sup>, Hiroo Naitoh<sup>1</sup>; <sup>1</sup>South Miyagi Medical Center, Department of Surgery, <sup>2</sup>Tohoku University Graduate School of Medicine, Department of Surgery
- P393 LAPAROSCOPIC RESECTION AND MARSUPIALIZATION OF COMPLEX HEPATIC CYST <u>William D Stembridge, DO</u><sup>1</sup>, Rahul Sharma, DO<sup>1</sup>, Ely Sebastian, MD<sup>2</sup>; <sup>1</sup>Rowan SOM, <sup>2</sup>Our Lady of Lourdes Medical Center
- P394 GENDER-ASSOCIATED DIFFERENCES IN GALLBLADDER PATHOLOGY AND DISEASE SEVERITY Sean M Wrenn, MD, Wasef Abu-Jaish, MD, FACS; University of Vermont Medical Center
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- P396 EFFECT OF ENTERAL GLUTAMINE IN THE OUTCOME OF SEVERE ACUTE PANCREATITIS A RANDOMISED CONTROLLED TRIAL <u>Saheer</u> <u>Neduvanchery, MBBS, MS</u>, Vikas Gupta, MBBS, MS, MCH, Td Yadav, Rakesh Kocherr; PGIMER,CHANDIGARH
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- P399 MODIFIED LASSO TECHNIQUE FOR LAPAROSCOPIC DISTAL PANCREATECTOMY <u>Hiroshi Kurahara</u>, Kosei Maemura, Yuko Mataki, Masahiko Sakoda, Satoshi lino, Yota Kawasaki, Koji Minami, Shinichi Ueno, Hiroyuki Shinchi, Shoji Natsugoe; Kagoshima University
- P400 EN-BLOC STAPLING TRANSECTION OF GLISSONIAN PEDICLES AND LHV FOR LAPAROSCOPIC LEFT LATERAL SECTIONECTOMY Takashi Kaizu, MD, Yusuke Kumamoto, MD, Hiroshi Tajima, MD, Ryo Nishiyama, MD, Hiroshi Kawamata, MD, Masahiko Watanabe, MD; Department of Surgery, Kitasato University School of Medicine
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- P402 LAPAROSCOPIC FENESTRATION OF LIVER CYST USING INDOCYANINE-GREEN FLUORESCENT CHOLANGIOGRAPHY Koji Minami, Masahiko Sakoda, Satoshi lino, Kiyokazu Hiwatashi, Kosei Maemura, Yuko Mataki, Hiroshi Kurahara, Yota Kawasaki, Shinichiro Mori, Hiroyuki Shinchi, Shinichi Ueno, Shoji Natsugoe; Kagoshima University
- P403 LAPAROSCOPIC HEPATECTOMY USING A MONOPOLAR SOFT-COAGULATION DEVICE WHILE CONTROLLING INTRAOPERATIVE BLEEDING TO THE MAXIMUM Mitsuo Miyazawa, MD, Masayasu Aikawa, MD, Katsuya Okada, MD, Yukihiro Watanabe, Kojun Okamoto, Isamu Koyama, MD; Saitama Medical University International Medical Center
- P404 LAPAROSCOPIC LIVER RESECTION FOR CYSTIC LESIONS: A 20-YEAR EXPERIENCE Elie K Chouillard<sup>1</sup>, Chady Salloum, MD<sup>2</sup>, Yves Lopez, MD<sup>1</sup>, Andrew Gumbs, MD<sup>1</sup>, Daniel Azoulay, MD<sup>2</sup>; <sup>1</sup>PARIS POISSY MEDICAL CENTER, <sup>2</sup>HENRI MONDOR HOSPITAL
- P405 RE-DO LAPAROSCOPIC PANCREATICODUODENECTOMY AFTER LAPAROSCOPIC PANCREATIC SURGERY Wei-Wei Jin, MD<sup>1</sup>, Chao Lu<sup>1</sup>, Yi-Ping Mou, MD, FACS<sup>2</sup>, Rong-Gao Cheng<sup>1</sup>, Jing-Rui Wang<sup>1</sup>, Xiao-Wu Xu<sup>2</sup>; <sup>2</sup>Division of Gastroentropancreas, Department of General Surgery, Zhejiang Provincial People's Hospital, <sup>1</sup>Medical School, Zhejiang University
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- P407 A CASE REPORT: DUPLICATION OF GALLBLADDER Chollada Suwannachod, Dr, Setthasiri Pantanakul, Dr, Siriporn Angchuan, Dr, Petch Kasetsuwan, Dr; Bhumibol Adulyadej Hospital
- P408 EVALUATION OF THE SAFETY AND EFFICACY OF STAGING LAPAROSCOPY FOR ADVANCED PANCREATIC CANCER Takanori Morikawa, MD, PhD, Masaharu Ishida, MD, PhD, Hideo Ohtsuka, MD, PhD, Takeshi Aoki, MD, PhD, Simpei Maeda, MD, PhD, Kyouhei Ariake, MD, PhD, Kunihiro Masuda, MD, PhD, Koji Fukase, MD, PhD, Masamichi Mizuma, MD, PhD, Naoaki Sakata, MD, PhD, Kei Nakagawa, MD, PhD, Hiroki Hayashi, MD, PhD, Fuyuhiko Motoi, MD, PhD, Takeshi Naitoh, MD, PhD, FACS, Michiaki Unno, MD, PhD; Department of surgery, Tohoku University Graduate School of Medicine

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General Surgery residency program, <sup>2</sup>Khoo Teck Puat Hospital

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- P420 ANALYSIS OF OUTCOME OF LAPAROSCOPIC CHOLECYSTECTOMY (BASED ON DURATION AND SEVERITY) Manoj Kr. Choudhury; GNRC Hospitals
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- P423 REPORT OF THE MEASUREMENT OF PHYSICAL BURDEN ON SURGEONS' UPPER LIMBS DURING LAPAROSCOPIC SURGERY Ryota Nakajima<sup>1</sup>, Hiroshi Kawahira<sup>2</sup>, Shimomura Yoshihiro<sup>3</sup>, Wataru Nishimoto<sup>1</sup>, Takeshi Saito<sup>4</sup>, Hisashi Gunji<sup>5</sup>, Chisato Mori<sup>6</sup>, Hisahiro Matsubara<sup>5</sup>; <sup>1</sup>Graduate School of Medical and Pharmaceutical Science, Chiba University, <sup>2</sup>Center for Frontier Medical Engineering, Chiba University, <sup>3</sup>Division of Design Science, Graduate School of Engineering, Chiba University, <sup>4</sup>Department of Pediatric Surgery, Graduate School of Medicine, Chiba University, <sup>5</sup>Department of Frontier Surgery, Graduate School of Medicine, Chiba University, <sup>6</sup>Department of Bioenvironmental Medicine, Graduate School of Medicine, Chiba University
- P424 A NOVEL INFLATABLE AND RETRACTING LAPAROSCOPIC DEVICE THAT PROVIDES MAXIMAL EXPOSURE OF THE OPERATIVE FIELD Ambar Mehta<sup>1</sup>, <u>Anirudh Dwarakanath, MS<sup>2</sup></u>, Rohith M Bhethanabotla<sup>3</sup>, Hien T Nguyen, MD<sup>2</sup>; <sup>1</sup>Johns Hopkins University School of Medicine, <sup>2</sup>Johns Hopkins Bayview Medical Center Department of Surgery, <sup>3</sup>Johns Hopkins University Krieger School of Arts and Sciences
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- P431 VENOUS THROMBOEMBOLISM AFTER LAPAROSCOPIC BARIATRIC PROCEDURES: AN ANALYSIS OF 1087 PATIENTS AT A SINGLE ACADEMIC INSTITUTION Luke Kinsinger, MD, Jessica Smith, MD, Peter Nau, MD, MS, Isaac Samuel, MD; University of Iowa
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- P434 LOW-OPIOID MULTIMODAL PAIN CONTROL STRATEGIES REDUCE NARCOTIC UTILIZATION IN SLEEVE GASTRECTOMY PATIENTS Kyle Kleppe, MD, Hien Le, MD, Gregory Mancini, MD; UT Medical Center - Knoxville
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- P438 WEIGHT LOSS AND OBESITY CO-MORBIDITY OUTCOMES VARY BY RACE AFTER OPEN ROUX-EN-Y GASTRIC BYPASS (ORYGB): ANALYSIS OF 5,389 BOLD DATABASE PATIENTS <u>Amna Mehdi, DO</u>, Gus Slotman, MD; Inspira Health Network
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- P441 A CASE SERIES OF "CANDY CANE SYNDROME": AN UNDERAPPRECIATED CAUSE OF ABDOMINAL PAIN AND NAUSEA AFTER ROUX-EN-Y GASTRIC BYPASS SURGERY <u>Amir H Aryaie,</u> <u>MD</u>, Mojtaba Fayezizadeh, MD, Mujjahid Abbas, Leena Khaitan, MD; University Hospitals Case Medical Center
- P442 INCREASED VISCERAL ADIPOSITY FAILS TO PREDICT POSTOPERATIVE COMPLICATIONS IN ROUX-EN-Y GASTRIC BYPASS PATIENTS Salvatore Docimo, Joshua S Winder, Brandon S Dudeck, Brandon Labarge, Ann M Rogers; Penn State Hershey Medical Center
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- P444 A VA-BASED MULTIDISCIPLINARY CLINIC IMPROVES FOLLOW-UP AFTER BARIATRIC SURGERY Nalani Grace, MD, Eric Kubat, MD, Dan Eisenberg, MD, MS; VA Palo Alto
- P445 COMPARISON OF ESTIMATED WEIGHT LOOSE IN SLEEVE GASTRECTOMY AND ROUX-EN-Y GASTRIC BY-PASS <u>Mehmet</u> <u>Mihmanli, Prof</u>, Riza Gurhan Isil, PhD, Ufuk Oguz Idiz, PhD, Uygar Demir, PhD, Cemal Kaya, PhD, Canan Tulay Isil, PhD, Pinar Sayin, PhD, Yuksel Altuntas, Prof; Hamidiye Sisli Etfal E.A.H.
- P446 PERIOPERATIVE OUTCOMES OF LAPAROSCOPIC SLEEVE GASTRECTOMY VERSUS LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS IN THE SUPEROBESE POPULATION Davis Waller<sup>1</sup>, Angel Farinas, MD<sup>2</sup>, Christian Cruz Pico, MD<sup>2</sup>, Angelina Postoev, MD<sup>2</sup>, Christopher Ibikunle, MD<sup>2</sup>, Aliu Sanni, MD<sup>2</sup>; <sup>1</sup>MCG/UGA Medical Partnership, <sup>2</sup>Georgia Surgicare
- P447 DEVELOPMENT OF CONSENSUS-DERIVED QUALITY INDICATORS FOR BARIATRIC SURGERY Shannon E Stogryn, MBBS, Krista Hardy, MSc, MD, FRCSC, FACS, Jason Park, MEd, MD, FRCSC, FACS, Ashley Vergis, MEd, MD, FRCSC, FACS; University of Manitoba

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- P449 INCIDENTAL PATHOLOGICAL FINDINGS DETECTED IN SLEEVE GASTRECTOMY SPECIMENS Baris D Yildiz, MD; ANKARA NUMUNE TEACHING HOSPITAL
- P450 SOUTH AMERICAN EXPERIENCE IN LAPAROSCOPIC ADJUSTABLE GASTRIC BAND: 5 & 10 YEARS OF FOLLOW-UP Martin A Berducci<sup>1</sup>, Jorge Nefa<sup>1</sup>, Magali Sanchez<sup>2</sup>, Natalia Pampillon<sup>2</sup>, Viviana Lasagni<sup>2</sup>, Cecilia Penutto<sup>2</sup>, Romina Palma<sup>2</sup>, Mariela Abaurre<sup>2</sup>, Sonia Omelanczuk<sup>2</sup>, Pablo E Omelanczuk<sup>1</sup>; <sup>1</sup>Hospital Italiano de Mendoza, Argentina, <sup>2</sup>Clinica Quirurgica de la Obesidad, Mendoza, Argentina
- P451 SAFETY OF PREOPERATIVE VLCD DIET AND BODY COMPOSITION CHANGES AFTER BARIATRIC SURGERY Takeshi Naitoh, MD, PhD, FACS, N Tanaka, MD, PhD, H Imoto, MD, PhD, M Nagao, MD, PhD, K Watanabe, MD, PhD, T Abe, MD, PhD, S Ohnuma, MD, PhD, K Kudo, MD, PhD, T Aoki, MD, PhD, H Karasawa, MD, PhD, T Tsuchiya, MD, F Motoi, MD, PhD, M Unno, MD, PhD; Tohoku University Graduate School of Medicine
- P452 THE IMPACT OF ENHANCED RECOVERY PROTOCOL FOR PATIENTS UNDERGOING BARIATRIC LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS <u>Katie Meister, MD</u>, Katelyn Mellion, MD, Anna Uebele, MD, Lala Hussain, Kevin Tymitz, MD, George Kerlakian, MD; Good Samaritan Hospital
- P453 STAND THE STOMACH TECHNIQUE USING AUTO IRRIGATION DEVICE AND ENDOQUICK SUTURE FOR SLEEVE GASTRECTOMY. Tetsuo Ikeda, MD, PhD; Department of Advanced Medical Initiatives Graduate School of Medical Sciences
- P454 OPERATIVE TIME IN SLEEVE GASTRECTOMY: INFLUENCE OF PREOPERATIVE FACTORS IN RELATION TO PERIOPERATIVE COMPLICATIONS Luciano J Deluca, MD, Patricio J Cal, MD, Tomas C Jakob, MD, Ezequiel O Fernandez, MD; Centro de Rehabilitacion Quirurgica de la Obesidad (CRQO)
- P455 INDICATIONS FOR CONVERSION FROM SLEEVE GASTRETOMY TO ROUX-EN-Y GASTRIC BYPASS Thomas J Buddensick, MD, Michael Kammerer, MD, Alec Beekley, MD, David Tichansky, MD; Thomas Jefferson University
- P456 THE EFFECTS OF BARIATRIC SURGERY ON INFLAMMATORY MARKERS FOR CARDIOVASCULAR DISEASES <u>Ali Kagan Coskun, MD</u><sup>1</sup>, Ali Harlak, MD<sup>1</sup>, Turgay Celik, MD<sup>2</sup>, Taner Yigit, MD<sup>1</sup>, Cengiz Ozturk, MD<sup>2</sup>, Tuncer Cayci, MD<sup>3</sup>; <sup>1</sup>GATA Dept. of Surgery, <sup>2</sup>GATA Dept. of Cardiology, <sup>3</sup>GATA Dept. of Biochemistry

### P457 Withdrawn

- P458 SLEEVE GASTRECTOMY CAN BE SAFELY PERFORMED WITHOUT STAPLE LINE REINFORCEMENT <u>Cullen O Carter, MD</u><sup>1</sup>, Matthew Tufts<sup>2</sup>, Myron S Powell<sup>2</sup>, Stephen S McNatt<sup>2</sup>, Adolfo Z Fernandez<sup>2</sup>; <sup>1</sup>Boston Medical Center, <sup>2</sup>Wake Forest Baptist Medical Center
- P459 APPROACH TO THE CARE OF THE PREGNANT PATIENT AFTER BARIATRIC SURGERY: A BARIATRIC SURGEON'S PERSPECTIVE Daniel Skubleny<sup>1</sup>, Noah J Switzer<sup>2</sup>, Richdeep Gill<sup>3</sup>, Daniel Birch<sup>2</sup>, Shahzeer Karmali<sup>2</sup>, Chirstopher de Gara<sup>2</sup>; <sup>1</sup>Faculty of Medicine and Dentistry, University of Alberta, <sup>2</sup>University of Alberta, <sup>3</sup>University of Calgary
- P460 UPPER GI STUDIES FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY: A STUDY THAT PROLONGS LENGTH OF STAY <u>Renee</u> <u>M Tholey, MD</u><sup>1</sup>, Jonathan Abelson, MD<sup>1</sup>, Sara Hassen<sup>1</sup>, Daniel Benhuri<sup>2</sup>, Gregory Dakin, MD<sup>1</sup>, Alfons Pomp, MD<sup>1</sup>, Cheguevara Afaneh, MD<sup>1</sup>; <sup>1</sup>New York Presbyterian Hospital- Weill Cornell Medical College, <sup>2</sup>University of Toledo

- P461 REVISIONAL LAPAROSCOPIC SLEEVE GASTRECTOMY: A VIABLE OPTION AFTER GASTRIC BAND FAILURE Talar Tatarian, MD, Michael Kammerer, MD, Danica Giugliano, MD, Alec Beekley, MD, David Tichansky, MD; Thomas Jefferson University Hospital, Philadelphia, PA
- P462 A MULTIDISCIPLINARY APPROACH TO REDUCE POSTOPERATIVE READMISSION AFTER BARIATRIC SURGERY IN A SINGLE INSTITUTION Joon K Shim, MD, MPH, FACS<sup>1</sup>, G D Roye, MD, FACS<sup>1</sup>, Beth Ryder, MD, FACS<sup>1</sup>, Todd Stafford, MD<sup>1</sup>, Kellie C Armstrong, RN, BSN, MS, CBN<sup>2</sup>, Debi A Diana, MA<sup>2</sup>, Sivamainthan Vithiananthan, MD, FACS<sup>1</sup>; <sup>1</sup>Brown University, <sup>2</sup>Miriam Hospital
- P463 SUBSEQUENT CHOLECYSTECTOMY RATE AFTER BARIATRIC SURGERY IN MORBID OBESITY PATIENTS: A SYSTEMATIC REVIEW AND META-ANALYSIS Ajaree Sattaratnamai, MD<sup>1</sup>, Noppawat Samankatiwat, MD<sup>1</sup>, Suthep Udomsawaengsup, MD<sup>2</sup>; <sup>1</sup>Ratchaburi Hospital, <sup>2</sup>King Chulalongkorn Memorial Hospital
- P464 GASTROESOPHAGEAL REFLUX FOLLOWING SLEEVE GASTRECTOMY: A META-ANALYSIS <u>Christopher Crawford, MD</u>, Daniel Lomelin, MPH, Kyle Gibbens, BS, Crystal Krause, PhD, Dmitry Oleynikov, MD; University of Nebraska Medical Center
- P465 EFFECT OF SLEEVE GASTRECTOMY ON CONTROL OF TYPE 2 DIABETES MELLITUS IN OUR SERIES Nandakishore Dukkipati, MD, Deepti Thakkar; LivlifeHospitals
- P466 RESOLUTION OF DIABETIC NEPHROPATHY FOLLOWING LAPAROSCOPIC ILEAL INTERPOSITION WITH BMI-ADJUSTED SLEEVE GASTRECTOMY IN PATIENTS WITH TYPE-2 DIABETES – MULTI- CENTER STUDY Surendra Ugale, MD; Kirloskar Hospital & Asian Bariatrics
- P467 ENDOSCOPIC MANAGEMENT OF LEAK FOLLOWING SLEEVE GASTRECTOMY: CASE SERIES AND LITERATURE REVIEW Jonah Klein, MD<sup>1</sup>, <u>Rohit Soans, MD</u><sup>2</sup>, Jennifer Maranki, MD<sup>2</sup>, Michael Edwards, MD, FACS<sup>2</sup>; <sup>1</sup>Lankenau Medical Center, <sup>2</sup>Temple University Hospital
- P468 LONG-TERM ANALYSIS OF RISK FOR ANEMIA IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS PATIENTS WITH AT LEAST 5-YEAR FOLLOW UP Piotr J Gorecki, MD<sup>2</sup>, Christine M Najjar, MS<sup>1</sup>, Krystyna Kabata, PA<sup>2</sup>, Anthony Tortolani, MD<sup>2</sup>; <sup>2</sup>New York Methodist Hospital, <sup>1</sup>St. George's University School of Medicine
- P469 ALGORITHM FOR ORDERING ABDOMINAL CT SCANS IN PATIENTS AFTER GASTRIC BYPASS: IS IT POSSIBLE? Luise I Pernar, <u>MD</u><sup>1</sup>, Ryan Lockridge, BS, BSN, RN<sup>1</sup>, Colleen MccCormack<sup>1</sup>, Minghua Chen, MD, PhD<sup>1</sup>, Judy Chen, MD<sup>2</sup>, Scott A Shikora<sup>1</sup>, David Spector<sup>3</sup>, Ali Tavakkoli<sup>3</sup>, Malcom K Robinson, MD<sup>1</sup>, Ashley H Vernon<sup>3</sup>; <sup>1</sup>Brigham and Women's Hospital, <sup>2</sup>Swedish Medical Center, <sup>3</sup>Brigham and Women's Faulkner Hospital
- P470 WHAT INFLUENCES BARIATRIC SURGERY OUTCOMES ? A MULTIPLE REGRESSION ANALYSIS OF THE ONTARIO BARIATRIC REGISTRY. Uri Kaplan, MD, Wael Zohdy, MD, MSc, Scott Gmora, MD, Dennis Hong, MD, MSc, Mehran Anvari, MD, PhD; McMaster University
- P471 OUTCOMES OF SLEEVE GASTRECTOMY IN THE PRE- AND POST-MENOPAUSAL POPULATION <u>Cici Zhang, MD</u>, Lucy Martinek, MD, Yael Marks, MD, Julio Teixeira, MD; Lenox Hill Hopsital
- P472 ENDOSCOPIC INTRAGASTRIC BALLON : 2 YEARS EXPERIENCE IN AN OUTPATIENT FACILITY Daniel Gomez, MD, Jesus Rodriguez, MD; Gastromedica
- P473 OUTCOMES OF SWALLOWABLE INTRAGASTRIC BALLOON (OBALON®) AS A TREATMENT MODALITY FOR THE OVERWEIGHT AND OBESE. <u>Salman Al Sabah, Dr</u>, Nourah Alsharqawi, Dr, Ahmed Al Mulla, Dr; Al Amiri
- P474 VENOUS THROMBOEMBOLISM PROPHYLAXIS IN BARIATRIC PATIENTS: WHAT IS THE RIGHT DOSE? A QUALITY IMPROVEMENT PROJECT. <u>Taryn Hassinger, MD</u><sup>1</sup>, Tjasa Hranjec, MD, MS<sup>2</sup>, Peter Hallowell, MD<sup>1</sup>, Bruce Schirmer, MD<sup>1</sup>, Sara Hennessy, MD<sup>2</sup>; <sup>1</sup>University of Virginia, <sup>2</sup>UT Southwestern

- P475 LOW MORBIDITY AND ZERO IN-HOSPITAL MORTALITY IN 1232 GASTRIC BYPASSES IN A TEACHING HOSPITAL John Hwang, MD, Thomas Schnelldorfer, MD, David Brams, MD, Dmitry Nepomnayshy, MD; Lahey Hospital
- P476 BARIATRIC OPERATIVE REPORTING: PERCEPTIONS OF QUALITY AMONGST CANADIAN BARIATRIC SURGEONS <u>Shannon E Stogryn,</u> <u>MBBS</u>, Krista Hardy, MSc, MD, FRCSC, FACS, Ashley Vergis, MMEd, MD, FRCSC, FACS; University of Manitoba
- P477 TOTAL WEIGHT LOSS AS THE OUTCOME MEASURE OF CHOICE AFTER ROUX EN-Y- GASTRIC BYPASS Mena Boules, MD<sup>1</sup>, Ricard Corcelles, MD, PhD<sup>2</sup>, Dvir Froylich, MD<sup>1</sup>, Amani Hag, MD<sup>1</sup>, Zhamak Khorgami, MD<sup>1</sup>, Bartolome Burguera, MD<sup>1</sup>, Matthew Kroh, MD<sup>1</sup>, Phillip Schauer, MD<sup>1</sup>, Stacy Brethauer, MD<sup>1</sup>; 'Cleveland Clinic, <sup>2</sup>Foundation Clinic for Biomedical Research, Hospital Clinic of Barcelona, University of Barcelona
- P478 DIAGNOSTIC UTILITY OF CT SCANS IN DETECTING INTERNAL HERNIAS AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Mohammad Farukhi, MD, Benjamin Clapp, MD, Alan Tyroch, MD, Jayanta Gupta, MD, PhD, Christopher Dodoo, MS, Michael Mattingly, BS; Texas Tech Paul F Foster School of Medicine
- P479 BARIATRIC SURGERY IMPROVES QUALITY OF LIFE AND MAINTAINS NUTRITIONAL STATUS OF OLDER OBESE PATIENTS Elie Chouillard<sup>1</sup>, Ronald Daher, MD<sup>1</sup>, Jean Biagini, MD<sup>2</sup>; <sup>1</sup>PARIS POISSY MEDICAL CENTER, <sup>2</sup>SAINT JOSEPH MEDICAL CENTER
- P480 10-YEARS RESULTS OF SLEEVE GATSRECTOMY AS COMPARED TO ROUX EN Y GASTRIC BYPASS IN PATIENTS WITH MORBID OBESITY A CASE CONTROL STUDY Elie K Chouillard, Ronald Daher, MD, Mariam Alahmadi, MD, Bashaer Alkandari, MD, Elias Chahine, Alain Fajardy, MD; PARIS POISSY MEDICAL CENTER
- P481 COMPARING STENOSIS RATE OF GASTROJEJUNAL ANASTOMOSIS BETWEEN 21-MM AND 25-MM CIRCULAR STAPLER IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS: A PRELIMINARY REPORT OF RANDOMIZED CLINICAL TRIAL Jakrapan Wittayapairoch, MD<sup>1</sup>, Pakkavuth Chanswangphuvana, MD<sup>2</sup>, Ajjana Techagampuch, MD<sup>2</sup>, Narong Boonyagard, MD<sup>2</sup>, Pondech Vichajarn, MD<sup>2</sup>, Rapheephat Tanomphetsanga, MD<sup>2</sup>, Krit Kitisin, MD<sup>2</sup>, Suppa-ut Pungpapong, MD<sup>2</sup>, Chadin Tharavej, MD<sup>2</sup>, Patpong Navicharern, MD<sup>2</sup>, Suthep Udomsawaengsup, MD<sup>2</sup>; <sup>1</sup>Department of Surgery, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, <sup>2</sup>Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand.
- P482 IMPROVEMENT OF COMORBIDITIES AFTER REVISIONAL ROBOTIC ROUX-EN-Y GASTRIC BYPASS SURGERY Raquel Gonzalez-Heredia, MD, PhD, Lisa Sanchez-Johnsen, PhD, Janine Devicais, <u>Enrique</u> <u>Elli, MD, FACS</u>; UIC
- P483 FIRST ADOLESCENT BARIATRIC CENTER OF EXCELLENCE: GUIDELINES, PROCEDURES, PITFALLS AND SOLUTIONS Ragui W Sadek, MD, FACS<sup>1</sup>, <u>Andrew M Wassef, BA<sup>2</sup></u>; <sup>1</sup>Robert Wood Johnson University Hospital, <sup>2</sup>Rutgers Robert Wood Johnson Medical School
- P484 SUPER-SUPER OBESITY : EARLY OUTCOME AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY AND GASTRIC BYPASS IN OBSERVATIONAL STUDY Rapheephat Tanompetsanga, MD, Pondech Vichajarn, MD, Narong Boonyagard, Jakrapan Wittayapairoch, Krit Kitisin, Suppa-ut Pungpapong, AsstProf, Chadin Tharavej, AssocProf, Patpong Navicharern, AssocProf, Suthep Udomsawaengsup, assocProf; King Chulalongkorn Memorial Hospital
- P485 PREDICTIVE FACTORS OF TYPE 2 DIABETES REMISSION AFTER BARIATRIC SURGERY: A MULTIVARIATE ANALYSIS Jerry T Dang, BSc, MD<sup>1</sup>, Caroline Sheppard, BSc<sup>1</sup>, David H Kim, BSc<sup>2</sup>, Xinzhe Shi, MPH, MMSc, BSc<sup>3</sup>, Chris de Gara, MB, MS, FRCS, Ed, Eng, , C, FACS<sup>3</sup>, Shahzeer Karmali, MD, FRCSC, FACS<sup>3</sup>, Daniel W Birch, MSc, MD, FRCSC, FACS<sup>3</sup>; <sup>1</sup>Department of Surgery, University of Alberta, Edmonton, Alberta, Canada, <sup>2</sup>Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Alberta, Canada, <sup>3</sup>Centre for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandra Hospital, Edmonton, Alberta, Canada

- P486 IMPROVEMENT IN TYPE II DIABETES POST-ROUX-EN-Y GASTRIC BYPASS SURGERY William Neal, BS, <u>Raquel Gonzalez-Heredia, MD, PhD</u>, Omar Jamil, BS, Lisa Sanchez-Johnsen, PhD, Enrique Elli, MD, FACS; UIC
- P487 EARLY READMISSION AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Camille D Blackledge, MD, Aerin DeRussy, MPH, Allison Gullick, MSPH, Richard Stahl, MD, Jayleen Grams, MD, PhD; The University of Alabama at Birmingham
- P488 PULMONARY EMBOLISM AND MORTALITY AFTER LAPAROSCOPIC BARIATRIC SURGERY IN PATIENTS USING NUVARING<sup>®</sup> Ashish Padnani, MD<sup>1</sup>, Koji Park, MD<sup>1</sup>, Ninan Koshy<sup>1</sup>, James McGinty, MD<sup>1</sup>, John Harvey, MD<sup>1</sup>, Darshak Shah<sup>2</sup>; <sup>1</sup>Mount Sinai St. Luke's Hospital, <sup>2</sup>Mount Sinai Hospital
- P489 RESIDENT INVOLVEMENT DOES NOT INCREASE COMPLICATION RATES IN BARIATRIC SURGERY Collin R Creange, MD, Bradley Schwack, MD, Marina Kurian, MD, George Fielding, MD, Christine Ren-Fielding, MD; New York University Medical Center
- P490 AN UPDATE ON IDIOPATHIC INTRACRANIAL HYPERTENSION AND BARIATRIC SURGERY: A SYSTEMATIC REVIEW Warren Sun<sup>1</sup>, Noah J Switzer<sup>2</sup>, Taylor Smart<sup>2</sup>, Jerry T Dang<sup>2</sup>, Richdeep S Gill<sup>2</sup>, Christopher de Gara<sup>2</sup>, Daniel Birch<sup>2</sup>, Shahzeer Karmali<sup>2</sup>; <sup>1</sup>Faculty of Medicine and Dentistry, University of Alberta, <sup>2</sup>University of Alberta
- P491 IS THE ROBOTIC SLEEVE GASTRECTOMY COMPARABLE TO LAPAROSCOPY: A SINGLE-INSTITUTION RETROSPECTIVE REVIEW OF 376 CASES Vladimir Davidyuk, MD, Tejinder P Singh, MD, Brian R Binetti, MD, Daniel J Bonville, DO, Erin Corsini; Albany Medical Center
- P492 INTRAGASTRIC BALLOON FOR MANAGEMENT OF SEVERE OBESITY: A SYSTEMATIC REVIEW <u>Ekua Yorke</u><sup>1</sup>, Noah J Switzer<sup>1</sup>, Artan Reso<sup>2</sup>, Xinzhe Shi<sup>1</sup>, Christopher de Gara<sup>1</sup>, Daniel Birch<sup>1</sup>, Richdeep S Gill<sup>2</sup>, Shahzeer Karmali<sup>1</sup>; <sup>1</sup>University of Alberta, <sup>2</sup>University of Calgary
- P493 LAPAROSCOPIC SLEEVE GASTRECTOMY, 200 CASES WITHOUT A LEAK: SHORT-TERM RESULTS, COMPLICATIONS AND TECHNICAL CONSIDERATIONS. Asem Ghasoup, MD, FACS<sup>1</sup>, Turki Al Qurashi, MD<sup>1</sup>, Mohammed Widinly, MD<sup>1</sup>, Omar Sadieh, MD, FACS<sup>2</sup>; <sup>1</sup>Security Forces Hospital Makkah, <sup>2</sup>Saad specialty Hospital
- P494 PORTAL VEIN THROMBOSIS AFTER LAPAROSCOPIC BARIATRIC SURGERY IT'S A RARE COMPLICATION BUT SHOULD BE CONSIDERED. DESCRIPTION OF THREE CASES WITH LITERATURE REVIEW. Asem Ghasoup, MD, FACS<sup>1</sup>, Turki Al Qurashi, MD<sup>1</sup>, Mohammed Widinly, MD<sup>1</sup>, Omar Sadieh, MD, FACS<sup>2</sup>; 'Security Forces Hospital Makkah, <sup>2</sup>Saad specialty Hospital
- P495 THE EFFECT OF LAPAROSCOPIC SLEEVE GASTRECTOMY ON RENAL FUNCTION Vanessa Falk, MD, Curtis Marcoux, MSc, David Pace, MD, FRCSC, <u>Felicia Pickard, MD</u>, Priscille Cyr, MD, Smith Chris, MD, FRCSC, Darrell Boone, MD, FRCSC, Deborah Gregory, MSc, PhD, Laurie Twells, PhD; Memorial University of Newfoundland
- P496 SHORT-TERM RESULTS OF REVISION AND CONVERSION BARIATRIC OPERATIONS Pornthep Prathanvanich, MD, Eric Marcotte, MD, Bipan Chand, MD; Loyola University Medical Center
- P497 RESTRICTIVE VERSUS MALABSORPTIVE BARIATRIC PROCEDURES IN OBESE WOMEN OF REPRODUCTIVE AGE <u>Aaron</u> <u>Purser</u><sup>1</sup>, Sallie McSwain<sup>1</sup>, Angel Farinas, MD<sup>2</sup>, Christian Cruz, MD<sup>2</sup>, Angelina Postoev, MD<sup>2</sup>, Christopher Ibikunle, MD<sup>2</sup>, Aliu Sanni, MD<sup>2</sup>; <sup>1</sup>GRU/UGA Medical Partnership, <sup>2</sup>Georgia Surgicare
- P498 AN IMPACT OF BARIATRIC SURGERY ON THYROID FUNCTION AND MEDICATION USE IN PATIENTS WITH HYPOTHYROIDISM. Alex Zendel, MD<sup>1</sup>, Yasmin Abu Ghanem, MD<sup>1</sup>, Tal Yalon, MD<sup>1</sup>, Yossi Dux, MD<sup>1</sup>, Eyal Mor, MD<sup>1</sup>, Galron Keren, MD<sup>2</sup>, Dov Zippel<sup>1</sup>, Moshe Rubin, MD<sup>1</sup>, Aviram Nissan, MD<sup>1</sup>, David Goitein, MD<sup>1</sup>; <sup>1</sup>General Surgery C, Sheba Medical Center, Israel, <sup>2</sup>Pediatric Emergency Department
- P499 LAPAROSCOPIC SLEEVE GASTRECTOMY WITH STAPLE LINE CONCEALMENT: A CASE SERIES AND ANALYSIS OF OUTCOMES Janine S Hsu, Samaad Malik, MD, MSc, FRCSC; University of British Columbia

- P500 LAPAROSCOPIC GASTRIC BYPASS AND SLEEVE GATSTRECTOMY WITH AN OVERNIGHT STAY: SAFE AND COST EFFECTIVE. <u>Claire</u> <u>McElhatton, Dr</u><sup>1</sup>, Elizabeth Vujcich, Dr<sup>1</sup>, Jeannine McManus, Dr<sup>1</sup>, Paul Mousa, Dr<sup>2</sup>, Matthew J Lyon, Dr<sup>1</sup>, Kamal Heer, MD<sup>3</sup>, Harish Kumar, MD<sup>1</sup>; <sup>1</sup>University of Queensland, <sup>2</sup>Prince Charles hospital, <sup>3</sup>Monash University
- P501 BARIATRIC SURGERY OUTCOMES IN TYPE 1 DIABETES: A SYSTEMATIC REVIEW Alexandra Chow<sup>1</sup>, Noah J Switzer<sup>1</sup>, Jerry T Dang<sup>1</sup>, Xinzhe Shi<sup>1</sup>, Christopher de Gara<sup>1</sup>, Daniel Birch<sup>1</sup>, Richdeep S Gill<sup>2</sup>, Shahzeer Karmali<sup>1</sup>; <sup>1</sup>University of Alberta, <sup>2</sup>University of Calgary
- P502 ONE-STEP SHORT-STAY CONVERSION FROM GASTRIC BANDING TO SLEEVE GASTRECTOMY. SAFETY AND FEASIBILITY. Tomas C Jakob, MD, <u>Patricio Cal, MD</u>, Luciano J Deluca, MD, Ezequiel Fernandez, MD; CRQO
- P503 LAPAROSCOPIC ADJUSTABLE GASTRIC BAND MIGRATION CAUSING TOTAL PORT EROSION: AN NEGLECTED CASE Baris Yildiz; ANKARA NUMUNE TEACHING HOSPITAL
- P504 BODY COMPOSITION CHANGE AFTER BARIATRIC SURGERY Narong Boonyagard, MD, Pondech Vichajarn, Rapheephat Tanomphetsanga, Jakrapan Wittayapairoch, Krit Kitisin, Suppaut Pungpapong, Chadin Tharavej, Patpong Navicharern, Suthep Udomsawaengsup; Chulalongkorn Hospital
- P505 GASTRIC BAND REMOVAL IN REVISIONAL BARIATRIC SURGERY, ONE-STEP OR TWO-STEP? A SYSTEMATIC REVIEW AND META-ANALYSIS Jerry T Dang<sup>1</sup>, Noah J Switzer<sup>1</sup>, Jeremy Wu<sup>1</sup>, Richdeep Gill<sup>2</sup>, Jeremie Thereaux<sup>3</sup>, Xinzhe Shi<sup>1</sup>, Christopher de Gara<sup>1</sup>, Daniel Birch<sup>1</sup>, Shahzeer Karmali<sup>1</sup>; <sup>1</sup>University of Alberta, <sup>2</sup>University of Calgary, <sup>3</sup>Department of General, Digestive and Metabolic Surgery. La Cavale Blanche University Hospital, University of Bretagne Occidentale
- P506 EFFECT OF RY GASTRIC BYPASS INDUCED WEIGHT LOSS ON THE DYNAMIC OF C-REACTIVE PROTEIN LEVELS: A PROSPECTIVE ANALYSIS WITH A LONG TERM FOLLOW UP Piotr J Gorecki, MD, Kendra M Black, MA, MD, Ankeet Udani, MD, Krystyna Kabata, PA, Anthony Tortolani, MD; New York Methodist Hospital
- P507 A SINGLE INSTITUTION STUDY EXAMINING THE SAFETY OF EARLY DISCHARGE FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY. Dina Podolsky, MD, Melanie Howell, Erin Moran-Atkin, MD, Jenny Choi, MD, Diego Camacho, MD; Montefiore
- P508 RED CELL DISTRIBUTION WIDTH: A NOVEL BIOMARKER FOR THE PREDICTION OF ONE-YEAR EXCESS BODY-MASS INDEX LOSS FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Eric S Wise, MD<sup>1</sup>, Kyle M Hocking, PhD<sup>2</sup>, <u>Adam Weltz, MD<sup>3</sup></u>, Anna Uebele, MD<sup>3</sup>, Jose J Diaz, MD, CNS, FACS, FCCM<sup>3</sup>, Stephen M Kavic, MD<sup>3</sup>, Mark D Kligman, MD<sup>3</sup>; <sup>1</sup>Vanderbilt University Dept of Surgery; University of Maryland Dept of Surgery, <sup>2</sup>Vanderbilt University Dept of Surgery, <sup>3</sup>University of Maryland Dept of Surgery
- P509 WEIGHT LOSS AT THREE MONTHS POST-OPERATIVELY PREDICTS WEIGHT LOSS SUCCESS AT ONE YEAR FOR ROUX-EN-Y GASTRIC BYPASS AND SLEEVE GASTRECTOMY Wayne Yang, MD, Keith Gersin, MD, Dimitrios Stefanidis, MDPhD, Timothy Kuwada, MD; Carolinas Medical Center
- P510 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS: LONG TERM RESULTS WITH AT LEAST 10-YEAR FOLLOW UP. Piotr J Gorecki, MD<sup>1</sup>, Obaida Batal, MD<sup>1</sup>, Krystyna Kabata, PA<sup>1</sup>, Christine Najjar, MS<sup>2</sup>, Anthony Tortolani, MD<sup>1</sup>; <sup>1</sup>New York Methodist Hospital, <sup>2</sup>St. George's University School of Medicine
- P511 TRENDS IN PROPHYLACTIC IVC FILTER PLACEMENT AMONG BARIATRIC OPERATIONS John N Afthinos, MD, Karen E Gibbs, MD; Staten Island University Hospital
- P512 RADIOGRAPHIC IMPROVEMENT OF HEPATIC STEATOSIS AFTER ROUX-EN-Y GASTRIC BYPASS. Joshua S Winder, MD, Brandon J Dudeck, BS, Jerome R Lyn-Sue, MD, Randy S Haluck, MD, Ann M Rogers, MD; Penn State Hershey Medical Center

P513 LAPAROSCOPIC SLEEVE GASTRECTOMY FOLLOWING FAILED LAPAROSCOPIC GASTRIC BANDING AMONG MORBIDLY OBESE ADOLESCENTS Aslam Ejaz, MD, Robert Kanard, MD, <u>Pankti Patel, MD</u>,

Raquel Gonzalez-Heredia, MD, PhD, Pablo Quadri, MD, Lisa Sanchez-Johnsen, PhD, Enrique Elli, MD, FACS; UIC

- P514 POSTOPERATIVE DAY ONE NEUTROPHIL-TO-LYMPHOCYTE RATIO AS A PREDICTOR OF 30-DAY OUTCOMES IN BARIATRIC SURGERY PATIENTS <u>Matthew Da Silva, BMSc</u><sup>1</sup>, Ahmad Elnahas, MD, MSc, FRCSC<sup>2</sup>, Michelle C Cleghorn, MSc<sup>2</sup>, Timothy D Jackson, MD, MPH, FRCSC, FACS<sup>2</sup>, Allan Okrainec, MDCM, MHPE, FRCSC, FACS<sup>2</sup>, Fayez A Quereshy, MD, MBA, FRCSC<sup>2</sup>; <sup>1</sup>University of Toronto, Faculty of Medicine, <sup>2</sup>University Health Network, Division of General Surgery
- P515 AN INTRAOPERATIVE TECHNIQUE TO REDUCE SUPERFICIAL SURGICAL SITE INFECTIONS IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS CONSTRUCTED BY CIRCULAR STAPLER Yang Zhang<sup>1</sup>, Oscar K Serrano, MD<sup>2</sup>, W S Melvin, MD, FACS<sup>2</sup>, <u>Diego R Camacho, MD, FACS<sup>2</sup></u>; <sup>1</sup>Albert Einstein College of Medicine, <sup>2</sup>Montefiore Medical Center
- P516 PANCREATICOPLEURAL FISTULA: AS A ONE OF COMPLICATION OF BARIATRIC SURGERY Mohammed Al ismail<sup>1</sup>, Naif Al-Thobaiti<sup>2</sup>, Yasser Al Jehani, PhD<sup>2</sup>; <sup>1</sup>King Abdulaziz hospital, National Guard of Al Ahsa, <sup>2</sup>King Fahad hospital of Dammam university
- P517 COMPARISON OF DIABETIC REMISSION RATES FOLLOWING ROUX EN-Y GASTRIC BYPASS AND LONGITUDINAL SLEEVE GASTRECTOMY Zachary Weitzner, <u>Richard Perugini, MD</u>, John Kelly, MD, Donald Czerniach, MD, Philip Cohen, MD, Julie Flahive, Gordon Fitzgerald; University of Massachusetts Medical School
- P518 PROSPECTIVE STUDY COMPARING ROUX-EN-Y GASTRIC BYPASS AND SLEEVE GASTRECTOMY ON THE RESOLUTION OF OBESITY AND DIABETES IN A NATIVE HAWAIIAN POPULATION Eden S Koo<sup>1</sup>, Racquel S Bueno, MD, FACS<sup>2</sup>, Cedric S Lorenzo, MD<sup>2</sup>; <sup>1</sup>University of Michigan, <sup>2</sup>University of Hawaii Department of Surgery
- P519 TRUE INCIDENCE OF GASTROINTESTINAL STROMAL TUMORS; IS IT HIGHT THAN WE ANTICIPATED? <u>Shoshana Hacker, MD</u>, Hernan Urrego, MD, Karleena Tuggle; Atlanta Medical Center
- P521 DIABETES REMISSION FOLLOWING GASTRIC BYPASS: DOES DIAREM STAND THE TEST OF TIME? J. Hunter Mehaffey, MD, Matthew G Mullen, MD, Rachel L Mehaffey, MD, Florence E Turrentine, PhD, RN, Steven K Malin, PhD, Bruce Schirmer, MD, Peter T Hallowell, MD; University of Virginia
- P522 SAFETY AND EFFICACY OF GASTRIC BYPASS VERSUS SLEEVE GASTRECTOMY IN PATIENTS 65 AND OLDER Lisandro Montorfano, MD, Federico Perez Quirante, MD, Alex Ordonez, MD, Nisha Dhanabalsamy, MD, Rammohan Rajmohan, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, <u>Raul J</u> <u>Rosenthal, MD, FACS, FASMBS</u>; Cleveland Clinic Florida
- P523 OBALON GASTRIC BALLOON: KUWAIT EXPERIENCE Yousef <u>Almuhanna</u><sup>1</sup>, Fahad Alasfar, Prof<sup>2</sup>, Fatemah Alotaibi<sup>2</sup>; <sup>1</sup>KIMS, <sup>2</sup>Kuwait University
- P524 THE USE OF PREDICTIVE MARKERS FOR THE DEVELOPMENT OF A MODEL TO PREDICT LOWEST QUARTILE WEIGHT LOSS FOLLOWING VERTICAL SLEEVE GASTRECTOMY Samuel Cottam<sup>1</sup>, Daniel Cottam, MD<sup>1</sup>, Mitchell Roslin<sup>2</sup>, Hinali Zaveri, MD<sup>1</sup>, Amit K Surve, MD<sup>1</sup>, Christina Richards<sup>1</sup>, Walter Medlin<sup>1</sup>, Austin Cottam<sup>1</sup>; <sup>1</sup>Bariatric Medicine Institute, <sup>2</sup>Lenox Hill Hospital
- P525 THE IMPACT OF ENHANCED RECOVERY PROTOCOL FOR PATIENTS UNDERGOING BARIATRIC LAPAROSCOPIC SLEEVE GASTRECTOMY Katelyn Mellion, MD, Katie Meister, MD, Anna Uebele, MD, Lala Hussain, Kevin Tymitz, MD, George Kerlakian, MD; Good Samaritan Hospital

P526 EVALUATING THE EFFECT OF TECHNIQUE AND DEVICES ON LEAKS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Oliver A. Varban, MD<sup>1</sup>, Ruth B Cassidy, MA<sup>2</sup>, Kyle H Sheetz, MD<sup>1</sup>, Amanda Stricklen, MS, RN<sup>2</sup>, Carl Pesta, DO<sup>3</sup>, Jeffery Genaw, MD<sup>3</sup>, Arthur M Carlin, MD<sup>3</sup>, Jonathan F Finks, MD<sup>1</sup>; <sup>1</sup>University of Michigan Health System, <sup>2</sup>Center for Healthcare Outcomes and Policy, University of Michigan, MI, <sup>3</sup>Henry Ford Health System

- P527 MEDIUM-TERM RESULTS OF LAPAROSCOPIC GASTRIC PLICATION FOR THE TREATMENT OF OBESITY Matthew J Davis, MD, Michael Mulcahy, MD, Deanne Nash, RN, Matthew Kroh, MD, Philip Schauer, MD, Ali Aminian, MD, Stacy Brethauer, MD; Cleveland Clinic
- P528 IS LAPAROSCOPIC SPLENECTOMY SAFE IN PATIENTS WITH IMMUNE THROMBOCYTOPENIC PURPURA AND VERY LOW PLATELET COUNT: A SINGLE-INSTITUTION EXPERIENCE Nihat Aksakal, MD, Umut Barbaros, MD, Orhan Agcaoglu, MD, Mustafa Tukenmez, MD, Berkay Kilic, MD, Omer Cucuk, MD, Ridvan Seven, MD, Ahmet Dinccag, MD, Selcuk Mercan, MD; Istanbul School of Medicine
- P529 LAPAROSCOPIC REVISION OF PERCUTANEOUSLY PLACED MALFUNCTIONING PERITONEAL DIALYSIS CATHETERS IN EIGHT PATIENTS WITH KIDNEY FAILURE Baris D Yildiz, MD; ANKARA NUMUNE TEACHING HOSPITAL
- P530 INDICATIONS AND SURGICAL RESULTS OF PRESSURIZED INTRAPERITONEAL AEROSOL CHEMOTHERAPY (PIPAC) FOR PALLIATIVE THERAPY OF PERITONEAL METASTASIS AFTER 748 CONSECUTIVE PROCEDURES Marc A Reymond, MD, Cedric Demtroder, MD, Jurgen Zieren, MD, Urs Giger-Pabst, MD, Dirk Strumberg, MD, Clemens B Tempfer, MD; Ruhr-University Bochum
- P531 NEW TECHNIQUE FOR ONE GLAND PARATHYROIDECTOMY BY ENDOSCOPIC AND ROBOTIC BILATERAL AXILLO-BREAST APPROACH (BABA) : A CASE SERIES STUDY Hyeong Won Yu, MD<sup>4</sup>, Jin Wook Yi, MD<sup>4</sup>, Ra-Yeong Song<sup>4</sup>, Joon-Hyop Lee<sup>3</sup>, Seong Ho Yoo, MD<sup>1</sup>, Su-jin Kim, MD, PhD<sup>4</sup>, Young Jun Chai, MD<sup>2</sup>, June Young Choi, MD<sup>3</sup>, Kyu Eun Lee, MD, PhD<sup>4</sup>, <sup>4</sup>Department of Surgery, Seoul National University Hospital and College of Medicine, Seoul, Repubic of Korea, <sup>3</sup>Department of Surgery, Seoul National University Bundang Hospital, Seongnam-si, Gyeonggido, Republic of Korea, <sup>1</sup>Biomedical Research Institute and Institute of Forensic Medicine, Seoul National University Hospital & College of Medicine, Seoul, Republic of Korea, <sup>2</sup>Department of Surgery, Seoul National University Boramae Hospital, Seoul, Republic of Korea
- P532 SINGLE-PORT LAPAROSCOPIC APPENDECTOMY IS QUICKER THAN MULT-PORT LAPAROSCOPIC APPENDECTOMY: A STUDY OF THE LEARNING CURVE Sarah Eapen, MD<sup>1</sup>, Terry Carman, MD<sup>2</sup>, Charudutt Paranjape, MD, FACS<sup>2</sup>; <sup>1</sup>Northside Medical Center, <sup>2</sup>Akron General Medical Center

### P533 Withdrawn

- P534 LAPAROSCOPIC NISSEN FUNDOPLICATION: ANALYSIS OF PREOPERATIVE RISK FACTORS AND 30-DAY MORBIDITY AND MORTALITY USING ACS-NSQIP <u>E Miller</u>, MD, J O Bader, Phd, D B Holt, MD, FACS; William Beaumont Army Medical Center
- P535 EXPLORATION OF DIFFERENT SINGLE INCISION LAPAROSCOPIC OPERATIONS FOR THE RESECTION OF GASTRIC STROMAL TUMORS Kong Jing, MD, <u>Wu Shuo-dong</u>; Shengjing Hospital of China Medical University
- P536 A NOVEL ABDOMINAL WALL-LIFTING DEVICE FOR GASLESS LAPAROSCOPIC GASTRECTOMY: THE INITIAL EXPERIENCE OF A SERIAL CASES Jianxin Cui, Canrong Lu, Hongqing Xi, Yingwen Cai, Shibo Bian, Liangang Ma, Yunhe Gao, Bo Wei, <u>Lin Chen</u>; Department of General Surgery, Chinese People's Liberation Army of General Hospital
- P537 MINIMALLY INVASIVE RIGHT HEMICOLECTOMY FOR KYPHOTIC PATIENTS <u>Si-Yuan Yao, MD</u>, Atsushi Ikeda, MD, Teppei Murakami, MD, PhD, Eiji Tanaka, MD, PhD, Tatsuo Okumoto, MD, PhD; Kobe City Medical Center West Hospital

### P538 REDUCED PORT LAPAROSCOPIC CHOLECYSTECTOMY

MAINTAINS SAFETY AND FEASIBILITY Kan Tanabe, MD, Shinichiro Mori, PhD, Kenji Baba, Yoshiaki Kita, Masayuki Yanagi, Kousei Maemura, Hiroshi Kurahara, Yuko Mataki, Hiroyuki Shinchi, Fumio Kijima, Shoji Natsugoe; Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University School of Medicine

- P539 EXAMINATION OF STAGING LAPAROSCOPY FOR ADVANCED PANCREATIC CANCER Yuko Mataki, PhD, Kosei Maemura, Hiroshi Kurahara, Yota Kawasaki, Keiichi Yonemori, Masahiko Sakoda, Satoshi lino, Koji Minami, Shinichi Ueno, Hiroyuki Shinchi, Shoji Natsugoe; Kagoshima University
- P540 SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY <u>Nihat Yavuz, MD</u><sup>1</sup>, Serkan Teksoz, MD<sup>2</sup>, Engin Hatipoglu, MD<sup>2</sup>, Sabri Erguney, MD<sup>2</sup>, Tuna Yildirim, MD<sup>1</sup>, Sirri Ozkan, MD<sup>1</sup>; <sup>1</sup>Acibadem Kadikoy Hospital,General Surgery Department, <sup>2</sup>Istanbul University,Cerrahpasa Medical School,General Surgery Department
- P541 CARDIA-PRESERVING COMBINED ENDOSCOPIC/LAPAROSCOPIC INTRAGASTRIC RESECTION OF PROXIMAL GASTRIC SUBMUCOSAL TUMORS Xianlin Han, MD, Weiming Kang, MD, Zhiqiang Ma, MD, Xin Ye, MD, Jianchun Yu, MD; Peking Union Medical College Hospital
- P542 IS DISTAL REVISION OF VENTRICULO (LUMBO)-PERITONEAL SHUNTS WORTH IT? A 20-YEAR SINGLE CENTER EXPERIENCE. Maitham A Moslim, MD, Gautam Sharma, MD, Hideo Takahashi, MD, Andrew Strong, MD, Mena Boules, MD, Villamere James, MD, O'Rourke Colin, Steven Rosenblatt, MD, Rodriguez John, MD, Kroh Matthew, MD; Cleveland Clinic Foundation
- P543 INTRACORPOREAL HAND-SEWN ESOPHAGOJEJUNAL ANASTOMOSIS DURING LAPAROSCOPIC TOTAL GASTRECTOMY FOR GASTRIC CANCER Rodrigo Munoz, MD, PhD<sup>1</sup>, Enrique Norero, MD<sup>2</sup>, Manuel Manzor, MD<sup>1</sup>, Eduardo Briceno, MD<sup>2</sup>, Mauricio Gabrielli, MD<sup>1</sup>, Nicolas Quezada, MD<sup>1</sup>, Marco Ceroni, MD<sup>3</sup>, Paulina Gonzalez, RN<sup>3</sup>, Fernando Crovari<sup>1</sup>; <sup>1</sup>Department of Digestive Surgery, Pontificia Universidad Catolica de Chile, <sup>2</sup>Department of Digestive Surgery, Pontificia Universidad Catolica de Chile/Hospital Sotero del Rio, <sup>3</sup>Department of Digestive Surgery, Hospital Sotero del Rio
- P544 FLUORESCENT INSICIONLESS CHOLANGIOGRAPHY AS A TEACHING TOOL FOR IDENTIFICATION OF CALOT'S TRIANGLE SUBTITLE: FLUORESCENT CHOLANGIOGRAPHY IN A RESIDENCY PROGRAM Mayank Roy, MD, Fernando Dip, MD, David Nguyen, MD, Conrad Simpfendorfer, MD, FACS, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, <u>Raul J Rosenthal, MD,</u> FACS, FASMBS; Cleveland Clinic Florida
- P545 TOTALLY LAPAROSCOPIC TREATMENT OF COLONIC OBSTRUCTION DUE TO COLON CANCER IN 71 PATIENTS. TEXAS ENDOSURGERY INSTITUTE EXPERIENCE. Miguel A Hernandez, MD, Morris E Franklin Jr., MD, FACS, Jeffrey L Glass, MD, FACS, Mark Glover, MD, Ekong Uffort, MD, Bryson Nicholson, MD; Texas Endosurgery Institute
- P546 SMALL BOWEL OBSTRUCTION CAUSED BY SINGLE ADHESIVE BAND: LAPAROSCOPIC OPERATIVE TREATMENT SHOULD TAKE PRIORITY OVER NON-OPERATIVE TREATMENT Yoo Shin Choi, MD, Suk Won Suh, MD; Chung-Ang University
- P547 LAPAROSCOPIC PANCREATICODUODENECTOMY FOR DUODENAL GIST Jia-Yu Zhou, MD<sup>1</sup>, Wei-Wei Jin, MD<sup>1</sup>, Yi-Ping Mou, MD<sup>2</sup>, Xiao-Wu Xu, MD<sup>2</sup>, Ren-Chao Zhang, MD<sup>2</sup>, Yu-Cheng Zhou, MS<sup>2</sup>, Chao-Jie Huang<sup>2</sup>, Chao Lu<sup>1</sup>, Rong-Gao Chen<sup>1</sup>, Jing-Rui Wang<sup>1</sup>; <sup>1</sup>Zhejiang University, <sup>2</sup>Zhejiang Provincial People Hospital
- P548 REAL TIME LIVE TRANSMISSION TELESURGERY USING NOVEL INTERACTIVE SMARTPHONE AND TABLET TECHNOLOGY Helmuth T Billy, MD<sup>1</sup>, Jaime Ponce, MD<sup>2</sup>; <sup>1</sup>St. Johns Regional Medical Center, <sup>2</sup>Dalton Surgical Group
- P549 SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY WITHOUT ANY SPECIAL PORT OR ROTICULATING LAPAROSCOPIC INSTRUMENTS---- ARE WE KIDDING ? <u>Nitin Jha, MBBS, MS, FIAGES,</u> <u>FAIS</u><sup>1</sup>, Sanjay Chaurey, MBBS, MS, FIAGES<sup>2</sup>; <sup>1</sup>FORTIS & PSRI HOSPITAL , DELHI-NCR, <sup>2</sup>PSRI HOSPITAL ,DELHI

- P550 SIMULTANEOUS VERSUS STAGED OPERATIONS FOR GASTROPARESIS: DOES TIMING OF LAPAROSCOPIC FEEDING JEJUNOSTOMY AND GASTRIC ELECTRICAL STIMULATOR MATTER? Mena Boules, MD<sup>1</sup>, Gautam Sharma, MD<sup>1</sup>, Hideharu Shimizu, MD, PhD<sup>2</sup>, Ryan Plescia, PAC<sup>1</sup>, James Villamere, MD<sup>1</sup>, Dvir Froylich, MD<sup>1</sup>, John Rodriguez, MD<sup>1</sup>, Matthew Kroh, MD<sup>1</sup>, Kevin El-Hayek, MD<sup>3</sup>; <sup>1</sup>Cleveland Clinic, <sup>2</sup>Tokyo Metropolitan Tama Medical Center, <sup>3</sup>Cleveland Clinic- Abu Dhabi
- P551 TRANSCYSTIC DUCT C-TUBE DRAINAGE ENSURING SUCCESSFUL POSTOPERATIVE ENDOSCOPIC SPHINCTEROTOMY (EST) IN PATIENTS WITH FAILURE OF PREOPERTIVE EST: INITIAL EXPERIENCE OF 12 CASES Ying Fan, <u>Shuodong Wu</u>, Jing Kong; Department of the Second General Surgery, Shengjing Hospital of China Medical University

### P552 Withdrawn

- P553 REDUCED PORT SURGERY USING AN UMBILICAL ZIGZAG INCISION IN GASTROINTESTINAL SURGERY Yujo Kawashita, MD, Takashi Ueda, MD, Naonori Hazeyama, MD, Nobuhiro Shin, MD; Fukuoka Seisyukai Hospital
- P555 LEARNING CURVE FOR SINGLE-INCISION LAPAROSCOPIC SURGERY FOR COLON CANCER: A MULTICENTER OBSERVATIONAL STUDY Suk-Hwan Lee, MD<sup>1</sup>, Byung Mo Kang, MD<sup>2</sup>, Bong Hyeon Kye, MD<sup>3</sup>, Chang Woo Kim, MD<sup>1</sup>, Hyung Jin Kim, MD<sup>3</sup>, Sun Jin Park, MD<sup>4</sup>, Kil Yeon Lee, MD<sup>4</sup>, Sang Chul Lee, MD<sup>5</sup>, Yoon Suk Lee, MD<sup>6</sup>, Sang Woo Lim, MD<sup>7</sup>; <sup>1</sup>Kyung Hee University Hospital at Gangdong, Kyung Hee University School of Medicine, Seoul, Korea, <sup>2</sup>Chuncheon Sacred Heart Hospital, Hallym University College of Medicine, Chuncheon, Korea, <sup>3</sup>St. Vincent's Hospital, College of Medicine, The Catholic University of Korea, Suwon, Korea, <sup>4</sup>Kyung Hee Medical Center, Kyung Hee University School of Medicine, Seoul, Korea, <sup>5</sup>Daejeon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Daejeon, Korea, <sup>6</sup>Incheon St. Mary's Hospital, College of Medicine, The Catholic University of Korea, Incheon, Korea, <sup>7</sup>Hallym University Medical Center, Hallym University College of Medicine, Anyang, Korea
- P556 REDUCED PORT SURGERY FOR LAPAROSCOPIC VENTRAL HERNIA REPAIR Takeshi Aoki, MD, PhD, T Abe, MD, PhDD, H Imoto, MD, PhD, H Karasawa, MD, PhD, M Ishida, MD, PhD, K Kudo, MD, PhD, N Tanaka, MD, PhD, M Nagao, MD, PhD, K Watanabe, MD, PhD, S Ohnuma, MD, PhD, T Morikawa, MD, PhD, F Motoi, MD, PhD, T Naitoh, MD, PhD, M Unno, MD, PhD; Department of Surgery, Tohoku University Graduate School of Medicine
- P557 SURGICAL TREATMENT OUTCOMES OF SINGLE PORT ACCESS MINILAPAROSCOPIC APPENDECTOMY FOR APPENDICEAL MUCINOUS NEOPLASM Yoshiyuki Kawakami, PhD, Hidenori Fujii, PhD, Yuki Hirose, PhD; Japanese Red Cross Fukui Hospital
- P558 SINGLE SITE, TOTALLY EXTRA-PERITONEAL (TEP) INGUINAL HERNIA REPAIR UTILIZING A SELF-FIXATING MESH. <u>Alfredo D</u> <u>Guerron, MD</u>, Shaina Eckhouse, MD, Nova Szoka, MD, Dana Portenier, MD, Jin Yoo, MD, Ranjan Sudan, MD, Keri Seymour, MD, Chan Park, MD; Department of Surgery, Duke University Health System
- P559 HYBRID VENTRAL HERNIA REPAIR WITH ACELLULAR PORCINE DERMIS MESH: A NOVEL APPROACH Valerie Wu Chao Ying, MD, ERCSC, Jose M Martinez, MD, FACS; University of Miami
- P561 LAPAROSCOPIC TRANSGASTRIC RESECTION APPROACHES FOR GASTROINTESTINAL STROMAL TUMORS LOCATED IN GASTROESOPHAGEAL JUNCTION Nicolasa Fernandez Soria, Alejandra Garcia Novoa, Namibia Sanluis Verdes, Sergio Builes Ramirez, Maria Jesus Garcia Brao, Pablo Concheiro Coello, Jose Francisco Noguera, MD, PhD; Hospital Universitario de A Coruna

P562 REDUCED PORT SURGERY FOR SMALL BOWEL DISEASES Kenji Baba, PhD, Shinichiro Mori, PhD, Yoshiaki Kita, PhD, Masayuki Yanaqi,

Kan Tanabe, MD, Takaaki Arigami, PhD, Yuto Uchikado, PhD, Yoshikazu Uenosono, PhD, Tetsuhiro Nakajyo, PhD, Kosei Maemura, PhD, Shoji Natsugoe, Prof; Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University

### P563 Withdrawn

P564 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION WITH MESOFASCIAL SEPARATION VIA REDUCED PORT SURGERY FOR COLON CANCER Takako Tanaka, Shinichiro Mori, Yoshiaki Kita, Kenji Baba, Masayuki Yanagi, Yusuke Tsuruta, Yuko Mataki, Kosei Maemura, Yasuto Uchikado, Akihiro Nakajo, Shoji Natsugoe; Department of Digestive Surgery, Breast and Thyroid Surgery, Graduate School of Medicine, Kagoshima University

- P565 THREE PORTS LAPAROSCOPIC CHOLECYSTECTOMY, CLINICAL AMIGA EXPERIENCE - CALI, DECEMBER 2011-DECEMBER 2014 Claudia Ximena Millan Matta, phd, Monica Torres, phd; Clinical amiga colombia
- P566 IS LAPAROSCOPIC SURGERY AS EFFECTIVE AND FEASIBLE AS OPEN RESECTION FOR GASTRIC GASTROINTESTINAL STROMAL TUMORS (GIST) LAGER THAN 5CM? META-ANALYSIS Jianxin Cui, Aizhen Cai, Hongqing Xi, Kecheng Zhang, Rong Chen, Bo Wei, Lin Chen; Department of General Surgery, Chinese People's Liberation Army of General Hospital
- P567 MINI-LAPAROSCOPY WITH INTERCHANGEABLE, FULL 5MM END EFFECTORS: FIRST HUMAN USE OF A NEW MINIMALLY INVASIVE OPERATING PLATFORM FROM TWO ACADEMIC MEDICAL CENTERS Mena Boules, MD<sup>1</sup>, Julietta Chang, MD<sup>1</sup>, James Villamere, MD<sup>1</sup>, Gautam Sharma, MD<sup>1</sup>, John Rodriguez, MD<sup>1</sup>, Luigi Boni, MD<sup>2</sup>, Matthew Kroh, MD<sup>1</sup>; <sup>1</sup>Cleveland Clinic, <sup>2</sup>University of Insubria-Italy

### P568 Withdrawn

- P569 BIDIRECTIONAL APPROACH OF VIDEO ASSISTED NECK SURGERY (BAVANS) ENABLES ADVANCED ENDOSCOPIC LYMPH NODE DISSECTION IN THYROID CANCER SURGERY – INTRODUCTION OF A RIGID ENDOSCOPE WITH FLEXIBLE DIRECTION OF VIEW <u>Akiihro</u> <u>Nakajo, MD, PhD</u>, Hideo Arima, Yoshie Takae, Munetsugu Hirata, Yoshiaki Shinden, Yuko Kijima, Shoji Natsugoe; Kagoshima University Hospital
- P570 COMPARISON OF COSTS IN LAPAROSCOPIC INGUINAL HERNIA REPAIRS AMONG SURGEONS FROM A SINGLE INSTITUTION Steven Groene, MD, Tanushree Prasad, MA, Amy Lincourt, PhD, MBA, Brent Matthews, MD, B. Todd Heniford, MD, Vedra Augenstein, MD; Carolinas Medical Center
- P571 LAPAROSCOPIC GASTRECTOMIES FOR CANCER IN THE ELDERLY. SHORT AND LONG TERM OUTCOMES Marta Jimenez Toscano, PHD, Dulce Momblan, MD, Salvadora Delgado, Jorge Ordonez, Juan Carlos Baanante, Almenara Raul, <u>Raquel Bravo</u>, Maria Fernandez Hevia, Antonio Lacy; Hospital Clinic, Barcelona
- P572 LAPAROSCOPIC RESECTION OF GASTRIC GASTROINTESTINAL STROMAL TUMORS (G-GISTS) :A REPORT OF 25 CASES. Chaoyong Shen, MD, <u>Yuan Yin</u>; west china hospital
- P573 LAPAROSCOPIC RESECTION OF GASTROINTESTINAL STROMAL TUMORS (GISTS) ON THE POSTERIOR WALL OF THE STOMACH Zhen-Ling Ji, MD, PhD, Qing-Song Tao, MD; Southeast University School of Medicine

P574 OVERCOMING THE LEARNING CURVE IN A COMPLEX LAPAROSCOPIC PROCEDURE (LAPAROSCOPIC DONOR

**NEPHRECTOMY)** <u>Virinder K Bansal, Professor</u><sup>1</sup>, Devanshu Bansal<sup>1</sup>, Krishna Asuri<sup>1</sup>, Minz M<sup>2</sup>, Sarabjeet Singh<sup>2</sup>, Omprakash Prajapati<sup>1</sup>, Rajeshwari Subramaniam<sup>1</sup>, Mahesh C Misra<sup>1</sup>; <sup>1</sup>All India Institute of medical Sciences, <sup>2</sup>PGIMER, chandigarh

- P575 NEEDLESCOPIC SURGERY FOR LOW RECTAL CANCER Jun Nagata, Yosuke Fukunaga, Atsushi Ogura, Shunsuke Hamasaki, Yukiko Takatsu, Toshiya Nagasaki, Takashi Akiyoshi, Tsuyoshi Konishi, Yoshiya Fujimoto, Satoshi Nagayama, Masashi Ueno; The Cancer Institute Hospital of JFCR
- P576 CONCOMITANT TOTAL ROBOTIC PARAESOPHAGEAL AND INTRAPERICARDIAL HERNIA REPAIR IN AN ORTHOTOPIC HEART TRANSPLANT RECIPIENT Ehsan Benrashid, MD, Linda M Youngwirth, MD, Jacob N Schroder, MD, Sabino Zani, MD; Department of Surgery, Duke University Medical Center
- P577 SUPPLY COST VARIABILITY FOR ROBOTIC-ASSISTED PROSTATECTOMY AMONG HOSPITALS WITHIN A SINGLE HEALTHCARE SYSTEM <u>Steven Groene, MD</u>, Davis Heniford, Tanushree Prasad, MA, Amy Lincourt, PhD, MBA, Vedra Augenstein, MD, Brent Matthews, MD; Carolinas Medical Center
- P578 VIRTUAL TRANSLUMENAL ENDOSCOPIC SURGICAL TRAINER (VTEST<sup>TM</sup>): AN EVALUATION STUDY Jinling Wang, PhD<sup>1</sup>, Woojin Ahn, PhD<sup>2</sup>, Denis Dorozhkin, PhD<sup>2</sup>, Daniel B Jones, MD, MS, FACS<sup>3</sup>, Suvranu De, ScD<sup>2</sup>, <u>Caroline G.L. Cao, PhD<sup>1</sup></u>; <sup>1</sup>Wright State University, <sup>2</sup>Rensselaer Polytechnic Institute, <sup>3</sup>Beth Israel Deaconess Medical Center, Harvard Medical School
- P579 TAMIS-TME FOLLOWED BY RPS TECHNIQUE FOR DISTAL RECTAL CANCER Junichi Koike, MD, PhD, Kimihiko Funahashi, MD, PhD, Hiroyuki Shiokawa, MD, Mitsunori Ushigome, MD, PhD, Tomoaki Kaneko, MD, Akiharu Kurihara, MD, Hironori Kaneko, MD, PhD; Toho University Medical Center, Omori Hospital, Gastroenterological Surgery
- P580 PER ORAL ENDOSCOPIC MYOTOMY: OUTCOMES AND LESSONS LEARNED FROM STARTING A NEW POEM PROGRAM AT AN ACADEMIC INSTITUTION <u>Albert Huang</u>, <u>MD</u>, Vid Fikfak, MD, Carter Smith, MD, Nabil Tariq, Vadim Sherman, Lee Morris, Patrick Reardon, Brian Dunkin, MD; Houston Methodist
- P581 NEEDS ANALYSIS FOR DEVELOPING A VIRTUAL REALITY SIMULATOR FOR NOTES <u>Arun Nemani</u><sup>1</sup>, Woojin Ahn, PhD<sup>1</sup>, Denis Dorozhkin, PhD<sup>1</sup>, Steven Schwaitzberg, MD<sup>2</sup>, Daniel Jones, MD<sup>3</sup>, Suvranu De, ScD<sup>1</sup>; <sup>1</sup>Rensselaer Polytechnic Institute, <sup>2</sup>University at Buffalo School of Medicine and Biomedical Sciences, Harvard Medical School, <sup>3</sup>Beth Israel Deaconess Medical Center, Harvard Medical School
- P582 NOTES TRANSVAGINAL SURGERY: DEAD OR ALIVE IN 2015? RESULTS OF A SURVEY Alberto Raul Ferreres, MD, PhD, FACS, hon, Rosana Trapani, MD, Pablo Miguel, MD, Julieta Camelione, MD, Leandro Cardozo, MD, Paula Curvale, MD; University of Buenos Aires
- P583 TRANSANAL LAPAROSCOPIC REPAIR OF RECTAL ANASTOMOTIC LEAK USING SINGLE PORT DEVICE INNOVATED AND SAFE APPROACH Mohammed K Al Sibani, MDFRCSC<sup>1</sup>, Kin F Chin, MD, FRCS<sup>2</sup>, POk E Hong<sup>2</sup>; <sup>1</sup>Armed Forces Hospital, <sup>2</sup>University of Malaya
- P584 SHORT-TERM RESULTS OF DOWN-TO-UP TME BY TAMIS FOLLOWING TRANS-ANAL INTERSPHINCTERIC DISSECTION FOR VERY LOW RECTAL CANCER <u>Masaaki Ito</u>, Yuji Nishizawa, Takeshi Sasaki, Akihiro Kobayashi; National Cancer Center Hospital East
- P585 TREATMENT OF ACHALASIA WITH PERORAL ENDOSCOPIC MYOTOMY (POEM): ANALYSIS OF 42 CONSECUTIVE PATIENTS Erica. D Kane, MD, MPH<sup>1</sup>, Mersadies Martin, MD<sup>1</sup>, Amy Banks-Venegoni, MD<sup>2</sup>, David B Earle, MD<sup>1</sup>, David J Desilets, MD, PhD<sup>1</sup>, John R Romanelli, MD<sup>1</sup>; <sup>1</sup>Baystate Medical Center, <sup>2</sup>Spectrum Health Medical Group, Grand Rapids, MI
- P586 SEVERE HYDRONEPHROSIS AND PERINEPHRIC URINOMA WITH RUPTURE OF RENAL FORNIX SECONDARY TO POST-OPERATIVE URINARY RETENTION FOLLOWING LAPAROSCOPIC UMBILICAL HERNIA REPAIR, A CASE REPORT. Anthony Dakwar, MD, James Wysock, MD, James Satterfield, MD; New York-Presbyterian/Queens

- P587 LAPAROSCOPIC VERSUS OPEN SURGERY IN PATIENTS WITH PSYCHIATRIC COMORBIDITY: A RETROSPECTIVE STUDY AT THE LARGEST PSYCHIATRIC CENTER IN JAPAN. Baongoc Nasri, MD<sup>1</sup>, Masanori Tada, PhD, MD<sup>1</sup>, Ken Yuu, MD<sup>1</sup>, Marius Calin, MD<sup>2</sup>; <sup>1</sup>Tokyo Metropolitan Matsuzawa Hospital, <sup>2</sup>Saint Vincent Hospital Indianapolis
- P588 UTILIZING ACTIVITY TRACKERS AS A NOVEL STRATEGY TO INCREASE POSTOPERATIVE AMBULATION AND EVALUATE THE IMPACT OF MOBILITY ON BARIATRIC SURGERY OUTCOMES Ryan Macht, MD<sup>1</sup>, Amy Holmstrom, BA<sup>2</sup>, Kathryn Van Orden, MD<sup>1</sup>, Kevin Wong, BA<sup>2</sup>, Anthony Khalifeh, BA<sup>2</sup>, Brian Carmine, MD, FACS<sup>1</sup>, David McAneny, MD, FACS<sup>1</sup>, Donald Hess, MD, FACS<sup>1</sup>; <sup>1</sup>Boston Medical Center, <sup>2</sup>Boston University School of Medicine
- P589 INTRACORPOREAL TRIANGULAR ANASTOMOTIC TECHNIQUE FOR BILLROTH I RECONSTRUCTION AFTER LAPAROSCOPIC DISTAL GASTRECTOMY <u>Hirotaka Sasada, PhD</u><sup>1</sup>, Fumihiro Wakayama<sup>1</sup>, Takehiro Sakai<sup>1</sup>, Kohji Nagao<sup>1</sup>, Tadashi Iwabuchi<sup>1</sup>, Nobuo Yagihashi<sup>1</sup>, Shunnichi Takaya<sup>1</sup>, Juno Nagayama<sup>2</sup>, Tsuyoshi Murakami<sup>3</sup>; <sup>1</sup>Tsugaru General Hospita, <sup>2</sup>Tokiwakai Hospital, <sup>3</sup>Hirosaki University
- P590 NOVEL PROGNOSTIC FACTOR IN THE COLORECTAL CANCER PATIENTS WHO UNDERWENT LAPAROSCOPIC SURGERY Toshihiro Nakao, Mitsuo Shimada, Kozo Yoshikawa, Jun Higashijima, Takuya Tokunaga, Masaaki Nishi, Chie Takasu, Hideya Kashihara; Department of Surgery, The University of Tokushima
- P591 A SIMPLIFIED AND VALIDATED RISK SCORE OF MALPRACTICE LITIGATION IN MINIMALLY INVASIVE SURGERY (MIS) Alberto Raul Ferreres, MD, PhD, FACS, hon, Rosana Trapani, MD, Alberto Rancati, MD, Julieta Camelione, MD; University of Buenos Aires
- P592 CHEMICAL PYLOROPLASTY WITH BOTULINUM TOXIN (BOTOX®) DURING SLEEVE GASTRECTOMY – A RETROSPECTIVE ANALYSIS OF STAPLE-LINE LEAK RATES Robert C Perez, MD, Vladimir Davidyuk, MD, Jason J Arellano, MD, T. Paul Singh, MD, Brian R Binetti, MD, Daniel J Bonville, DO, Steven C Stain, MD; Albany Medical Center
- P593 THE PREDICTIVE ABILITY OF C-REACTIVE PROTEIN FOR COMPLICATIONS AFTER LAPAROSCOPY-ASSISTED GASTRECTOMY Kecheng Zhang, Hongqing Xi, Jianxin Cui, Bo Wei, Ning Wang, Shibo Bian, Liangang Ma, <u>Lin Chen</u>; Department of General Surgery, Chinese People's Liberation Army of General Hospital
- P594 INCIDENCE OF METASTASES TO THE ABDOMINAL WALL FOLLOWING PERCUTANEOUS ENDOSCOPIC GASTROSTOMY PLACEMENT IN PATIENTS WITH HEAD AND NECK CANCER Eleanor Fung, MD<sup>1</sup>, Edward L Jones, MD<sup>2</sup>, David Strosberg<sup>1</sup>, Rebecca Dettorre<sup>1</sup>, Andrew Suzo<sup>1</sup>, Michael P Meara<sup>1</sup>, Vimal K Narula<sup>1</sup>, Jeffrey W Hazey<sup>1</sup>; <sup>1</sup>The Ohio State University Wexner Medical Centre, <sup>2</sup>Department of Surgery, University of Colorado at Denver
- P595 CLINICAL SIGNIFICANCE OF SURGICAL ENERGY INDUCED BIOMOLECULAR INFLAMMATORY RESPONSE OBSERVED IN PATIENTS UNDERGOING LAPAROSCOPIC SURGERY-RESULTS OF A TRIPLE BLIND RANDOMIZED STUDY Brij B Agarwal, MBBS, MS<sup>1</sup>, Juhil D Nanavati, MBBS<sup>1</sup>, Nayan Agarwal, MBBS, STUDENT<sup>2</sup>, Murali K Bethanbhatla, MBBS<sup>1</sup>, Neeraj Dhamija, MBBS, DNB<sup>1</sup>, Kumar Manish, MBBS<sup>1</sup>, Satish Saluja, MBBS, MD<sup>1</sup>, Naveen Sharma, MBBS, MS<sup>2</sup>, Sneh Agarwal, MBBS, MS<sup>3</sup>; <sup>1</sup>Sir Ganga Ram Hospital & GangaRam Institute of Postgraduate Medical Education & Research, <sup>2</sup>University College of Medical Sciences & GTB Hospital, New Delhi, <sup>3</sup>Lady Hardinge Medical College, New Delhi
- P596 COMMON BILE DUCT PERFORATION BY BILIARY STENTS POST-ERCP: CASE-REPORTS AND LITERATURE REVIEW OF MANAGEMENT. Nehemiah Samuel, Mr, Alex Wheeler, Dr, Muhammad H Shiwani, Mr, Ahmed Masri, Mr; Barnsley Hospital NHS Foundation Trust
- P597 INSTITUTIONAL REVIEW OF THERAPEUTIC ENOXAPARIN HEMORRHAGIC COMPLICATIONS IN MORBID OBESITY Ellen A Carraro, MD, Dean J Mikami, MD, Bradley J Needleman, MD, Sabrena F Noria, MD, PhD; The Ohio State Wexner Medical Center

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- P598 HOW DO WE VALUE POSTOPERATIVE RECOVERY? SYSTEMATIC REVIEW OF THE MEASUREMENT PROPERTIES OF PATIENT-REPORTED OUTCOME INSTRUMENTS TO MEASURE RECOVERY AFTER ABDOMINAL SURGERY Julio F Fiore Jr, PhD, Sabrina Figueiredo, MSc, Lawrence Lee, PhD, Benedicte Nauche, MLIS, Nancy Mayo, PhD, Liane S Feldman, MD; McGill University Health Centre
- P599 PREOPERATIVE BODY MASS INDEX PREDICTS TWO-YEAR WEIGHT LOSS OUTCOMES FOLLOWING LAPAROSCOPIC FUNDOPLICATION Lava Y Patel, MD<sup>1</sup>, Nicolas J Bonamici, BA<sup>1</sup>, Thomas

J Stringer, BA<sup>1</sup>, Joseph D Morrison, BS<sup>1</sup>, Matthew E Gitelis, BS<sup>1</sup>, Yalini Vigneswaran, MD<sup>2</sup>, Brittany Lapin, PhD<sup>1</sup>, John G Linn, MD<sup>1</sup>, Michael B Ujiki, MD<sup>1</sup>; <sup>1</sup>NorthShore University HealthSystem, <sup>2</sup>University of Chicago Pritzker School of Medicine

- P600 TREATMENT OF HIGH-OUTPUT THORASIC CHYLE FISTULA WITH TRANSABDOMINAL EMBOLIZATION OF CYSTERNA CHYLI; A CASE REPORT. Oguzhan Ozsay<sup>2</sup>, <u>Osman Nuri Dilek</u><sup>1</sup>, Volkan Cakir<sup>2</sup>, Selda Gucek Haciyanli<sup>2</sup>, Omur Balli<sup>2</sup>, Emine Ozlem Gur<sup>1</sup>, Mehmet Haciyanli<sup>1</sup>; <sup>2</sup>Ataturk Research and Education Hospital, <sup>1</sup>Katip Celebi University School of Medicine
- P601 SUCCESSFUL PERITONEAL DIALYSIS PROGRAM FROM A SURGICAL PERSPECTIVE: A CASE SERIES OF LAPAROSCOPIC PERITONEAL DIALYSIS CATHETER PATIENTS Sarah Markham, Wayne S Lee, MD, Tony Chan, MD, Jonathan D Svahn, MD, FACS; Department of Surgery, Kaiser Permanente Oakland, California
- P602 A NOVEL APPROACH AT REDUCING AVOIDABLE POST-BARIATRIC SURGERY ER VISITS AND READMISSIONS Van S Leavitt, DO, David Podkameni, MD, Flavia Soto, MD, Albert Chen, MD, Emil Graf, MD, Jill Gorsuch, DO, MPH, Sarah Whitehead; Banner Gateway Medical Center
- P603 SURGICAL OUTCOMES OF PATIENTS WITH CIRRHOTIC OR NON-CIRRHOTIC LIVER DISEASE IN AN ACUTE CARE SETTING: AN ANALYSIS OF THE NATIONWIDE INPATIENT SAMPLE Punam V Patel, MD, Sri Ram Pentakota, MD, MPH, PHD, Aziz Merchant, MD; Rutgers -NJMS
- P604 VIDEO ANALYSIS OF SURGERY: DEFINING THE DATA SET OF THE FUTURE Oliver A Varban, MD, FACS<sup>1</sup>, Adam Niemann, BS<sup>2</sup>, Jon Schram, MD<sup>3</sup>, Arthur M Carlin, MD, FACS<sup>4</sup>, Steven C Poplawski, MD, FACS<sup>5</sup>, Justin B Dimick, MD, MPH, FACS<sup>1</sup>; <sup>1</sup>University of Michigan Health System, <sup>2</sup>University of Michigan School of Medicine, <sup>3</sup>Spectrum Health Medical Group, MI, <sup>4</sup>Wayne State University, Henry Ford Health System, <sup>5</sup>Forest Health Medical Center
- P605 BILIARY STENT MIGRATION PRESENTED AS ABDOMINAL WALL ABSCESS; CASE REPORT AND LITERATURE REVIEW. <u>Hany Fahmy, MD,</u> <u>FRCSI, FACS</u>, Ahmed Elsayed, Ahmed Dwid; Royal Commission Medical Center
- P606 COST OF ROBOTIC HERNIA SURGERY <u>Amareshewar Chiruvella,</u> <u>MD</u>, Daniel Lomelin, MPH, Vishal Kothari, MD, Dmitry Oleynikov, MD; University of Nebraska Medical Center
- P607 THE QUALITY OF SURVEY METHODOLOGY IN THE SURGICAL LITERATURE: A CALL FOR PUBLICATION GUIDELINES? Sami Chadi, <u>MD</u><sup>1</sup>, Biniam Kidane, MD<sup>2</sup>, Patrick H Colquhoun, MD<sup>3</sup>, Nawar AlKhamesi, MD<sup>3</sup>, Christopher M Schlachta<sup>3</sup>, Steven D Wexner, MD, PhD, Hon<sup>1</sup>; <sup>1</sup>Digestive Disease Center, Cleveland Clinic Florida, <sup>2</sup>Division of Thoracic Surgery, University of Toronto, Toronto, Canada, <sup>3</sup>Division of General Surgery, Western University, London, Canada
- P608 CLAIMS AND OUTCOMES OF LAWSUITS AFTER ANTIREFLUX SURGERY IN THE UNITED STATES Joshua A Boys, MD<sup>1</sup>, Brian Hoffman, JD<sup>2</sup>, Daniel S Oh, MD<sup>1</sup>, Jeffrey A Hagen, MD<sup>1</sup>, Brenda Radmacher, JD<sup>2</sup>, Evan T Alicuben, MD<sup>1</sup>, Steven R DeMeester, MD<sup>1</sup>; <sup>1</sup>University of Southern California, Keck School of Medicine, Los Angeles, California, <sup>2</sup>Wood Smith Henning & Berman
- P609 HORMONAL STATUS AND POST-SURGICAL HAIR LOSS IN FEMALE BARIATRIC PATIENTS <u>Ami Rao-Zawadzki</u>, Timothy M Farrell, MD, David W Overby, MD; UNC School of Medicine

P610 COMPARISON BETWEEN LAPAROSCOPIC SURGERY VS OPEN SURGERY IN PATIENTS WITH INTERSTITIAL LUNG DISEASE Kentaro

Hayashi, MD<sup>1</sup>, Nobuyasu Kano, MD<sup>1</sup>, Kei Nakashima, MD<sup>2</sup>, Hiroshi Sugimura, MD<sup>3</sup>, Hiroshi Kusanagi, MD<sup>1</sup>; <sup>1</sup>Kameda Medical Center Gastroenterological Surgery, <sup>2</sup>Kameda Medical Center Respiratory Medicine, <sup>3</sup>Kameda Medical Center Thoracic Surgery

- P611 STRUCTURED EARLY AMBULATION PROTOCOLS AND POST-OPERATIVE PAIN FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY – IS THERE A RELATIONSHIP? Brian Housman, MD, Prasanthi Sunkesula, MD, Krystyna Kabata, PA, Anthony Tortolani, MD, Piotr Gorecki, MD; New York Methodist Hospital
- P612 IMPACT OF RESECTION TYPE FOR ADENOCARCINOMA AND CARCINOID TUMORS OF THE SMALL INTESTINE: A REVIEW OF THE NSQIP DATASET Joseph Broucek, MD, Randal Zhou, MD, John Kubasiak, MD, Jennifer Poirier, PhD, Jonathan Myers, MD, FACS, Minh Luu, MD, FACS; Rush University Medical Center
- P613 IMPACT OF AN ENHANCED RECOVERY PROGRAM (ERP) ON CLINICAL OUTCOMES AND INSTITUTIONAL COSTS IN ELECTIVE LAPAROSCOPIC COLORECTAL RESECTIONS. <u>Carlo V. Feo, MD, FACS</u><sup>1</sup>, Mattia Portinari, MD<sup>1</sup>, Simona Ascanelli, MD<sup>1</sup>, Simone Targa<sup>1</sup>, Maria Elisabete Dos Santos Valgode, RN<sup>1</sup>, Barbara Bonvento<sup>2</sup>, Emidia Vagnoni<sup>2</sup>, Stefano Camerani<sup>3</sup>, Marco Verri, MD<sup>3</sup>, Carlo Alberto Volta<sup>3</sup>; <sup>1</sup>Department of Surgery, University of Ferrara, Ferrara, Italy, <sup>2</sup>Department of Economy, University of Ferrara, Ferrara, Italy, <sup>3</sup>Department of Anesthesiology, University of Ferrara, Ferrara, Italy
- P614 INCREASED BLOOD LOSS AND EXTENDED POSTOPERATIVE LENGTH OF STAY AFTER OPEN PROSTATECTOMY COMPARED TO ROBOTIC-ASSISTED PROSTATECTOMY Steven Groene, MD, Davis Heniford, James Mark, MD, Tanushree Prasad, MA, Amy Lincourt, PhD, MBA, Vedra Augenstein, MD, Brent Matthews, MD; Carolinas Medical Center
- P615 CLINICAL EFFICACY OF ENHANCED RECOVERY AFTER SURGERY IN THE RADICAL GASTRECTOMY FOR GASTRIC CANCER: A PROSPECTIVE STUDY <u>Yanbing Zhou</u>, Cheng Meng, Shougen Cao; Affiliated Hospital of Qingdao University
- P616 SAFELY DISCHARGING PATIENTS AFTER COLONOSCOPY: AN EVALUATION OF THE MODIFIED ALDRETE SCORE Bradley Evans, BSc, Hons, MD<sup>1</sup>, M Borgaonkar, MD, FRCPC<sup>1</sup>, D Pace, MD, FRCSC<sup>1</sup>, N Hickey, BSc, MD<sup>2</sup>, J McGrath, MD, FRCPC<sup>1</sup>; <sup>1</sup>Memorial University of Newfoundland, <sup>2</sup>Dalhousie University
- P617 PREVENTABLE ELECTROLYTE DISTURBANCES AND ANEMIA ARE ASSOCIATED WITH INCREASED RATES OF READMISSION FOLLOWING MINIMALLY INVASIVE ESOPHAGECTOMY Michelle C. Nguyen, MD<sup>1</sup>, Carl R Schmidt, MD, FACS<sup>2</sup>, Robert E Merritt, MD<sup>3</sup>, David S Strosberg, MD<sup>1</sup>, David B Renton, MD<sup>1</sup>, Lisa Graham, MSN, RN, RNBC<sup>2</sup>, Kristen Johnson, MHA<sup>2</sup>, Susan D Moffatt-Bruce, MD, PhD, FACS<sup>3</sup>; <sup>1</sup>The Ohio State University Wexner Medical Center, <sup>2</sup>The James Cancer Hospital and Solove Research Institute at The Ohio State University Wexner Medical Center, <sup>3</sup>Richard M. Ross Heart Hospital at The Ohio State University Wexner Medical Center
- P618 LAPAROSCOPIC-ASSISTED PERITONEAL DIALYSIS CATHETER PLACEMENT REMAINS A MORE EXPENSIVE METHOD OF PLACING A CATHETER Christopher Crawford, MD, Daniel Lomelin, MPH, Bradley Hall, MD, Vishal Kothari, MD; University of Nebraska Medical Center
- P619 PREDICTORS OF OPIOID RELATED ADVERSE EVENTS IN OPEN AND LAPAROSCOPIC COLORECTAL SURGERY Deborah S Keller, MS, MD<sup>1</sup>, David R Flum, MD, MPH, FACS<sup>2</sup>, Eric M Haas, MD, FACS, FASCRS<sup>3</sup>; <sup>1</sup>Colorectal Surgical Associates, <sup>2</sup>University of Washington, <sup>3</sup>Colorectal Surgical Associates; Houston Methodist Hospital; University of Texas Medical Center at Houston
- P620 IMPACT OF OBESITY ON CHOLECYSTECTOMY SURGERY Christopher J Neylan, BA, Daniel T Dempsey, MD, MBA, Kenneth Lee, MD, PhD, Rachel R Kelz, MD, Noel N Williams, MD, Kristoffel R Dumon, MD; Hospital of the University of Pennsylvania

P621 LAPAROSCOPIC AND CONVERTED APPROACH BENEFITS PATIENTS IN COMPLICATED DIVERTICULITIS <u>Trevor Teetor</u>, MD, Ted Bell, MS, Rod Grim, PhD, Vanita Ahuja, MD, MPH; WellSpan York Hospital

### P622 Withdrawn

- P624 ROBOTIC ASSISTED GENERAL SURGERY: REALLY COST PROHIBITIVE? Wanda M Good, DO, Jason Cundiff, MD, Sherri L Finn, Alainna Simpson; Pacific Northwest University of Health Sciences
- P625 ROBOTIC PROCTECTOMY FOR RECTAL CANCER: ANALYSIS OF 71 PATIENTS FROM A SINGLE INSTITUTION Philip M Spanheimer, MD<sup>1</sup>, John G Armstrong, MD<sup>1</sup>, Sunyang Fu, BBA<sup>1</sup>, Junlin Liao, PhD<sup>1</sup>, Scott E Regenbogen, MD<sup>2</sup>, John C Byrn, MD<sup>1</sup>; <sup>1</sup>University of Iowa, <sup>2</sup>University of Michigan
- P626 ROBOTIC VIDEO ASSISTED THORACOSCOPY MINIMALLY INVASIVE APPROACH FOR MANAGEMENT OF MEDIASTINAL TUMORS Pejman Radkani, MD, Devendra Joshi, MD, Tushar Barot, MD, MPH, Roy Williams, MD; Mount Sinai Medical Center
- P627 CLINICAL EVALUATION OF COMPLETE SOLO-SURGERY WITH THE ROBOTIC LAPAROSCOPE MANIPULATOR "VIKY®" <u>M Takahashi,</u> <u>MD<sup>1</sup></u>, N Nishinari, MD<sup>1</sup>, H Matsuya<sup>1</sup>, M Takahashi, MD<sup>2</sup>, T Tosha, MD<sup>2</sup>, Y Minagawa<sup>2</sup>, C Tono, MD<sup>2</sup>, T Yoshida<sup>2</sup>; <sup>1</sup>Morioka Yu-ai hospital, <sup>2</sup>Iwate Prefectural Kuji Hospital
- P628 OUTCOMES OF ROBOTIC-ASSISTED VERSUS LAPAROSCOPIC REPAIR OF SMALL SIZE VENTRAL HERNIAS Y. Julia Chen, MD, Desmond Huynh, BS, Kam Hei Tsuei, BA, MA, Celia M Divino, MD, Edward Chin, MD, Scott Nguyen, MD, Linda Zhang, MD; Mount Sinai Medical Center
- P629 SAFETY OF ROBOTIC THYROIDECTOMY FOR ADVANCED DIFFERENTIATED THYROID CARCINOMA Young Jun Chai<sup>1</sup>, <u>Hyunsuk</u>. <u>Suh<sup>2</sup></u>, Jung-Woo Woo<sup>3</sup>, Hyeong Won Yu<sup>3</sup>, Ra-Yeong Song<sup>3</sup>, Hyungju Kwon<sup>3</sup>, Su-jin Kim<sup>3</sup>, June Young Choi<sup>4</sup>, Seong Ho Yoo<sup>5</sup>, Kyu Eun Lee<sup>3</sup>; <sup>1</sup>Department of Surgery, Seoul National University Boramae Medical Center, 20 Boramae-ro 5-gil, Dongjak-gu, Seoul, <sup>2</sup>Department of Surgery, Mount Sinai Beth Israel Hospital, Icahn School of Medicine at Mount Sinai, New York, USA, <sup>3</sup>Department of Surgery, Seoul National University Hospital and College of Medicine, 101 Daehak-ro, Jongno-gu, Seoul, 110-744, Korea, <sup>4</sup>Department of Surgery, Seoul National University Bundang Hospital and College of Medicine, 300 Gumi-dong, Bundanggu, Seongnam, 463-707, Korea, <sup>5</sup>Seoul National University Hospital, Biomedical Research Institute and Institute of Forensic Medicine, Seoul National University College of Medicine, Seoul, Republic of Korea.
- P630 EARLY EXPERIENCE WITH THE DA VINCI XI SURGICAL SYSTEM IN DIGESTIVE SURGERY Monika E Hagen, Minoa K Jung, Leo Buehler, Christian Toso, Jassim Fakhro, Philippe Morel; University Hospital Geneva
- P631 ROBOTIC VERSUS LAPAROSCOPIC LYMPH NODE DISSECTION FOR COLORECTAL CANCER David Lisle, Alodia Gabre-Kidan, Ravi Pasam, Daniel Feingold, P Ravi Kiran, Steven Lee-Kong; Columbia University Medical Center
- P632 NATIONWIDE TRENDS IN ROBOTIC GENERAL SURGERY John N Afthinos, MD, Roman Grinberg, MD, Karen E Gibbs, MD; Staten Island University Hospital
- P633 ROBOTIC SINGLE-INCISION CHOLECYSTECTOMY: A RETROSPECTIVE REVIEW OF A NEW TECHNIQUE Eugenia Kang, MD, Diane Kwan, MD; John Muir Medical Center
- P634 EFFECT OF SURGICAL TECHNIQUE ON PAIN AND NARCOTIC USE AFTER ROBOT-ASSISTED AND OPEN DISTAL PANCREATECTOMY <u>Ammara A Watkins, MD</u><sup>1</sup>, Sjors Klompmaker<sup>1</sup>, William E Gooding<sup>2</sup>, Manuel Castillo-Angeles<sup>1</sup>, Yufei Liu, PhD<sup>1</sup>, Jennifer F Tseng, MD, MPH<sup>1</sup>, Mark P Callery, MD<sup>1</sup>, Tara S Kent, MD<sup>1</sup>, A. James Moser, MD<sup>1</sup>; <sup>1</sup>Pancreas and Liver Institute, Beth Israel Deaconess Medical Center and Harvard Medical School, <sup>2</sup>Biostatistics Facility, University of Pittsburg Cancer Institute

- P635 SYSTEMATIC REVIEW OF ROBOTIC-ASSISTED THYMECTOMY AND META-ANALYSIS OF ROBOTIC VERSUS VIDEO-ASSISTED AND TRANSSTERNAL THYMECTOMY FOR MYASTHENIA GRAVIS AND ANTERIOR MEDIASTINAL MASSES Joshua Parreco, MD, Kandace Kichler, MD, Marcus Eby, MD, Rennier Martinez, MD, Robert Scoma, MD; University of Miami
- P636 SURGICAL OUTCOMES OF TRANSAXILLARY ROBOTIC THYROIDECTOMY FOR GRAVES' DISEASE: COMPARISON OF SINGLE-INCISION AND DOUBLE-INCISION Eun Jeong Ban, Min Jhi Kim, JungBum Choi, Taehyung Kim, Seul Gi Lee, Cho Rok Lee, Sang Wook Kang, Jandee Lee, Jong Ju Jeong, Kee-Hyun Nam, Woong Youn Chung, Cheong Soo Park; Department of Surgery, Yonsei University College of Medicine, Seoul, Korea
- P637 A RETROSPECTIVE COMPARISON OF ROBOTIC CHOLECYSTECTOMY VS. LAPAROSCOPIC CHOLECYSTECTOMY: OPERATIVE OUTCOMES AND COST ANALYSIS David S Strosberg, MD<sup>1</sup>, Michelle C Nguyen, MD<sup>1</sup>, Peter Muscarella II, MD<sup>2</sup>, Vimal K Narula, MD<sup>1</sup>; <sup>1</sup>The Ohio State University Wexner Medical Center, <sup>2</sup>Montefiore Medical Center
- P638 INCISIONAL HERNIAS AFTER ROBOTIC ASSISTED SURGERY Michael B Huck, MD, Myron Powell, MD, Stephen McNatt, MD, Carl Westcott, MD, Adolfo Fernandez, MD; Wake Forest Baptist Health
- P639 USE OF INDOCYANINE GREEN FLUORESCENCE FOR PARATHYROID GLANDS PRESERVATION IN BILATERAL AXILLO-BREAST APPROACH ROBOTIC THYROIDECTOMY Joon Woo Chung<sup>1</sup>, Joon-Hyop Lee<sup>1</sup>, <u>Hyeong Won Yu</u><sup>2</sup>, Hyungju Kwon<sup>2</sup>, Su-Jin Kim<sup>2</sup>, Young Jun Chai<sup>3</sup>, June Young Choi<sup>1</sup>, Seong Ho Yoo<sup>2</sup>, Kyu Eun Lee<sup>2</sup>; <sup>1</sup>Seoul National University Bundang Hospital, <sup>2</sup>Seoul National University Hospital, <sup>3</sup>Seoul National University Boramae Medical Center
- P640 IMPORTANCE OF ROBOTIC TRAINING CURRICULUM FOR THE SURGICAL ONCOLOGIST: DIRECT CORRELATION BETWEEN ROBOTIC TRAINING AND CURRENT USE OF ROBOTICS. Federico Tozzi, Sinziana Dumitria, MD, MScEpi, Micheal White, MD, Byrne Lee, MD, Leanne Goldstein, Gagandeep Singh, MD, Yuman Fong, MD, Yanghee Woo, MD; City of Hope - National Cancer Center
- P641 ROBOTIC SINGLE SITE CHOLECYSTECTOMY: MIS FELLOWSHIP PROGRAM EXPERIENCE WITH THE FIRST 135 CASES IN A NEW YORK CITY COMMUNITY MEDICAL CENTER Thomas J Shaknovsky, DO, Frederick Sabido, MD, FACS; Richmond University Medical Center, Affiliate of Downstate Medical Center, Department of Minimally Invasive Surgery
- P642 MONOPOLAR INSTRUMENTS TRANSFER STRAY ENERGY DURING ROBOTIC SURGERY Douglas M Overbey, MD<sup>2</sup>, Edward L Jones, MD, MS<sup>1</sup>, Douglas Hirth, MD<sup>2</sup>, Teresa S Jones, MD, MS<sup>1</sup>, Thomas N Robinson, MD, MS<sup>1</sup>; <sup>2</sup>University of Colorado, Department of Surgery, <sup>1</sup>Denver Veteran's Affairs Hospital, Department of Surgery
- P643 ROBOTIC ASSISTED CHOLECYSTECTOMY IN THE COMPLEX, COMORBID POPULATION: SAFER? <u>Wanda M Good, DO</u>, Jason Cundiff, MD, Sherri L Finn, Alainna Simpson; Pacific Northwest University of Health Sciences
- P644 ROBOTIC TRANS-ABDOMINAL PRE-PERITONEAL INGUINAL HERNIA REPAIR: IS THERE A BENEFIT? Salvatore Docimo, Jr., DO, Hayk Stepanyan, Josh S Winder, Randy S Haluck, Jerome R Lyn-Sue; Penn State Hershey Medical Center

### P645 VOICE CHANGE IN ROBOTIC VERSUS OPEN THYROIDECTOMY:

PRELIMINARY RESULTS Ra-Yeong Song<sup>1</sup>, Jin Wook Yi<sup>1</sup>, <u>Hyeong Won</u> Yu<sup>1</sup>, Joon-Hyop Lee<sup>2</sup>, Hyungju Kwon<sup>1</sup>, Su-jin Kim<sup>1</sup>, Young Jun Chai<sup>3</sup>, June Young Choi<sup>2</sup>, Seong Ho Yoo<sup>4</sup>, Kyu Eun Lee<sup>1</sup>; <sup>1</sup>Department of Surgery, Seoul National University Hospital and College of Medicine, 101 Daehakro, Jongno-gu, Seoul, Korea, <sup>2</sup>Department of Surgery, Seoul National University Bundang Hospital and College of Medicine, 300 Gumi-dong, Bundang-gu, Seongnam, Korea, <sup>3</sup>Department of Surgery, Seoul National University Boramae Medical Center, 20 Boramae-ro 5-gil, Donjak-gu, Seoul, Korea, <sup>4</sup>Seoul National University Hospital, Biomedical Research Institute of Forensic Medicine, Seoul National University College of Medicine, 101 Daehak-ro, Jongno-gu, Seoul, Korea

P646 ROBOTIC SINGLE-INCISION CHOLECYSTECTOMY, ALTHOUGH A FEASIBLE AND SAFE OPTION, DRAMATICALLY INCREASES OPERATIVE TIME WHEN COMPARED TO SINGLE-INCISION LAPAROSCOPIC CHOLECYSTECTOMY Maureen D Moore, MD, Jonathan Abelson, MD, Renee Tholey, MD, Suraj Panjwani, MBBS, Rasa

Zarnegar, MD, Cheguevara Afaneh, MD; New York Presbyterian Hospital-Weill Cornell Medical Center

P647 FIREFLY UTIIZATION IN ROBOTIC CHOLECYSTECTOMY: SAFER FOR THE PATIENT? Eric L DuBois, MD, Stan C Hewlett, MD, FACS; Baptist Health System

- P648 CONCURRENT ROBOTIC-ASSISTED LAPAROSCOPIC PARAESOPHAGEAL HIATAL HERNIA REPAIR WITH FUNDOPLICATION AND ROBOTIC-ASSISTED VIDEO-THORACOSCOPIC RIGHT UPPER LOBECTOMY FOR LUNG CANCER Eric M Toloza, MD, PhD<sup>1</sup>, David M Straughan, MD<sup>2</sup>, Jonathan Hernandez, MD<sup>2</sup>, Joseph R Garrett, ARNPC, MPH<sup>1</sup>, Maki Yamamoto, MD<sup>2</sup>, Tannous Fakhry, MD<sup>2</sup>, Carla C Moodie, PAC<sup>1</sup>, Kenneth L Meredith, MD<sup>1</sup>; <sup>1</sup>Moffitt Cancer Center, <sup>2</sup>University of South Florida Morsani College of Medicine
- P649 COMPARISON OF ROBOTIC VERSUS LAPAROSCOPIC REVISIONAL BARIATRIC SURGERY James L Taggart, MD, Julio Teixeira, MD; Lenox Hill Hospital
- P650 DAVINCI SINGLE INCISION CHOLECYSTECTOMY: A SUCCESSFUL RURAL BASED PRACTICE EXPERIENCE. Sofiane El Djouzi, Sean McClamon; Poplar Regional Medical Center
- P651 ROBOTIC-ASSISTED COLORECTAL SURGERY IN OBESE PATIENTS: A CASE-MATCHED SERIES Jeffrey N Harr, MD, MPH<sup>1</sup>, <u>Samuel Luka, MD<sup>1</sup></u>, Aman Kankaria<sup>2</sup>, YenYi Juo, MD, MPH<sup>1</sup>, Samir Agarwal, MD<sup>1</sup>, Vincent Obias, MD<sup>1</sup>; <sup>1</sup>The George Washington University, <sup>2</sup>University of Maryland College Park
- P652 1996-2016. 20 YEARS OF ROBOTIC SURGERY IN MEXICO. THE EXPERIENCE AT OUR HOSPITAL Harry S Miller, MD<sup>1</sup>, Jonathan M Sackier, MD<sup>2</sup>; <sup>1</sup>H.G.R. 20 Instituto Mexicano del Seguro Social, <sup>2</sup>Oxford University Nuffield Department of Surgical Sciences
- P653 POTENTIAL ADVANTAGES OF ROBOT-ASSISTED GASTRECTOMY OVER LAPAROSCOPY-ASSISTED GASTRECTOMY REGARDING LYMPHADENECTOMY IN GASTRIC CANCER Kecheng Zhang,

Hongqing Xi, Jianxin Cui, Shibo Bian, Liangang Ma, Jiyang Li, Bo Wei, <u>Lin</u> <u>Chen</u>; Department of General Surgery, Chinese People's Liberation Army of General Hospital

P654 ROBOT-ASSISTED CHOLEDOCHOTOMY AND COMMON BILE DUCT EXPLORATION AS AN OPTION FOR COMPLEX CHOLEDOCHOLITHIASIS Ahmed Almamar, MD, MSc, FRCSC, Heather

Emmerton-Coughlin, MD, FRCSC, Nawar Alkhamesi, MD, PhD, FRCS, Gen, Surg, FRCS, FRCSEd, Christopher M Schlachta, BSc, MDCM, FRCSC, FACS; Department of Surgery, Western University and Canadian Surgical Technologies and Advanced Robotics (CSTAR), London, Canada

### P655 NEED HELP WITH PORT-PLACEMENT IN ROBOT-ASSISTED

**SURGERY: A SURVEY STUDY** Jinling Wang, PhD, Katherine S Lin, MD, Keith A Watson, MD, Michael L Galloway, DO, Minia Hellan, MD, <u>Caroline</u> <u>G.L. Cao, PhD</u>; Wright State University

P656 ROBOTIC VERSUS LAPAROSCOPIC DISTAL PANCREATECTOMY: A META-ANALYSIS OF SHORT-TERM OUTCOMES Jia-Yu Zhou, MD<sup>1</sup>, Yi-Ping Mou, MD, FACS<sup>2</sup>, Xiao-Wu Xu, MD<sup>2</sup>, Yu-Cheng Zhou, MS<sup>2</sup>, Chao Lu, MS<sup>1</sup>, Rong-Gao Chen, MS<sup>1</sup>; <sup>1</sup>Zhejiang University, <sup>2</sup>Zhejiang Provincial People Hospital

P657 ROBOT SINGLE-SITE CHOLECYSTECTOMY : EARLY EXPERIENCE OF FIRST 1 YEAR Jae Hoon Lee, Ki Byung Song, Dae Wook Hwang, Song Cheol Kim, Kwang-Min Park, Young-Joo Lee; Asan Medical Center, Seoul, Korea

P658 LONG-TERM RESULT OF HYBRID-TYPE ENDOSCOPIC THYROIDECTOMY (HET) FOR DIFFERENTIATED THYROID CARCINOMA INCLUDING NOVEL SINGLE-INCISION ENDOSCOPIC THYROIDECTOMY (SIET) TO TESTIFY CURABILITY Masayuki Tori, MD,

<u>PhD</u><sup>1</sup>, Katsuhide Yoshidome, MD, PhD<sup>1</sup>, Toshirou Shimo, MD, PhD<sup>1</sup>, Kana Anno, MD<sup>1</sup>, Hiroki Akamatsu, MD, PhD<sup>2</sup>, Masahiro Tanemura, MD, PhD<sup>2</sup>, Kentarou Kishi, MD, PhD<sup>2</sup>, Mitsuyoshi Tei, MD, PhD<sup>2</sup>, Toru Masuzawa, MD, PhD<sup>2</sup>, Masaki Wakasugi, MD<sup>2</sup>, Youzou Suzuki, MD, PhD<sup>2</sup>, Kenta Furukawa, MD, PhD<sup>2</sup>, Toshiki Takahashi, MD, PhD<sup>3</sup>; <sup>1</sup>Endocrine surgery, Osaka Police Hospital, <sup>2</sup>Digestive surgery, <sup>3</sup>Cardiovascular surgery

P659 ROBOTIC RESECTION OF A PANCREATIC TAIL TUMOR RESULTING IN AN INTRAPANCREATIC ACCESSORY SPLEEN <u>Alexander Ramirez</u>, <u>MD</u>, Wade G Douglas, MD, FACS; Tallahassee Memorial HealthCare, Florida State University College of Medicine

P660 CONCEPTS AND TECHNIQUES IN LAPAROSCOPIC SPLENECTOMY <u>M Ishida, MD, PhD</u>, T Morikawa, MD, PhD, T Aoki, MD, PhD, K Ariake, MD, PhD, S Maeda, MD, PhD, K Masuda, MD, PhD, K Fukase, MD, PhD, H Ohtsuka, MD, PhD, M Mizuma, MD, PhD, N Sakata, MD, PhD, K Nakagawa, MD, PhD, H Hayashi, MD, PhD, F Motoi, MD, PhD, T Naitoh, MD, PhD, M Unno, MD, PhD; Department of Surgery, Tohoku University, Graduate School of Medicine

P661 MINIMALLY INVASIVE ADRENALECTOMY – CHOOSING THE APPROPRIATE APPROACH FOR THE PATIENT Ariel Schweitzer, MD, Ibrahim Matter, MD, <u>Gideon Sroka</u>; Bnai-Zion Medical Center

P662 RETROPERITONEAL BRONCHOGENIC CYST: CASE REPORT AND REVIEW OF LITERATURE <u>Ashish Padnani, MD</u>, Rashmi Bawa, MD, Darshak Shah, MD, James Satterfield, MD; New York Presbyterian Queens

P663 COMPARATIVE ANALYSIS OF LAPAROSCOPIC ADRENALECTOMY IN A HIGH VOLUME CENTER COMPARED TO ACS-NSQIP Karly Lorbeer, Arghavan Salles, MD, PhD, Bruce L Hall, MD, PhD, Yan Yan, PhD, L. Michael Brunt, MD; Washington University

P664 LAPAROSCOPIC MANAGEMENT OF GIANT CYSTIC FEOCROMOCYTOMA. RARE CASE IN IV LEVEL CLINIC IN COLOMBIA Evelyn Dorado; FUNDACION VALLE DEL LILI

ETP001 INANIMATE MODEL FOR LAPAROSCOPIC REPAIR OF DIAPHRAGMATIC HERNIA Benjamin R Veenstra, MD, John C Kubasiak, MD, Aleksandra Wojtowicz, Minh B Luu, MD, Jose Velasco, MD; Rush University Medical Center

- **ETP002 SHORT-TERM HOST TISSUE RESPONSE TO A NOVEL FULLY-ABSORBABLE COMPOSITE BARRIER MESH** Jeffrey R Scott, PhD<sup>1</sup>, Corey R Deeken, PhD<sup>2</sup>; 'Brown University, C.R. Bard, Inc. (Davol), <sup>2</sup>Covalent Bio LLC
- ETP003 ELECTRICAL STIMULATION OF THE LES AN EMERGING THERAPY FOR LUNG TRANSPLANTED PATIENTS WITH GERD Cecilia Zubieta, MD, Mauricio Ramirez, MD, Juan M Riganti, MD, Franco F Ciotola, MD, Andres DiTaranto, MD, Claudio Bilder, MD, Adolfo Badaloni, MD, <u>Alejandro Nieponice, MD, PhD</u> Fundacion Favaloro
- ETP004 A NEW EFFECTIVE INESTINAL ANASTOMOSIS METHOD Xiaocheng Zhu, Chao Li, Libin Yao, Hui Wang, Linsen Shi, Song Meng; Department of General Surgery, the Affiliated Hospital of Xuzhou Medical College Jiangsu China
- ETP005 ZHU'S TROCAR PLACEMENTS FOR LAPAROSCOPIC APPENDECTOMY: AN INITIATED NOVEL AND POTENTIALLY STANDARDIZED TECHNIQUE FOR COMPLICATED APPENDICITIS Hengliang Zhu, MD; The First Affiliated Hospital of Wenzhou Medical University
- ETP006 AN EXTRACORPONEAL HEPATIC INFLOW CONTROL FOR PURE LAPAROSCOPIC LIVER RESECTION CAN EXTEND AN INDICATION OF LIVER RESECTION Toru Mizuguchi, Makoto Meguro, Kenji Okita, Tohsihiko Nishidate, Tomomi Ueki, Emi Akizuki, Masafumi Imamura, Goro Kutomi, Yasutoshi Kimura, Ichiro Takemasa; Sapporo Medical University
- ETP007 TOTALLY LAPAROSCOPIC MANAGEMENT OF GALLSTONE ILEUS - 3 PORTS <u>Saied Froghi, Mr</u><sup>1</sup>, Andy Williams, Dr<sup>1</sup>, Tammy Lo, Miss<sup>2</sup>, Catherine King, Dr<sup>1</sup>, Jonathan Van Dellan, Mr<sup>1</sup>, Simon Monkhouse, Mr<sup>1</sup>; <sup>1</sup>East Surrey Hospital, <sup>2</sup>Bedford Hospital NHS Trust

### ETP008 Withdrawn

ETP009 IMPROVING PATIENT SAFETY BY ASSESSING SURGEON'S COGNITIVE LOAD USING A LOW-COST, WEARABLE EEG

**DEVICE** Leandro L Di Stasi, PhD<sup>1</sup>, Carolina Diaz-Piedra, PhD<sup>1</sup>, Juan F Ruiz-Rabelo, MD, PhD<sup>2</sup>, Joaquín Roca-Gonzalez, PhD<sup>3</sup>, Samuel Romero, PhD<sup>4</sup>, Andres Catena, PhD<sup>1</sup>;<sup>1</sup>Mind, Brain, and Behavior Research Center -University of Granada, Granada, Spain, <sup>2</sup>Department of General Surgery, Reina Sofia University Hospital, Cordoba, Spain, <sup>3</sup>Electronics Technology Department, Technical University

- ETP010 LAD<sup>®</sup> (LIGHT AUGMENTATION DEVICE) <u>Emanuele L. G. Asti, MD,</u> <u>FACS</u>, Andrea C Sironi, MD, Luigi Bonavina, MD, FACS; IRCCS Policlinico San Donato
- ETP012 MODIFIED UTERINE TRANSPLANT PROCEDURE IN THE SHEEP MODEL COMBINING 3D LAPAROSCOPY AND MICROSURGERY Francisco M Sanchez Margallo, PhD<sup>1</sup>, B. Moreno, PhD<sup>1</sup>, M.c. Calles, PhD<sup>1</sup>, E. Abellán<sup>1</sup>, J. Mijares<sup>1</sup>, J.a. Dominguez, MD<sup>2</sup>, V. García, PhD<sup>3</sup>, I.s. Alvarez, PhD<sup>3</sup>,<sup>1</sup>Minimally Invasive Surgery Center Jesus Uson, <sup>2</sup>Instituto Extremeño de Reproducción Asistida, <sup>3</sup>University of Extremadura. School of Medicine
- ETP013 LARGE CALIBER APPENDICULAR ARTERY MASQUERADING AS URETER IN RETROCOLIC APPENDICITIS: A SERIES Jagpreet S Deed, MS, DNB, MRCS, Gen, Surg<sup>1</sup>, Zaki Kamal, Urology<sup>1</sup>, Vinay Sabharwal, MS, Gen, Surg<sup>2</sup>, Parveen Bhatia, MS, FRCS, FICS, FIAGES, FMAS, FAIS, FALS<sup>3</sup>, Vivek Bindal, MRCS, Fellowship, MAS, Endoscopy, FNB<sup>4</sup>; <sup>1</sup>Zulekha hospital, Sharjah, UAE, <sup>2</sup>Jeewan Mala Hospital, <sup>3</sup>SIr Ganga Ram Hospital and Bhatia Global hospital and Endosurgery Institute, <sup>4</sup>SIr Ganga Ram Hospital
- ETP014 THE DONOR, RECIPIENT, AND SOCIETAL RISKS AND BENEFITS ASSOCIATED WITH POTENTIAL OBESE LIVE KIDNEY DONORS (OLKD) UNDERGOING BARIATRIC SURGERY PRIOR TO DONATION <u>K Rock</u>, A Cash, I Driskell, A Baskara, J Ortiz; The University of Toledo Medical Center

ETP015 USE OF PEG SITE FOR SPECIMEN RETRIEVAL AND CONSTRUCTION OF GASTRIC CONDUIT, IN MINIMALLY INVASIVE ESOPHAGECTOMY Misbah Khan, MD, FCPS, Nimra Urooj, Dr, Aamir A Sayed, FRCS, Shahid Khattak, FRCS, Anam Muzaffar, Dr, Muhammad I Ashraf, Dr; Shaukat Khanum Memorial Cancer Hospital and Research Centre

- ETP016 EVALUATION OF ADJACENT TISSUE THERMAL DAMAGE WHEN USING THE LOW POWER JUSTRIGHT SURGICAL® VESSEL SEALING SYSTEM Suzanne M Yoder, MD, Jenifer Kennedy, PhD, Allison Lyle, MS, Alison Bendele, DVM, PhD; JustRight Surgical
- ETP017 A NOVEL INSTRUMENT FOR LAPAROSCOPIC MESH FIXATION Catriona Swift, DO, Michael Kia; Michigan State University
- ETP018 INDOCYANINE GREEN ENHANCED IMAGING DURING THREE INSTRUMENT CHOLECYSTECTOMY USING A MODIFIED DOME DOWN TECHNIQUE Hugo Bonatti, MD, Aboubakr Khairat, MD, Andrew Pelczar; University of Maryland Shore Health
- ETP019 THE UTILITY OF ENDOSCOPIC OVERSTITCH IN BARIATRIC PATIENTS AT A TERTIARY CARE CENTER Christine Boumitri, MD, <u>Mohsen Hasanin, MD</u>, Roger De La Torre, MD, Ghassan Hammoud, MD, MPH; University of Missouri- Columbia, MO
- ETP020 A SERIES OF DRY LAB TRAINING MODELS SIMULATING ROBOTIC ASSISTED PANCREATOJEJUNOSTOMY Zhifei Wang<sup>1</sup>, Dongsheng Huang<sup>1</sup>, Junwei Liu<sup>1</sup>, Defei Hong, MD, FACS<sup>1</sup>, Minen Xu<sup>2</sup>, Xuecong Lai<sup>2</sup>; <sup>1</sup>Zhejiang Provincial People's Hospital, <sup>2</sup>Hangzhou Dianzi University
- ETPO21 SIMULTANEOUS LAPAROSCOPIC GASTRIC BAND REMOVAL AND SLEEVE GASTRECTOMY Vasileios Drakopoulos, MD, PhD, FACS<sup>1</sup>, Athanasios Bakalis, MD<sup>1</sup>, Nikolaos Roukounakis, MD, PhD<sup>1</sup>, Sotirios Voulgaris, MD<sup>1</sup>, Sotiria Tsogka, MD<sup>2</sup>, Eleni Plesia, MD, PhD<sup>2</sup>, Spiros Drakopoulos, MD, PhD<sup>1</sup>;<sup>1</sup>First Department of Surgery and Transplant Unit, Evangelismos General Hospital, Athens, Greece, <sup>2</sup>Department of Anaesthesiology, Evangelismos General Hospital, Athens, Greece
- ETP022 BEST PRACTICE TO INVESTIGATE OBSTRUCTIVE SLEEP APNOEA IN PATIENTS UNDERGOING BARIATRIC SURGERY - ARE ROUTINE SLEEP STUDIES REALLY INDICATED? Ajay Gupta, MBBS, MS, MRCSEd, Tabitha Gana, John Finney, Katie Kirk, Jochen Seidel, <u>Srinivasan</u> Balchandra, MBBS, MS, MD, FRCSI, FRCS, GEN, SURG; Doncaster Royal Infirmary
- ETP023 OBESITY TREATMENT WITH ORBERA INTRAGASTRIC BALLOON - WHICH PATIENTS BENEFIT MOST OF THE THERAPY? <u>Kryspin Mitura</u>; Siedlce Municipal Hospital
- ETP025 IMPROVING LAPAROSCOPIC SLEEVE GASTRECTOMY TECHNIQUE USING FLUORESCENT IMAGING SYSTEM Nova Szoka, MD, Shaina Eckhouse, MD, Daniel Guerron, MD, Keri Seymour, MD, Chan Park, MD, Ranjan Sudan, Dana Portenier, MD, Jin Yoo, MD; Duke University
- ETP026 3D STRUCTURE RECONSTRUCTION OF LESIONS IN COLON WITH COLONOSCOPIC IMAGES <u>Atul Kumar</u><sup>1</sup>, Shih-Wei Huang, Dr<sup>2</sup>, Yen-Yu Wang<sup>1</sup>, Kai-Che Liu<sup>1</sup>, Ching-Chun Huang<sup>1</sup>, Yi-Chun Lee<sup>1</sup>, Jing-Jim Ou<sup>2</sup>, Wan-Chi Hung<sup>1</sup>; <sup>1</sup>Chang Bing Show Chwan Memorial Hospital, IRCAD-Taiwan, <sup>2</sup>Chang Bing Show Chwan Memorial Hospital
- ETP027 CLINICAL EVALUATION OF SOLO SURGERY USING THE NEW ENDOSCOPE POSITIONING SYSTEM "VIKY®" <u>M Takahashi, MD, PhD</u><sup>1</sup>, N Nishinari, MD<sup>1</sup>, H Matsuya, MD<sup>1</sup>, M Takahashi, MD, PhD<sup>2</sup>, T Tosha, MD<sup>2</sup>, Y Minagawa, MD<sup>2</sup>, C Tono<sup>2</sup>, T Yoshida, MD<sup>2</sup>; <sup>1</sup>Morioka Yu-ai Hospital, <sup>2</sup>Iwate Prefectural Kuji Hospital
- ETP028 VASCULAR IMAGING OF THE STAPLE LINE IN BOWEL ANASTAMOSES IN THE REGIONAL HOSPITAL SETTING <u>Ali Mahmood,</u> <u>MD</u>; Houston Methodist Hospital System
- ETP029 ACCURACY OF CONFOCAL LASER ENDOMICROSCOPY FOR THE CHARACTERIZATION OF PERITONEAL CARCINOSIS. Angelo Pierangelo<sup>1</sup>, <u>David Fuks<sup>2</sup></u>, Abdelali Benali<sup>2</sup>, Pierre Validire<sup>2</sup>, Brice Gayet<sup>2</sup>; <sup>1</sup>Ecole Polytechnique Paris, France, <sup>2</sup>Institut Montsouris, Paris, France

- ETP030 THE NEED FOR A LAPAROSCOPIC SKILLS TRAINING PROGRAMME FOR JUNIOR SURGEONS <u>A Phaily, MBBS</u><sup>1</sup>, J Thomas, MBBS<sup>2</sup>, A Ali, MBBS, MRCS<sup>1</sup>, A Robinson<sup>1</sup>; <sup>1</sup>Ashford and St. Peter's Hospitals NHS Foundation Trust, <sup>2</sup>University Hospital of Wales
- ETP031 TENSION-FREE GROIN HERNIA REPAIR WITH SELF-REGULATING PROSTHESIS (PAD) AND ITS INFLUENCE ON PAIN. <u>Kryspin Mitura</u>, PhD; Siedlce Municipal Hospital
- ETP032 VENTRICULOPERITONEAL SHUNT PLACEMENT: SINGLE PORT LAPAROSCOPIC TECHNIQUE Jagpreet S Deed, MS, DNB, MRCS, Gen, Surg<sup>1</sup>, Ashish K Srivastav, MCh, Neurosurgery, MS, General, Surg<sup>2</sup>, Vivek Bindal, MRCS, Fellowship, MAS, Endoscopy, FNB<sup>3</sup>; <sup>1</sup>Zulekha hospital, Sharjah, UAE,<sup>2</sup>Rockland hospital, <sup>3</sup>Sir Ganga Ram Hospital
- ETP033 COMPLETELY INTRA- PERITONEAL TECHNIQUE OF AUGMENTATION DURING LAPAROSCOPIC VENTRAL HERNIA REPAIR Jagpreet S Deed, MS, DNB, MRCS, Gen, Surg<sup>1</sup>, Parveen Bhatia, MS, FRCS, FICS, FIAGES, FMAS, FAIS, FALS<sup>2</sup>, Vinay Sabharwal, Medical, Director, amp, Chief, MS, Gene, Surg<sup>3</sup>, Vivek Bindal, MRCS, Fellowship, , MAS, Endoscopy, FNB<sup>4</sup>; <sup>1</sup>Zulekha hospital, Sharjah, UAE, <sup>2</sup>SIr Ganga Ram Hospital and Bhatia Global hospital and Endosurgery Institute, <sup>3</sup>Jeewan Mala Hospital, <sup>4</sup>Sir Ganga Ram Hospital
- ETP034 THE STANDARD CLAMP A NOVEL SLEEVE GASTRECTOMY STAPLING GUIDE Jonathan R Thompson, MD<sup>1</sup>, Brad Watkins, MD<sup>2</sup>, Angelo Iossa, MD<sup>2</sup>, Kevin M Tymitz, MD<sup>3</sup>, Tayyab S Diwan, MD<sup>2</sup>; <sup>1</sup>University of Cincinnati Research Institute, <sup>2</sup>University of Cincinnati, <sup>3</sup>TriHealth Weight Management Center, Good Samaritan TriHealth Hospital
- ETP035 CAN THE MINIGRASPER REPLACE A PORT IN LAPAROSCOPIC SURGERY Hugo Bonatti; University of Maryland Shore Health
- ETP036 THE PARETO-ANALYSIS FOR ESTABLISHING CONTENT CRITERIA IN SURGICAL TRAINING K.h. Kramp<sup>1</sup>, M.j. van Det<sup>2</sup>, N.j.g.m. Veeger<sup>1</sup>, Pierie J.p.e.n.<sup>1</sup>; <sup>1</sup>Medical Center Leeuwarden, <sup>2</sup>Hospital Group Twente
- ETP037 CEPHALO-MEDIAL TO LATERAL LAPAROSCOPIC TOTAL MESORECTAL EXCISION FOR RECTAL CANCER Junjun Ma, Jiaoyang Lu, Hiju Hong, Lu Zang, Feng Dong, Bo Feng, Aiguo Lu, Jing Sun, Minhua Zheng; Shanghai Ruijin Hospital, Shanghai Jiaotong University, School of Medicine
- ETP038 ANALYSIS OF THE LOCALIZED MUSCLE FATIGUE IN LESS AND CONVENTIONAL LAPAROSCOPIC APPROACHES Juan A Sánchez-Margallo, PhD<sup>1</sup>, Kostas Gianikellis, PhD<sup>2</sup>, Andrew Skiadopoulos, PhD<sup>2</sup>, <u>Francisco M Sánchez-Margallo, PhD<sup>1</sup></u>, <sup>1</sup>Jesús Usón Minimally Invasive Surgery Centre, Cáceres, Spain, <sup>2</sup>Biomechanics of Human Movement and Ergonomics Lab., BioErgon Research Group, University of Extremadura, Cáceres, Spain
- ETP039 THE LAPAROSCOPIC RIGHT HEMI-COLECTOMY CME WITH COMPLETELY MEDIAL ACCESS BY "PAGE-TUNRNING" APPROACH Bo Feng, Min-Hua Zheng; Shanghai Minimally Invasive Surgery Center, Ruijin Hospital, Shanghai Jiao Tong University School of Medicine
- ETP040 A NOVEL VESSEL AND DUCT OCCLUDER FOR LAPAROSCOPIC SURGERY Arnold Miller, MD<sup>1</sup>, Nir Lilach, IED<sup>2</sup>, Raanan A Miller, PhD<sup>1</sup>, <u>Steven D Schwaitzberg, MD<sup>3</sup></u>; <sup>1</sup>Amsel Medical, <sup>2</sup>Eliachar Technologies Development, Ltd, <sup>3</sup>Jacobs School of Medicine
- ETP041 A WEB-BASED PLATFORM FOR VIDEO ASSESSMENTS OF OPERATIVE PERFORMANCE Alexandra M Moore<sup>1</sup>, Justin P Wagner<sup>1</sup>, Vivek Agrawal<sup>2</sup>, Charles J Filipi<sup>3</sup>, <u>David C Chen<sup>1</sup></u>; <sup>1</sup>David Geffen School of Medicine at UCLA, <sup>2</sup>Comment Bubble, Inc., <sup>3</sup>CHI Health
- ETP042 LOWERING THE BARRIERS OF SURGICAL ENDOSCOPY BY IMPROVING TISSUE RETRACTION WITH AN ARTICULATING ENDOSCOPIC RETRACTOR <u>Neil A Ray, BS</u>, Dillon Kwiat, BS, Stanley J Rogers, MD, Matthew Y Lin, MD; UCSF Department of Surgery

- ETP044 LAPAROSCOPIC TELESTRATION FOR INTRAOPERATIVE RESIDENT TRAINING Helena M Mentis, PhD, Christopher Wong, MS, Yuanyuan Feng, MS, Jordan Ramsey, Meredith Evans; University of Maryland Baltimore County
- ETP045 MPOWER: THE MOBILE POST-OPERATIVE WOUND EVALUATOR FOR ENHANCED POST-DISCHARGE SURGICAL CARE <u>Brian Do</u>, Ross Lordon, Mark Stewart, Justin McReynolds, Julie Cooper, Kristen Helps, Kailey Sparks, JoAnne Whitney, RN, PhD, William Lober, MD, MS, Heather L Evans, MD, MS; University of Washington
- ETP047 OPEN OR ENDOSCOPIC CIRCULAR INTRA ABDOMINAL VENTRAL HERNIORRHAPHY. A NEW TECHNIQUE IN VENTRAL HERNIA REPAIR. <u>Sarkis Yeretsian</u>, MD; Clinique Medic-Aide
- ETP048 HIGH-TECH, OR THE RIGHT-TECH? DEVELOPMENT OF A MID-TECH, PHYSICAL MODEL FOR ENDOSCOPIC TRAINING Brenton R. Franklin, MD<sup>1</sup>, Tiffany C Cox, MD<sup>1</sup>, Kristen D Trinca, MD<sup>2</sup>, Mercy D Wagner, MD<sup>1</sup>, Sarah B Placek, MD<sup>1</sup>, Mary T O'Donnell, MD<sup>1</sup>, Sarah M Haviland, BS<sup>3</sup>, Jonathan P Pearl, MD, FACS<sup>4</sup>, E. Matthew Ritter, MD, FACS<sup>1</sup>; <sup>1</sup>Division of General Surgery, USU/Walter Reed Department of Surgery, Bethesda MD; National Capital Simulation Consortium, Bethesda MD, <sup>2</sup>Division of General Surgery, USU/Walter Reed Department of Surgery, Bethesda MD; <sup>3</sup>Divi
- ETP049 EVALUATION OF A SUBCUTANEOUS BIOABSORBABLE FASTENER FOR CLOSING INCISIONS Kenneth S Danielson, MD, FACS, Charles H Rogers, PhD; Opus KSD, Inc.
- ETP050 THE STOMACH, INTESTINAL AND PYLORUS SPARING (SIPS) PROCEDURE; A SINGLE CENTER ANALYSIS OF OUR FIRST 100 PATIENTS Paul E Enochs, MD, FACS, FASMBS; BARIATRIC SPECIALISTS OF NORTH CAROLINA
- ETP051 MACHINE LEARNING AND CORESETS FOR AUTOMATED, REAL-TIME VIDEO SEGMENTATION OF LAPAROSCOPIC SURGERY <u>Mikhail</u> <u>Volkov, MSc<sup>1</sup></u>, Daniel A Hashimoto, MD, MS<sup>2</sup>, Guy Rosman, PhD<sup>1</sup>, Ozanan Meireles, MD<sup>2</sup>, Daniela Rus<sup>1</sup>; <sup>1</sup>MIT, <sup>2</sup>Massachusetts General Hospital
- ETP052 LAPAROSCOPIC VERTICAL SLEEVE GASTRECTOMY: TECHNOLOGICAL ALTERNATIVE FOR STAPLE LINE IMBRICATION Ricardo K Mohammed, DO, <u>Olivier Van Houtte, MD</u>, Gintaras Antanavicius, MD; Abington Jefferson Hospital
- ETP053 NOVEL DEVICE AND METHOD OF TRACTION WITH MAGNET, WIRE AND CILP FOR MINIMALLY INVASIVE SURGERY YongHo Jeon, Prof<sup>1</sup>, Bummo Ahn, PhD<sup>2</sup>, Kil Yeon Lee, MD<sup>3</sup>, Sun Jin Park, MD<sup>3</sup>, Moon Gu Lee, Prof<sup>1</sup>, Sungwoo Cho, MD, PhD<sup>4</sup>; <sup>1</sup>Ajou Univ., <sup>2</sup>Kitech, <sup>3</sup>KHUSM, <sup>4</sup>Soonchunhyang University Seoul Hospital
- ETP054 DUAL LENS 3D STEREOSCOPIC MICROSCOPE FOR SURGERY I-Chun Lee, Ming-Chou Ku, Kai-Che Liu; Chang Bing Show Chwan Memorial Hospital
- ETP055 DEMONSTRATING THE VALUE OF MINIMALLY INVASIVE SURGERY TO INSURERS AND EMPLOYERS IN A VALUE BASED HEALTHCARE ENVIRONMENT John de Csepel, Chief, Medical, Officer, Surgical, Michael Morseon, Senior, Director, Healthcare, Economics, Linda Richetelli-Pepe, Director, Payer, Solutions; Medtronic
- ETP056 PROSPECTIVE, RANDOMIZED COMPARISON OF THE USE OF THE FLOSHIELD® SYSTEM VERSUS CLEARIFY™ VISUALIZATION SYSTEM (D-HELP) DURING LAPAROSCOPIC SURGERY TO EVALUATE THE OPERATIVE INTERRUPTION FOR LENS CLEANING Tayyab S Diwan, MD<sup>1</sup>, J-c Verdeja, MD<sup>2</sup>, Kenneth W Volker, MD<sup>3</sup>, <sup>1</sup>University of Cincinnati, <sup>2</sup>South Miami Hospital, <sup>3</sup>Centennial Hills Medical Center
- ETP057 A NOVEL APPROACH TO RECURRENT INCISIONAL HERNIA. COMBINED OPEN AND LAPAROSCOPIC TECHNIQUE COLT Lawrence Toquero, MD, <u>Sabina Patel, Miss</u>, Joseph Ellul, Mr; Kings College Hospital NHS Trust

ETP058 MINIMALLY INVASIVE VIDEO-ASSISTED PARATHYROIDECTOMY WITH INTRAOPERATIVE NERVE STIMULATION Vasileios Drakopoulos, MD, PhD, FACS<sup>1</sup>, Nikolaos

Roukounakis, MD, PhD<sup>1</sup>, Athanasios Bakalis, MD<sup>1</sup>, Sotirios Voulgaris, MD<sup>1</sup>, Sotiria Tsogka, MD<sup>2</sup>, Eleni Plesia, MD, PhD<sup>2</sup>, Spiros Drakopoulos, MD, PhD<sup>1</sup>; <sup>1</sup>First Department of Surgery and Transplant Unit, Evangelismos General Hospital, Athens, Greece, <sup>2</sup>Department of Anaesthesiology, Evangelismos General Hospital, Athens, (Greece)

- ETP059 ENDOSCOPIC TRANSAXILLARY DECOMPRESSION OF THORACIC OUTLET VIA PECTORALIS MINOR TENOTOMY- A NOVEL APPROACH Heather A Ford, MD, Adam J Vernadakis, MD; Lahey Hospital and Medical Center
- ETP060 THE LAPAROBOT: A TELEROBOTIC, TELESURGICAL, TELEMENTORING ROBOT TO PERFORM TRAINING IN FUNDAMENTALS OF LAPAROSCOPIC SURGICAL TASKS Bradley Genovese, MD, Stephen Prince, PhD, Chris Kang, PhD, Tc Tsao, PhD, Erik Dutson, MD; University of California Los Angeles
- ETPO62 A NOVEL PROTOTYPE HYPERSPECTRAL MICROSCOPE OBTAINS OPTICAL BIOPSIES AND ASCERTAINS DIFFERENCES BETWEEN NORMAL AND CARCINOMATOUS COLONIC MUCOSA Isaac <u>C Payne, DO</u><sup>1</sup>, Paul Rider, MD<sup>1</sup>, Carole Boudreaux, MD<sup>1</sup>, Thomas Rich, PhD<sup>2</sup>, Silas Leavesley, PhD<sup>3</sup>; <sup>1</sup>University of South Alabama Medical Center, <sup>2</sup>University of South Alabama - Center for Lung Biology, <sup>3</sup>University of South Alabama - Chemical and Biomolecular Engineering
- ETP063 THE F.I.N.E. (FUN, INNOVATIVE, NICE AND ENTHUSIASTIC) WAY OF LEARNING LAPAROSCOPIC SKILLS THROUGH ENDOSCOPIC PAINTING AS LAPAROSCOPIC BOX TRAINING EXERCISE: AN INNOVATOR'S CREATIVE EXPERIENCE Michael Dennis I dela Paz, MD, Miguel C Mendoza, MD, FPCS, FACS, FPSGS, FPALES; Asian Hospital and Medical Center
- ETP064 DOES FISSURECTOMY & BOTULINUM TOXIN A INJECTION FOR CHRONIC ANAL FISSURES DECREASE THE RISK OF FAECAL INCONTINENCE COMPARED WITH LATERAL INTERNAL SPHINCTEROTOMY, WHILST PROMOTING HEALING? Toquero Lawrence, Mr<sup>1</sup>, Sabina Patel, Miss<sup>1</sup>, Tayo Oke, Miss<sup>2</sup>; <sup>1</sup>Kings College NHS TRust, <sup>2</sup>Queen Elizabeth Hospital NHS Trust
- ETP065 POOLED ANALYSES OF SUGAMMADEX EFFICACY IN SURGICAL PATIENTS: NO CLINICALLY RELEVANT EFFECT OF SUBJECT CHARACTERISTICS W. Joseph Herring, MD, PhD<sup>1</sup>, Tiffany Woo, MS<sup>1</sup>, Christopher Assaid, PhD<sup>1</sup>, Terri Monk, MD<sup>2</sup>, Scott Groudine, MD<sup>3</sup>; <sup>1</sup>Merck & Co., Inc.,<sup>2</sup>University of Missouri, <sup>3</sup>Albany Medical Center
- ETP066 A SMARTWATCH-BASED MOTION TRACKING APPLICATION FOR THE ASSESSMENT OF LAPAROSCOPIC TECHNICAL SKILLS Vivian E de Ruijter, MD, Genki Sugimoto, MSc, Sylvia Bereknyei, PhD, Laura M Mazer, MD, Edward S Shipper, MD, Dana T Lin, MD, FACS, James N Lau, MD, FACS; Stanford University
- ETP067 A SPECIALLY DEVISED NEEDLE KIT FOR LAPAROSCOPIC REPAIR OF INGUINAL HERNIAS WITH PATENT PROCESSUS VAGINALIS. <u>Masao Endo, MD<sup>1</sup></u>, Hirofumi Tomita, MD<sup>1</sup>, Fumiko Yoshida, MD<sup>1</sup>, Miwako Nakano, MD<sup>1</sup>, Leonardo Ryou Igarashi<sup>2</sup>; <sup>1</sup>Saitama City Hospital, <sup>2</sup>Cosmic M.E. Inc.
- **ETP068 TOTALLY ROBOTIC STAPLERLESS SLEEVE GASTRECTOMY** Jacob A Petrosky, MD<sup>1</sup>, Valerie Zeer<sup>2</sup>, Tomasz Rogula, MD<sup>2</sup>; <sup>1</sup>Cleveland Clinic Foundation, <sup>2</sup>University Hospitals Case Medical Center
- ETP069 ROBOTIC SINGLE-SITE SPLENECTOMY Jae Hoon Lee, MD, PhD; Asan Medical Center
- ETP070 NOVEL IMAGING SOLUTIONS FOR THE EARLY DETECTION OF PERITONEAL METASTASES Dimitra Pouli, MD<sup>1</sup>, Roger Jenkins, MD<sup>2</sup>, Travis B Sullivan, MS<sup>2</sup>, Kimberly M Rieger-Christ, PhD<sup>2</sup>, Irene M Georgakoudi, PhD<sup>1</sup>, Thomas Schnelldorfer, MD<sup>2</sup>; <sup>1</sup>Tufts University, Department of Biomedical Engineering, <sup>2</sup>Lahey Hospital & Medical Center

- ETP071 FLUORESCENCE TECHNOLOGY AND ITS ROLE IN BARIATRIC SURGERY: CLINICAL APPLICATION Alfredo D Guerron, MD, Nova Szoka, MD, Shaina Eckhouse, MD, Chan Park, MD, Ranjan Sudan, MD, Keri Seymour, MD, Dana Portenier, MD, Jin Yoo; Duke University
- **ETP072 A NEW METHOD FOR TREATING POSTOPERATIVE PAIN ASSOCIATED WITH LAPAROSCOPIC SURGERY** Asok Doraiswamy, MD<sup>1</sup>, <u>Jon Meisner, MD<sup>2</sup></u>, Neil Verity, PhD<sup>2</sup>; <sup>1</sup>Huntington Memorial Hospital, Pasadena, CA, <sup>2</sup>DURECT Corporation, Cupertino, CA
- ETP073 DATA-DRIVEN SEMANTIC DESCRIPTORS FOR AUTOMATED COACHING Ann Majewicz, PhD<sup>1</sup>, <u>Marzieh Ershad<sup>1</sup></u>, Robert Rege, MD<sup>2</sup>; <sup>1</sup>University of Texas at Dallas, <sup>2</sup>UT Southwestern Medical Center
- ETP074 LESSONS LEARNED FROM A PILOT SCREENING TRIAL IN A COMMUNITY-BASED GENERAL SURGERY CLINIC FOR IDENTIFYING PATIENTS WITH HEREDITARY CANCER SYNDROMES. Florias A Morfesis, MD, FACS<sup>1</sup>, Brian P Rose, PAS, MPH<sup>2</sup>; <sup>1</sup>Owen Drive Surgical Clinic of Fayetteville, PLLC, <sup>2</sup>Methodist University PA Program
- ETP075 EARLY EXPERIENCE WITH A NOVEL DEDICATED PORT SYSTEM FOR INTRA-GASTRIC SURGERY Renato V Soares, MD<sup>1</sup>, Lee L Swanstrom, MD<sup>1</sup>, Mark Molos, MD<sup>2</sup>, Noriaki Kameyama, PhD<sup>1</sup>, Seong-Ho Kong, MD<sup>1</sup>, Poornima Donepudi, MD<sup>1</sup>, Pietro Riva, MD<sup>1</sup>, Galyna Shabat, MD<sup>1</sup>, Jaques Marescaux, MD<sup>3</sup>; 'IHU-Strasbourg, <sup>2</sup>endoTAGS, <sup>3</sup>IRCAD
- ETP076 ANALYSIS OF THE PRESSURE EXERTED BY THE SURGEON'S HAND AND FINGERS USING A NOVEL ROBOTIC LAPAROSCOPIC INSTRUMENT DURING URETHROVESICAL ANASTOMOSIS Juan A Sánchez-Margallo, PhD<sup>1</sup>, Francisco M Sánchez-Margallo, PhD<sup>1</sup>, Andrew Skiadopoulos, PhD<sup>2</sup>, Thomas Langø, PhD<sup>3</sup>, Kostas Gianikellis, PhD<sup>2</sup>; <sup>1</sup>Jesús Usón Minimally Invasive Surgery Centre, Cáceres, Spain, <sup>2</sup>Biomechanics of Human Movement and Ergonomics Lab., BioErgon Research Group, University of Extremadura, Cáceres, Spain, <sup>3</sup>SINTEF, Medical Technology, Trondheim
- ETP077 LOW COST TRAINING TOOL FOR ROBOTIC TAPP INGUINAL HERNIA REPAIR Raghavendra Rao, MD, Park Yangseon, MD, Noel Williams, MD, Daniel T Dempsey, MD, Kristoffel Dumon, MD, Ian Soriano, MD; University of Pennsylvania
- ETP078 THREE-PORT LAPAROSCOPIC SLEEVE GASTRECTOMY FOR MORBID OBESITY : OUR EARLY EXPERIENCE Vasileios Drakopoulos, MD, PhD, FACS<sup>1</sup>, Athanasios Bakalis, MD<sup>1</sup>, Nikolaos Roukounakis, MD, PhD<sup>1</sup>, Sotirios Voulgaris, MD<sup>1</sup>, Sotiria Tsogka, MD<sup>2</sup>, Eleni Plesia, MD, PhD<sup>2</sup>, Spiros Drakopoulos<sup>1</sup>; <sup>1</sup>First Department of Surgery and Transplant Unit, Evangelismos General Hospital, Athens, Greece, <sup>2</sup>Department of Anaesthesiology, Evangelismos General Hospital, Athens, Greece
- ETP079 DEVELOPMENT OF SEMI-AUTOMATIC SNAKE ROBOT SYSTEM FOR COLORECTAL ENDOSCOPIC SURGERY OF NOTES SYSTEM Kwang Gi Kim, Hongrae Kim, BA, Dae Kyung Sohn; national cancer center
- ETP080 RISK FACTORS FOR POSTOPERATIVE COMPLICATIONS OF LAPAROSCOPIC CHOLECYSTECTOMY IN ACUTE CHOLECYSTITIS Jota Watanabe, MD, Tomoyuki Nagaoka, MD, Yusuke Nishi, MD, Katsuhiro Tomofuji, MD, Yusuke Nakagawa, MD, Naoki Ishida, MD, Yoshinori Imai, MD, Kenji Nezu, MD, Kenzo Okada, MD, Shinsuke Kajiwara, MD; Department of Surgery, Uwajima City Hospital
- ETP081 CLINICAL RESULTS OF BIOLOGIC PROSTHESIS: A SYSTEMATIC REVIEW AND META-ANALYSIS OF COMPARATIVE STUDIES Chumpon Wilasrusmee, Jakrapan Jirasiritham, Napaphat Poprom, Ammarin Thakkinstian; Faculty of Medicine Ramathibodi Hospital, Mahidol University
- ETP082 DATA-DRIVEN MODELING AND DETECTION OF ADVERSE STEERING EVENTS FOR ROBOTICALLY-STEERED NEEDLES <u>Ann</u> <u>Majewicz, PhD</u><sup>1</sup>, Meenakshi Narayan<sup>1</sup>, Michael Choti, MD, MBA<sup>2</sup>; <sup>1</sup>University of Texas at Dallas, <sup>2</sup>UT Southwestern Medical Center
- ETP083 A METHOD FOR 3D VIEWING RECONSTRUCTION BASED ON 2D LAPAROSCOPIC AND VIRTUAL VIEW GENERATION OF STEREOSCOPIC TECHNOLOGY Min-Liang Wang, PHD, Ming-Hsien Hu, MD, Sheng-Lei Yan, MD, Yenyu Wang, Pei Yuan Lee, MD; Changhua Show Chwan Memorial Hospital

- ETP084 PRE-CLINICAL EVALUATION OF A NOVEL 2D TO 3D CONVERSION SYSTEM USING A STANDARD 2D ENDOSCOPE Kai-Che Liu, PhD, <u>Yen-Yu Wang</u>, Atul Kumar, Wan-Chi Hung, Shih-Wei Huang, Chi-Hsiang Wu, Jing-Jim Ou, Hurng-Sheng Wu; Asian Institute of TeleSurgery, Chang Bing Show Chwan Memorial Hospital
- ETP085 REINVENTING MANAGEMENT OF IMPACTED FETAL HEAD IN CESAREAN SECTION Daniel B Walk, Elizabeth Carstens, Anupama Atluru, Sandeep Ganji, PhD, <u>Adam Harris</u>, Scott Roberts, MD, Michael Choti, MD, MBA, FACS; The University of Texas Southwestern Medical Center
- ETP086 ENDOLUMINAL SUTURING: NOVEL INSTRUMENTS AND A NEW TECHNIQUE Mohamed ezzeldeen Seleem, prof; Cairo university
- ETP087 SHAHEED PROCEDURE:-. NEW SURGICAL TECHNIQUE IN PANCREATIC CALCULI MANAGEMENT. Shahidur Rahman, Professor; Bangobandhu sk.mujib medical university
- ETPO88 LAPAROSCOPIC NEPHRECTOMY FOR LIVING KIDNEY DONOR WITH PRIOR LAPAROTOMY Vasileios Drakopoulos, MD, PhD, FACS<sup>1</sup>, Nikolaos Roukounakis, MD, PhD<sup>1</sup>, Athanasios Bakalis, MD<sup>1</sup>, Sotirios Voulgaris, MD<sup>1</sup>, Sotiria Tsogka, MD<sup>2</sup>, Vassilis Vougas, MD, PhD<sup>1</sup>, Eleni Plesia, MD, PhD<sup>2</sup>, Spiros Drakopoulos, MD, PhD<sup>1</sup>; <sup>1</sup>First Department of Surgery and Transplant Unit, Evangelismos General Hospital, Athens, Greece, <sup>2</sup>Department of Anaesthesiology, Evangelismos General Hospital, Athens, Greece
- ETP089 CONTINUOUS INTRAOPERATIVE NEUROMONITORING IN TRANSAXILLARY ROBOTIC THYROIDECTOMY: IS IT POSSIBLE? A PROSPECTIVE RANDOMIZED STUDY Eun Jeong Ban, Cho Rok Lee, Seul Gi Lee, Min Jhi Kim, Jung Bum Choi, Taehyung Kim, Jandee Lee, Sang-Wook Kang, Jong Ju Jeong, Kee-Hyun Nam, Woong Youn Chung; Yonsei University College of Medicine

- ETP090 3D ENDOSCOPE SYSTEM OF MONOSCOPIC ENDOSCOPE WITH EXTERNAL STEREO LENS Yenyu Wang<sup>1</sup>, Tien-Shou Yeh<sup>2</sup>, Atul Kumar, PhD<sup>1</sup>, Wan Chi Hung<sup>1</sup>, Wei-Chia Su, PhD<sup>2</sup>, Kai-Che Liu<sup>1</sup>, Hurng-Sheng Wu, MD<sup>1</sup>; <sup>1</sup>Chang Bing Show Chwan Memorial Hospital, <sup>2</sup>National Changhua University of Education
- ETP091 SINGLE- SITE ROBOTIC ASSISTED INGUINAL HERNIA
- **REPAIR** <u>Hiba Abdel-Aziz, MD, FACS, MCCM</u>, Elisha A Chance, BSAS, CCRC; St Elizabeth Youngstown Hospital
- ETP092 ABDOMINAL BINDERS AFTER VENTRAL HERNIA REPAIR- DO WE NEED TO MEASURE ITS INFLUENCE ON INTRAABDOMINAL PRESSURE? <u>Kryspin Mitura, PhD</u><sup>1</sup>, Slawomir Koziel, PhD<sup>2</sup>; <sup>1</sup>Siedlce Municipal Hospital, <sup>2</sup>Beskid Oncology Center
- ETP093 HAND AND WRIST ERGONOMIC ANALYSIS DURING LAPAROSCOPY USING A DATA GLOVE Francisco M Sánchez-Margallo, PhD<sup>1</sup>, Juan A Sánchez-Margallo, PhD<sup>1</sup>, Thomas Langø, PhD<sup>2</sup>; <sup>1</sup>Jesús Usón Minimally Invasive Surgery Centre, Cáceres, Spain, <sup>2</sup>SINTEF, Medical Technology, Trondheim, Norway
- ETP094 FEASIBILITY OF PERFORMING LAPAROSOPIC SURGERY UNDER SPINAL ANESTHESIA IN NEONATES <u>Katharine R Bittner</u>, MD<sup>1</sup>, Kaitlyn E Wong, MD<sup>1</sup>, Maria C Mora, MD<sup>1</sup>, Donald A Schwartz, MD<sup>2</sup>, Kevin P Moriarty, MD<sup>3</sup>, Michael V Tirabassi, MD<sup>3</sup>; <sup>1</sup>Baystate Medical Center, Department of Surgery, <sup>2</sup>Baystate Medical Center, Department of Anesthesiology, <sup>3</sup>Baystate Children's Hospital, Springfield, MA

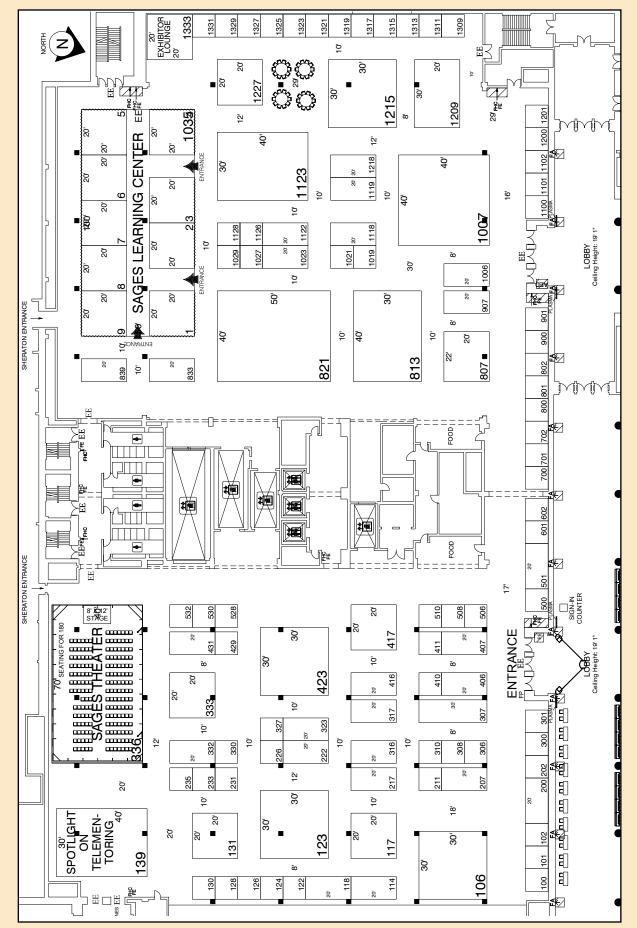


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# Notes

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# Exhibit Hall Floor Plan



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Andersen Products 122
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Applied Medical333
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Medical Surgery Technologies (MST)1201
MediCapture, Inc1023
The Medicines Company601
Mediflex

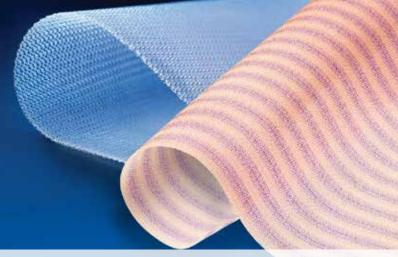
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# SAGES 2016 Surgical Spring Week



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# Notes



Fully Resorbable Mesh



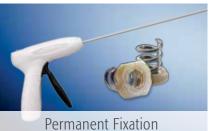
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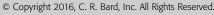
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