

Held in conjunction with  
Military Surgical Symposium

# *Surgical Spring Week* **SAGES 2014**

*Scientific Session & Postgraduate Courses*

*Putting the Patient First:  
Promoting Innovation and Safety  
in the OR and Beyond*

**FINAL PROGRAM**

Program Chairs:  
Jeffrey M. Marks, MD  
Tonia M. Young-Fadok, MD, MS

**April 2 - 5, 2014 Salt Lake City, UT**

**www.sages.org**

**sages2014.org**



@SAGES\_Updates



www.facebook.com/SAGESurgery

*Society of American Gastrointestinal and Endoscopic Surgeons*



# [ Producing solutions in collaboration with clinicians to provide better patient care ]

Visit us at this year's SAGES 2014 Annual Meeting-Booth 819



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SAGES 2014

Scientific Session & Postgraduate Courses

# MORE vision MORE control ONE incision

*Single-Site*<sup>®</sup>  
Cholecystectomy

Discover what's next in *da Vinci*<sup>®</sup> Surgery

April 3, 2014

Ballroom A-D at 5:30pm

# General Information



SAGES 2014

Scientific Session & Postgraduate Courses

## Surgical Spring Week

### Location

**The Salt Palace Convention Center**  
100 SW Temple  
Salt Lake City, UT 84101  
Onsite Phone: 801-534-4715

### 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](mailto:sagesweb@sages.org)  
Website: [www.sages.org](http://www.sages.org)

## What Is The Military Surgical Symposium?

The Military Surgical Symposium will meet April 3-4 concurrent to SAGES in Salt Lake City. The military symposium will include all the military services (note this is not an official Department of Defense event) and will be part of the scientific and clinical sessions of the annual SAGES conference. Registration for both the SAGES conference and military symposium will be free to military personnel currently on active duty. Contact the registrar for the registration form.

See pages 41 and 63 for their program outline.

## 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 Salt Lake City 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, April 1, 2014	12:00 PM - 5:00 PM
Wednesday, April 2, 2014	6:30 AM - 6:30 PM
Thursday, April 3, 2014	6:30 AM - 5:30 PM
Friday, April 4, 2014	6:30 AM - 5:30 PM
Saturday, April 5, 2014	7:00 AM - 2:00 PM

## Exhibits Hours -

### Dates/Times & Refreshment Breaks

#### Wednesday, April 2:

Welcome Reception in Exhibit Hall

5:30 pm - 7:30 pm

#### Thursday, April 3:

Brunch Break

9:30 am - 4:00 pm

Happy (Half) Hour Break

9:30 am - 10:00 am

3:00 pm - 3:30 pm

#### Friday, April 4:

Happy (Half) Hour Break

9:30 am - 4:00 pm

3:15 pm - 3:45 pm

#### Saturday, April 5:

Free Lunch for ALL Attendees

10:00 am - 12:30 pm

11:45 am - 12:30 pm

Exhibits will take place at the Salt Lake Convention Center in Exhibit Hall A-C.

## Speaker Prep Room Hours

### Room 150 A

#### Tuesday, April 1

8:00 am - 5:00 pm

#### Wednesday, April 2 - Friday, April 4

5:30 am - 5:30 pm

#### Saturday, April 5

6:00 am - 2:00 pm

## Getting Around SLC/ Shuttle Info:

**TRAX/Light Rail** - Downtown Salt Lake has free fare zone TRAX train available between the Grand America Hotel (SAGES Headquarters) and the Convention Center.

**SAGES Shuttle** - will operate between the Grand America and the Convention Center starting at 6am every morning and will depart every 5-10 minutes during morning peak time and 15-20 minutes during off peak

**SAGES Shuttle to the Meet the Leadership and Gala at the Depot** - will operate from the Grand America, Hilton (with stop at Hotel Monaco), Marriott City Center and the Convention Center starting at:

- 5:30pm for the Meet the Leadership
- 6:30pm for the Gala
- Last departure from the Depot back to the hotels will be at 11:30pm





**SAGES 2014**

Scientific Session & Postgraduate Courses

## News for SAGES 2014


### \* SPOTLIGHT ON HERNIA \*

This year, SAGES will be implementing our first "Spotlight on..." series. The goal of the series is to integrate all aspects of the SAGES meeting that relate to a specific procedure, including courses and sessions, learning center stations, posters, and exhibits.

For the first in this series, SAGES has elected to \* **SPOTLIGHT ON HERNIA** \*. There will be a Spotlight on Hernia section of the exhibit hall, which will include exhibits/products relative to hernia procedures, the Learning Center with a station featuring hernia repair, and posters related to hernia research. This exhibition will be connected to the related \* **SPOTLIGHT ON HERNIA** \* courses and sessions throughout the meeting.

**Be sure to look for the \* SPOTLIGHT ON HERNIA \* activity tag throughout the meeting program!**

### Patient Safety

Look for the  connotation throughout the meeting program to easily identify focused sessions and specific lectures highlighting patient safety issues.

**SAGES is using a cell-phone based system to handle Audience Response, Questions From the Floor, and General Meeting Announcements. To participate, you need a cell phone capable of sending SMS text messages in the USA.**

**Please visit Speaker Prep Room #150A if you have questions or need advice.**

*Look for our SAGES membership agents in pink at the conference to quickly expedite your SAGES membership application and become eligible for the member rate at future meetings while enjoying other benefits!*



**CAMP SAGES**  
organized by Accent on  
Children's Arrangements, Inc.



While you're attending meetings, your children can enjoy their own Convention Camp. Camp SAGES is a complete morning to early evening entertainment program packed with activities for children ages 6 months\* to 17 years. \*All children must be pre-registered to ensure proper staffing levels. Children participate in age-appropriate activities, including arts and crafts projects and active games, in a safe, nurturing, and educational environment.

**Location: Grand American Hotel (Headquarters Hotel)**

#### Available hours:

Wed - Fri, April 2 - 4: 7am - 6pm  
Saturday, April 5: 7:30am - 2:30pm

**Fee:** \$12/hour with 3 hours minimum.  
Non-refundable pre-registration fee is \$25



# Hotel Information




**SAGES 2014**

Scientific Session & Postgraduate Courses



- 1 **The Grand America Hotel & Towers (Headquarters)**  
555 S. Main St, Salt Lake City, UT 84111  
Phone: 801-258-6000
- 2 **Hilton Salt Lake City Center**  
255 South West Temple,  
Salt Lake City, UT 84101  
Phone: 801-328-2000
- 3 **Salt Lake Marriott Downtown at City Creek**  
75 South West Temple,  
Salt Lake City, UT 84101  
Phone: 801-531-0800
- 4 **Hotel Monaco**  
15 West 200 South,  
Salt Lake City, UT 84101  
Phone: 801-595-0000
- 5 **Salt Lake Plaza Hotel at Temple Square**  
122 West South Temple,  
Salt Lake City, UT 84101  
Phone: 801-521-0130

## Unique Features of the 2014 SAGES Meeting

- » Casual attire – Leave your ties and button down shirts at home. Order a SAGES polo.
- » Learn essentials regarding Foregut Surgery, Colorectal Benign and Malignant Disease management, Emerging Endoscopic Techniques (POEM), and the Ethics of Innovation
- » Attend comprehensive postgraduate courses dedicated to the basic tenets to treat Common Duct Stones, Management of Bariatric Complications, Complex Ventral Hernia Repairs, and Enhanced Recovery Pathways
- » Enjoy a Collaborative Conference with our Joint Armed Forces colleagues
- » SAGES Humanitarian Postgraduate Course
- » Patient Safety issues are identified and highlighted with  in focused sessions and specific lectures
- » Attend Joint sessions with ALACE, ASMBS, CAGS, EAES, JSES, KSELS & SSAT
- » Heckle previous Presidents as they debate current topics
- » Enjoy the New \* **SPOTLIGHT ON HERNIA** \* Area with learning center stations, posters, and industry products related to hernia repairs all in one spot!
- » Check out your medical colleagues' "fund of knowledge" at the MIS Jeopardy session
- » Relax at the Exhibit Hall Oasis for informal gatherings and re-charge your electronic devices!
- » Gala and Sing-Off at "The Depot"
- » iOS + Android App!
- » Bring the family. Child care, mini med school for high school students; and Top Gun for Kids
- » Come before the meeting starts or stay a couple days after the meeting to enjoy the snow and ski slopes

**P.S. What is not unique is that food and alcoholic beverages will be plentiful, as always, at the SAGES Gala event**



# SAGES 2014 Schedule at a Glance

**Program Chairs:** Tonia Young-Fadok, MD, MS & Jeffrey Marks, MD  
LTC Robert Lim, MD (Military Surgical Symposium)

## Wednesday, April 2, 2014

Time	Program	Location
7:30 AM - 5:30 PM	Full-Day Postgraduate Course: SAGES/CAGS/ERAS Society – Enhanced Recovery After Surgery Pathways-How you can Optimize Perioperative Care, Improve Outcomes and Decrease Costs	Ballroom A-D
7:30 AM - 11:45 AM	Half-Day Postgraduate Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications	Exhibit Hall D
7:30 AM - 11:45 AM	Symposium: Career Development	Ballroom E-H
9:30 AM - 11:45 AM	Panel: SAGES/SSAT – Optimizing Results of Fundoplication	Ballroom J
12:00 PM - 1:30 PM	SAGES Foundation Awards Luncheon (not accredited for CME)	Room 250
1:30 PM - 5:30 PM	Half-Day Hand-On Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications	Room 155
1:30 PM - 3:30 PM	Panel: Getting Your Video Accepted	Ballroom E-H
1:30 PM - 3:30 PM	Panel: Per Oral Endoscopic Myotomy (POEM)	Exhibit Hall D
1:30 PM - 3:30 PM	Panel: Reoperative Pelvic Surgery, Benign and Malignant – What is the Big Deal?	Ballroom J
3:30 PM - 5:30 PM	Panel: FUSE, Fire and Fiasco – OR Safety 101	Exhibit Hall D
3:30 PM - 5:30 PM	Panel: Product Development – Innovations for Patients Benefits	Ballroom E-H
3:30 PM - 5:30 PM	Panel: Updates in Benign CRS	Ballroom J
5:30 PM - 7:30 PM	Exhibits Opening Welcome Reception	Exhibit Hall A-C

## Thursday, April 3, 2014

7:30 AM - 5:00 PM	Military Surgical Symposium	Ballroom I
7:30 AM - 11:00 AM	Half-Day Postgraduate Course: Common Bile Duct (CBD) Stones	Ballroom J
7:30 AM - 11:00 AM	Half-Day Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success	Ballroom E-H
7:30 AM - 11:15 AM	Panel: Hepato-Pancreato-Biliary	Exhibit Hall D
7:30 AM - 11:00 AM	Symposium: NOSCARTM Symposium – Advances in Natural Orifice Surgery	Ballroom A-D
9:30 AM - 4:00 PM	Exhibits, Poster Session, Learning Center Open	Exhibit Hall A-C
9:30 AM - 10:00 AM	Brunch Break in Exhibit Hall	Exhibit Hall A-C
11:15 AM - 12:00 PM	Keynote: Karl Storz Lecture – David Williams, MD “From Checklists to Culture What Spacewalking Brings to Surgery”	Exhibit Hall D
12:00 PM - 1:00 PM	Educator’s Luncheon “Optimizing Simulation and Technology in Graduate Surgical Education: State of the Art 2014”	Room 250
1:00 PM - 3:00 PM	Concurrent Session SS1 MIS/Solid Organ	Ballroom J
1:00 PM - 5:00 PM	Half-Day Postgraduate Video-based Course: Ventral Hernia Repair – Technical Considerations in Challenging Scenarios	Ballroom E-H
1:00 PM - 5:00 PM	Half-Day Hands-On Course: CBD Stones	Room 155
1:00 PM - 5:00 PM	Didactic and Hands-On Course: Flexible Endoscopy – Train the Trainers	Room 155
1:00 PM - 5:00 PM	Symposium: Ethics of Innovation	Ballroom A-D
1:00 PM - 3:00 PM	Panel: SAGES/KSELS- Gastric Cancer	Exhibit Hall D
3:00 PM - 3:30 PM	Happy ½ Hour Break in Exhibit Hall	Exhibit Hall A-C
3:30 PM - 5:00 PM	Concurrent Session SS2 Video 1	Ballroom J
3:30 PM - 5:00 PM	Panel: Current Management of Rectal Cancer	Exhibit Hall D

### Industry Education Evening Events (not accredited for CME):

5:30 PM - 7:30 PM	“The Future of Transanal Surgery: TAMIS and Beyond” Presented by Applied Medical	Ballroom I
5:30 PM - 7:30 PM	“From Permanent to Biologics to the Resorbable PHASIX Mesh: Right Procedure, Right Product, Right Outcome” Presented by Davol Inc., a BARD Company	Room 150 D-F
5:30 PM - 7:30 PM	“da Vinci Surgery Symposium” Presented by Intuitive Surgical	Ballroom A-D
5:30 PM - 7:30 PM	“Advanced Imaging and Energy Technologies in Laparoscopy” Presented by Olympus America, Inc	Ballroom E-H



# SAGES 2014 Schedule at a Glance



## SAGES 2014 Scientific Session & Postgraduate Courses

### Friday, April 4, 2014

Time	Program	Location
7:00 AM - 8:30 AM	Barbara Marks Commemorative Breakfast (not accredited for CME)	Room 250
7:30 AM - 5:30 PM	Military Surgical Symposium	Ballroom I
7:00 AM - 8:30 AM	Concurrent Session SS3 Video 2	Ballroom J
7:30 AM - 8:30 AM	Concurrent Session SS4 NOTES/Transanal	Ballroom A-D
7:30 AM - 8:30 AM	Concurrent Session SS5 Quick Shots 1	Ballroom E-H
7:30 AM - 8:30 AM	Panel: SAGES/JSES – Endoscopic Submucosal Dissection (ESD)- When will we catch up with our Japanese colleagues?	Exhibit Hall D
8:30 AM - 10:00 AM	SS6 Plenary Session 1	Exhibit Hall D
9:30 AM - 4:00 PM	Exhibits, Poster Session, Learning Center Open	Exhibit Hall A-C
10:00 AM - 10:45 AM	Keynote: Presidential Address – Gerald M. Fried, MD “Connecting in the Digital Age”	Exhibit Hall D
10:45 AM - 11:30 AM	Keynote: Gerald Marks Lecture – Prof. Amitai Ziv, MD “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”	Exhibit Hall D
11:30 AM - 12:30 PM	Concurrent Session SS7 Education/Simulation	Ballroom A-D
11:30 AM - 12:30 PM	Concurrent Session SS8 Outcomes	Ballroom E-H
11:30 AM - 12:30 PM	Concurrent Session SS9 Metabolic/Obesity 1	Exhibit Hall D
11:30 AM - 12:30 PM	Concurrent Session SS10 Basic Science	Ballroom J
12:30 PM - 1:30 PM	Fellowship Council Luncheon “Strategies for Overcoming the Financial Challenges Facing the Fellowship Council” (not accredited for CME)	Room 250
1:30 PM - 5:30 PM	Half-Day Postgraduate Course: Humanitarian	Room 150 D
1:30 PM - 3:15 PM	The Great Presidential Debates of 2014	Ballroom A-D
1:30 PM - 3:15 PM	Panel: Emerging Frontiers in Simulation – Based Surgical Education	Ballroom J
1:30 PM - 3:15 PM	Panel: SAGES/ALACE – Evolution and Clinical Applications of Minimal Access Surgery in Latin America	Exhibit Hall D
1:30 PM - 3:15 PM	Panel: MIS Jeopardy	Ballroom E-H
3:15 PM - 3:45 PM	Happy ½ Hour Break in Exhibit Hall	Exhibit Hall A-C
3:30 PM - 5:30 PM	Session: Emerging Technology (not accredited for CME)	Ballroom A-D
3:45 PM - 5:30 PM	Panel: MIS for Acute Care Surgeons	Ballroom E-H
3:45 PM - 5:30 PM	Panel: SAGES/EAES – Benign Foregut: Opinions and Evidence in the Management of Benign Esophageal Disorders	Exhibit Hall D
3:45 PM - 5:30 PM	Resident/Fellow Scientific Session	Ballroom J
6:00 PM - 7:00 PM	Meet the Leadership Reception for Residents, Fellows & New Members	The Depot
7:00 PM - 11:00 PM	SAGES Gala & International Singoff	The Depot

### Saturday, April 5, 2014

8:00 AM - 9:30 AM	Concurrent Session SS11 Hernia	Exhibit Hall D
8:00 AM - 9:30 AM	Concurrent Session SS12 Robotics/Ergonomics	Ballroom E-H
8:00 AM - 9:30 AM	Concurrent Session SS13 HPB	Ballroom I
8:00 AM - 9:30 AM	Panel: Bariatric Complications for the non-Bariatric Surgeon	Ballroom J
8:00 AM - 9:30 AM	Panel: Why Haven't Conversion Rates Improved?	Ballroom A-D
9:30 AM - 11:00 AM	SS14 Plenary Session 2	Exhibit Hall D
10:00 AM - 12:30 PM	Exhibits, Poster Session, Learning Center Open	Exhibit Hall A-C
11:00 AM - 11:45 AM	SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend! (not accredited for CME)	Ballroom I
11:45 AM - 12:30 PM	FREE LUNCH for All Attendees	Exhibit Hall A-C
12:30 PM - 2:00 PM	Concurrent Session SS15 Colorectal	Ballroom J
12:30 PM - 2:00 PM	Concurrent Session SS16 Flexible Endoscopy	Ballroom A-D
12:30 PM - 2:00 PM	Concurrent Session SS17 Foregut	Ballroom E-H
12:30 PM - 2:00 PM	Concurrent Session SS18 Metabolic/Obesity 2	Exhibit Hall D
12:30 PM - 2:00 PM	Concurrent Session SS19 Quick Shots 2	Ballroom I
7:30 AM - 2:00 PM	SAGES Mini-Medical School Boot Camp for High School Students (not accredited for CME)	Room 250



**SAGES 2014**

Scientific Session & Postgraduate Courses

## SAGES

### *Humanity, Education, Leadership, Perspective, Support*

**Again this year SAGES will be 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:*



#### UTAH FOOD BANK

**Thursday, April 3 – 1:30PM - 4:30PM**

Meet at 1:15PM at Convention Center, South Foyer Entrance for shuttle transportation pickup

**Limitation: Must be 12 years of age or older**

Snacks & Water Provided

**Cost: No fee**

Signup available at registration desk by  
Wednesday, 6:30pm

#### *Utah Food Bank*

1 in 6 Utahns, and 1 in 5 Utah Children are unsure where their next meal will come from. Come out and help the Utah Food Bank fight hunger by volunteering at their warehouse sorting food drive donations or putting together boxes to be delivered to senior citizens.

Transportation will be provided from the convention center to/from the Utah Food Bank. Please dress appropriately for the tasks at hand and wear comfortable closed toed shoes.



**Friday, April 4 – 8:30AM - 3:00PM**

Meet at 8:30AM at Convention Center, South Foyer Entrance for shuttle transportation pickup

**Limitation: Must be 16 years of age or older**

Lunch and "Volunteer" T-Shirt Provided

**Cost: No fee**

Signup available at registration desk by  
Wednesday, 6:30pm

#### *Habitat for Humanity*

This organization needs no introductions. Come join us to help Habitat for Humanity eliminate poverty housing and homelessness in the county of Salt Lake City by helping to build and rehabilitate houses. Due to a mandatory safety orientation only individuals who can arrive at the build site by 9am can sign-up (unfortunately no latecomers allowed). You do not need any type of experience, knowledge or background in construction to participate. We are limited to a maximum capacity of 15 volunteers at the construction site so sign-up fast for this memorable experience!

Transportation will be provided from the convention center to/from the construction site. Please dress appropriately for the weather as you may be working inside and/or outside and wear comfortable closed toed shoes.



**Saturday, April 5 – 7:30AM - 2:00PM**

**Limitation: Must be a High School Student**

Lunch Provided

**Cost: No fee**

Advance Registration Required

#### *Mini-Med School Boot Camp*

High school students from the Salt Lake City 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, tours of the Learning Center and Exhibit Hall and the Top Gun Interactive Experience. Both cognitive and skill competitions with awards and prizes will be offered. See page 99 for further details.



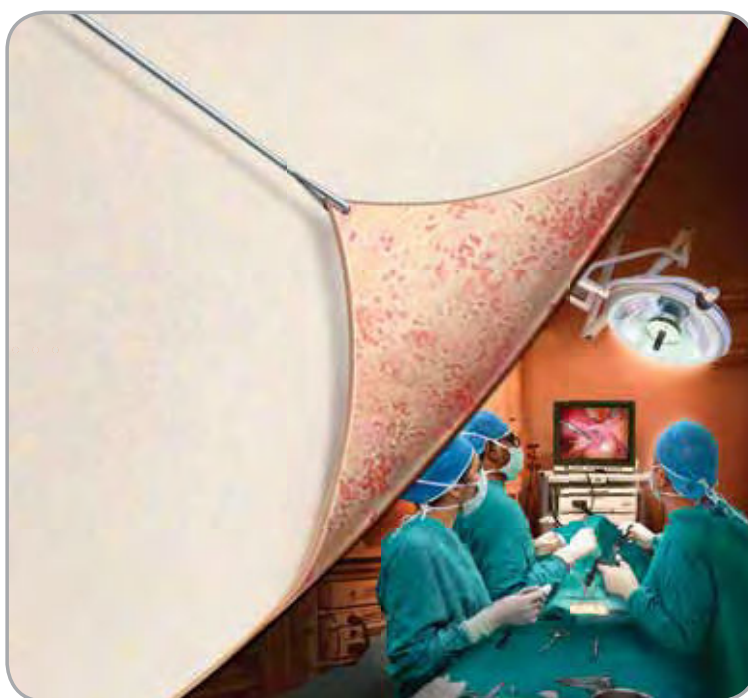
#### *SAGES Recognition of Excellence Award*

**Log onto SAGESPAGES to learn To Whom, From Whom and Why recipients of the 2014 SAGES Recognition of Excellence Coin.**

[www.sages.org/sagespages](http://www.sages.org/sagespages)

## Strattice™ Reconstructive Tissue Matrix Laparoscopic

The biologic matrix you know and trust<sup>1</sup> now  
designed to address the specific challenges  
of complex laparoscopic hernia repair



A minimally invasive alternative for your  
complex patients

Before use, physicians should review all risk information, which can be found in the *Instructions for Use* attached to the packaging of each LifeCell™ Tissue Matrix graft.

1. IMS Data 2012. According to IMS Data, Strattice™ Reconstructive Tissue Matrix was the most used matrix in 2012.





# **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 recusal).
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.

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

**Chair: Patricia Sylla, MD**

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# SAGES 2014 Meeting Commercial Bias Reporting Form



SAGES 2014  
Scientific Session & Postgraduate Courses

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 Salt Lake City 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:

(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 2014 Final Program CME Hours

## Accreditation:

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor Continuing Medical Education for physicians.

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) designates this live activity for a maximum of 31 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

CME Worksheet for the 2014 SAGES Scientific Session & Postgraduate Course: This is NOT your CME credit form. Please use the worksheet below to track the number of CME hours you attend for each activity. **All attendees wishing to receive a CME certificate for activities attended at the 2014 SAGES Scientific Session & Postgraduate Course must complete an on-line meeting evaluation.** Attendees will be able to print and re-print their certificates throughout the year beginning two weeks after the conclusion of the meeting.

- During or after the meeting: Attendees will also have access to the on-line meeting evaluation and credit claim form via a link on the Annual Meeting website.

**Be sure to retain your Conference Badge as the ID number will be your online PIN number.** An email will also be sent, reminding attendees of this service.

**Self-Assessment CME Credit, Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program:** This activity has also been designated as Self-Assessment CME credit, applicable to Part 2 of the 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 its requirements, visit the ABS website at: <http://home.absurgery.org/>

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

	Activity	Hours I Attended	Credits Available
WEDNESDAY	PG Course: SAGES/CAGS/ERAS Society Enhanced Recovery After Surgery Pathways		7.75
	PG Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications		4
	Career Development Symposium		3.75
	PG Course: SAGES/SSAT-Optimizing Results of Fundoplication		2.25
	HO Course: SAGES/ASMBS-Endoscopic Management of Bariatric Complications		4
	Getting Your Video Accepted Panel		2
	Per Oral Endoscopic Myotomy (POEM) Panel		2
	Reoperative Pelvic Surgery, Benign and Malignant Panel		2
	FUSE, Fire and Fiasco-OR Safety 101		2
	Product Development Panel-Innovations for Patients Benefits		2
	Updates in Benign CRS Panel		2
	<b>SUBTOTAL</b>		<b>MAX: 8.25</b>
THURSDAY	Military Surgical Symposium		6.75
	PG Course: Common Bile Duct (CBD) Stones		3
	PG Course: Ventral Hernia Repair		3.25
	Hepato-Pancreato-Biliary Panel		3.5
	NOSCAR Symposium-Advances in Natural Orifice Surgery		3
	Karl Storz Lecture		0.75
	Educator's Luncheon		1
	Concurrent Session SS1		2
	Postgraduate Video-Based Course: Ventral Hernia Repair		3.5
	Hands-On Course: CBD Stones		4
	Didactic & Hands-On Course: Flexible Endoscopy-Train the Trainers		4
	Ethics of Innovation Symposium		4
	SAGES/KSELS Panel: Gastric Cancer		2
FRIDAY	Current Management of Rectal Cancer Panel		1.5
	Concurrent Session SS2 Video 1		1.5
	<b>SUBTOTAL</b>		<b>MAX: 9.25</b>
	Military Surgical Symposium		6.5
	Scientific Session/Concurrent Session (SS3, SS4, SS5)		1
	SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD)		1
	SS6 Plenary Session 1		1.5
	Presidential Address		0.75
	Gerald Marks Lecture-10:45-11:30AM		0.75
	Scientific Session/Concurrent Sessions (SS7, SS8, SS9, SS10)		1
	Fellowship Council Luncheon		0
	PG Course: Humanitarian		3.5
	The Great Presidential Debates of 2014		1.75
SATURDAY	Emerging Frontiers in Simulation-Based Surgical Education		1.75
	SAGES/ALACE Panel		1.75
	MIS Jeopardy		1.75
	Emerging Technology Session		0
	MIS for Acute Care Surgeons		1.75
	SAGES/EAES Panel: Benign Foregut		1.75
	Resident/Fellow Scientific Session		1.75
	<b>SUBTOTAL</b>		<b>MAX: 8.5</b>
	Scientific Session/Concurrent Sessions (SS11, SS12, SS13)		1.5
	Bariatric Complications for the non-Bariatric Surgeon		1.5
	Why Haven't Conversion Rates Improved?		1.5
	SS14 Plenary Session 2		2
	Scientific Sessions/Concurrent Sessions (SS 15-19)		1.5
	SAGES Mini Medical School Boot Camp		0
	<b>SUBTOTAL</b>		<b>MAX: 5</b>





# 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/>



### Step 1: Attend the SAGES Meeting

HPB AE PE

### Step 2: Note the Learning Themes for which you attended the greatest number of hours



### Step 3: Complete Evaluation Tool & CME Claim [cme.sages.org](http://cme.sages.org)



### Step 4: Successfully answer 8 questions related to 2 Learning Themes



### Step 5: Print your CME certificate and Part 2 SA credit online

## Learning Theme Symbols (look for these throughout the final program)

- |   |   |
|---|---|
| <b>B</b> Bariatrics   | <b>NS</b> New technologies/Skill acquisition – cutting-edge therapies such as robotic, single access, POEM, and natural orifice techniques                    |
| <b>C</b> Colorectal   | <b>PE</b> Professional/Economic – strategies for improving practice efficiency and patient safety including billing and the use of electronic medical records |
| <b>FE</b> Flex Endo   | <b>HPB</b> HPB/Solid Organ  |
| <b>FOR</b> Foregut  |   |
| <b>HR</b> Hernia  |   |
| <b>AE</b> Academic/Educational – simulation-based teaching, research-related techniques, career development, fellowship training, and the development of innovative ideas |   |

## 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 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 2014**

Scientific Session & Postgraduate Courses

# SAGES 2014 Meeting Leaders

## Program Chairs:



**Jeffrey M. Marks, MD**



**Tonia M. Young-Fadok, MD, MS**

## 2014 Course Chairs & Unit Coordinators

### Military Surgical Symposium:

**Chair:** LTC(P) Robert B. Lim, MD  
**Co-Chairs:** COL Robert M. Rush, MD & LTC Yong U. Choi, MD

### CME Czars:

**Chair:** John T. Paige, MD  
**Co-Chair:** Elisabeth C. McLemore, MD

### Equipment Czars:

**Chair:** Brian R. Smith, MD  
**Co-Chair:** Benjamin K. Poulose, MD

### Learning Center:

**Chair:** S. Scott Davis, Jr, MD  
**Co-Chair:** Matthew I. Goldblatt, MD

### Posters:

**Chair:** Garth R. Jacobsen, MD  
**Co-Chair:** Danielle S. Walsh, MD

### Video:

**Chair:** Jon C. Gould, MD  
**Co-Chair:** Melissa S. Phillips, MD

### Postgraduate Course: CBD Stones

**Chair:** Joseph B. Petelin, MD  
**Co-Chair:** Brian J. Dunkin, MD

### Postgraduate Course: SAGES/CAGS/ERAS Society – Enhanced Recovery After Surgery Pathways

**Chair:** Olle Ljungqvist, MD, PhD  
**Co-Chair:** Liane S. Feldman, MD

### Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success

**Chair:** Kristi Lee Harold, MD  
**Co-Chair:** Yuri Novitsky, MD

### Postgraduate Video-based Course:

**Ventral Hernia Repair – Challenging Scenarios**  
**Chair:** Brent D. Matthews, MD  
**Co-Chair:** Kent W. Kercher, MD

### Postgraduate Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications

**Chair:** Natan Zundel, MD  
**Co-Chair:** Jeffrey W. Hazey, MD

### Postgraduate Course: Humanitarian

**Chair:** Adrian Park, MD  
**Co-Chair:** Raymond R. Price, MD

### Didactic and Hands-On Course: Flexible Endoscopy – Train the Trainers

**Chair:** Thadeus L. Trus, MD  
**Co-Chair:** E. Matthew Ritter, MD

### Hands-On Course: CBD Stones

**Chair:** Eric Steven Hungness, MD  
**Co-Chair:** Mark J. Watson, MD

### Hands-On Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications

**Chair:** Dean J. Mikami, MD  
**Co-Chair:** Eric Mark Pauli, MD

### Fellowship Council Luncheon

**Chair:** Samer G. Mattar, MD  
**Co-Chair:** Bruce D. Schirmer, MD

### Educator's Luncheon

**Chair:** John D. Mellinger, MD  
**Co-Chair:** Brent D. Matthews, MD

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# SAGES 2014 Meeting Leaders



## SAGES Panel/Session/Symposium/Debates Chairs/Co-Chairs:

### Bariatric Complications for the non-Bariatric Surgeon Panel:

**Chair:** Ninh Tuan Nguyen, MD  
**Co-Chairs:** Matthew I. Goldblatt, MD

### Current Management of Rectal Cancer Panel:

**Chair:** David Etzioni, MD  
**Co-Chair:** George J. Chang, MD

### Emerging Frontiers in Simulation-Based Surgical Education Panel:

**Chair:** Steven D. Schwartzberg, MD  
**Co-Chair:** Suvranu De, Sc.D.

### FUSE, Fire and Fiasco – OR Safety 101 Panel:

**Chair:** Pascal R. Fuchshuber, MD  
**Co-Chairs:** Anne O. Lidor, MD and Daniel Bougere Jones, MD

### Getting Your Video Accepted Panel:

**Chair:** Jon C. Gould, MD  
**Co-Chair:** Sharona B. Ross, MD

### Hepato-Pancreato-Biliary Panel:

**Chair:** Horacio J. Asbun, MD  
**Co-Chair:** Rohan Jeyarajah, MD

### MIS for Acute Care Surgeons Panel:

**Chair:** Kosar A. Khwaja, MD  
**Co-Chair:** Garth R. Jacobsen, MD

### MIS Jeopardy Panel:

**Chair:** Frederick L. Greene, MD  
**Co-Chair:** Richard Larry Whelan, MD

### POEM Panel:

**Chair:** Kevin M. Reavis, MD  
**Co-Chair:** Haruhiro Inoue, MD

### Product Development – Innovations for Patients Benefits Panel:

**Chair:** Raymond P. Onders, MD  
**Co-Chair:** David W. Rattner, MD

### Reoperative Pelvic Surgery, Benign and Malignant Panel:

**Chair:** Alessandro Fichera, MD  
**Co-Chair:** Sharon L. Stein, MD

### SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America

**Chair:** Alonso Alvarado, MD  
**Co-Chair:** Eduardo Moreno-Paquentin, MD

### SAGES/EAES Panel: Benign Foregut – Opinions and Evidence in the Management of Benign Esophageal Disorders

**Chair:** Marco G. Patti, MD  
**Co-Chair:** Eduardo Targarona, MD

### Updates in Benign CRS Panel:

**Chair:** Mark H. Whiteford, MD  
**Co-Chair:** Conor Delaney, MD, PhD

### SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up With Our Japanese Colleagues?

**Chair:** Manabu Yamamoto, MD, PhD  
**Co-Chair:** Lee L. Swanson, MD

### SAGES/KSELS Panel: Gastric Cancer

**Chair:** Ho-Seong Han, MD  
**Co-Chair:** Jose M. Martinez, MD

### SAGES/SSAT Optimizing Results of Fundoplication Panel:

**Chair:** Ralph W. Aye, MD  
**Co-Chair:** John Hunter, MD

### Why Haven't Conversion Rates Improved? Panel:

**Chair:** Ali Tavakkoli, MD  
**Co-Chair:** Elisabeth C. McLeomore, MD

### Emerging Technology Session:

**Chair:** Matthew M. Hutter, MD  
**Co-Chair:** Dmitry Oleynikov, MD

### Resident/Fellow Scientific Session:

**Chair:** Vanessa N. Palter, MD  
**Co-Chair:** Linda P. Zhang, MD

### Career Development Symposium:

**Chair:** Aurora Dawn Pryor, MD  
**Co-Chair:** Karen D. Horvath, MD

### Ethics of Innovation Symposium:

**Chair:** Phillip P. Shadduck, MD  
**Co-Chairs:** Robert D. Fanelli, MD and Steven C. Stain, MD

### NOSCAR™ Symposium – Advances in Natural Orifice Surgery

**Chair:** Daniel J. Scott, MD  
**Co-Chair:** Michael L. Kochman, MD

### The Great Presidential Debates of 2014:

**Chair:** Jeffrey M. Marks, MD  
**Co-Chair:** Tonia M. Young-Fadok, MD, MS

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Greg Stiegmann, MD	1996 - 1997	Steven Schwartzberg, MD	2011 - 2012
Desmond Birkett, MD	1997 - 1998	W. Scott Melvin, MD	2012 - 2013

## FES & FLS Testing

**Wed. April 2 - Fri. April 4, 2014**

For more details or to  
schedule your test:

**Fundamentals of Endoscopic Surgery™**  
fes@sages.org

**Fundamentals of Laparoscopic Surgery™**  
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SAGES 2014  
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Wednesday, April 2, 2014



**SAGES 2014**

*Scientific Session & Postgraduate Courses*

Time	Program	Location
7:30 AM - 5:30 PM	<b>Full-Day Postgraduate Course: SAGES/CAGS/ERAS Society – Enhanced Recovery After Surgery Pathways- How you can Optimize Perioperative Care, Improve Outcomes and Decrease Costs</b>	Ballroom A-D
7:30 AM - 11:45 AM	<b>Half-Day Postgraduate Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications</b>	Exhibit Hall D
7:30 AM - 11:45 AM	<b>Symposium: Career Development</b>	Ballroom E-H
9:30 AM - 11:45 AM	<b>Panel: SAGES/SSAT – Optimizing Results of Fundoplication</b>	Ballroom J
12:00 PM - 1:30 PM	<b>SAGES Foundation Awards Luncheon (not accredited for CME)</b>	Room 250
1:30 PM - 5:30 PM	<b>Half-Day Hand-On Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications</b>	Room 155
1:30 PM - 3:30 PM	<b>Panel: Getting Your Video Accepted</b>	Ballroom E-H
1:30 PM - 3:30 PM	<b>Panel: Per Oral Endoscopic Myotomy (POEM)</b>	Exhibit Hall D
1:30 PM - 3:30 PM	<b>Panel: Reoperative Pelvic Surgery, Benign and Malignant – What is the Big Deal?</b>	Ballroom J
3:30 PM - 5:30 PM	<b>Panel: FUSE, Fire and Fiasco – OR Safety 101</b>	Exhibit Hall D
3:30 PM - 5:30 PM	<b>Panel: Product Development – Innovations for Patients Benefits</b>	Ballroom E-H
3:30 PM - 5:30 PM	<b>Panel: Updates in Benign CRS</b>	Ballroom J
5:30 PM - 7:30 PM	<b>Exhibits Opening Welcome Reception</b>	Exhibit Hall A-C

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

## **SAGES 2014 Meeting Corporate Supporters**

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Wednesday, April 2, 2014

7:30 AM - 11:45 AM and 1:30 PM - 5:30 PM

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



## **SAGES/CAGS/ERAS Society Enhanced Recovery Postgraduate Course: Enhanced Recovery After Surgery Pathways – How You Can Optimize Perioperative Care, Improve Outcomes and Decrease Costs**

Session Chair: Olle Ljungqvist, MD, PhD; Session Co-Chair: Liane S. Feldman, MD

### **SESSION DESCRIPTION**

You are providing state-of-the art minimally invasive surgery for your patients. But is your perioperative care meeting the same standards? What is keeping your patients in the hospital and impeding their return to their baseline performance and function? Recent guidelines identify over twenty evidence-based interventions spanning the entire perioperative period that reduce surgical stress, improve functional and physiologic recovery and reduce morbidity, allowing for short or ultrashort hospital stays and decreasing costs. Enhanced Recovery Pathways (ERPs) are standardized, coordinated, multidisciplinary perioperative care plans that incorporate these multiple interventions into a package. The ERP approach challenges surgical traditions for which there is a lack of evidence and that may in fact impair recovery, such as routine preoperative fasting, bowel preparation, and the prolonged use of drains and tubes. The evidence for the benefits of ERPs in decreasing length of stay and morbidity is strongest in colorectal surgery but there is emerging evidence in other areas, including upper GI and hepatobiliary surgery. This full day post-graduate course will introduce the ERP concept, review the evidence-base for the building blocks of an ERP program, and provide practical advice from experts to kick-start your own program.

It is strongly encouraged to attend the course as a team including anesthesiology and nursing, and ideally administration, in order to begin to integrate these approaches and optimize patient care. Multidisciplinary teams attending the course may be able to participate in a pilot implementation project providing mentorship to aid in adoption of an ERP program through the SAGES SMART (Surgical Multimodal Accelerated Recovery Trajectory) program.

### **SESSION OBJECTIVES**

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

- Recognize individual elements that are parts of ERP programs
- Identify components of traditional perioperative care that are not beneficial and may even cause harm
- Apply best practices for perioperative care after various types of digestive surgery
- List the steps required to implement an ERP program for various types of digestive surgery
- Understand challenges and barriers in implementing an ERP program
- List the benefits of ERP programs in colorectal surgery identified in meta-analyses
- Describe the cost impact of ERP programs

### **ACTIVITY OUTLINE**

Time	Presentation Title	Faculty Name
7:30AM	<b>Welcoming Remarks</b>	Liane Feldman, MD
7:35AM	<b>ERP, A Paradigm Shift for Perioperative Care</b>	Olle Ljungqvist, MD, PhD
<b>The Science of ERP Part I: Building Blocks For Your Program</b>		Moderator: Liane Feldman, MD
8:05AM	<b>Preoperative Preparation: The Program Starts Now! Getting The Patients On Board And In Shape</b>	Franco Carli, MD
8:25AM	<b>Why are your Patients Still "NPO After Midnight"? Let's Give Them Carbohydrate Drinks Instead!</b>	Olle Ljungqvist, MD, PhD
8:45AM	<b>Bowel Preparation: Never, Always or Sometimes?</b>	Dieter Hahnloser, MD
9:00AM	<b>Preoperative Medical Optimization</b>	Thomas Robinson, MD
9:15AM	<b>Questions/Discussion</b>	Panel
9:30AM	<b>Break</b>	
<b>The Science of ERP Part II: Building Blocks For Your Program</b>		Moderator: Conor Delaney, MD, PhD
9:45AM	<b>The Role of the Anesthesiologist in Reducing Surgical Stress and Improving Recovery</b>	Franco Carli, MD
10:05AM	 <b>Fluid Management: Do You Know if You're Giving too Much or too Little?</b>	Allan Okrainec, MD
10:20AM	<b>I'm Already Doing Laparoscopic Surgery – Why Should I Add an ERP?</b>	John Monson, MD
10:35AM	<b>Postoperative ileus: Necessary Evil or Avoidable?</b>	Bradley Champagne, MD
10:50AM	<b>Multimodal Pain Management Strategies: How Can We Do Better?</b>	Kyle Cologne, MD
11:05AM	<b>Early Nutrition and Early Mobilization: Why They're Important and How to Make it Happen</b>	Tonia Young-Fadok, MD, MS
11:20AM	<b>Management of Tubes, Drains, Catheters: Do We Need All That Stuff?</b>	William Richardson, MD

SAGES acknowledges educational grants in support of this course from Covidien, Edwards Lifesciences and Ethicon.

**BALLROOM A-D**



**ERAS<sup>®</sup> Society**



Wednesday, April 2, 2014



SAGES 2014

Scientific Session & Postgraduate Courses



## SAGES/CAGS/ERAS Society Enhanced Recovery Postgraduate Course: (continued)

11:35AM	Questions/Discussion	Panel
11:45AM	Lunch Break	
<b>ERP: It's Not Just for Colorectal Surgery Anymore!</b>		Moderator: Olle Ljungqvist, MD, PhD
1:30PM	Clinical Effectiveness of ERPs: Reviewing the Evidence	Liane Feldman, MD
1:50PM	Making the 23-Hour Colectomy a Reality	Conor Delaney, MD, PhD
2:05PM	ERPs in Bariatric Surgery: The 23-hour Sleeve Gastrectomy	Rajesh Aggarwal MD
2:20PM	My ERP for Upper GI Surgery: Esophagectomy, Gastrectomy	Lorenzo Ferri, MD
2:35PM	My ERP For Hepatobiliary Surgery: Liver and Pancreas	Nicolas Demartines, MD
2:50PM	Getting Your Team Together and Reaching Consensus: Overcoming the Obstacles	Julie Thacker, MD
3:05PM	Making the Business Case for Your ERP Program: Spending Money to Save Money?	Anthony Senagore, MD
3:20PM	Questions/Discussion	Panel
3:40PM	Break	
<b>ERP implementation: tips for success from around the world</b>		Moderator: Anthony Senagore, MD
4:00PM	The Role of the Nurse	Debbie Watson, RN
4:15PM	The ERAS Society and the Interactive Audit System	Olle Ljungqvist, MD, PhD
4:30PM	Implementation of ERP at a US Center	Anthony Senagore, MD
4:45PM	Implementation of ERPs in a Swiss Centers	Nicolas Demartines, MD
5:00PM	The View from a Department Chair	Gerald Fried, MD
5:15PM	Questions/Discussion	Panel

SAGES acknowledges educational grants in support of this course from Covidien, Edwards Lifesciences and Ethicon.

### LEARNING THEMES

- C** Colorectal
- FOR** Foregut
- NS** New technologies/Skill acquisition
- PE** Professional/Economic



## THE 2014 MEETING APP



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- » Note Taking
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- » Enhanced maps, listings & search capabilities
- » Enhanced exhibitor listing & features



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**SAGES 2014**

Scientific Session & Postgraduate Courses

Wednesday, April 2, 2014

7:30 AM - 11:45 AM

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

## SAGES/ASMBS Postgraduate Course: Endoscopic Management of Bariatric Complications

EXHIBIT HALL D

Session Chair: Natan Zundel, MD; Session Co-Chair: Jeffrey W. Hazey, MD

### SESSION DESCRIPTION

This session is for bariatric surgeons who routinely perform a variety of bariatric procedures and wish to update their endoscopic skills to manage complications that are unique to bariatric procedures. These complications may occur acutely at the time of the procedure (intra-op) or within days. Additionally, unique chronic complications may be addressed endoscopically remote from the date of the procedure.

### SESSION OBJECTIVES

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

- Recognize and diagnose bariatric complications that may be safely treated endoscopically
- Identify which complications may be safely treated endoscopically
- Distinguish which endoscopic procedures would require referral to a practitioner with the endoscopic skills to safely and successfully treat the complication



### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	Endoscopic "Normal" Anatomy After Different Bariatric Procedures	Bipan Chand, MD
7:50AM	Acute Complications: Endoscopic Management of Bleeding – Staple Line and Anastomotic	Thadeus Trus, MD
8:10AM	Acute Complications: Endoscopic treatment of Leaks after Bariatric Surgery	Manoel Galvao Neto, MD
8:30AM	Chronic Complications: Endoscopic Treatment for Strictures	Natan Zundel, MD
8:50AM	Chronic Complications: Fistula – Glue, Stents, Septotomies	Josemberg Campos, MD
9:10AM	Endoscopic Treatment of Cholelithiasis, Cholelithiasis after Bariatric Surgery	Jeffrey Hazey, MD
9:30AM	Break	
9:45AM	How to Access the Gastric Remnant for Management of CBD Stones – Endoscopically and Surgically	Samuel Szomstein, MD
10:05AM	Diagnose and Endoscopic Removal of Gastric Band Erosion	Erik Wilson, MD
10:25AM	Weight Re-gain: Pouch Reduction/Stoma Re-sizing	Nicole Pena, MD
10:45AM	Impactions, Bezoars, Marginal Ulcers	Dean Mikami, MD
11:05AM	When to Stop Endoscopic Management and Go to the OR	Ninh Nguyen, MD
11:25AM	Discussion	

SAGES acknowledges an educational grant in support of this course from Apollo EndoSurgery.

### LEARNING THEMES

**B** Bariatrics

**FE** Flex Endo

## Save the Date!

**SAGES Scientific Session & Postgraduate Course**

April 15 - 18, 2015, Gaylord Opryland Hotel, Nashville, TN

**SAGES Scientific Session & Postgraduate Course**

March 16 - 19, 2016, Boston, MA

**SAGES Scientific Session & Postgraduate Course**

March 22 - 25, 2017, Houston TX

Wednesday, April 2, 2014

7:30 AM - 11:45 AM

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



SAGES 2014  
Scientific Session & Postgraduate Courses

## Career Development Symposium

**BALLROOM E-H**

**Session Chair:** Aurora Dawn Pryor, MD; **Session Co-Chair:** Karen D. Horvath, MD

### SESSION DESCRIPTION

This symposium will be geared toward medical students, residents, fellows and junior faculty. It will provide the tools for planning a path to succeed in academic practice. The symposium addresses finding a job, how to negotiate for your position and how to position oneself up for promotion and career advancement. Grant writing, manuscript preparation and speaking will also be addressed.

### SESSION OBJECTIVES

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

- Delineate promotion criteria and assess how to prioritize for success
- Effectively identify and negotiate for an academic position
- Plan, implement, fund, publish and present research
- Organize personal life to obtain balance and avoid burnout

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	Introduction	Aurora Pryor, MD Karen Horvath, MD
<b>Session I – Research and Grants</b>		
7:40AM	Designing and Implementing a Research Study	Brent Matthews, MD
7:52AM	Applying for Grants and The Grant Review Process	Melina Vassiliou, MD
8:04AM	A Primer on Funding Sources	Dimitrios Stefanidis, MD, PhD
8:16AM	Partnering with Industry - the Good, the Bad and the Ugly	Steve Eubanks, MD
8:28AM	Panel Discussion	Session I Faculty
8:45AM	Break	
<b>Session II – The Art of Scholarly Presentations</b>		
9:00AM	How to Give a Good Talk	Ray Onders, MD
9:12AM	Constructing a Scientific Manuscript	David Urbach, MD
9:24AM	Where Should I Submit My Manuscript/What Happens After I Submit?	Benjamin Poulouse, MD
9:36AM	How Do I Review a Paper?	Carla Pugh, MD, PhD
9:48AM	Panel Discussion	Session II Faculty
10:00AM	Break	
<b>Session III– Promotion, Advancement &amp; Sanity</b>		
10:15AM	What Do I Look For in a New Hire?	William Richards, MD
10:27AM	The Foundation of Effective Negotiations	Mark Talamini, MD
10:39AM	The Promotion & Tenure Process	Mark Callery, MD
10:51AM	Balancing Career with Family and Personal Life	Kevin Reavis, MD
11:03AM	Avoiding Burnout	Jo Buyske, MD
11:15AM	Panel Discussion	Session III Faculty

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

### LEARNING THEMES

- AE** Academic/Educational
- PE** Professional/Economic

The entire 2014 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



Wednesday, April 2, 2014

9:30 AM - 11:45 AM

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



## SAGES/SSAT Panel: Optimizing Results of Fundoplication

BALLROOM J

Session Chair: Ralph W. Aye, MD; Session Co-Chair: John Hunter, MD

### SESSION DESCRIPTION

It is estimated that up to 40% of the U.S. population suffers from GERD, yet less than 1% undergo antireflux surgery, despite the fact that 30-40% of those on daily PPI use having incomplete relief of symptoms. In part this reluctance stems from the perception by patients and referring physicians that surgery is associated with unacceptable side effects and complications and that it does not last. It is up to surgeons to regain their confidence through skillful patient selection, rigorous technique, and comprehensive support of their patients. This session is intended for surgeons wanting to take their antireflux practice from average to expert.





### SESSION OBJECTIVES

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

- Identify pitfalls and develop increased sophistication in the selection of appropriate candidates for antireflux surgery
- Develop tools for postoperative management that lead to higher patient satisfaction
- Articulate the critical technical components of an expertly performed antireflux operation and elucidate the intraoperative obstacles, judgments and refinements that lead to excellent results and improved safety in antireflux surgery
- Recognize tools for identifying possible short esophagus preoperatively
- Describe the options for intraoperative assessment and management of short esophagus
- Differentiate the anatomic components of the gastroesophageal junction as a foundation for improving surgical technique
- Identify approaches for closing the esophageal hiatus safely and effectively
- Develop techniques for overcoming the obstacles to success in closing the esophageal hiatus
- Articulate the reasons referring physicians are hesitant to consider referring patients for antireflux surgery and develop approaches for building their trust

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
9:30AM	Anatomy of the Antireflux Barrier	Brian Louie, MD
9:45AM	 Proper Patient Selection, Work-Up, and Perioperative Management – From Perfect Patient To Reality	John Hunter, MD
10:00AM	Management of the “Short Esophagus”	Steven DeMeester, MD
10:15AM	Difficult Diaphragmatic Closure	Brant Oelschlager, MD
10:30AM	 How to go from Learning Curve to Expert in the Technique of Fundoplication	Steven P. Bowers, MD
10:45AM	What does a Gastroenterologist Need to Know to Refer a Patient for Fundoplication?	Stuart Spechler, MD
11:00AM	Diagnosis and Management of GERD in Pediatric Patients: Different from Adult GERD?	Gretchen Purcell Jackson, MD, PhD
11:15AM	Panel Discussion/Questions and Answers	All Faculty

### LEARNING THEMES

- FOR** Foregut
- NS** New technologies/Skill acquisition
- PE** Professional/Economic

## SAGES Goes Green!

In our continuing effort to support the environment, you will see less paper at the SAGES 2014 Annual Meeting. Electronic copies of all the abstracts and digital posters will be available on-line for all attendees and in the SAGES 2014 Meeting App. Go to [sages2014.org](http://sages2014.org) for more information.

SAGES 2014  
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Wednesday, April 2, 2014

12:00 PM - 1:30 PM

\*Separate Fee Applies



## The 8<sup>th</sup> Annual SAGES Foundation Awards Luncheon

ROOM 250

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

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 2014 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 – Bruce Schirmer, MD

### SAGES Foundation - Gerald Marks Rectal Cancer Award

Presented by: Bruce Schirmer, MD; SAGES Foundation President



**Recipient: Elisabeth McLemore, MD**

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

**Abstract Title: TRANSANAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: A TRAINING PATHWAY**

**Dr. McLemore** is a board-certified colorectal surgeon specializing in minimally invasive surgery and natural orifice surgery for colorectal cancer and inflammatory bowel disease. Her specialties include laparoscopic and robotic gastrointestinal surgery, transanal minimally invasive surgery (TAMIS), and colonoscopy. She is an innovation enthusiast and is the primary investigator at UC San Diego evaluating transanal TME for rectal cancer.

### SAGES 2014 Top International Abstracts

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: MHGM van der Pas, MD**

**Institution:** Maastrichts University Medical Center

**Abstract Title:** *Factors leading to a higher conversion rate after Laparoscopic Rectal Cancer Surgery and its impact on Morbidity and Mortality*

**Country:** The Netherlands

**Name: Jun Yan, MD**

**Institution:** Nanfang Hospital, Southern Medical University

**Abstract Title:** *A Multi-Center study of Using Carbon Nanoparticles to track Lymph Node Metastasis in T1-2 Colorectal Cancer*

**Country:** China

**Name: Elie K Chouillard, MD, PhD**

**Institution:** POISSY Saint Germain Medical Center

**Abstract Title:** *Transperineal NOTES-Inspired Approach to the Total Mesorectal Excision (TME) in patients with Rectal Neoplasia a Preliminary Experience*

**Country:** France

**Name: Noan J Switzer, MD**

**Institution:** University of Alberta

**Abstract Title:** *Endoscopic Versus open Component Separation: Systematic Review and Meta-Analysis*

**Country:** Canada

**Name: Marta M Tasende Presdeo, MD**

**Institution:** University of Barcelona

**Abstract Title:** *Manos Proctocolectomy and Ileal Pouch Anal Anastomosis for Ulcerative Colitis*

**Country:** Barcelona, Spain

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### SAGES IRCAD Fellowship Award

Presented by: David Rattner, MD, Awards Committee Chair



#### Recipient: Eran Shlomovitz, MD

*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. Shlomovitz** completed medical school at the University of Western Ontario in 2006. He subsequently completed his residency in Radiology/Interventional Radiology and General Surgery at the University of Toronto. He is currently an Advanced GI/MIS Fellow at the Oregon Clinic/ Providence Portland Medical Center under the direction of Dr. Lee Swanson. Throughout his residency, Dr. Shlomovitz was able to tailor his training experiences according to his belief in the important role of cross-discipline collaboration, utilization of technology, and the acquisition of hybrid therapeutic skills. As a result, he has the honor of being the first graduate of a combined, 7 year program in General Surgery, Radiology, and IR and is both, a board certified surgeon and a board certified interventional radiologist. His research interests include endoscopic and image guided surgical techniques. He believes in the vision of the future of surgery being "hybrid" and being able to attend program at IRCAD will allow him to see this vision of hybrid surgery carried out in real life. His long term career goals are to become an academic surgeon utilizing my cross training to promote collaborative research and education to further develop image guided and minimally invasive surgery.

*SAGES gratefully acknowledges support from Karl Storz Endoscopy.*

### SAGES Brandeis Award

Presented by: David Rattner, MD, Awards Committee Chair

#### Recipients: Ross Goldberg, MD Jon Gould, 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. Goldberg** is the Chief of Surgery at Maricopa Integrated Health Services in Phoenix, Arizona. He serves on the SAGES Legislative Committee, recently finished serving on the American College of Surgeons Professional Association - SurgeonsPAC Board of Directors and has recently helped to create and now manages a surgical advocacy website. He has been actively involved in organized medicine and lobbying Congress on the behalf of patients, surgeons and the house of medicine for the past 13 years.



**Dr. Gould** is an Associate Professor of Surgery and Chief of the Division of General Surgery at the Medical College of Wisconsin. He holds the Walker Chair in Surgery at the Medical College and is the Senior Medical Director for Clinical Affairs at MCW's affiliate hospital. He currently serves as the Co-Chair of SAGES Program Committee.

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

Wednesday, April 2, 2014



SAGES 2014  
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## SAGES 2014 Research Grant Awards

Presented by: David Urbach, MD; Research Committee Chair with Representatives from Supporting Companies

**Recipient:** Amin Madani, MD

**Institution:** McGill University

**Title:** Does Simulation Improve Learning of the Fundamental Use of Surgical Energy™ (FUSE) curriculum, A Randomized-Controlled Trial in Surgical Trainees

Supported by SAGES Education & Research Foundation

**Recipient:** Philip A. Omotosho, MD

**Institution:** Duke University Medical Center

**Title:** Intestinal Remodeling and Reprogramming of Glucose Metabolism Following Laparoscopic Roux-en-Y Gastric Bypass

Supported by SAGES Education & Research Foundation

**Recipient:** Rebecca Bradshaw Baucom, MD

**Institution:** Vanderbilt University School of Medicine

**Title:** Choledocholithiasis Management in America: Do Rural Surgeons Need Different Skills than Urban Surgeons?

Supported by SAGES Education & Research Foundation

**Recipient:** Eran Shlomovitz, MD

**Institution:** Providence Portland Medical Center, The Oregon Clinic

**Title:** The use of Nitrous Oxide for Endolumenal Evaluation of Endoscopic Closure following Luminal Full Thickness interventions in a Porcine Model

Supported by Karl Storz Endoscopy

**Recipient:** Per-Ola Park, MD

**Institution:** South Älvsborg Hospital

**Title:** Perforated Duodenal Ulcer - Surgery or Endoscopic Stent Treatment, A Randomized Multicenter Study

Supported by SAGES

**Recipient:** John Scott Roth, MD

**Institution:** University of Kentucky

**Title:** Effect of Matrix Metalloproteinase-2 Inhibitor Doxycycline on Incisional Hernia Recurrence Rates in an ADM or Polypropylene Mesh Implanted Rat Incision Hernia Model

Supported by SAGES

**Recipient:** Eric Mark Pauli, MD

**Institution:** The Pennsylvania State University, College of Medicine

**Title:** Laparoscopic and Open Transversus Abdominis Release Offer Similar Reductions in Midline Fascial Closure Force

Supported by SAGES

## Fundamentals of Endoscopic Surgery™ Research Grants:

Supported by SAGES Foundation

**Recipient:** Maria Affleck Cassera, BS

**Institution:** The Oregon Clinic

**Title:** Validation of the SAGES STEP Program as Preparation of Competency Certification for Surgical Trainees in Flexible Endoscopy

**Recipient:** Jeffrey W. Hazey, MD, FACS

**Institution:** The Ohio State University Wexner Medical Center

**Title:** Virtual Reality Simulation in Flexible Endoscopy: Implications for Resident Training

## Patient Centered Outcomes Grant:

**Recipient:** Conor P. Delaney, MD, PhD

**Institution:** Case Med Center/University Hospital of Cleveland

**Title:** Building a Better Metric for Surgical Quality: The HARM Score

Supported by Covidien

## Career Development Award



**Recipient:** Dana A. Telem, MD

**Institution:** Stony Brook University Medical Center

**Title:** Masters of Public Health Degree to Support Research Initiatives Towards Improved Health Care Quality and Patient Outcomes in Bariatric and Gastrointestinal Surgery

This award is supported by the SAGES Education and Research Foundation.

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## SAGES Researcher in Training Award

Presented by: David Urbach, MD, Research Committee Chair



### Recipient: Ezra Teitelbaum, 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 GI/endoscopic practice or potential for significant contributions to the advancement of minimally invasive or endoscopic surgery.*

**Dr. Teitelbaum** is a general surgery resident at Northwestern University in Chicago. Originally from New York City, he completed a B.A. in visual art at the University of Chicago and received his M.D. from the Mount Sinai School of Medicine. Dr. Teitelbaum has been incredibly productive and is spearheading multiple projects in both minimally invasive surgery clinical research and education and simulation research. He already has 6 first author manuscripts, 8 book chapters and 10 podium or invited presentations at regional and national meeting. His work and thesis entitled, "Examining mental practice as a training method for general surgery residents" is being sponsored by a Surgical Education Research Fellowship (SERF), with mentorship through Northwestern University and Imperial College London's Departments of Surgery. Dr. Teitelbaum is also co-investigator in the development of a laparoscopic common bile duct exploration simulator and curriculum, which was awarded the 2012 and 2013 Alvin H. Baum Clinical Simulation Research Grant through the Northwestern Memorial Foundation. This grant is supporting the curriculum development and validation project in training surgical residents to mastery standards for this procedure and is part of his Masters thesis. His current research interests, under the mentorship of Dr. Eric Hungness, include esophageal physiology, minimally invasive surgical approaches to diseases of the esophagogastric junction, and surgical education.

## SAGES Young Researcher Award

Presented by: David Urbach, MD, Research Committee Chair with Representative from Olympus



### Recipient: Michael Awad, 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. Awad** is Associate Dean of Medical Student Education at the Washington University School of Medicine, Program Director in General Surgery, and Director of the Washington University Institute for Surgical Education (an American College of Surgeons Accredited Education Institute). He has been active on a national level in SAGES Resident Education, the Surgical Council on Resident Education, the Association of Surgical Education, and the Association of Program Directors in Surgery. He is one of the most talented young investigators and surgical educators in the U.S. today. His research is primarily focused in two areas: 1) task performance and ergonomic analysis of laparoscopic robotic surgery and 2) novel curriculum development in surgical education both broadly and specifically within the field of minimally invasive surgery. He is currently supported by a number of grants including a SAGES research grant, SAGES Career Development Award, a \$750,000 grant from the U.S. Department of Education for development of a curriculum matrix online medical consortium, and a prestigious Loeb Teaching Fellowship Award at Washington University. As a result, he is uniquely positioned to make major contributions to the field over the next several years, most especially in the area of surgical education and curriculum development.

*SAGES gratefully acknowledges support from Olympus.*



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### SAGES Foundation - Margrét Oddsdóttir Award

Presented by: John Hunter, MD, SAGES Past President & SAGES Foundation Board Member

#### Recipient: Will be announced during the SAGES Education and Research Foundation luncheon

*The Oddsdóttir Traveling Fellowship honors an international leader in laparoscopic surgery and a beloved member of the SAGES family. 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 John Hunter, was the first advanced laparoscopic surgeon in Iceland and was instrumental in developing the field of minimally invasive surgery in the Nordic countries.*

*Margrét attended SAGES every year, accompanied by as many as 3-10 nurses, residents, medical students and colleagues from Reykjavik.*

### SAGES Foundation - Excellence in Medical Leadership Award

Presented by: Bruce Schirmer, MD, SAGES Foundation President & Representatives from Gore



#### Recipient: Dmitry Oleynikov, 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. Oleynikov** is currently serving SAGES as a member of the Board, Bylaws Committee and Committee Chair of the Technology and Value Assessment Committee. When asked about his leadership style, he sees himself as a cross between a democratic leader and a transformational leader; always tried to lead by example but also seek consensus of his team members and often challenge and inspire his colleagues to achieve more than they thought they could. He sees the role of a leader as an individual who creates a vision and then communicates successfully in order to help his team achieve it. In his words: "The tremendous changes in healthcare delivery and economics of medicine are requiring leaders to adapt the culture of education and patient care. I find myself on the front line of these events and want to continue to contribute to both my institution as well as my professional societies. Effective leadership is very much a talent and also an acquired skill. With this award, I seek to gain additional training in healthcare economics and public policy and people management skills. I will use the knowledge gained to improve how I work at the board and committee level at SAGES. We need to be proactive when it comes to our healthcare system and physician leadership, in my opinion, is the only way to maintain our professionalism and excellence in patient care."

Dr. Oleynikov is certified General Surgeon and is the Professor of Surgery and Director for Minimally Invasive and Computer Assisted Surgery at the University of Nebraska Medical Center, School of Medicine. He is a busy Minimally Invasive and Robotic Surgeon as well as Director for the Center for Advanced Surgical Technology. He is widely published with over one hundred reference publications in literature and twenty-four patents awarded and filed. His interests include surgical outcomes research, esophageal disease and novel robotic surgery. His clinical practice is geared toward minimally invasive treatment of foregut diseases, complex hernias and gastrointestinal pathology.

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

### SAGES Foundation - Jeffrey L. Ponsky Master Educator in Endoscopy Award

Presented by: Bruce Schirmer, MD, SAGES Foundation President



#### Recipient: Gary Vitale, MD

**Dr. Vitale** is Professor of Surgery at the University of Louisville and Norton Hospital. After obtaining his B.A. at Harvard University in 1975, Dr. Vitale completed his medical studies at Yale University in 1979. He did his internship and residency at the University of Louisville including a 2-year fellowship in GI/biliary-pancreas surgery in Scotland at the University of Dundee and a 1-year fellowship in Interventional ERCP in Paris, France. He started on the University of Louisville faculty in 1986. He is the Director of the fellowship in Pancreatico-biliary Surgery, Surgical Endoscopy and ERCP, which he established in 1992. He has a busy practice in surgical endoscopy and pancreatic-biliary/complex GI surgery. He is a member of the American College of Surgeons (ACS), American Hepato-Pancreato-Biliary Association (AHPBA), American Society for Gastrointestinal Endoscopy (ASGE), Central Surgical Association (CSA), Society of American Gastrointestinal Endoscopic Surgeons (SAGES), Southeastern Surgical Congress (SESC), Southern Surgical Association (SSA), Society for Surgery of the Alimentary Tract (SSAT), and the Society of University Surgeons (SUS).

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## Arnold P. Gold Foundation – SAGES Award for Clinical Excellence and Humanism in Medicine

Presented by: Richard Levin, MD, President & CEO of The Arnold P. Gold Foundation



### Recipient: Brant Oelschlager, MD

*New this year, SAGES has 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. Oelschlager** is a Professor of Surgery at the University of Washington, Seattle. He is the Byers Endowed Professor in Esophageal Research; Chief, Gastrointestinal Surgery Section; Director of the Center for Esophageal & Gastric Surgery and Director of the Center for Videoendoscopic Surgery. Dr. Oelschlager is an expert in esophageal diseases and surgical

treatments, with an international reputation for his contributions to the research and treatment for GERD, paraesophageal hernia and other esophageal diseases.

Dr. Oelschlager has the busiest practice in GI surgery at University of Washington. In the last decade he has created a huge referral practice and is recognized primarily for his impeccable laparoscopic skills. He is also recognized by the entire GI community for his excellence in management of all problems of the upper GI tract and performs some of the most complex repairs of the hiatus and diaphragm with great skill and excellent outcomes. His clinical results are excellent and he directs a fellowship training program where the research fellows maintain incredibly accurate and large databases so that our knowledge can be shared with others. He is open to criticism, accepts feedback easily and adopts new technology (NOTES, SILS, etc) with incredible ease. Dr. Oelschlager is a team leader of a multi-disciplinary group that prioritizes collaboration and knowledge sharing in both research and clinical care for the benefit of the patient as being the ultimate priority. His leadership style fosters a spirit of collegiality and collaboration with non-surgeons that is essential for the multidisciplinary 'team based' care which is a hallmark of this generation.

Nationally, Dr. Oelschlager is an active member of SAGES and other surgical organizations where he volunteers his time, skill and leadership. Internationally, he has set up a program in Ethiopia where he has created a School of Endoscopic Surgery which requires that once or twice a year he travels there to volunteer his time to teach the local surgeons. Dr. Oelschlager and his wife, Dr. Anne-Marie Ames (an OB/Gyn), participate together very actively in the leadership of "Water First", a non-profit NGO which sets up self-sustaining water delivery systems in underserved areas of the world.

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

## SAGES International Ambassador Award

Presented by: David Rattner, MD, Awards Committee Chair



### Recipient: Geoffrey Kohn, 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.*

**Dr. Kohn** is an Upper Gastrointestinal Surgeon and Director of Gastrointestinal Physiology Laboratory at Melbourne Upper GI Surgical Group and Senior Lecturer at Monash University's Eastern Health Clinic School. He obtained his Australian Board Certification in 2007 and then undertook two clinical fellowships in the United States, first in MIS surgery at the University of North Carolina, and then in Foregut Surgery at the University of Southern California. Dr. Kohn has been a steady member of SAGES since completing two US fellowships. In Australia, he has developed a foregut and bariatric practice while includes gastric bypass, revision of lap bands, esophageal motility, and advanced laparoscopic and open esophageal surgery. Dr. Kohn is a rising star in Australia who makes the long trip to SAGES (and ACS) every year. He is an active member of SAGES Guidelines and Membership Committee and has served as lead author on multiple publications. He is an advocate for SAGES' mission in Australia, bringing back what he learns and challenging paradigms there. He continues to write and research while in private practice. Dr. Kohn's interests include the management of cancer of the esophagus and stomach, the assessment and care of gastro-esophageal reflux disease and of esophageal motility disorders, as well as revisional bariatric surgery.

## SAGES Pioneer in Surgical Endoscopy Award

Presented by: David Rattner, MD, Awards Committee Chair



### Recipient: David Utley, MD

*This award is designated for a person in industry or a physician/surgeon. It 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.*

**Dr. Utley** is currently the chief medical officer for Covidien, GI Solutions (formerly BARRX Medical, Inc.) in Sunnyvale, California, a medical device company that develops endoscopic systems for treating diseases of the gastrointestinal tract, including Barrett's esophagus and squamous neoplasia of the esophagus.

Dr. Utley graduated from Harvard Medical School and completed his surgical training in otolaryngology-head and neck surgery as well as facial plastic and reconstructive surgery at Stanford University Medical Center, where he was subsequently appointed to the faculty as clinical assistant professor of surgery. He has 25+ peer-reviewed publications related to GI, plastic and reconstructive surgery, and otolaryngology. Dr. Utley has had a role as founder, chief medical officer, or member of the board of directors with several start-up medical device companies, including: Somnus Medical Technologies (ENT), Curon Medical (GI), Aetherworks (pulmonary), BAROnova (GI), Freedom-2 (plastics), and CoAlign Innovations (spine), and is the inventor on 65+ issued U.S. patents and 100+ published U.S. patents.



SAGES 2014

Scientific Session & Postgraduate Courses

Wednesday, April 2, 2014

### SAGES Distinguished Service Award

Presented by: Gerald Fried, MD, SAGES President



#### Recipient: Steven Wexner, 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. Wexner** was President of SAGES 2006-2007, President of the American Society of Colon and Rectal Surgeons 2011-2012, President of the American Board of Colon and Rectal Surgery 2010-2012, and is a Regent of the American College of Surgeons. He has been a major advocate for surgical endoscopy and has greatly advanced the application of MIS techniques in colorectal surgery. He is an outstanding clinician, a master educator and a clinician scientist. As president of SAGES he led an excellent strategic planning retreat in Florida that has directed SAGES and our committee work by focusing

on our organizational objectives. His leadership in negotiating with Springer has brought exceptional financial benefit to SAGES. Dr. Wexner has been a leading figure in GI surgery and a wonderful ambassador for SAGES around the world.

Dr. Wexner is the Director of the Digestive Disease Center and has been on Staff at Cleveland Clinic Florida since 1988. He has been the Chairman of the Department of Colorectal Surgery since 1993. He holds academic appointments as Affiliate Professor at Florida Atlantic University; Clinical Professor at Florida International University; Affiliate Professor of Surgery at the University of South Florida, Tampa, Florida; Professor of Surgery at the Ohio State University; Affiliate Professor of Surgery at the University of Miami Miller School of Medicine; Professor of Surgery, University of Siena, Siena, Italy; Visiting Professor, Faculty of Medicine, The Hebrew University of Jerusalem, Hadassah Medical Organization, Jerusalem, Israel; and Visiting Professor at the University of Belgrade in Serbia.

In 1999, he was awarded an FRCS from the Royal College of Surgeons in Edinburgh, Scotland and in 2000 he was awarded an FRCS ad eundem from the Royal College of Surgeons in England; and in 2008 by unanimous election of Council of the Royal College of Surgeons of England, the highest distinction conferred by the Council. In 2013, Dr. Wexner was awarded an honorary foreign membership in the Argentina Society of Coloproctology. In 2012, Dr. Wexner was awarded the degree of PhD honoris causa by the University of Belgrade. In 2003, The American Jewish Committee presented Dr. Wexner with the prestigious Maimonides Award. In 2013, he was awarded Professor Emeritus of I.M. Sechenov First Moscow State Medical University. He has authored over 500 peer reviewed manuscripts, over 200 textbook chapters, over 25 books and delivered over 1100 scientific lectures. Dr. Wexner has also been granted six patents and is a consultant for a variety of commercial entities. He was the first surgeon in North America to popularize the colonic J-pouch for rectal cancer. Due to the study in which he participated and published, that procedure is now an acceptable standard of care for patients with rectal carcinoma. The same is true with his innovations for fecal incontinence and research of laparoscopy for colon and rectal cancer.

### SAGES George Berci Lifetime Achievement Award

Presented by: Gerald Fried, MD, SAGES President



#### Recipient: Tehemton Udwadia, MD

*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.*

**Dr. Udwadia** retired as Emeritus Professor of Surgery Grant Medical College & J.J. Hospital in Mumbai, India in 1994. He first started Laparoscopy in India in 1972 and MAS in the Developing World in 1990. Convinced that the benefits of MAS reach all people in all places has conducted training workshops all over India and other developing countries like Nepal, Bangladesh, Myanmar, China, Mexico, Brazil and Nigeria. He transitioned to therapeutic laparoscopy with laparoscopic

cholecystectomy in 1992 and was the pioneer in this procedure in India. His ability to share his expertise is worth noting, he thought all the "teachers" in India this technique. Dr. Udwadia is the co-founder and first president of the Indian Association of Gastrointestinal Endo-Surgeons (IAGES). He was a former president of IFSES, continuing his role as mentor and teacher to surgeons around the world, but especially for third world countries.

Dr. Udwadia has been conferred many honorary memberships in national and international societies (at last count more than 20). His original training was at the University of Bombay with postgraduate degrees from the Royal College of Surgeons of England and Edinburgh. Even though now retired, he continues to maintain a strong presence in our sphere (very George Berci like). He devoted his life to the teaching of laparoscopic surgery to others, and has followed the Berci tradition to its utmost.



Wednesday, April 2, 2014

1:30 PM - 5:30 PM

\*Separate Fee Applies



## SAGES/ASMBS Hands-On Course: Endoscopic Management of Bariatric Complications

ROOM 155

Session Chair: Dean J. Mikami, MD; Session Co-Chair: Eric Mark Pauli, MD

### SESSION DESCRIPTION:

The hands on portion of the endolumenal management of bariatric complications post graduate course will focus on the technical aspects of advanced endoscopy which will include endolumenal stenting, endolumenal suturing, balloon dilatation, endoscopic clipping and confocal microscopy.

### SESSION OBJECTIVES

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

- Identify when advanced endoscopic techniques could be used to help diagnose or treat a bariatric complication (Endolumenal suturing, stenting, balloon dilatation, endoscopic clipping, confocal microscopy)



### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	Lab Overview and Endoscopic Instruments, Part 1	Dean Mikami, MD
1:40PM	Overview of Endoscopic Instruments, Part 2	Eric Pauli, MD

**Lab Faculty:** Stacy Brethauer, MD; Diego Camacho, MD; Bipan Chand, MD; Sebastian Demyttenaere, MD; Luke Funk, MD; Manoel Galvao Neto, MD; Aliyah Kanji, MD; John Linn, MD; Kenric Murayama, MD; Sabrena Noria, MD, PhD; Pratibha Vemulapalli, MD; Eric Volckmann, MD

*SAGES acknowledges an educational grant in support of this course from Apollo EndoSurgery.*

*SAGES acknowledges contributions in-kind in support of this course from Apollo EndoSurgery, Boston Scientific, Erbe, Karl Storz Endoscopy, Mederi Therapeutics, Olympus and Ovesco.*

### LEARNING THEMES

- B** Bariatrics
- FE** Flex Endo

SAGES 2014  
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Wednesday, April 2, 2014

1:30 PM - 3:30 PM

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

## Getting Your Video Accepted Panel

**BALLROOM E-H**

Session Chair: Jon C. Gould, MD; Session Co-Chair: Sharona B. Ross, MD

### SESSION DESCRIPTION

Advances in video technology have contributed to widespread availability of systems capable of capturing high definition video during laparoscopic surgical procedures with the touch of a button. As a result interesting, unique, and novel procedures are often recorded. Surgeons, fellows, and residents with limited prior video editing experience can produce high quality learning resources with minimal cost using many readily available video editing software programs.

### SESSION OBJECTIVES

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

- Differentiate between good and bad surgical videos
- Produce concise, high quality educational videos of laparoscopic and robotic procedures
- Describe the surgical video review process
- Create surgical videos that reviewers will rate highly and select for presentation at national meetings
- Discuss the legal requirements of recording procedures and possible HIPAA violations associated with sharing these videos

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	Introduction and Background	Jon Gould, MD Sharona Ross, MD
1:35PM	Technical Aspects of Making a Good Surgical Video	Daniel Herron, MD
1:50PM	The Video Review Process and Tips to Get Your Video Accepted	Leena Khaitan, MD
2:10PM	SAGESTV – Good and Bad Videos	Jon Gould, MD
2:30PM	Surgical Videos for Use in Social Media, Presentations, Education, and Research	Andrew Wright, MD
2:50PM	Legal Aspects and HIPAA Requirements When Recording Surgical Procedures	Steven Schweitzberg, MD
3:10PM	Panel Discussion	

### LEARNING THEMES

- AE** Academic/Educational
- PE** Professional/Economic

## FES & FLS Testing

Wednesday, April 2 - Friday, April 4, 2014

For more details or to schedule your test:

Fundamentals of Endoscopic Surgery™ – [fes@sages.org](mailto:fes@sages.org)

Fundamentals of Laparoscopic Surgery™ – [fls@sages.org](mailto:fls@sages.org)

Wednesday, April 2, 2014

1:30 PM - 3:30 PM

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



## Per Oral Endoscopic Myotomy (POEM) Panel

EXHIBIT HALL D

Session Chair: Kevin M. Reavis, MD; Session Co-Chair: Haruhiro Inoue, MD

### SESSION DESCRIPTION

This session will focus on the evolution of Per Oral Endoscopic Myotomy for the treatment of achalasia and its current trajectory in the development of related per oral submucosal treatments for diseases of the foregut. Surgeons, gastroenterologists and related professionals with an interest in endoscopic treatments of esophagogastric disease are encouraged to attend.

### SESSION OBJECTIVES

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

- Distinguish the appropriate setting for POEM compared with traditional treatments for Achalasia and related esophagogastric diseases
- Formulate the potential roles for per oral treatments of neoplastic, distal motility based illnesses as well as intraabdominal processes
- Recognize safety concerns associated with per oral submucosal approaches to esophagogastric diseases including spatial relationship and potential injury to neighboring viscera

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	POEM: 2008-2014 (Myotomy to tumor enucleation)	Haruhiro Inoue, MD
1:45PM	Technical Modifications/ Endpoints of Dissection	David Earle, MD
2:00PM	Pitfalls including Difficult Closures	Kevin Reavis, MD
2:15PM	Outcomes, Learning Curve & Credentialing	Santiago Horgan, MD
2:30PM	Education of Patients/ Physicians about POEM	Homero Rivas, MD
2:45PM	Point: Traditional Treatments are the Rule	Steven DeMeester, MD
2:55PM	Counterpoint: POEM is Here to Stay	Christy Dunst, MD
3:05PM	Final Point/Counterpoint	Dr. DeMeester & Dr. Dunst
3:10PM	What's Next: Peroral Pyloroplasty and beyond	Jeffrey Ponsky, MD
3:20PM	Open panel/ Q&A	All Faculty

### LEARNING THEMES

- FE** Flex Endo
- FOR** Foregut
- NS** New technologies/Skill acquisition

SAGES 2014  
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SAGES 2014

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Wednesday, April 2, 2014

1:30 PM - 3:30 PM

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



## Reoperative Pelvic Surgery, Benign and Malignant Panel – What is the Big Deal?

BALLROOM J

Session Chair: Alessandro Fichera, MD; Session Co-Chair: Sharon L. Stein, MD

### SESSION DESCRIPTION




The session will explore the issues that surgeons face when tackling problems of re-operative pelvic surgery. Any surgeon addressing re-operative pelvic surgery from a general surgeon to colorectal surgeon to pediatric surgeon will benefit from the expertise and knowledge shared in the session. Both benign and malignant colorectal disease will be addressed in the session by leading experts in the field.

### SESSION OBJECTIVES

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

- Create a preoperative plan for re-operative pelvic surgery
- Appropriately employ the assistance of multidisciplinary team for re-operative pelvic surgery
- Diagram alternative planes for dissection in the pelvis
- Predict risks for re-operative complications, injuries and demonstrate ability to treat complications
- Identify issues in re-operative congenital surgery

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	Introduction: Reoperative Pelvic Surgery - What Is the Big Deal?	Alessandro Fichera, MD
1:35PM	 Preoperative Planning: Patient selection and Exclusion "When to say No", Pre-op Imaging and Multidisciplinary Teams, IORT and Flaps – Getting Set for Success	Y. Nancy You, MD
1:50PM	Anatomy of the Pelvis: We Are Not in the Mesorectal Plane Anymore	Herman Kessler, MD
2:05PM	 Re-operative Rectal Cancer: Tips and Pearls	John Marks, MD
2:20PM	 Re-operative Ileal-Pouch Anal Anastomosis: Tips and Pearls	Steven Wexner, MD
2:35PM	GI/GU Fistulae after Prostate Surgery. A Multidisciplinary Approach	Mukta Krane, MD
2:50PM	Surgical Management of Recurrent Rectal Prolapse	Tracy Hull, MD
3:05PM	Case Scenarios	Stein/Fichera/Panel

### LEARNING THEME

 Colorectal

3:30 PM - 5:30 PM

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



Wednesday, April 2, 2014



SAGES 2014

Scientific Session & Postgraduate Courses



## FUSE, Fire and Fiasco – OR Safety 101

EXHIBIT HALL D

Session Chair: Pascal R. Fuchshuber, MD; Session Co-Chair: Anne O. Lidor, MD & Daniel B. Jones, MD

### SESSION DESCRIPTION

This session will review the current concepts of patient and operator safety in the operating room. The content reviews the current fundamentals of OR patient safety, proper use of surgical energy devices and prevention of OR fires. The intended audience is Nurses, Medical Students, Surgery Residents and Staff surgeons. This session is designed to serve as a blueprint for a SAGES enduring video product that can be used at Grand Rounds or other educational venues.

### SESSION OBJECTIVES

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

- Implement strategies to reduce risk to patients and operators in the OR
- Improve communication within the operating room team
- Improve the performance of the operating room team
- Apply techniques to avoid injuries and fires caused by improper use of surgical energy devices

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
<b>Part 1 - OR Patient Safety</b>		
3:30PM	<b>The Culture of Safety in the OR - Behavior, Systems and Standardization</b>	Martin Makary, MD
3:45PM	<b>The "C-Stat" Program – Best Response to OR Emergencies</b>	David Earle, MD
4:00PM	<b>OR Team Training with Simulation</b>	John Paige, MD
4:15PM	<b>Q+A Panel</b>	
<b>Part 2 - Fundamental Use of Surgical Energy™ (FUSE) and OR Fires:</b>		
4:30PM	<b>A Primer in Surgical Energy</b>	Malcom Munro, MD
4:50PM	<b>The SAGES Fundamental Use of Surgical Energy™ (FUSE) Program</b>	Amin Madani, MD
5:05PM	<b>Fire in the OR – Cause and Prevention</b>	Pascal Fuchshuber, MD
5:15PM	<b>Q+A Panel</b>	

### LEARNING THEMES

- AE** Academic/Educational
- NS** New technologies/Skill acquisition
- PE** Professional/Economic



SAGES 2014

Scientific Session & Postgraduate Courses

Wednesday, April 2, 2014

3:30 PM - 5:30 PM

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

## Product Development Panel – Innovations for Patients Benefits

**BALLROOM E-H**

Session Chair: Raymond P. Onders, MD; Session Co-Chair: David W. Rattner, MD

### SESSION DESCRIPTION

Surgeons historically have always been innovators developing techniques and devices to optimize patient care. This session will outline many of the steps in product development from fostering the climate of innovation to the end results of human use.

### SESSION OBJECTIVES

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

- Understand what constitutes intellectual property and how to protect it
- Learn the role of the FDA in evaluating new devices, from 510k to first in human IDE exemptions
- Develop a knowledge how to use animal facilities in product development to improve patient safety
- Understand the role of CMS in funding product development

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
3:30PM	Introduction	Raymond Onders MD
3:40PM	Developing a Climate of Innovation: Guiding Junior Faculty and Focusing Their Research	David Rattner, MD
3:55PM	You Have a Thought for a Device: How to Protect It and When Do You Need an IP Lawyer and How to Work with Your Employer Either Hospital or University	Lee Swannstrom, MD
4:10PM	Working with the FDA: IDE Regulations Including New Draft Guidance in First in Human Studies	Herbert Lerner, MD
4:25PM	Product Development and Appropriate Use of Animal Laboratories – The Rules and Regulations. What Are the Goals and How to Meet Those Goals?	Steve Schomisch, PhD
4:40PM	Funding for Your Device Trial: Corporate, Government or Personal?	Dmitry Oleynikov, MD
4:55PM	Understanding the Role of CMS in Funding IDE Product Trials: The Timeline of Regulatory Studies – IRB, FDA and Now the CMS?	Paresh Shah, MD
5:10PM	Panel Discussion & Questions	

### LEARNING THEMES

- AE** Academic/Educational
- NS** New technologies/Skill acquisition
- PE** Professional/Economic

Wednesday, April 2, 2014

3:30 PM - 5:30 PM

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



## Updates in Benign CRS Panel

BALLROOM J

Session Chair: Mark H. Whiteford, MD; Session Co-Chair: Conor Delaney, MD, PhD

### SESSION DESCRIPTION

This session focus on a wide array of advanced techniques and concepts involved in advanced laparoscopic surgery for benign colon and rectal disease. Experts will discuss topics spanning education, minimally invasive surgical techniques including robotics and single port, and management of the most feared complication, anastomotic leaks. The target audience for this session includes General Surgery and Colorectal surgeons and residents.

### SESSION OBJECTIVES

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

- Identify ways to introduce robotic surgery and single port surgery into your clinical practice in a safe and efficient manner
- Identify the signs of an anastomotic leak, utilize appropriate diagnostic modalities to establish the diagnosis, and manage the leak in a safe and efficient manner
- Distinguish between complicated and uncomplicated diverticulitis and identify patients in whom surgery might safely be deferred
- Develop a basic curriculum for teaching residents laparoscopic surgery
- Prioritize extraction site choices for laparoscopic colorectal surgery
- Identify patients who might be appropriate for one or two stage restorative proctocolectomies for ulcerative colitis

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
3:30PM	Robotic Colorectal Surgery – Keeping it Safe and Efficient	John Marks, MD
3:42PM	Single Port Colectomy – Maintaining Quality, Teaching and Outcomes?	Jamie Murphy, MD
3:54PM	Dealing With Anastomotic Leak	C. Neal Ellis, MD
4:06PM	Strategies for Teaching Residents When Doing Laparoscopic Colectomy	Bradley Champagne, MD
4:19PM	Diverticulitis – How and When to Operate	Eric Weiss, MD
4:33PM	What Are the Implications of Different Extraction Sites?	Michael McGee, MD
4:47PM	Ulcerative Colitis – Surgery in One or More Stages?	Daniel Geisler, MD
5:00PM	Panel Discussion	Mark Whiteford, MD Conor Delaney, MD, PhD

### LEARNING THEMES

- C** Colorectal
- AE** Academic/Educational
- NS** New technologies/Skill acquisition

5:30 PM - 7:30 PM

## Welcome Reception in Exhibit Hall

EXHIBIT HALL A-C

*Free to All Paid Registrants and Guests!*

SAGES 2014  
Scientific Session & Postgraduate Courses

# THE FUTURE OF TRANSANAL SURGERY: TAMIS AND BEYOND

Clinical Symposium & Hands-On Workshop

## Moderator:

Patricia Sylla, MD, FACS, FASCRS

## Speakers:

Matthew Albert, MD, FACS, FASCRS

Antonio Lacy, MD, PhD

John H. Marks, MD, FACS, FASCRS

A global panel of experts will present videos and discuss recent breakthroughs in minimally invasive transanal surgery. Following the panel presentation, faculty will assist attendees in a hands-on TAMIS workshop.

April 3rd, 5:30 – 7:30pm Ballroom I

Sponsored by:

**Applied**  
Medical



The symposium content and views expressed therein are those of the speakers and not of the sponsor or the Society of American Gastrointestinal and Endoscopic Surgeons.



Scan the QR code or visit us at  
[www.gelpointpath.com/TAMIS](http://www.gelpointpath.com/TAMIS)  
to learn more or register for a TAMIS workshop



Thursday, April 3, 2014



**SAGES 2014**  
Scientific Session & Postgraduate Courses

Time	Program	Location
7:30 AM - 5:00 PM	<b>Military Surgical Symposium</b>	Ballroom I
7:30 AM - 11:00 AM	<b>Half-Day Postgraduate Course: Common Bile Duct (CBD) Stones</b>	Ballroom J
7:30 AM - 11:00 AM	<b>Half-Day Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success</b>	Ballroom E-H
7:30 AM - 11:15 AM	<b>Panel: Hepato-Pancreato-Biliary</b>	Exhibit Hall D
7:30 AM - 11:00 AM	<b>Symposium: NOSCARTM Symposium – Advances in Natural Orifice Surgery</b>	Ballroom A-D
9:30 AM - 4:00 PM	<b>Exhibits, Poster Session, Learning Center Open</b>	Exhibit Hall A-C
9:30 AM - 10:00 AM	<b>Break – Exhibit Hall, Posters, Learning Center</b>	Exhibit Hall A-C
11:15 AM - 12:00 PM	<b>Keynote: Karl Storz Lecture – David Williams, MD “From Checklists to Culture What Spacewalking Brings to Surgery”</b>	Exhibit Hall D
12:00 PM - 1:00 PM	<b>Educator’s Luncheon “Optimizing Simulation and Technology in Graduate Surgical Education: State of the Art 2014”</b>	Room 250
1:00 PM - 3:00 PM	<b>Concurrent Session SS1 MIS/Solid Organ</b>	Ballroom J
1:00 PM - 5:00 PM	<b>Half-Day Postgraduate Video-based Course: Ventral Hernia Repair – Technical Considerations in Challenging Scenarios</b>	Ballroom E-H
1:00 PM - 5:00 PM	<b>Half-Day Hands-On Course: CBD Stones</b>	Room 155
1:00 PM - 5:00 PM	<b>Didactic and Hands-On Course: Flexible Endoscopy – Train the Trainers</b>	Room 155
1:00 PM - 5:00 PM	<b>Symposium: Ethics of Innovation</b>	Ballroom A-D
1:00 PM - 3:00 PM	<b>Panel: SAGES/KSELS- Gastric Cancer</b>	Exhibit Hall D
3:00 PM - 3:30 PM	<b>Break – Exhibit Hall, Posters, Learning Center</b>	Exhibit Hall A-C
3:30 PM - 5:00 PM	<b>Concurrent Session SS2 Video 1</b>	Ballroom J
3:30 PM - 5:00 PM	<b>Panel: Current Management of Rectal Cancer</b>	Exhibit Hall D
<b>Industry Education Evening Events (not accredited for CME):</b>		
5:30 PM - 7:30 PM	<b>“The Future of Transanal Surgery: TAMIS and Beyond” Presented by Applied Medical</b>	Ballroom I
5:30 PM - 7:30 PM	<b>“From Permanent to Biologics to the Resorbable PHASIX Mesh: Right Procedure, Right Product, Right Outcome” Presented by Davol Inc., a BARD Company</b>	Room 150 D-F
5:30 PM - 7:30 PM	<b>“da Vinci Surgery Symposium” Presented by Intuitive Surgical</b>	Ballroom A-D
5:30 PM - 7:30 PM	<b>“Advanced Imaging and Energy Technologies in Laparoscopy” Presented by Olympus America, Inc.</b>	Ballroom E-H



**SAGES 2014**

Scientific Session & Postgraduate Courses

Thursday, April 3, 2014

## SAGES 2014 Webcast Live from Salt Lake City!

To view the webcast, please visit us at [sages.orldive.com](http://sages.orldive.com)

Thursday, April 3, 2014		
Time	Session	Faculty
7:30AM - 11:15AM	 Hepato-Pancreato-Biliary Panel	Chair: Horacio J. Asbun, MD Co-Chair: Rohan Jeyarajah, MD
11:15AM - 12:00PM	Karl Storz Lecture – “From Checklists to Culture What Spacewalking Brings to Surgery”	Dafydd (Dave) Rhys Williams, MD
1:00PM - 3:00PM	SAGES/KSELS Panel: Gastric Cancer	Chair: Ho-Seong Han, MD Co-Chair: Jose M. Martinez, MD
3:30PM - 5:00PM	Current Management of Rectal Cancer Panel	Chair: David Etzioni, MD Co-Chair: George J. Chang, MD
Friday, April 4, 2014		
7:30AM - 8:30AM	SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up with our Japanese colleagues?	Chair: Manabu Yamamoto, MD, PhD Co-Chair: Lee L. Swannstrom, MD
8:30AM - 10:00AM	Plenary Session 1	L. Michael Brunt, MD/Mario Morino, MD
10:00AM - 10:45AM	Presidential Address – “Connecting in the Digital Age”	Gerald Fried, MD
10:45AM - 11:30 AM	 Gerald Marks Lecture – “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”	Amitai Ziv, MD
11:30AM - 12:30PM	Scientific Session – Metabolic/Obesity 1	Leena Khaitan, MD/Raul Rosenthal, MD
1:30PM - 3:15PM	SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America	Chair: Alonso Alvarado, MD Co-Chair: Eduardo Moreno-Paquentin, MD
3:45PM - 5:30PM	SAGES/EAES Panel: Benign Foregut- Opinions and Evidence in the Management of Benign Esophageal Disorders	Chair: Marco G. Patti, MD Co-Chair: Eduardo Targarona, MD

SAGES gratefully acknowledges the following companies for their unrestricted support towards the SAGES International Proctoring Courses (IPC), a SAGES Global Affairs Initiative:

### SAGES Research & Education Foundation

SAGES gratefully acknowledges the following companies and individuals for their unrestricted contribution in kind:

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## THE 2014 MEETING APP





**Enhanced Features Include:**

- » Personalized schedules
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Android



iOS

Thursday, April 3, 2014

7:30 AM - 11:15 AM and 1:00 PM - 5:00 PM

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



## Military Surgical Symposium

BALLROOM I

**Note:** This is not an official Department of Defense event.

**Session Chair:** LTC(P) Robert B. Lim, MD; **Session Co-Chairs:** COL Robert M. Rush, MD & LTC Yong U. Choi, MD

### SESSION DESCRIPTION

Many surgical lessons are learned from war. The symposium will emphasize the academic work of military physicians as it relates to general surgery with emphasis on combat medicine, trauma care, and surgical technological advancement. We will discuss military specific issues as it pertains to the practice of surgery, from the biochemical to subspecialty aspects, in the combat and austere environment. We will also highlight the academic work that would be considered for incorporation into military doctrine for battlefield preparation. The specific topics will be determined by the session chairs after an abstract call.

### SESSION OBJECTIVES

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

- Identify and address the specific care issues related to combat and austere environment surgical care
- Plan incorporation of surgical advancement onto the battlefield and into garrison practice
- Identify the differences of combat surgery versus trauma surgery in the civilian sector
- Discuss the latest scientific data that could be considered for military doctrine
- Communicate with the senior leaders of each service and senior leadership of SAGES for academic and research endeavors

### SESSION OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	<b>Basic Science Session Podium Presentations</b>	LTC Ronald Gagliano, MD LCDR Tamara Worlton, MD
9:30AM	<b>Break – Exhibit Hall, Posters, Learning Center</b>	
10:00AM	<b>Podium Presentations (continues)</b>	
10:30AM	<b>Memorial for Lt Gen Paul W. Myers and Intro of Basic Science Lecturer</b>	COL Thomas Erchinger, MD
10:45AM	<b>Paul W. Myers Basic Science Lecture</b>	COL (Ret) Walter Pories, MD
11:15AM	<b>SAGES Keynote Session &amp; Lunch Break</b>	
1:00PM	<b>General Surgery Session Podium Presentations</b>	COL Craig Shriver, MD LTC Richard Smith, MD LTC Scott Steele, MD
3:00PM	<b>Break – Exhibit Hall, Posters, Learning Center</b>	
3:30PM	<b>Podium Presentations (continues)</b>	
4:30PM	<b>Jeffrey Kavolius General Surgery Lecture</b>	Santiago Horgan, MD

### LEARNING THEMES

- B** Bariatrics
- AE** Academic/Educational
- PE** Professional/Economic

### BASIC SCIENCE PRESENTATIONS:

**0735 IS A HAND HELD NON-INVASIVE SPOT CHECK HEMOGLOBIN MONITORING DEVICE ACCURATE IN SURGICAL PATIENTS AN AUSTERE ENVIRONMENT AND INPATIENT CARE SETTING?** CPT (P) Mia DeBarros, MD; CPT Robert Shawhan; CPT Jason Bingham, MD; COL Matthew Martin, MD, Madigan Army Medical Center

**0750 RELIABILITY OF CONTINUOUS NON-INVASIVE ASSESSMENT OF HEMOGLOBIN AND FLUID RESPONSIVENESS: IMPACT OF OBESITY AND ABDOMINAL INSUFFLATION PRESSURES.** CPT (P) Mia DeBarros, MD; MAJ Marlin W. Causey, MD; CPT Patrick Chesley, MD; COL Matthew Martin, MD Madigan Army Medical Center

**0805 HYDROGEN SULFIDE AS A PHARMACOLOGIC ADJUNCT TO RESUSCITATION IN A PORCINE MODEL OF SEVERE HEMORRHAGE AND ISCHEMIA- REPERFUSION INJURY.** MAJ Steven A. Satterly, MD; Shashikumar Salgar, PhD; Zachary Hoffer, MD, PhD; Mary J. DeHart, BS; Mark Wingerd, PhD; Huang, Raywin, PhD; MAJ Jonathan Stallings, PhD; COL Matthew Martin, MD, Madigan Army Medical Center

**0820 THE ACUTE COAGULOPATHY OF TRAUMA IN A PORCINE HEMORRHAGE ISCHEMIA REPERFUSION MODEL.** Quinton Hatch, MD; Mia Debarros, MD; Matthew Eckert, MD; Matthew Martin, MD, Madigan Army Medical Center

**0835 ACUTE MINERALOCORTICOID DEFICIENCY IN A SWINE MODEL OF TRAUMATIC HEMORRHAGE WITH SHOCK.** Daniel Nelson, DO; Christopher Porta, MD; Derek McVay, DO; Matthew Martin, MD, Madigan Army Medical Center

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**0850 GLUCOSE VARIABILITY AFTER SUBCUTANEOUS LISPRO AND REGULAR INSULIN FOR STRESS**

**HYPERGLYCEMIA.** COL Richard J. Strilka; Lt Col Scott B. Armen; Matthew Indeck, Department of Trauma and Acute Care Surgery, Pennsylvania State Hershey Medical Center, Hershey, PA

**0905 ROLE OF MICRORNAS AND NEUROINFLAMMATION IN THE PATHOBIOLOGY OF GULF WAR ILLNESS.** CPT

Margaret E. Clark, MD; Wendy E. Kurata; Karen W. Lee; Lisa M. Pierce, DSc, Tripler Army Medical Center

**0920 A COMPARISON OF THE EFFECTS OF BACTERIAL COLONIZATION ON BIOLOGIC AND SYNTHETIC MESH**

**MATERIALS IN A RAT MODEL.** CPT Will C. Cole, MD; CPT Eric M. Balent, MD; CPT Pamela C. Masella, DO; Lauren N. Kajiura, MS; Karen W. Matsumoto, BS; Lisa M. Pierce, DSc, Tripler Army Medical Center

**1000 PRELIMINARY RESULTS FOR THE PHASE 1 TRIAL OF A FOLATE RECEPTOR ALPHA (FRA) ADJUVANT CANCER VACCINE IN OVARIAN AND ENDOMETRIAL CANCER PATIENTS.** CPT Guice, Jordan; MAJ John S. Berry IV; CPT Erika J. Schneble, MD; CPT Alfred F. Trappey, MD; CPT Timothy Vreeland, MD; CPT Diane F. Hale, MD; CPT Alan K. Sears, MD; MAJ Guy T. Clifton, MD; Sathibalan Ponniah, PhD; Elizabeth A. Mittendorf, MD, PhD; and COL George E. Peoples, MD, San Antonio Military Medical Center

**1015 P67, USE OF AN ATTENUATED VERSION OF A STRONGLY IMMUNOGENIC, PEPTIDE-BASED VACCINE TO ENHANCE AN ANTI-CANCER IMMUNE RESPONSE AGAINST FOLATE RECEPTOR ALPHA.** CPT Pattyn AP; CPT Schneble E; MAJ Berry JS; CPT Vreeland TJ; CPT Trappey AF; CPT Hale DF; CPT Clifton GT; CPT Sears AK; CPT Shumway NM; CPT Holmes JP; CPT Ponniah S; CPT Mittendorf EA; CPT Ioannides CG; COL Peoples GE. San Antonio Military Medical Center

**GENERAL SURGERY PRESENTATIONS:**

**1300 PROGNOSTIC FACTORS PREDICT THE TIMING OF DISTANT RECURRENCES OF BREAST CANCER.** LT Michele M. Gage, MD, General Surgery, Walter Reed National Military Medical Center (WRNMMC); Martin Rosman, MD, The Breast Center at Anne Arundel Medical Center (AAMC); Charles Mylander, PhD, The Breast Center at AAMC; Kristen Sawyer, The Breast Center at AAMC; Erica Giblin MD, The Breast Center at AAMC; Lorraine Tafra, MD, The Breast Center at AAMC

**1315 THE IMPACT OF PRETREATMENT MAGNETIC RESONANCE IMAGING ON SURGICAL PLANNING AND OUTCOME IN NEWLY DIAGNOSED BREAST CANCER PATIENTS.** CPT Erika J. Schneble; MAJ Kevin S. Clive; MAJ John C. Berry; MAJ Joshua A. Tyler; MAJ Linda C. Benavides; COL Joseph B. Sutcliffe; MAJ Aaron D. Kirkpatrick; LTC Kevin P. Banks; COL George E. Peoples. General Surgery, San Antonio Military Medical Center Radiology, San Antonio Military Medical Center

**1330 THE CLINICAL VALUE OF THE 21-GENE RECURRENCE SCORE (RS) ASSAY FOR HIGH GRADE TUMORS IS QUESTIONABLE.** LT Michele M. Gage, MD, General Surgery, Walter Reed National Military Medical Center (WRNMMC); Martin Rosman, MD, The Breast Center at Anne Arundel Medical Center (AAMC); Charles Mylander, PhD, The Breast Center at AAMC; Erica Giblin, MD, The Breast Center at AAMC; Lorraine Tafra, MD, The Breast Center at AAMC

**1345 REPEAT THYROID FINE-NEEDLE ASPIRATION IN NODULES PREVIOUSLY FOUND TO HAVE A BENIGN CYTOLOGY: SELECTION IS KEY.** LT Michele M. Gage, MD, General Surgery, Walter Reed National Military Medical Center (WRNMMC); CPT Becky Thai Muldoon, MD, Endocrinology, WRNMMC; COL Henry B. Burch, MD, Endocrinology, WRNMMC; COL Alexander Stojadinovic, MD, General Surgery, WRNMMC

**1400 ROBOTIC-ASSISTED SLEEVE GASTRECTOMY FOR MORBID OBESITY: INITIAL EXPERIENCE IN A MILITARY INSTITUTION.** LCDR Brenda J. Schmidt, General Surgery, Naval Medical Center San Diego; LT Victoria S. McDonald, General Surgery, Naval Medical Center San Diego; CDR Gordon G. Wisbach, General Surgery, Naval Medical Center San Diego

**1415 THE DEVELOPMENT OF SIMULATED COLONOSCOPY OBJECTIVE PERFORMANCE EVALUATION (S.C.O.P.E.): IDENTIFICATION OF KEY METRICS FOR OBJECTIVE ASSESSMENT USING A NON-COMPUTER BASED, LOW COST ENDOSCOPIC TRAINER.** CPT Mary Teresa M. O'Donnell; LCDR Tiffany C. Cox; LT Kristen Trinca; MAJ Chad Cryer; Elliott Silverman, PA-C, MSHS; Jonathan P. Pearl; LtCol E. Matthew Ritter, General Surgery Department, WRNMMC

**1430 INCIDENCE OF MALIGNANCY IN ENDOSCOPICALLY UNRESECTABLE POLYPS REFERRED FOR SURGERY AT WRNMMC.** LT Brendan S. O'Brien, Department of General Surgery, WRNMMC; COL Jeffery M. Nelson, Department of Colon and Rectal Surgery, WRNMMC; CDR James E. Duncan, Department of Colon and Rectal Surgery, WRNMMC; CDR Michael P. McNally, Department of Colon and Rectal Surgery, WRNMMC

**1445 A NATIONWIDE POPULATION-BASED COMPARISON OF OPEN VS. MINIMALLY INVASIVE ABDOMINOPERINEAL RESECTION.** CPT Andrew T. Schluskel; LTC Eric K. Johnson; Justin A. Maykel MD; Brad J. Champagne MD; LTC Scott R. Steele. General Surgery, Tripler Army Medical Center, Honolulu, HI, Colon and Rectal Surgery, Madigan Army Medical Center, Tacoma, WA, Colon and Rectal Surgery, UMass Memorial Medical Center, Worcester, MA, Colon and Rectal Surgery, University Hospitals Case Medical Center, Cleveland, OH

**1530 HEMORRHOID SURGERY AND MEDICAL MALPRACTICE.** CPT Christopher G. Yheulon, General Surgery, TAMC; CPT Steven S. Hong, Otolaryngology, TAMC; LTC Ronald A. Gagliano. General Surgery, Tripler Army Medical Center

**1545 CREDENTIALING SURGICAL CRITICAL CARE ACUTE CARE NURSE PRACTITIONERS IN INVASIVE PROCEDURES UTILIZING PERFUSED (BLEEDING) FRESH TISSUE CADAVERS.** LCDR Matthew D. Tadlock; Stacy Cantwell; Michael Minetti; Fatmata Jalloh; Demetria Skiada; Peep Talving; and Heidi Frankel. Department of Acute Care Surgery & Surgical Critical Care, Los Angeles County + University of Southern California, Department of Surgery, Keck School of Medicine, University of Southern California, Los Angeles, California

**1600 INTEGRATION OF SURGICAL RESIDENCY TRAINING INTO U.S. NAVY HUMANITARIAN MISSIONS.** LCDR Matthew D. Tadlock; LCDR Shane Jensen; CAPT Trent Douglas; CDR Matt Provencher; CAPT Romeo Ignacio MD. Naval Medical Center San Diego (NMCSD)





## Postgraduate Course: Common Bile Duct (CBD) Stones

BALLROOM J

Session Chair: Joseph B. Petelin, MD; Session Co-Chair: Brian J. Dunkin, 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 program will teach surgeons how to provide comprehensive, cost efficient care to patients with suspected CBD Stones. It is the companion program to the CBD Stones hands-on training 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:

- Formulate a plan for the preoperative assessment of patients with suspected CBD Stones
- Describe a step-wise approach to the intra-operative management of CBD Stones with consideration given to local expertise and equipment availability
- Identify scenarios where CBD exploration may be contraindicated due to risk of injury
- Describe approaches to managing CBD Stones in patients with altered anatomy or pregnancy

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	Introduction and Course Overview	Joseph Petelin, MD Brian J. Dunkin, MD
7:35AM	The Likelihood of Predicting the Presence of CBD Stones Pre-op, and the Costs of Managing-or Not-CBD Stones in One Setting	Robert Fanelli, MD
8:00AM	Intra-Operative Imaging of the Biliary System – Cholangiography	Brian J. Dunkin, MD
8:15AM	Intra-Operative Imaging of the Biliary System – Ultrasonography	Maurice Arregui, MD
8:25AM	Total Surgical Management - Instrumentation, Organization, and Set-up for CBD Exploration	Daniel Jones, MD
8:50AM	Transcystic CBD Exploration	Joseph Petelin, MD
9:10AM	Transductal CBD Exploration	Edward Phillips, MD
9:30AM	Break – Exhibit Hall, Posters, Learning Center	
10:00AM	The Role of ERCP in CBD Stones – Pre-op, Intra-op, or Post-op?	Benjamin Poulouse, MD
10:20AM	Managing CBD Stones in Patients with Altered Anatomy and Pregnancy	Nabil Tariq, MD
10:40AM	Putting it all Together – An Algorithm for Treatment	All faculty

### LEARNING THEMES

- NS** New technologies/Skill acquisition
- HPB** HPB/Solid organ

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

**There are more reasons than ever to visit the exhibit hall!**

**In addition to the latest and greatest products and technologies, you will find:**

- **\* SPOTLIGHT ON HERNIA \* Area** – with learning center station, posters and industry products related to hernia repairs all in one spot.
- **Happy (Half) Hour** – join exhibitors for a beer and a snack during before heading back to the sessions! Or, grab a cup of coffee and visit the exhibits during the morning break.
- **Exhibit Hall Oasis/Charging Station** – stop in for a break while charging phones, computers and tablets.
- **Brunch Break** – on Thursday at 9:30am



SAGES 2014

Scientific Session & Postgraduate Courses

Thursday, April 3, 2014

7:30 AM - 11:00 AM

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



## Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success

BALLROOM E-H

Session Chair: Kristi Lee Harold, MD; Session Co-Chair: Yuri Novitsky, MD

\* SPOTLIGHT ON HERNIA \* Activity

### SESSION DESCRIPTION




The reconstruction of abdominal wall defects remains one of the most challenging dilemmas facing surgeons. Although a laparoscopic approach to ventral hernia repairs is quite common, its role in approaching both routine and complex hernias is evolving. A multitude of composite mesh materials have been developed to facilitate laparoscopic ventral hernia repairs. This session will examine state-of-the-art concepts in modern LVHR. Participants will gain an in-depth understanding of the various meshes and their potential advantages and disadvantages. The benefits and limitations of the various laparoscopic techniques will be examined. Modern modifications to traditional laparoscopic ventral hernia repairs, including defect closure, mesh positioning devices, and absorbable fixation will be presented. Finally, various peri-operative strategies to optimize surgical outcomes will be discussed. The participants will be exposed to several interactive panel discussions of challenging and controversial cases.

### SESSION OBJECTIVES

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


- Discuss the various composite meshes available
- Identify benefits and limitations of laparoscopic ventral hernia repairs
- Evaluate the value/advantages of modern modifications and adjuncts to traditional laparoscopic techniques
- Understand nuances of the laparoscopic approaches to challenges of atypical hernias

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	Introduction	Kristi Lee Harold, MD
7:35AM	Composite Meshes: What You Need To Know To Make Educated Choices	William Cobb, MD
7:47AM	 Peri-operative Strategies to Optimize Outcomes: Preventing the Complexity	Clayton Petro, MD
8:00AM	 Patient Selection: When is it Time to Say NO to LVHR?	Michael Rosen, MD
8:12AM	Traditional Lap VHR: Techniques and Tricks	William Hope, MD
8:24AM	LVHR with Defect Closure: The Pros and Cons	Alfredo Carbonell, MD
8:36AM	Evidence-Based Optimal Fixation During LVHR: Sutures, Absorbable Tacks, Glues	Guy Voeller, MD
8:48AM	Evidence-Based Review of Open vs Laparoscopic Approaches to Ventral Hernia Repair	Leandro T. Cavazzola, MD, PhD
9:00AM	Panel Discussion	Moderators: Kristi Harold, MD and Yuri Novitsky, MD
9:30AM	Break – Exhibit Hall, Posters, Learning Center	
9:45AM	LVHR in the New Millennium – Robotics, Single Incision, NOTES: A Critical Appraisal	Ajita Prabhu, MD
9:57AM	Lap Flank Repair: How and Why?	Yuhsin Victoria Wu, MD
10:09AM	Lap Approaches to Subxiphoid/ Morgagni Hernias?	Igor Belyansky, MD
10:21AM	LVHR in a Woman of Childbearing Age: Should We Avoid it?	Heidi Elliott, MD
10:33AM	 Complications of LVHR and Their Practical Solutions	George Denoto, MD
10:45AM	Panel Discussion	Moderators: Kristi Harold, MD and Yuri Novitsky, MD

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

### LEARNING THEMES

-  HR Hernia
-  NS New technologies/Skill acquisition

Thursday, April 3, 2014

7:30 AM - 11:15 AM

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



SAGES 2014

Scientific Session & Postgraduate Courses



## Hepato-Pancreato-Biliary Panel

EXHIBIT HALL D

Session Chair: Horacio J. Asbun, MD; Session Co-Chair: Rohan Jeyarajah, MD

### SESSION DESCRIPTION


This session is dedicated to show difficult surgical steps in minimally invasive hepatobiliary surgery, presented by different experts in the field. Focus will be placed in safety and avoidance of complications.

### SESSION OBJECTIVES

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

- Identify how to safely perform difficult steps of the liver procedures presented
- Assess different approaches to the same critical steps of these surgeries as presented by three different experts in the field
- Better understand the feasibility and learning curve of MIS HPB procedures
- Understand the variation in techniques that are available for MIS liver surgery

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
<b>Minimally Invasive Surgery the Basics and the Advanced : How I Do It - PANCREAS</b>		
7:30AM	<b>Pancreatic Mass Enucleation: Tips and Trick</b>	Paresh Shah, MD Quan-Yang Duh, MD John Martinie, MD
7:45AM	<b>Q&amp;A Panel Discussion</b>	
8:00AM	<b>Division of the Pancreas During Distal and Subtotal Pancreatectomy</b>	R. Matthew Walsh, MD Barry Salky, MD Horacio Asbun, MD
8:15AM	<b>Q&amp;A Panel Discussion</b>	
8:30AM	<b>Uncinate Process Dissection During Laparoscopic Pancreaticoduodenectomy</b>	R. Matthew Walsh, MD Paul Hansen, MD Horacio Asbun, MD
8:45AM	<b>Q&amp;A Panel Discussion</b>	
9:00AM	<b>Laparoscopic Pancreas: How to Get Out of Trouble?</b>	Rohan Jeyarajah, MD Craig P. Fischer, MD
9:15AM	<b>Q&amp;A Panel Discussion</b>	
9:30AM	<b>Break – Exhibit Hall, Posters, Learning Center</b>	
<b>Minimally Invasive Surgery the Basics and the Advanced : How I Do It - LIVER</b>		
9:45AM	<b>Laparoscopic Approach to Liver Cysts</b>	Rohan Jeyarajah, MD Juan Sarmiento, MD
10:00AM	<b>Liver Parenchymal Transection: Cirrhotic and Non-Cirrhotic</b>	Pascal Fuchshuber, MD Thomas Aloia, MD David Iannitti, MD
10:15AM	<b>Right Hepatectomy: Techniques of Dissection of the Hepatic Hilum and Right Hepatic Vein</b>	Ho-Seong Han, MD Horacio Asbun, MD
10:30AM	 <b>Laparoscopic Liver: How Do I Get Out of Trouble?</b>	Woo-Jeong Lee, MD Juan Pekolj, MD
10:45AM	<b>Panel Discussion</b>	Moderator: Rohan Jeyarajah, MD

### LEARNING THEMES

**HPB** HPB/Solid organ



Thursday, April 3, 2014

7:30 AM - 11:00 AM

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

## NOSCAR™ Symposium – Advances in Natural Orifice Surgery

BALLROOM A-D

**Session Chair:** Daniel J. Scott, MD; **Session Co-Chair:** Michael L. Kochman, MD

### SESSION DESCRIPTION

The Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR™) was established by SAGES and ASGE in 2005 to bring together innovators interested in developing natural orifice procedures. The field has continued to evolve, both in terms of NOTES procedures as well as advanced flexible endoscopy tools and techniques. This session highlights many of these cutting edge areas and will be of interest to surgeons, endoscopists, and those interested in innovation regarding natural orifice surgery.

### SESSION OBJECTIVES

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

- Articulate the techniques, potential benefits, and risks of natural orifice procedures, including Transvaginal Cholecystectomy, POEM, Transoral and Transanal procedures
- Demonstrate their understanding of flexible endoscopy approaches for partial and full thickness resections in the GI tract
- Assess the suitability of instrumentation used for both rigid and flexible natural orifice platforms

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
<b>NOSCAR &amp; NOTES: 9 YEARS LATER</b>		
7:30AM	<b>Intro</b>	Daniel Scott, MD
7:35AM	<b>Transvaginal Chole in the U.S. and the World</b>	Kurt Roberts, MD
7:45AM	<b>POEM – What do the data say?</b>	Stavros Stavropoulos, MD
7:55AM	<b>POEM – How the Expert Approaches the Extremes: young, old, and difficult cases</b>	Haruhiro Inoue, MD
8:05AM	<b>Panel Discussion</b>	
<b>TRANSORAL AND TRANSANAL SURGERY</b>		
8:15AM	<b>Intro</b>	Michael Kochman, MD
8:20AM	<b>Transoral Cancer Surgery</b>	Michael Hinni, MD
8:30AM	<b>Transoral GERD Surgery</b>	Toshitaka Hoppo, MD, PhD
8:40AM	<b>Transoral Obesity Surgery</b>	Christopher Thompson, MD
8:50AM	<b>Transanal Proctectomy</b>	Patricia Sylla, MD
9:00AM	<b>Transanal Colectomy</b>	Antonio Lacy, MD
9:10AM	<b>Panel Discussion</b>	
9:30AM	<b>Break – Exhibit Hall, Posters, Learning Center</b>	
<b>FLEXIBLE RESECTIONS</b>		
10:00AM	<b>Intro</b>	Daniel Scott, MD Michael Kochman, MD
10:05AM	<b>Transoral &amp; Trans Anal Endoscopic Resections: Partial Thickness (EMR &amp; ESD)</b>	Robert Hawes, MD
10:20AM	<b>Transoral &amp; Trans Anal Endoscopic Resections: Full Thickness (EFTR)</b>	Sergey Kantsevov, MD
10:35AM	<b>Endoscopic Robotics</b>	Vic Velanovich, MD
10:50AM	<b>Panel Discussion</b>	

### LEARNING THEMES

- B** Bariatrics
- C** Colorectal
- FE** Flex Endo
- FOR** Foregut
- HR** Hernia
- NS** New technologies/Skill acquisition
- HPB** HPB/Solid organ



Thursday, April 3, 2014

9:30 AM - 4:00 PM

## Exhibits, Poster Session, and Learning Center Open

EXHIBIT HALL A-C

9:30 AM - 10:00 AM

## Break – Exhibit Hall, Posters, Learning Center

EXHIBIT HALL A-C

11:15AM - 12:00PM

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

## Karl Storz Lecture “From Checklists to Culture What Spacewalking Brings to Surgery”

EXHIBIT HALL D



**Dafydd (Dave) Rhys Williams, MD**

### SESSION DESCRIPTION

This lecture will highlight strategies for patient safety based on lessons learned from preparing for space travel.

Dr. Williams is a Canadian astronaut and physician, the President and CEO of Southlake Regional Health Centre and Assistant Professor of Surgery at the University of Toronto. He joined the Canadian Space Agency in 1992 and made two flights on the Space Shuttle, in 1998 and 2007. He logged more than 687 hours in space during his career, with a record-setting 17 hours and 47 minutes performing spacewalks, including installation work at the International Space Station. Having also lived and worked in the world's only underwater ocean laboratory, he became Canada's first dual astronaut and aquanaut in 2001.

Dr. Williams' many affiliations and awards include: Order of Canada (2013) Queen Elizabeth II Diamond Jubilee Medal (2012), Canada's Aviation Hall of Fame Inductee (2012), Board Member for the Ontario Institute for Cancer Research (2010), Member of Sea Space (2010), Board Member for the Canadian Foundation for the International Space University (2009-2010), Board Member for the Centre for Surgical Invention and Innovation (2009), Science Ambassador for the Ontario Science Centre (2009), Board Member for the Spinal Cord Injury Solutions Network (2008-2010), Member of the Minister's Space Advisory Panel (2008-2010), Board Member for Canadian Warplane Heritage Museum (2008), A Fellowship in The Explorer's Club (June 2008), the NASA Exceptional Service Award (June 2008), Honorary Board Member of Neuroscience Canada (May 2008), Member of the Canadian Commission for Antarctic Research, the NASA JSC Space and Life Sciences Directorate Special Professional Achievement (2003), the NASA Outstanding Leadership Medal (2002), Patron of the International Life Saving Federation (2002), and Rotary National Award for Space Achievement (2000).

### LEARNING THEME

**PE** Professional/Economic

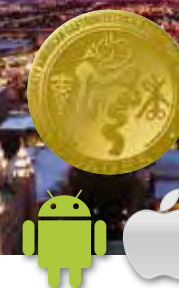
*SAGES acknowledges Karl Storz Endoscopy-America for a generous endowment in support of this lecture.*



## THE 2014 MEETING APP

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SAGES 2014

Scientific Session & Postgraduate Courses



# Thursday, April 3, 2014

12:00 PM - 1:00 PM

\*Lunch: Separate Fee Applies

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

## Educator's Luncheon "Optimizing Simulation and Technology in Graduate Surgical Education: State of the Art 2014"

ROOM 250

Session Chair: John D. Mellinger, MD; Session Co-Chair: Brent D. Matthews, MD

### SESSION DESCRIPTION

This session will include presentations over lunch from two world-leading experts in graduate medical education. The presenters will focus on surgical simulation and its current role in the training of residents and fellows, and the use of web-based technologies in enhancing graduate medical education. A panel discussion with audience participation will be included in the session following these presentations.

### SESSION OBJECTIVES

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

- Describe cost-effective strategies for the use of simulation in accelerating skill development, including transference of skill to the clinical setting
- Outline evidence-based justifications for the time and expense involved in utilizing both skills training and web based educational tools in the current era of GME
- Articulate how web based learning tools may be employed in a fashion that promotes learner engagement and educational efficiencies

### SESSION OUTLINE

Time	Presentation Title	Faculty Name
12:00PM	<b>Surgical Simulation and the Surgical Trainee: Best Practice 2014</b>	Amitai Ziv, MD
12:20PM	<b>mHealth vs. the Compassionate Encounter: Trouble at Transitions</b>	Richard Levin, MD
12:40PM	<b>Panel Discussion</b>	Moderators: John Mellinger, MD Brent Matthews, MD

SAGES acknowledges our Diamond Level Donors for their support of this activity: Covidien.

### LEARNING THEMES

- AE** Academic/Educational
- NS** New technologies/Skill acquisition

## FES & FLS Testing

Wednesday, April 2 - Friday, April 4, 2014

For more details or to schedule your test:

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Thursday, April 3, 2014

1:00PM - 3:00PM

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

## Concurrent Session SS1 MIS/Solid Organ

BALLROOM J

Moderators: Steve Eubanks, MD & Imran Hassan, MD

**S001 LAPAROSCOPIC PARTIAL SPLENECTOMY IS SAFE AND EFFECTIVE IN PATIENTS WITH FOCAL BENIGN SPLENIC LESION** Xin Wang, PhD, Yongbin Li, PhD, Hua Zhang, PhD, Bing Peng, PhD; Department of Hepatobiliopancreatic surgery, West China Hospital, Chengdu, China

**S002 POSTERIOR RETROPERITONEOSCOPIC VS LAPAROSCOPIC ADRENALECTOMY IN SPORADIC AND MEN2A PHEOCHROMOCYTOMAS** Andreas Kiriakopoulos, MD, Dimitrios Linos, MD; HYGEIA HOSPITAL

**S003 ARTIFICIAL HAND FOR MINIMALLY INVASIVE SURGERY: DESIGN AND TESTING OF INITIAL PROTOTYPE** Jennifer Rosen, MD, Aaron Size, Yuzhang Yang, Andre Sharon, PhD, Alexis F Sauer-Budge, PhD; Boston University School of Medicine, Fraunhofer USA - CMI

**S004 LAPAROSCOPIC VERSUS OPEN SURGICAL MANAGEMENT OF SMALL BOWEL OBSTRUCTION – A COMPARISON OF OUTCOMES** James P Byrne, BScEng, MD, Fady Saleh, MD, MPH, FRCSC, Luciano Ambrosini, MD, Carolina Jimenez, MD, Joshua Gnanasegaram, Fayeze Quereshey, MD, MBA, FRCSC, Timothy D Jackson, MD, MPH, FRCSC, Allan Okrainec, MDCM, MHPE, FACS, FRCSC; Division of General Surgery, University Health Network, University of Toronto

**S005 NOVEL TECHNIQUE FOR INTRAOPERATIVE IDENTIFICATION OF URETERS USING SODIUM FLUORESCIN** Fernando Dip, MD, Mario Nahmod, MD, Pedro Ferraina, MD, Raul Rosenthal, MD, Steven Wexner, MD; Training Center and Experimental Surgery José de San Martín Clinical Hospital, Buenos Aires, Argentina; Department of Colorectal Surgery, Department of Minimal Invasive, Metabolic and Bariatric Surgery, Cleveland Clinic Florida US

**S006 SAGES RESEARCH AGENDA IN GASTROINTESTINAL AND ENDOSCOPIC SURGERY: UPDATED RESULTS OF A DELPHI STUDY** Dimitrios Stefanidis, MD, PhD, Paul Montero, MD, David R Urbach, MD, MPH, Aurora Pryor, MD; Carolinas Healthcare System, University of Colorado, University of Toronto, Stony Brook University

**S007 AN ANALYSIS OF FACTORS AFFECTING THE SURGICAL APPROACH AND TIMING OF BILATERAL ADRENALECTOMY** Billy Y Lan, Eren Taskin, MD, Erol Aksoy, MD, Onur Birsun, MD, Jaime Mitchell, MD, Allan Siperstein, Eren Berber, MD; Cleveland Clinic Foundation

**S008 META-ANALYSIS OF SAFETY AND EFFICACY OF LAPAROSCOPIC RESECTION FOR GASTRIC STROMAL TUMORS** Yuchen Zhou, MS, Ke Chen, MS, Yiping Mou, MD, FACS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

**S009 THE DIAGNOSTIC YIELD OF LAPAROSCOPIC LYMPH NODE BIOPSY IS SUPERIOR TO THE PERCUANTEOUS TECHNIQUE IN CASES OF SUSPECTED LYMPHOMA.** Shaun C Daly, MD, Matthew Klairmont, BS, Bulent Arslan, MD, Minh B Luu, MD, Jonathan A Myers, MD; Rush University Medical Center

**V001 SUPERIOR MESENTERIC ARTERY SYNDROME FOUR MONTHS FOLLOWING SLEEVE GASTRECTOMY** Allison M Barrett, MD, David J Harrison, BA, Seth I Felder, MD, Edward H Phillips, MD, FACS, Miguel A Burch, MD, FACS; Cedars Sinai Medical Center

**V002 REAL-TIME INTRA-OPERATIVE ENDOSCOPIC FLUORESCENCE IMAGING FOR EVALUATION OF BOWEL PERFUSION IN THE SETTING OF ISCHEMIC COLITIS** Sam Atallah, MD, FACS, FASCRS, Francisco Quinteros, MD, Henry Schoonyoung, MD, Beatriz Martin-Perez, MD, Lawna Hunter, BA, Sergio Larach, MD; Florida Hospital

**V003 ANEURYSM OF THE SPLENIC ARTERY: LAPAROSCOPIC APPROACH** Federico Moser, MD, Pablo Maldonado, MD, Veronica Gorodner, P Saleg, MD, Lucio Obeide, MD; Hospital Privado de Cordoba

**V004 LAPAROSCOPIC MEDIAN ARCUATE LIGAMENT RELEASE** Tatiana Hoyos, MD, John Stauffer, MD, Albert Hakaim, MD, Horacio Asbun, MD; Mayo Clinic, Florida

**V005 SPLEEN PRESERVING LAPAROSCOPIC RESECTION OF SPLENIC ARTERY ANEURYSM** Francesco Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Ettore Santini, MD, P Paolantoni, MD, Francis Milton Reedy, MD; Department of Surgery, Colorectal and Vascular Surgical Units. San Giovanni Addolorata Hospital - Rome

**V006 ROBOT-ASSISTED MINIMALLY INVASIVE PARTIAL RESECTION OF THE SPLEEN FOR NONPARASITIC SPLENIC CYST** Graziano Pernazza, MD, Annibale D'Annibale, MD; San Giovanni-Addolorata Hospital, Rome

Thursday, April 3, 2014

1:00 PM - 5:00 PM

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



## Postgraduate Video-based Course: Ventral Hernia Repair – Technical Considerations in Challenging Scenarios

BALLROOM E-H

Session Chair: Brent D. Matthews, MD; Session Co-Chair: Kent W. Kercher, MD

**\* SPOTLIGHT ON HERNIA \* Activity**

### SESSION DESCRIPTION


The surgical treatment of ventral and incisional hernias can be a challenge for practicing surgeons due to geometric and anatomical variation in abdominal walls and/or hernias, the reoperative abdomen and avoidance or management of peri-operative complications. This video-based session will provide practical instruction on open and laparoscopic techniques for open and laparoscopic ventral and incisional hernia repair, complication management, and novel approaches to abdominal wall reconstruction.

### SESSION OBJECTIVES

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

- Identify strategies for complication avoidance and management during laparoscopic ventral hernia repair
- Apply techniques for abdominal wall closure to minimize ventral incisional hernia
- Incorporate myofascial release techniques during open ventral incisional hernia repair for abdominal wall reconstruction
- Demonstrate minimally invasive and open techniques to repair ventral incisional hernias limited by anatomical boundaries (pelvis/chest wall) for soft tissue fixation

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:00PM	Introduction	Brent Matthews, MD
1:05PM	Midline Laparotomy Closure with a 4:1 Suture: Wound Length Ratio to Minimize Ventral Incisional Hernias	Eric Pauli, MD
1:13PM	Prophylactic Mesh Reinforcement During Stoma Creation to Minimize Parastomal Hernias	Matthew Mutch, MD
1:25PM	Rives Stoppa Retrorectus Ventral Incisional Hernia Repair and Transversus Abdominus Release	Melissa Phillips, MD
1:37PM	Rameriz Anterior Component Separation Release: Perforator and Nonperforator Sparing	Garth Jacobsen, MD
1:50PM	Panel Discussion	Moderators: Brent Matthews, MD Kent Kercher, MD
2:15PM	Laparoscopic Bone Anchor Fixation for Complex Ventral Hernia Repair	William Cobb, MD
2:27PM	Laparoscopic Suprapubic and Subxyphoid Hernia Repair	B. Todd Heniford, MD
2:39PM	Endoscopic Component Separation	John Scott Roth, MD
2:49PM	Laparoscopic Parastomal Hernia Repair: Sugarbaker Technique	John Linn, MD
3:01PM	Panel Discussion	Moderators: Brent Matthews, MD Kent Kercher, MD
3:30PM	Break	
4:00PM	 Avoidance and Management of Complications During Laparoscopic Ventral Hernia Repair	Brent Matthews, MD
4:10PM	Laparoscopic Ventral Hernia Repair for Loss of Abdominal Domain	Bruce Ramshaw, MD
4:20PM	Open Ventral Hernia Repair for Loss of Abdominal Domain: Progressive Pneumoperitoneum, Botox Injection, Anything That Works	Alfredo Carbonell, DO
4:30PM	Novel Techniques and Technology: Laparoscopic Positioning Systems, Primary Defect Closure, Evolving Fixation Device for Ventral Hernia Repair	Yuri Novitsky, MD
4:40PM	Panel Discussion	Moderators: Brent Matthews, MD Kent Kercher, MD

SAGES acknowledges educational grants in support of this course from Covidien and Gore & Associates.

### LEARNING THEMES

- HR** Hernia
- NS** New technologies/Skill acquisition



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**Presented By: David Iannitti, MD, FACS**  
Chief of HPB Surgery, Carolinas Medical Center

**Thursday, April 3, 2014**

**5:30 pm – 7:30 pm**

**Salt Palace Convention Center  
Room 150 D-F**

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## Hands-On Course: CBD Stones

ROOM 155

Session Chair: Eric Steven Hungness, MD; Session Co-Chair: Mark J. Watson, 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:

- Improve interpretation of intraoperative cholangiography
- Identify the equipment necessary to perform Laparoscopic Common Bile Duct Exploration (LCBDE)
- Describe the indications for LCBDE
- Determine when to perform a transcystic versus transcholedochal approach
- Demonstrate the steps of transcystic and transcholedochal LCBDE
- Recognize when and how to place Fanelli stents
- Demonstrate the steps of open common bile duct exploration

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:00PM	Introduction to Session/Stations	Eric Hungness, MD Mark Watson, MD
1:15PM - 5:00PM	Hands-On Stations (2 hours on Station 1 and 25 minutes each on Stations 2-5):	
	Station 1: Laparoscopic Common Bile Duct Simulators	Nathaniel Soper, MD Joseph Petelin, MD Alex Nagle, MD Fernando Santos, MD Khashayar Vaziri, MD Edward Phillips, MD Daniel Jones, MD
	Station 2: Cholangiography Interpretation Station	George Berci, MD Maurice Arregui, MD Ezra Teitelbaum, MD
	Station 3: Open Common Bile Duct Station	Richard Vazquez, MD Morris Franklin Jr, MD Donald Wenner, MD
	Station 4: Cannulation/T-tube Insertion/Laparoscopic Suturing Station	Daniel Scott, MD Jonathan Pearl, MD Michael Ujiki, MD
	Station 5: Fanelli Stent Placement Station	Benjamin Poulouse, MD Keith Gersin, MD

SAGES acknowledges an educational grant in support of this course from Karl Storz Endoscopy.

SAGES acknowledges contributions in-kind in support of this course from Covidien, Ethicon, Karl Storz Endoscopy, Olympus and Simulab.

### LEARNING THEMES

- NS** New technologies/Skill acquisition
- HPB** HPB/Solid organ

# *Surgical Spring Week* **SAGES 2015**



**April 15-18, 2015 Nashville, TN**

Program Chair: Aurora Pryor, MD

Program Co-Chair: Michael Holzman, MD



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## Didactic & Hands-On Course: Flexible Endoscopy – Train the Trainers

**ROOM 155**

**Session Chair:** Thadeus L. Trus, MD; **Session Co-Chair:** E. Matthew Ritter, MD

### SESSION DESCRIPTION

This session is designed for anyone involved in teaching endoscopy, including practicing endoscopists (surgeons and gastroenterologists) who teach or want to teach endoscopy either at an academic or non academic hospital or endoscopy center, program directors, surgical educators, simulation lab coordinators and fellows. The course is designed to highlight ways to integrate endoscopy training into a residency curriculum and to demonstrate various hands-on simulators ranging in price and sophistication.

### SESSION OBJECTIVES

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

- Reinforce their knowledge of the basic fundamental steps of flexible endoscopy
- Teach the basic steps to residents using a variety of methods
- Review the changing requirements for endoscopy training
- Develop strategies for implementing the new requirements into their training program
- Gain exposure to a variety of hands-on models of various sophistication to use as training tools

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:00PM	<b>Why Surgeons Need to do Endoscopy</b>	Robert J. Bowles, MD
1:15PM	<b>What the American Board of Surgery Expects from a Residency Training Program with Respect to Flexible Endoscopy</b>	Bruce Schirmer, MD
1:35PM	<b>The Fundamentals of Flexible Endoscopy</b>	Thadeus Trus, MD
1:55PM	<b>Training Models: What's out There?</b>	E. Matthew Ritter, MD
2:25PM	<b>Measuring Proficiency and Progress</b>	Melina Vassiliou, MD
2:45PM	<b>How do I Incorporate This Into my Residency Training Program</b>	Michael Awad, MD
3:05PM	<b>Break/Move to Hands-On Lab</b>	
3:20PM - 5:20PM	<b>Hands-On (20 minutes each)</b>	Lab Coordinator: Diego Camacho, MD
3:20PM	<b>Station 1: CM 15 Colonoscopy Model</b> <b>Station 2: Flex Endo Shoe Box Model/APDS Colonoscopy Model</b> <b>Station 3: Methodist Colonoscopy Model</b> <b>Station 4: Explant Model</b> <b>Station 5: Simulator (Simbionix/Immersion)</b>	

### Lab Faculty:

Michael Awad, MD; Diego Camacho, MD; Elizabeth Honigsberg, MD; Elliott Silverman, PA-C; Konstantinos Spaniolas, MD

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

*SAGES acknowledges contributions in-kind in support of this course from Boston Scientific, Erbe, Karl Storz Endoscopy, Olympus and Simbionix.*

### LEARNING THEMES

- FE** Flex Endo
- AE** Academic/Educational



SAGES 2014

Scientific Session & Postgraduate Courses

Thursday, April 3, 2014

1:00 PM - 5:00 PM

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



## Ethics of Innovation Symposium

**BALLROOM A-D**

**Session Chair:** Phillip P. Shadduck, MD; **Session Co-Chair:** Robert D. Fanelli, MD & Steven C. Stain, MD

### SESSION DESCRIPTION

This Ethics Session is presented with the intent of encouraging thought and dialogue about ethical considerations relevant to the development and implementation of new technologies and new techniques in gastrointestinal/endoscopic surgery. This is a collaborative effort of the SAGES Ethics Liaison Group, Conflict of Interest Task Force, Quality Outcomes Safety Committee, Technology & Value Assessment Committee, and Guidelines Committee. Examples from Robotic Surgery will be featured in the discussion.

### SESSION OBJECTIVES

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

- Recognize ethical considerations relevant to the development and implementation of new technologies and techniques in surgery and their impact on patient safety
- Evaluate their own practice and determine whether any opportunities might exist for improving their own process for introducing new technologies/techniques
- Use the SAGES Guideline for the Implementation of New Technologies in Surgery to determine whether any opportunities exist for improving their institution's process for introducing new surgical technologies/techniques

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:00PM	Introductory Comments	Phillip Shadduck, MD
1:05PM	Innovation in Surgery- Responsibilities & Ethical Considerations	Lee Swannstrom, MD
1:25PM	The US FDA & Surgical Innovation- Tradeoffs & Change	Steven Strasberg, MD
1:45PM	Introducing Emerging Technologies- Timing & Process	Jeffrey Ponsky, MD
2:00PM	Training & Credentialing Surgeons in New Technologies	Timothy Farrell, MD
2:20PM	The "Informed Consent" Process	Lelan Sillin, MD
2:40PM	Semantics and Patient Perceptions of Emerging Technology	David Urbach, MD
2:55PM	Tracking Outcomes of New Technologies	Anne Lidor, MD
3:10PM	Balancing Surgeon Responsibilities to Individuals & Society	Alberto Ferreres, MD, PhD
3:30PM	Paying for New Technologies- Insurance Company Perspective	Richard Dal Col, MD
3:45PM	Paying for New Technologies- National Healthcare Perspective	Joel Brill, MD
4:05PM	Evolving Responsibility for SAGES- TAVAC	Dmitry Oleynikov, MD
4:15PM	Evolving Responsibility for SAGES- New Technology Guideline	Robert Fanelli, MD
4:25PM	Q&A	Panel
4:35PM	Concluding Comments	Gerald Fried, MD

### LEARNING THEMES

- NS** New technologies/Skill acquisition
- PE** Professional/Economic

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Thursday, April 3, 2014

1:00 PM - 3:00 PM

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

## SAGES/KSELS Panel: Gastric Cancer

Session Chair: Ho-Seong Han, MD; Session Co-Chair: Jose M. Martinez, MD

### SESSION DESCRIPTION

This session will discuss the current status of laparoscopic gastrectomy and collaboration on the study and clinical practice in this field.

### SESSION OBJECTIVES

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

- Describe the potential advantages of laparoscopic gastrectomy in terms of patients recovery
- Discuss the outcomes of a comparative study between laparoscopy and open surgery for the patients with gastric cancer
- Outline the benefits and challenges of collaborating on an outcomes study between two countries

### SESSION OUTLINE

Time	Presentation Title	Faculty Name
1:00PM	Laparoscopic Gastrectomy for Early Gastric Cancer. KCLASS* Group, Multi-institutional Study 1	Hyung-Ho Kim, MD, PhD
1:20PM	Laparoscopic Gastrectomy for Advanced Gastric Cancer. KCLASS* Group, Multi-institutional Study 2	Sang-Uk Han, MD, PhD
1:40PM	Endolumenal and Laparoscopic Management of Gastric Neoplasms	Emmanuel Lo Menzo, MD
2:00PM	Role of Screening, Surveillance and Adjuvant Therapies of Gastric Neoplasms	Jose Martinez, MD
2:20PM	Screening on Gastric Cancer in Korea	Young-Woo Kim, MD
2:35PM	Endoscopic Approaches to Early Gastric Neoplasm	Sergey Kantsevov, MD
2:50PM	Q&A	

\*KCLASS = Korean Laparoscopic Gastrointestinal Surgery Study

### LEARNING THEMES

**FOR** Foregut

EXHIBIT HALL D



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Thursday, April 3, 2014

3:00PM - 3:30PM

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

## Happy (Half) Hour Break in Exhibit Hall

EXHIBIT HALL A-C

3:30PM - 5:00PM

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

## Concurrent Session SS2 Video 1

BALLROOM J

**Moderators: Bruce Schirmer, MD & Melissa Phillips, MD**

**V007 NOVEL COMBINED VATS/LAPAROSCOPIC APPROACH FOR GIANT AND COMPLICATED PARAESOPHAGEAL HERNIA REPAIR: DESCRIPTION OF TECHNIQUE AND EARLY RESULTS** Daniela Molena, MD, Benedetto Mungo, MD, Miloslawa Stem, MS, Anne O Lidor, MD, MPH; Johns Hopkins Medicine

**V008 TOTALLY LAPAROSCOPIC PUESTOW PROCEDURE** Rosara Milstein, MS, Jennifer Schwartz, MD, Andrei Manilchuk, MD, David B Renton, MD; The Ohio State University

**V009 HYBRID LAPAROSCOPIC-ROBOTIC MANAGEMENT OF TYPE IVA CHOLEDOCHAL CYST IN THE SETTING OF PRIOR ROUX-EN-Y GASTRIC BYPASS** Julietta Chang, MD, R. Matthew Walsh, MD, Kevin El-Hayek; Cleveland Clinic Foundation

**V010 FORAMEN OF WINSLOW HERNIA: A MINIMALLY INVASIVE APPROACH** Cristina R Harnsberger, MD, Elisabeth C Mclemore, MD, Ryan C Broderick, MD, Peter Yu, MD, Martin A Berducci, MD, Catherine Beck, MD, Hans F Fuchs, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

**V011 LAPAROSCOPIC TRANSCYSTIC COMMON BILE DUCT EXPLORATION** Ezra N Teitelbaum, MD, Bill R Luo, MD, Nathaniel J Soper, MD, Eric S Hungness, MD, Alex P Nagle, MD; Northwestern University Feinberg School of Medicine

**V012 LAPAROSCOPIC MANAGEMENT OF HIATAL HERNIAS IN DIFFICULT CASES** Oscar M Crespin, M, D, Brant K Oelschlager, M, D, Carlos A Pellegrini, M, D; University of Washington Medical Center

3:30 PM - 5:00PM

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

## Current Management of Rectal Cancer Panel

EXHIBIT HALL D

**Session Chair: David Etzioni, MD; Session Co-Chair: George J. Chang, MD**

### SESSION DESCRIPTION

Evidence-based treatment of rectal cancer involves the appropriate use of surgery, chemotherapy, and radiation treatment. In this session we will review elements of decision-making and their basis in emerging knowledge in the field. This review will be helpful to any surgeon involved in rectal cancer treatment.

### SESSION OBJECTIVES

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

- Discuss the advantages and disadvantages of extended pelvic lymphadenectomy
- Describe the advantages and disadvantages of three options for transanal approaches to rectal cancer
- Discuss national trends in the use of minimally invasive/robotic techniques for rectal cancer surgery

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
3:30PM	Transanal, TEM, TAMIS: The Right Approach for the Right Patient	Mark Whiteford, MD
3:42PM	Minimally Invasive Proctectomy: Where do we Stand in 2014?	Alessandro Fichera, MD
3:54PM	Robotic Surgery for Rectal Cancer: Delivering on the Promise?	Sonia Ramamoorthy, MD
4:06PM	Role of Pelvic Lymph Node Dissection for Rectal Cancer	Seon-Han Kim, MD
4:18PM	Regionalizing Rectal Cancer Treatment: Do we need "Centers of Excellence"?	John Monson, MD
4:30PM	Panel Discussion	All Faculty

### LEARNING THEMES

- C** Colorectal
- PE** Professional/Economic

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Thursday, April 3, 2014

5:30PM - 7:30PM

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



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## Industry Education 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.**

### "The Future of Transanal Surgery: TAMIS and Beyond" Clinical Symposium and Hands-on Workshop

BALLROOM I

Presented by Applied Medical

Speakers: **Matthew Albert, MD, FACS, FASCRS**

**Antonio Lacy, MD, PhD**

**John H. Marks, MD, FACS, FASCRS**

A global panel of experts will present videos and discuss recent breakthroughs in minimally invasive transanal surgery. Following the panel presentation, faculty will assist attendees in a hands-on TAMIS workshop.

***This is a non-CME activity presented and supported by Applied Medical***

### "From Permanent to Biologics to the Resorbable PHASIX Mesh: Right Procedure, Right Product, Right Outcome"

ROOM 150 D-F

Presented by Davol Inc., a BARD Company

Presenter: David Iannitti, MD

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

### "da Vinci Surgery Symposium" Discover What's Next in da Vinci Surgery

BALLROOM A-D

Presented by Intuitive Surgical

Presenters: **Anthony Gonzalez, MD, FASMB**

**Jorge Lagares-Garcia MD, FASCRS**

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

### Advanced Imaging and Energy Technologies in Laparoscopy Presented by Olympus America, Inc.

BALLROOM E-H

Presenters: **Todd Wilson MD**, Assistant Professor, Division of Elective General Surgery,  
University of Texas Medical School at Houston

**Eric Haas MD**, Program Director, Minimally Invasive Colon and Rectal Surgery Fellowship,  
University of Texas Medical School at Houston

***This is a non-CME activity presented and supported by Olympus***



## Notes

**SAGES 2014**

*Scientific Session & Postgraduate Courses*

Friday, April 4, 2014



**SAGES 2014**  
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Time	Program	Location
7:00 AM - 8:30 AM	Barbara Marks Commemorative Breakfast (not accredited for CME)	Room 250
7:30 AM - 5:30 PM	Military Surgical Symposium	Ballroom I
7:00 AM - 8:30 AM	Concurrent Session SS3 Video 2	Ballroom J
7:30 AM - 8:30 AM	Concurrent Session SS4 NOTES/Transanal	Ballroom A-D
7:30 AM - 8:30 AM	Concurrent Session SS5 Quick Shots 1	Ballroom E-H
7:30 AM - 8:30 AM	Panel: SAGES/JSES – Endoscopic Submucosal Dissection (ESD) – When will we catch up with our Japanese colleagues?	Exhibit Hall D
8:30 AM - 10:00 AM	SS6 Plenary Session 1	Exhibit Hall D
9:30 AM - 4:00 PM	Exhibits, Poster Session, Learning Center Open	Exhibit Hall A-C
10:00 AM - 10:45 AM	Keynote: Presidential Address – Gerald M. Fried, MD “Connecting in the Digital Age”	Exhibit Hall D
10:45 AM - 11:30 AM	Keynote: Gerald Marks Lecture – Prof. Amitai Ziv, MD “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”	Exhibit Hall D
11:30 AM - 12:30 PM	Concurrent Session SS7 Education/Simulation	Ballroom A-D
11:30 AM - 12:30 PM	Concurrent Session SS8 Outcomes	Ballroom E-H
11:30 AM - 12:30 PM	Concurrent Session SS9 Metabolic/Obesity 1	Exhibit Hall D
11:30 AM - 12:30 PM	Concurrent Session SS10 Basic Science	Ballroom J
12:30 PM - 1:30 PM	Fellowship Council Luncheon “Strategies for Overcoming the Financial Challenges Facing the Fellowship Council” (not accredited for CME)	Room 250
1:30 PM - 5:30 PM	Half-Day Postgraduate Course: Humanitarian	Room 150 D
1:30 PM - 3:15 PM	The Great Presidential Debates of 2014	Ballroom A-D
1:30 PM - 3:15 PM	Panel: Emerging Frontiers in Simulation – Based Surgical Education	Ballroom J
1:30 PM - 3:15 PM	Panel: SAGES/ALACE – Evolution and Clinical Applications of Minimal Access Surgery in Latin America	Exhibit Hall D
1:30 PM - 3:15 PM	Panel: MIS Jeopardy	Ballroom E-H
3:15 PM - 3:45 PM	Happy ½ Hour Break in Exhibit Hall	Exhibit Hall A-C
3:30 PM - 5:30 PM	Session: Emerging Technology (not accredited for CME)	Ballroom A-D
3:45 PM - 5:30 PM	Panel: MIS for Acute Care Surgeons	Ballroom E-H
3:45 PM - 5:30 PM	Panel: SAGES/EAES – Benign Foregut: Opinions and Evidence in the Management of Benign Esophageal Disorders	Exhibit Hall D
3:45 PM - 5:30 PM	Resident/Fellow Scientific Session	Ballroom J
6:00 PM - 7:00 PM	Meet the Leadership Reception for Residents, Fellows & New Members	The Depot
7:00 PM - 11:00 PM	SAGES Gala & International Singoff	The Depot



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Friday, April 4, 2014

7:00AM - 8:30AM

Ticketed event – Ticket included in guest registration

## Barbara Marks Commemorative Breakfast

ROOM 250

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

Join us to celebrate life and contribution to SAGES by Barbara Marks, the wife of Gerald Marks, SAGES Founder and first President. (see page 106 for details)

7:30 AM - 12:30 PM and 1:30 PM - 5:30 PM

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

## Military Surgical Symposium *Note: This is not an official Department of Defense event.* BALLROOM I

Session Chair: LTC(P) Robert B. Lim, MD; Session Co-Chairs: COL Robert M. Rush, MD & LTC Yong U. Choi, MD

### SESSION DESCRIPTION

Many surgical lessons are learned from war. The symposium will emphasize the academic work of military physicians as it relates to general surgery with emphasis on combat medicine, trauma care, and surgical technological advancement. We will discuss military specific issues as it pertains to the practice of surgery, from the biochemical to subspecialty aspects, in the combat and austere environment. We will also highlight the academic work that would be considered for incorporation into military doctrine for battlefield preparation. The specific topics will be determined by the session chairs after an abstract call.

### SESSION OBJECTIVES

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

- Identify and address the specific care issues related to combat and austere environment surgical care
- Plan incorporation of surgical advancement onto the battlefield and into garrison practice
- Identify the differences of combat surgery versus trauma surgery in the civilian sector
- Discuss the latest scientific data that could be considered for military doctrine
- Communicate with the senior leaders of each service and senior leadership of SAGES for academic and research endeavors

### SESSION OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	Trauma/Critical Care Session Podium Presentations	COL Matthew Martin, MD CDR Carlos Rodriguez, MD
10:00AM	SAGES Presidential Lectures and Keynote Session	
11:30AM	Podium Presentations (continues)	
12:00PM	Mark Taylor Memorial Lecture in Trauma	COL Brian Eastridge, MD
12:30PM	Lunch Break	
1:30PM	Surgical Subspecialties Session Podium Presentations	LTC Christy Chai, MD MAJ Duane Duke, MD
3:15PM	Break – Exhibit Hall, Posters, Learning Center	
3:45PM	Podium Presentations (continues)	
4:15PM	Awards Ceremony	Session Chairs
4:30PM	Robert E. Lee Subspecialties Lecture	COL (Ret) Kenneth Azarow, MD
5:00PM	Meet and Greet Panel with SAGES and Military Leadership	LTC(P) Robert Lim, MD Daniel B. Jones, MD Gerald Marks, MD Aurora Pryor, MD Steven Schwaitzberg, MD C. Daniel Smith, MD

### LEARNING THEMES

- B** Bariatrics
- AE** Academic/Educational
- PE** Professional/Economic

### TRAUMA/CRITICAL CARE PRESENTATIONS:

**0730 NON-THERAPEUTIC LAPAROTOMY IN AMERICAN COMBAT CASUALTIES: A TEN-YEAR REVIEW.** CPT Thomas A Mitchell, MD; Tara Hutchison; LTC Tyson E Becker; COL Lorne H Blackbourne; LTC Christopher E White. San Antonio Military Medical Center General Surgery Department; United States Army Institute of Surgical Research, Fort Sam Houston, TX

**0745 CHANGING PATTERNS OF IN-HOSPITAL DEATHS FOLLOWING IMPLEMENTATION OF DAMAGE CONTROL RESUSCITATION PRACTICES IN FORWARD COMBAT FACILITIES.** CPT Nicholas R Langan, MD; MAJ Matthew J Eckert, MD; COL Matthew J Martin, MD. Department of Surgery, Madigan Army Medical Center, Joint Base Lewis-McChord



SAGES 2014  
Scientific Session & Postgraduate Courses



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Friday, April 4, 2014

**0800 ADMINISTRATION OF FTY720 DURING TOURNIQUET-INDUCED HIND LIMB ISCHEMIA-REPERFUSION INJURY ATTENUATES MORBIDITY AND MORTALITY.** CPT Jonathan J. Sexton, MD; Anthony D. Foster, PhD; Kyle A. Brunette, BS; CPT Vincente S. Nelson, MD; CAPT Eric A. Elster, MD; Thomas A. Davis, PhD. Department of Regenerative Medicine, Naval Medical Research Facility, Silver Spring, Maryland; Department of Surgery, Walter Reed National Military Medical Center, Bethesda, Maryland; Department of Surgery, Uniformed Services University of the Health Sciences, Bethesda, Maryland

**0815 PREDICTORS OF FLAP AND LIMB SALVAGE FAILURE IN MILITARY AND CIVILIAN EXTREMITY TRAUMA.** CPT Jennifer M. Sabino; LT Donald J. Lucas; Dr. Raja Mohan; Dr. Devinder P. Singh; LCDR Patrick Basile; CAPT Robert Howard; COL Barry Martin; CDR Thomas Chung; MAJ Kerry Latham; Dr. Michael Christy; Dr. Eduardo D. Rodriguez; Dr. Rachel Bluebond-Langer; LCDR Ian L. Valerio. Walter Reed National Military Medical Center, Bethesda, MD; University of Maryland Medical Center, Baltimore, MD

**0830 INCIDENCE OF PULMONARY EMBOLISM AFTER TRAUMATIC EXTREMITY AMPUTATION.** LCDR Matthew D. Tadlock; Kenji Inaba; Dimitra Skiada; Kuo-Chen Choung; Obi Okoye; LCDR Daniel J. Grabo; Elizabeth Benjamin; Demetrios Demetriades. Department of Acute Care Surgery & Surgical Critical Care, Los Angeles County + University of Southern California; Navy Trauma Training Center, Los Angeles, California

**0845 5 MM TROCARS FOR THE TREATMENT OF TENSION PNEUMOTHORAX: A SUPERIOR ALTERNATIVE TO NEEDLE DECOMPRESSION.** Quinton Hatch, MD; Mia Debarros, MD; Kelly Blair, MD; Eric Johnson, MD; Kenji Inaba, MD; Matthew Martin, MD; Madigan Army Medical Center

**0900 DEVELOPMENT OF A SWINE MODEL OF BI-LATERAL HIND LIMB ISCHEMIA REPERFUSION AND ACUTE ORGAN INJURY ACHIEVED BY TERMINAL AORTIC BALLOON OCCLUSION.** Kira N. Long, MD 59MDW/ST-SAMMC; Capt Thomas A. Heafner, MD 59MDW/ST-SAMMC; CPT Clayton J. Lewis, MD 59MDW/ST-SAMMC; Maj Ian Stewart, MD SAMMC; Jerry R. Spencer 59MDW; Maj Brandon W. Propper, MD 59MDW/ST-SAMMC; James D. Ross, PhD 59MDW/S; Executed at 59MDW/CRD

**0915 QUANTITATIVE IN VITRO MODEL FOR THE STUDY OF BACTERIAL ATTACHMENT ON VASCULAR CONDUITS.** Heafner T; Abercrombie J; Propper B; Ching A; Arthurs Z. San Antonio Military Medical Center, Department of Vascular Surgery, Ft. Sam Houston, TX; 59th MDW/ST, Lackland AFB, TX; US Army Institute of Surgical Research, Ft. Sam Houston, TX

**0930 A SIMPLIFIED TRAUMA TRIAGE SYSTEM SAFELY REDUCES OVERTRIAGE AND IMPROVES PROVIDER SATISFACTION: A PROSPECTIVE STUDY.** CPT Robert R. Shawhan, MD; CPT Katherine Zamparini, MD; CPT Derek, McVay, MD; MAJ Ryan Lehmann, MD; MAJ Wayne Causey, MD; Linda Casey, RN; LTCOL Scott Steele, MD; COL Matthew Martin, MD. Department of General Surgery, Madigan Army Medical Center

**1130 THE ADRENAL RESPONSE TO INJURY IN MAURITAN CYNOMOLGUS MACAQUES: A COMPARISON BETWEEN ISOLATED HEMORRHAGE AND POLYTRAUMA MODELS.** CPT Vincente S. Nelson, MD; Chioma Aligbe, MS; CPT Jonathan J. Sexton, MD; CAPT Eric Elster, MD; Thomas A. Davis, PhD; LCDR Matthew Bradley, MD. Department of Regenerative Medicine, Naval Medical Research Center, Silver Spring, Maryland; Department of Surgery, Walter Reed National Military Medical Center, Bethesda, Maryland; Department of Surgery, Uniformed Services University of the Health Sciences, Bethesda, Maryland

**1145 ELEVATED PLASMA ADMA LEVELS MAY EXACERBATE PULMONARY HYPERTENSION IN A PORCINE MODEL OF SEVERE HEMORRHAGIC SHOCK.** Michael R. Rowland, MD; Neli P. Ragina, PhD; Joy Sarkar, MD; Catherine F T Uyehara, PhD; Anthony J. Senagore, MD. Department of Clinical Investigation, Tripler Army Medical Center, Honolulu, HI; Central Michigan University, College of Medicine, Mount Pleasant, MI

#### **SURGICAL SUBSPECIALTIES PRESENTATIONS:**

**1330 HYBRID REPAIR OF AN AORTIC ARCH ANEURYSM: COMBINED ARCH RECONSTRUCTION, ENDOVASCULAR REPAIR, AND CORONARY ARTERY BYPASS GRAFT.** CPT Margaret E. Clark; MAJ Benjamin D. Tabak; LTC Neil R. Stockmaster; LTC Dwight C. Kellicut. Department of Surgery, Tripler Army Medical Center, Honolulu HI

**1345 USE OF EXTERNAL-TO-INTERNAL CAROTID ARTERY TRANSPOSITION FACILITATED BY MANDIBULAR DISLOCATION FOR THE TREATMENT OF DISTAL INTERNAL CAROTID ARTERY STENOSIS.** CPT Terri L. Carlson, CPT Jacqueline D Moore, Tony Katras MD, MAJ Scott Golarz. Department of Surgery, Tripler Army Medical Center

**1400 THE PEDIATRIC TRAUMA AND TRANEXAMIC ACID STUDY (PED-TRAX).** Daniel Nelson, DO; Matthew Eckert, MD; Matthew Martin, MD. Madigan Army Medical Center, Tacoma, Washington

**1415 THORACIC EPIDURAL WITH THE NUSS PROCEDURE. DO PATIENTS REALLY NEED IT? A SINGLE INSTITUTION'S EXPERIENCE.** CPT Jigar A. Patel, MD, Department of General Surgery, WRNMMC; CDR Shawn Safford, MD, FACS, FAAP, Department of Pediatric Surgery, WRNMMC; MAJ Duane Duke, MD, FACS, Department of Pediatric Surgery, WRNMMC

**1430 NATIONWIDE ANALYSIS OF COMPLEX GASTROSCHISIS.** CPT Nathan P. Zwintscher, MAJ John D. Horton. Department of Surgery, Madigan Army Medical Center, Tacoma, WA

**1445 SURVIVABILITY OF SURGICAL REPAIR & RECCURANCE OF SHOULDER INSTABILITY IN A YOUNG, ACTIVE POPULATION.** CPT Adam Pickett, MD, Walter Reed National Military Medical Center, Bethesda, MD; LT James H. Flint, MD, Walter Reed National Military Medical Center, Bethesda, MD; LTC Brett Owens, MD, United States Military Academy, West Point, NY; LTC Steve Svoboda, MD, United States Military Academy, West Point, NY; Karen Y. Peck, MEd, ATC, United States Military Academy, West Point, NY; Ken Cameron, PhD, United States Military Academy, West Point, NY. CDR John Biery, MD, United States Naval Academy, Annapolis, MD; MAJ Jeffrey Giuliani, MD, Walter Reed National Military Medical Center, Bethesda, MD; CDR John-Paul Rue, MD, United States Naval Academy, Annapolis, MD

Friday, April 4, 2014



SAGES 2014

Scientific Session & Postgraduate Courses

**1500 UTILITY OF INDOCYANINE GREEN FLUORESCENCE LYMPHOGRAPHY FOR SOURCE IDENTIFICATION IN GROIN LYMPHORRHEA: A CASE SERIES.** LCDR John S. Maddox, MD<sup>2</sup>; CPT Jennifer M. Sabino, MD<sup>2</sup>; Bryan Buckingham, MD<sup>1</sup>; Gerhard S. Mundinger, MD<sup>1</sup>; Jonathan Zelken, MD<sup>1</sup>; Rachel Bluebond-Langner, MD<sup>1</sup>; Devinder P. Singh, MD<sup>1</sup>; Luther Holton III, MD<sup>1</sup>. 1. Division of Plastic Surgery, University of Maryland School of Medicine; 2. Department of General Surgery, Walter Reed National Military Medical Center

**1545 INABILITY TO DETERMINE TISSUE HEALTH IS MAIN INDICATION OF ALLOGRAFT USE IN INTERMEDIATE BURNS.** CPT John Fletcher, MD; Leopoldo C Cancio, COL MC USA; Robert G Hale, COL DC USA; Kai P Leung, PhD (CIV); Evan M Renz, COL MC USA; Rodney K Chan, MD (CIV). San Antonio Military Medical Center

**1600 ESOPHAGEAL PERFORATION IN AN ADULT WITH EOSINOPHILIC ESOPHAGITIS.** CPT Chonna L. Kendrick, MD; CPT Katherine Hetz, MD; MAJ Jason M. Pfluke, MD; MAJ Michael Harnisch, MD; LTC James A. Dickerson, MD. San Antonio Military Medical Center, Fort Sam Houston, TX

7:00AM - 8:30AM

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

## Concurrent Session SS3 Video 2

BALLROOM J

**Moderators: Jo Buyske, MD & Jon Gould, MD**

**V013 TWISTED AND BACKWARDS: LAPAROSCOPIC LADD'S PROCEDURE IN A PATIENT WITH MALROTATION, SITUS INVERSUS AND PREDUODENAL PORTAL VEIN** Benjamin R Biteman, MD, MS, Todd Ponksy, MD, FACS, Amelia Dorsey, MD; Akron Children's Hospital

**V014 COMPLEX LAPAROSCOPIC REPAIR OF GIANT TYPE IV HIATAL HERNIA AFTER ESOPHAGECTOMY** Fredrick Che, MD, Nojan Toomari, DO, Ninh Nguyen, MD; University of California Irvine Medical Center

**V015 SINGLE INCISION LAPAROSCOPIC LOW ANTERIOR RESECTION COMBINED WITH NATURAL ORIFICE SURGERY USING PROLAPSING TECHNIQUE** Goutaro Katsuno, MD, PhD, Masaki Fukunaga, MD, PhD, Yoshifumi Lee, MD, PhD, Kunihiro Nagakari, MD, PhD, Masahiko Sugano, MD, PhD, Masaru Suda, MD, PhD, Yoshito Iida, MD, PhD, Seiichirou Yoshikawa, MD, PhD, Masakazu Ouchi, MD, PhD, Yoshitomo Itou, MD, PhD, Yoshinori Hirasaki, MD, PhD, Daisuke Azuma, MD, Shintaro Kohama, MD, Jun Nomoto, MD; Department of Surgery, Juntendo Urayasu Hospital, Juntendo University

**V016 LAPAROSCOPIC RESECTION OF A NEUROENDOCRINE TUMOR OF THE COMMON BILE DUCT WITH HEPATICODUODENOSTOMY** Steven S Rothenberg, MD, FACS, FAAP, Ted Stathos, FAAP; The Rocky Mountain Hospital for Children

**V017 LAPAROSCOPIC TYPE I CHOLEDOCHAL CYST EXCISION AND HEPATICODUODENOSTOMY IN A 4 YEAR OLD CHILD** C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, S Rajapandian, MS, R Sridhar, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

**V018 TOTAL LAPAROSCOPIC LIVING DONOR RIGHT HEPATECTOMY: WORLD FIRST REPORT** Ho-Seong Han, Jai Young Cho, Yoo-Seok Yoon, Dae Wook Hwang, Young Ki Young Ki Kim, Hong Kyung Shin, Woohyung Lee; Seoul National University Bundang Hospital, Seoul National University College of Medicine

**V019 LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR WITH COLLIS GASTROPLASTY AND DIAPHRAGMATIC RELAXING INCISION** Geoffrey Chow, MD, Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

**V020 LAPAROSCOPIC PARAESOPHAGEAL HERNIA WITH FALCIFORM LIGAMENT BUTTRESS** Raymond Laird, DO, Fred Brody, MD, MBA, FACS; The George Washington University Medical Center

**V021 LAPAROSCOPIC TOTAL GASTRECTOMY WITH D2 LYMPHADENECTOMY IN AN OBESE PATIENT WITH INTRACORPOREAL ANASTOMOSIS** Leonardo Ferraz, MD, Thiago Boechat, MD, Marcio Balieiro, MD, Baltazar Fernandes, MD, Jose Ribamar S Azevedo, MD, PhD, FACS; Bonsucesso Federal Hospital / Rio de Janeiro - Brazil

7:30AM - 8:30AM

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

## Concurrent Session SS4 NOTES/Transanal

BALLROOM A-D

**Moderators: Michael Marohn, MD & Michael McGee, MD**

**S010 TRICKS TO DECREASE THE SUTURE LINE DEHISCENCE RATE DURING ENDOLUMINAL LOCOREGIONAL RESECTION (ELRR) BY TRANSANAL ENDOSCOPIC MICROSURGERY (TEM)** Emanuele Lezoche, MD, FACS, Silvia Quaresima, MD, Andrea Balla, MD, Giancarlo D'Ambrosio, MD, Alessandro M Paganini, MD, PhD, FACS; Department of General Surgery, Surgical Specialties and Organ Transplantation "Paride Stefanini", Sapienza University of Rome, Italy

**S011 NATURAL ORIFICE SPECIMEN EXTRACTION IN LAPAROSCOPIC COLORECTAL SURGERY: TRANSVAGINAL SPECIMEN EXTRACTION** Miguel A Hernandez, MD, Morris E Franklin, MD, FACS, Zandor Del Real Romo, MD, Guillermo Peralta, MD, Denisse L Sepulveda, MD, David Martinez, MD; Texas Endosurgery Institute

**S012 TRANSPERINEAL NOTES-INSPIRED APPROACH TO THE TOTAL MESORECTAL EXCISION (TME) IN PATIENTS WITH RECTAL NEOPLASIA A PRELIMINARY EXPERIENCE** Elie K Chouillard, MD, PhD; Department of General Surgery, POISSY SAINT GERMAIN MEDICAL CENTER

**V022 ENDOSCOPIC RESCUE OF DISLODGED TRANS-ABDOMINAL DECOMPRESSIVE ESOPHAGOSTOMY TUBE** Ryan M Juza, MD, Tung T Tran, MD, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

**V023 ENDOSCOPIC PER-ORAL PYLOROMYOTOMY (POP)** Eran Shlomovitz, MD, Christy M Dunst, MD, Radu Pescarus, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Lee L Swanstrom, MD; Providence Portland Medical Center, The Oregon Clinic





Friday, April 4, 2014

7:30AM - 8:30AM

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

## Concurrent Session SS5 Quick Shots 1

BALLROOM E-H

**Moderators:** Peter Marcello, MD & Brian Jacob, MD

**S013 SINGLE-INCISION PEDIATRIC ENDOSURGERY (SIPES) SPLENECTOMY: WHAT DICTATES THE NEED FOR ADDITIONAL PORTS?** Aaron D Seims, MD, Robert T Russell, MD, Elizabeth A Beierle, MD, Mike K Chen, MD, Scott A Anderson, MD, Colin A Martin, MD, Carroll M Harmon; Children's of Alabama

**S014 IMPACT OF PREVIOUS MIDLINE LAPAROTOMY ON THE OUTCOMES OF LAPAROSCOPIC INTESTINAL RESECTIONS: A CASE-MATCHED STUDY** Erman Aytac, Luca Stocchi, Julie DeLong, Meagan M Costedio, Emre Gorgun, Hermann Kessler, Feza H Remzi; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

**S015 IMPACT OF AN ENHANCED RECOVERY PATHWAY FOR COLORECTAL SURGERY ON QUALITY OF LIFE AFTER HOSPITAL DISCHARGE** Lawrence Lee, MD, MSc, Juan Mata, MD, Berson Augustin, Gabriela A Ghitulescu, MD, A S Liberman, MD, Patrick Charlebois, MD, Carol-Ann Vasilevsky, MD, Nancy Morin, MD, Franco Carli, MD, Liane S Feldman, MD; McGill University Health Centre; Sir Mortimer B. Davis Jewish General Hospital

**S016 LIQUID-INJECTION FOR PREPERITONEAL DISSECTION OF TRANSABDOMIAL PREPERITONEAL(TAPP) INGUINAL HERNIA REPAIR** Tomoko Mizota, MD, Norihiro Takemoto, MD, PhD, Saseem Poudel, MD, Yusuke Watanabe, MD, Yo Kurashima, MD, PhD, Yuji Miyasaka, MD, PhD; NTT East Sapporo Hospital, Department of Gastroenterological Surgery II Hokkaido University Graduate School of Medicine

**S017 ROBOTIC LEFT COLON CANCER RESECTION: DUAL DOCKING TECHNIQUE FOR SPLENIC FLEXURE MOBILIZATION** Se Jin Baek, Chang Woo Kim, Min Soo Cho, Hyun A Jang, Hyuk Hur, Seung Hyuk Baik, Nam Kyu Kim, Byung Soh Min, Sung Uk Bae; Yonsei University College of Medicine

**S018 COST ANALYSIS COMPARING INTRAOPERATIVE FLUORESCENT CHOLANGIOGRAPHY WITH FLUOROSCOPIC CHOLANGIOGRAM** Fernando Dip, MD, Domenech Asbun, MS, Armando Rosales-Velderrain, MD, Emanuele Lo Menzo, MD, PhD, Conrad H Simpfendorfer, MD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

**S019 24-HOUR MULTICHANNEL INTRALUMINAL IMPEDANCE-PH MONITORING MAY BE AN INADEQUATE TEST FOR DETECTING GASTROESOPHAGEAL REFLUX IN PATIENTS WITH MIXED TYPICAL AND ATYPICAL SYMPTOMS** Michelle S Han, MD, Michal J Lada, MD, Dylan R Nieman, MD, PhD, Andreas Tschoner, MD, Christian G Peyre, MD, Carolyn E Jones, MD, Thomas J Watson, MD, Jeffrey H Peters, MD; University of Rochester, Department of Surgery

**S020 PROFICIENCY TRAINING ON A VIRTUAL REALITY ROBOTIC SURGICAL SKILLS CURRICULUM** Justin D Bric, BS, Michael J Connolly, BS, Matthew I Goldblatt, MD, Andrew S Kastenmeier, MD, Jon C Gould, MD; Department of Surgery, Division of General Surgery, Medical College of Wisconsin

**S021 LONG-TERM FOLLOW UP AFTER LAPAROSCOPIC ANTI-REFLUX SURGERY IN PATIENTS WITH BARRETT'S ESOPHAGUS** Ellen H Morrow, MD, Daniel Bushyhead, BA, Eelco Wassenaar, MD, Marcelo Hinojosa, MD, Maximiliano Loviscek, MD, Carlos Pellegrini, MD, Brant Oelschlager, MD; University of Washington

**S022 EVALUATION OF THE LEARNING CURVE OF TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: COMPARISON OF THE LAPAROSCOPIC AND ROBOTIC APPROACHES** Hyejin Kim, MD, Gyu-seog Choi, MD, PhD, Junseok Park, MD, PhD, Sooyeon Park, MD; Colorectal Cancer Center, Kyungpook National University Medical Center, School of Medicine, Kyungpook National University

**S023 THE BUSINESS ENGINEERING SURGICAL TECHNOLOGIES (BEST) TEACHING METHOD: INCUBATING TALENTS FOR SURGICAL INNOVATION** Vivian De Ruijter, Peter Halvax, MD, Bernard Dallemagne, MD, Lee Swanstrom, MD, Jacques Marescaux, MD, Silvana Perretta, MD; IRCAD-IHU, University of Strasbourg, France

**S024 DOES THE COST OF ROBOTIC CHOLECYSTECTOMY TRANSLATE TO A FINANCIAL BURDEN?** Sharona Ross, MD, Richard Klein, Carrie Ryan, MS, Paul Toomey, MD, Prashant Sukhramwala, MD, Alexander Rosemurgy, MD; Florida Hospital Tampa; Tampa, Florida

**S025 SURGICAL OUTCOMES AFTER INSERTION OF GASTRIC NEUROSTIMULATOR FOR REFRACTORY GASTROPARESIS-A SINGLE INSTITUTION'S EXPERIENCE** Ihab Saab, MD, Kellie McFarlin, MD; Henry Ford Hospital

**S026 MINILAPAROSCOPIC CHOLECYSTECTOMY: THE LESSONS LEARNED AFTER 13 YEARS OF EXPERIENCE AND 1.750 CASES** Diego Laurentino Lima, MD, Gildo O Passos Junior, MD, Juscielle S Barros, Yukie C Konishi, Ingrid L V. Rodrigues, Frederico W C. Silva, MD, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

**S027 THE UTILIZATION OF LAPAROSCOPY IN VENTRAL HERNIA REPAIR: AN UPDATE OF OUTCOMES ANALYSIS USING ACS-NSQIP DATA** Chetan Aher, MD, Shaun Daly, MD, Daniel J Deziel, MD, Keith W Millikan, MD, Jonathan A Myers, MD, Minh B Luu, MD; Department of Surgery Rush University Medical Center

**S028 PREOPERATIVE FUNCTIONAL HEALTH STATUS PREDICTS OUTCOMES AFTER ELECTIVE COLORECTAL SURGERY FOR MALIGNANCY** Nuri Okkabaz, MD, Jeffrey P Hammel, MS, Feza H Remzi, MD, Emre Gorgun, MD; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic

**S029 AGE, GENDER, AND VITAMIN D USE PREDICT REGRESSION OF BARRETT'S ESOPHAGUS - RESULTS FROM A RETROSPECTIVE COHORT OF 2563 PATIENTS** Craig S Brown, Chi Wang, PhD, Jay L Goldstein, MD, John G Linn, MD, Ervin W Denham, MD, Stephen P Haggerty, MD, Mark S Talamonti, MD, John A Howington, MD, Michael B Ujiki, MD; NorthShore University Health Systems, Pritzker School of Medicine at the University of Chicago

**S030 QUALITY IMPROVEMENT THROUGH SOCIAL MEDIA: AN INITIAL LOOK AT THE INTERNATIONAL HERNIA COLLABORATION FACEBOOK™ GROUP** Patricia C Chui, MD, Brian P Jacob, MD; Mount Sinai Medical Center, NYC

**S031 RETENTION OF FUNDAMENTALS OF LAPAROSCOPIC SURGERY (FLS) PROFICIENCY WITH A BIENNIAL MANDATORY TRAINING SESSION** Lindsay Wenger, MD, Cory Richardson, MD, Shawn Tsuda, MD, FACS; University of Nevada School of Medicine

SAGES 2014

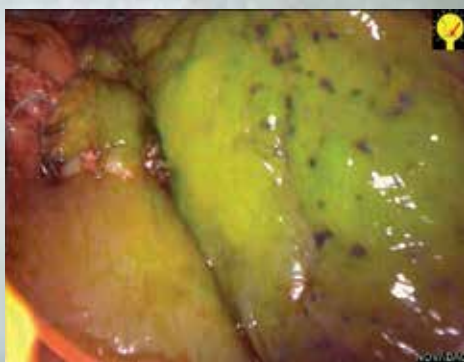
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SAGES 2014

Scientific Session & Postgraduate Courses

Friday, April 4, 2014

7:30 AM - 8:30 AM

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

## SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up With Our Japanese Colleagues?

EXHIBIT HALL D



Session Chair: Manabu Yamamoto, MD, PhD; Session Co-Chair: Lee L. Swanstrom, MD

### SESSION DESCRIPTION

Endoscopic Submucosal Dissection (ESD) was developed in 1996 in Japan and has subsequently expanded its indications. ESD is a minimally invasive therapy for benign/selected malignant tumors and an important bridge to more radical surgery. In this panel, attendees can update their knowledge of ESD by seeing techniques and indications from the world's leading surgical endoscopists and understand its role in clinical care of early GI cancers.

### SESSION OBJECTIVES

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

- Articulate indications for ESD
- Discuss ESD technologies and its role in clinical care
- Identify potential complications and how to avoid/treat them

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
7:30AM	ESD for Esophageal Lesions	Haruhiro Inoue, MD, PhD
7:38AM	Prevention and Treatment of ESD Strictures in the Esophagus	Christy Dunst, MD
7:46AM	ESD for Stomach	Kazuki Sumiyama, MD
7:54AM	New Technologies to Facilitate ESD	Lee Swanstrom, MD
8:02AM	ESD for Colon	Yutaka Saito, MD
8:10AM	A Primer for Introducing ESD into a Surgical Practice	Richard Whelan, MD
8:18AM	Q&A	Panel

### LEARNING THEMES

- C** Colorectal
- FE** Flex Endo
- FOR** Foregut
- NS** New technologies/Skill acquisition

Friday, April 4, 2014

8:30AM - 10:00AM

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

## SS6 Plenary Session 1

EXHIBIT HALL D

**Moderators: L. Michael Brunt, MD & Mario Morino, MD**

**S032 A SYSTEMATIC REVIEW OF SYNTHETIC AND BIOLOGIC MATERIALS FOR ABDOMINAL WALL REINFORCEMENT IN CONTAMINATED FIELDS** Lawrence Lee, MD, MSc, Juan Mata, MD, Tara Landry, MLIS, Kosar A Khwaja, MD, MBA, Melina C Vassiliou, MD, MEd, Gerald M Fried, MD, Liane S Feldman, MD; McGill University Health Centre

**S033 SYMPTOMATIC AND PHYSIOLOGIC OUTCOMES AT ONE-YEAR AFTER PERORAL ESOPHAGEAL MYOTOMY (POEM)** Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Byron F Santos, MD, Fahd O Arafat, MD, John E Pandolfino, MD, Peter J Kahrilas, MD, Ikuo Hirano, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

**S034 DOES SIMULATION IMPROVE LEARNING OF THE FUNDAMENTAL USE OF SURGICAL ENERGY™ (FUSE) CURRICULUM? A RANDOMIZED-CONTROLLED TRIAL IN SURGICAL TRAINEES** A Madani, MD, Y Watanabe, MD, Mc Vassiliou, MD, P Fuchshuber, MD, Db Jones, MD, S Schwaitzberg, MD, Gm Fried, MD, Ls Feldman, MD; McGill University, Montreal, Canada; Kaiser Medical Center, Walnut Creek, CA, USA; Beth Israel Deaconess Medical Center, Boston, MA, USA; Cambridge Health Alliance, Cambridge, MA, USA

**S035 FACTORS LEADING TO A HIGHER CONVERSION RATE AFTER LAPAROSCOPIC RECTAL CANCER SURGERY AND ITS IMPACT ON MORBIDITY AND MORTALITY** Mhgm van der Pas, MD, Gsa Abis, MD, Es de Lange, PhD, Ma Cuesta, PhD, HJ Bonjer, PhD, Color li Studygroup; Department of Surgery, Maastricht university Medical Center, the Netherlands and Department of Surgery, VU University Medical Center Amsterdam, The Netherlands

**S036 COMPARISON OF LONG-TERM MORTALITY (>8 YEARS) OF 7,862 BARIATRIC PATIENTS TO THE GENERAL POPULATION IN NEW YORK STATE** Dana A Telem, MD, Maria Altieri, MD, Jie Yang, PhD, Qiao Zhang, MS, Wendy L Patterson, MPH, Brittany D Peoples, MS, Gerald Gracia, MD, A. Laurie Shroyer, PhD, MSHA, Aurora D Pryor, MD; Stony Brook Medicine, New York State Department of Health Office of Quality and Patient Safety

**V024 LAPAROSCOPIC MAJOR VENOUS RESECTION DURING PANCREATODUODENECTOMY** Nicholas V Gaudet, MD, Michael L Kendrick, MD; Mayo Clinic College of Medicine

**V025 SLEEVE ESOPHAGEAL ENDOSCOPIC MUCOSECTOMY "SEEM"** Ahmed Sharata, MD, Christy M Dunst, MD, Radu Pescarus, MD, Eran Shlomovitz, MD, Ashwin Kurian, MD, Kevin M Reavis, MD, Lee L Swanstrom, MD; Providence Portland Medical Center, The Oregon Clinic

*SAGES acknowledges our Diamond Level Donors for their support of this session: Covidien.*

9:30AM - 4:00PM

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

## Exhibits, Poster Session, and Learning Center Open

EXHIBIT HALL A-C

10:00 AM - 10:45 AM

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

## Presidential Address: "Connecting in the Digital Age"

EXHIBIT HALL D



**Gerald M. Fried, MD**

### SESSION DESCRIPTION

Dr. Gerald Fried is the Edward W. Archibald Professor and Chairman of the Department of Surgery at McGill University, and Surgeon-in-Chief and Director of the Surgical Mission at McGill University Health Centre. Dr. Fried has been a member of SAGES Board of Governors since 2003, and was previously 1st Vice President & Treasurer. Considered one of the "godfathers" of SAGES Fundamentals programs, he chaired the SAGES FLS Committee and currently chairs the SAGES/ACS FLS Joint Committee. He is a Regent of the American College of Surgeons, and a Past-President of the Canadian

Association of General Surgeons, as well as of Central Surgical Association. He served as co-President of the 2010 World Congress of Endoscopic Surgery, and sits on the Board of several surgical societies, including SSAT and ISDS. He is known to his SAGES colleagues as a strong leader, great diplomat, trusted friend, loving family man and SAGES official Sommelier.

The address is directed to all those attending the SAGES annual meeting. The lecture will address the role of specialty societies and the value to those at various stages of their careers.

### SESSION OBJECTIVES

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

- Recognize the opportunities in a surgical career
- Optimize the value of SAGES to them personally
- Better engage themselves in SAGES

### LEARNING THEME

**PE** Professional/Economic



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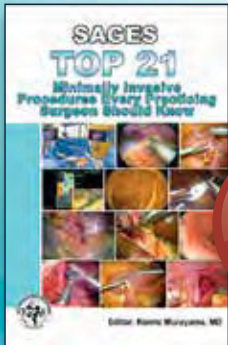




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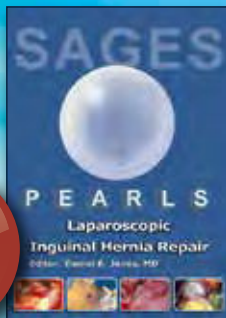
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| 3: Laparoscopic Cholecystectomy              | 14: Laparoscopic Roux-en-Y Gastric Bypass                     |
| 4: Laparoscopic CBDE                         | 15: Laparoscopic Adjustable Gastric Band                      |
| 5: Laparoscopic Nissen Fundoplication        | 16: Laparoscopic Ultrasound                                   |
| 6: Laparoscopic Paraesophageal Hernia Repair | 17: Laparoscopic Distal Pancreatectomy                        |
| 7: Laparoscopic Heller Myotomy               | 18: Laparoscopic Liver Biopsy and Resection                   |
| 8: Laparoscopic Inguinal Hernia Repair       | 19: Laparoscopic Esophagectomy                                |
| 9: Laparoscopic Ventral Hernia Repair        | 20: Laparoscopic Gastric Resection                            |
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| 11: Laparoscopic Adrenalectomy               |   |

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Friday, April 4, 2014

10:45AM - 11:30AM

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



## Gerald Marks Lecture – “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”

EXHIBIT HALL D



**Amitai Ziv, MD, MHA**

### SESSION DESCRIPTION

The lecture will discuss how simulation-based education can advance the much needed cultural change in quality care and patient safety. It will discuss trends, barriers and challenges of simulation-based education at large and surgical education in particular, as they become more recognized tools in health professionals' training and assessment.

Prof. Ziv is Deputy Director of the Sheba Medical Center at Tel Hashomer, Israel, responsible for Patient Safety and Risk Management; he is also founder and Director of MSR - the Israel Center for Medical Simulation. He was a veteran combat pilot and instructor in the Israeli Air-Force and trained as a Pediatrician in Israel (Hebrew University - Hadassah Medical Center) with sub-specialties in Adolescent Medicine (University of Pennsylvania, USA) and in Medical Management, and a Masters degree (Tel-Aviv University) in Health Administration.

Prof. Ziv is a Clinical Associate Professor and Chairman of the Department of Medical Education at the Tel Aviv University Sackler Medical School. He also holds an Adjunct Associate Professor position at Mayo Clinic (Medical Education) and at Case Western Reserve University (Pediatrics).

### SESSION OBJECTIVES

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

- Recognize the current status, trends, barriers and challenges in simulation-based medical education
- Identify the potential power of simulation-based education in changing patient safety and quality care culture in healthcare at large and in the surgical field in particular
- Identify opportunities in their own healthcare environment where simulation-based training can be applied in a more effective and systematic manner in order to improve patient safety and quality care

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

*Diamond: Covidien*

*Platinum: Ethicon, Ferring Pharmaceuticals, Karl Storz Endoscopy, Olympus*

### LEARNING THEMES

**AE** Academic/Educational

**NS** New technologies/Skill acquisition

11:30AM - 12:30PM

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

## Concurrent Session SS7 Education/Simulation

BALLROOM A-D

**Moderators: Richard Satava, MD & E. Matthew Ritter, MD**

**S037 HYPNOSIS INDUCED MENTAL TRAINING IMPROVES PERFORMANCE ON THE FUNDAMENTALS OF LAPAROSCOPIC SURGERY SIMULATOR** Gideon Sroka, MD, MSc, Monica Laniado, MD, Zahi Arnon, PhD, Elad Schief, MD, Ibrahim Matter, MD; Department of General Surgery<sup>1</sup>, Complementary & Alternative Medicine Services<sup>2</sup> Bnai-Zion Medical Center, Haifa, Israel

**S038 DIFFERENCES IN GAZE BEHAVIOUR OF EXPERT AND NOVICE SURGEONS PERFORMING OPEN INGUINAL HERNIA REPAIR** Tony Tien, Philip Pucher, Mikael Sodergren, Kumuthan Sriskandarajah, Guang-Zhong Yang, Ara Darzi; Imperial College London Department of Surgery and Cancer at St. Mary's Hospital

**S039 CAMERA NAVIGATION AND CANNULATION: VALIDITY EVIDENCE FOR 2 NEW TASKS** Y. Watanabe, MD, E Bilgic, E M Ritter, MD, S Schwaitzberg, MD, P A Kaneva, MSc, K I Hoffman, PhD, J R Korndorffer, MD, D J Scott, MD, A Okrainec, MD, M T Odonnell, MD, L S Feldman, MD, G M Fried, MD, M C Vassiliou, MD; McGill University Health Centre, Tulane University, Uniformed Services University/Walter Reed Medical Simulation Center, University of Southern California, University of Texas Southwestern Medical Center, University of Toronto

**S040 THE SUCCESSFUL DEVELOPMENT AND IMPLEMENTATION OF A NOVEL, BILIARY SURGICAL SIMULATION PATHWAY TRAINING CURRICULUM** Joseph M Buchholz, BS, Charles M Vollmer, MD, Kiyoyuki W Miyasaka, MD, Denise LaMarra, MS, Noel N Williams, MB, BCh, MCh, FRCSI, FRCS, Jon B Morris, MD, Rajesh Aggarwal, MD, PhD, MA, FRCS; Perelman School of Medicine at the University of Pennsylvania

**S041 VALIDATION OF A NOVEL, LOW-COST SIMULATOR FOR LAPAROSCOPIC HIATAL HERNIA REPAIR AND FUNDOPLICATION** J Babowice, P Suarez, W Denham, J Linn, S Haggerty, R Tanaka, M Gitelis, J Carbray, M Ujiki; NorthShore University HealthSystem

**S042 FLS SKILL ACQUISITION: A COMPARISON OF BLOCKED VERSUS INTERLEAVED PRACTICE** Steven B Goldin, MD, PhD, Gregory T Horn, BA, Michael J Schnaus, BA, Mark Grichanik, BA, Adam Ducey, BA, Charles Nofsinger, MD, David Hernandez, MD, Murray Shames, MD, Mark Zakaria, MD, Michael T Brannick, PhD; University of South Florida

**S043 CONSTRUCT VALIDITY AND POSSIBLE EDUCATIONAL ROLE FOR MOTION ANALYSIS IN A LAPAROSCOPIC TRAINER** Maeve O'Neill Trudeau, MD, Ahmed Nasr, MD, FRCSC, Brian Carrillo, PhD, J. Ted Gerstle, MD, FRCSC, FACS, FAAP, Georges Azzie, MD, FRCSC; Dept of Surgery, University of Toronto, Toronto ON Canada. Centre for Image Guided Innovation & Therapeutic Intervention, Hospital for Sick Children, Toronto. Dept of Surgery, University of Ottawa, Children's Hospital of Eastern Ontario, Ottawa ON Canada



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Friday, April 4, 2014

11:30AM - 12:30PM

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



## Concurrent Session SS8 Outcomes

BALLROOM E-H

**Moderators: Christopher Schlachta, MD & Michael Holzman, MD**

### **S044 COMPARISON OF CLINICAL OUTCOMES OF LAPAROSCOPIC CHOLECYSTECTOMY DONE WITH SURGICAL ENERGY VERSUS DONE WITHOUT SURGICAL ENERGY : A PROSPECTIVE RANDOMIZED CONTROL STUDY**

Brij B Agarwal, MD, Karan Goyal, MBBS, Nayan Agarwal, Krishna A Agarwal, MBBS, M K Gupta, Sheikh M Mustafa, Himanshu Pandey, Satish Saluja, MD; Ganga Ram Institute for Post-Graduate Medical Education & Research, Sir Ganga Ram Hospital, University College of Medical Sciences, Vardhaman Mahavir Medical College & Dr. Agarwal's Surgery, New Delhi, India

### **S045 HOSPITAL ACQUIRED CONDITIONS AFTER BARIATRIC SURGERY: WE CAN PREDICT, BUT CAN WE PREVENT?**

Anne O Lidor, MD, MPH, Miloslawa Stem, MS, Erin Moran-Atkin, MD, Thomas H Magnuson, MD, Kimberley E Steele, MD, Hien Nguyen, MD, Michael A Schweitzer, MD; Department of Surgery, Johns Hopkins University School of Medicine

### **S046 IMPROVED SURVIVAL FOLLOWING MINIMALLY INVASIVE OESOPHAGECTOMY COMPARED TO OPEN**

SURGERY Oliver C Burdall, James Fullick, Alexander P Boddy, Jane Blazeby, Richard Krysztopik, Christopher Streets, Andrew Hollowood, Christopher P Barham, Daniel R Titcomb; Bristol Royal Infirmary

### **S047 MEDICAL TOURISM AND OBESITY SURGERY: WHO PAYS? Caroline E Sheppard, BSc, Erica Lester, BSc, MD, David**

Kim, BSc, Daniel W Birch, MSc, MD, FRCSC, Shahzeer Karmali, MD, FRCSC, FACP, Christopher J de Gara, MB, MS, FRCS, Ed, Eng, C, FACS; University of Alberta, Centre for the Advancement of Minimally Invasive Surgery

### **S048 COMPARISON OF OPEN VERSUS MINIMALLY INVASIVE ESOPHAGECTOMY FROM THE UHC DATABASE Anton**

Simorov, MD, Tiffany N Tanner, MD, Rudy P Lackner, MD, Karin P Trujillo, MD, Dmitry Oleynikov, MD, FACS, Mark A Carlson, MD, FACS; Department of Surgery, University of Nebraska Medical Center, Omaha NE

### **S049 THROMBOEMBOLIC EVENTS IN BARIATRIC SURGERY: THE CLEVELAND CLINIC EXPERIENCE Mohammad H Jamal,**

MD, MEd, FRCSC, Hideharu Shimizu, MD, Stacy Brethauer, MD, FACS, Mathew Kroh, MD, FACS, Biban Chand, MD, FACS, Philip Schauer, MD, FACS; CLEVELAND CLINIC

### **S050 A COMPREHENSIVE PROCESS FOR DISCLOSING AND MANAGING CONFLICTS OF INTEREST REDUCED**

**PERCEIVED BIAS AT THE SAGES ANNUAL MEETING** Steven C Stain, MD, Erin Schwarz, Phillip Shadduck, MD, Paresh Shah, MD, Sharona B Ross, MD, Patricia Sylla, MD, Yumi Hori, C D Smith, MD; Albany Medical College, Albany, NY; BSC Management, Los Angeles CA; Duke Regional Hospital, Durham NC; New York University, NY NY; Florida Hospital Tampa, Tampa FL, Massachusetts General Hospital, Boston MA, Mayo Clinic Jacksonville, Jacksonville FL

### **S051 BILE DUCT INJURY PREVENTION REQUIRES A NEW NATIONAL TRAINING PARADIGM DESPITE SUCCESSFUL DEPLOYMENT OF FLS**

Steven D Schwaitzberg, MD, Daniel J Scott, MD, Daniel B Jones, MD, Sophia K McKinley, BA, EdM, Johanna Castrillion, MD, Tina Hunter, PhD, L. Michael Brunt, MD; Harvard Medical School, UT Southwestern School of Medicine, S2 Statistical Solutions, Washington University School of Medicine

11:30AM - 12:30PM

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

## Concurrent Session SS9 Metabolic/Obesity 1

EXHIBIT HALL D

**Moderators: Leena Khaitan, MD & Raul Rosenthal, MD**

### **S052 A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL ASSESSING THE EFFICACY OF OMENTOPEXY DURING LAPAROSCOPIC SLEEVE GASTRECTOMY IN REDUCING POSTOPERATIVE GASTROINTESTINAL SYMPTOMS**

Cheguevara Afaneh, MD, Ricardo Costa, BS, Alfons Pomp, MD, Gregory Dakin, MD; New York-Presbyterian Hospital/Weill Cornell Medical Center

### **S053 MORBIDITY AND MORTALITY IN BARIATRIC SURGERY USING AGE AND BMI STRATIFICATION- A NSQIP**

**DATA STUDY** Aliu Sanni, MD, Sebastian Perez, MPH, Rachel Medbery, MD, Hernan Urrego, MD, Craig McCready, MD, Juan Toro, MD, Ankit Patel, MD, Arvin Singh, MD, Jahnvi Srinivasan, MD, Barbara Pettitt, MD, Edward Lin, DO, John Sweeney, MD, Scott Davis, MD; Department of General & GI Surgery, Emory University Hospital

### **S054 SIX MONTH OUTCOMES IN PATIENTS EXPERIENCING WEIGHT GAIN AFTER GASTRIC BYPASS WHO**

**UNDERWENT GASTROJEJUNAL REVISION USING AN ENDOLUMINAL SUTURING DEVICE** M Gitelis, M Ujiki, L Farwell, J Linn, K Miller, C Burnett, J Carbray, S Haggerty, W Denham; NorthShore University HealthSystem

### **S055 HOSPITAL ADMISSIONS GREATER THAN 30 DAYS FOLLOWING BARIATRIC SURGERY: PATIENT AND**

**PROCEDURE MATTER** Dana A Telem, MD, Wendy L Patterson, MPH, Brittany D Peoples, MS, Maria Altieri, MD, Gerald Gracia, MD, Jie Yang, PhD, Qiao Zhang, MS, Aurora D Pryor, MD; Stony Brook Medicine, New York State Department of Health Office of Quality and Patient Safety

### **S056 PRESENCE OF HLEICOBACTER PYLORI IS NOT ASSOCIATED WITH LATE ANASTAMOTIC COMPLICATIONS IN**

**GASTRIC BYPASS PATIENTS** John J Kelly, MD, Richard A Perugini, MD, Lisa Q Wang, MD, Thomas Tomczyk, MD, Julie Flahive, MS; University of Massachusetts Medical Center

### **S057 PREOPERATIVE UPPER ENDOSCOPY SHOULD BE STANDARD OF CARE FOR PATIENTS UNDERGOING**

**BARIATRIC SURGERY** Kshitij Kakar, MD, Vikas Singhal, MD, Leena Khaitan, FACS; UNIVERSITY HOSPITALS- CASE MEDICAL CENTER, CLEVELAND

### **V026 TOTALLY ROBOTIC BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH**

Ranjan Sudan, MD, Erica R Podolsky, MD; Duke University Medical Center



Friday, April 4, 2014

11:30AM - 12:30PM

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

## Concurrent Session SS10 Basic Science

BALLROOM J

**Moderators:** Leandro Cavazzola, MD & Masaaki Ito, MD

**S058 DIMETHYL FUMARATE AMELIORATES L-ARGININE INDUCED ACUTE AND CHRONIC PANCREATITIS** Lourdes Y. Robles, MD, Nosratola Vaziri, MD, MACP, Shiri Li, MD, PhD, Chie Takasu, MD, PhD, Kelly Vo, Michael Stamos, MD, Hirohito Ichii, MD, PhD; University of California, Irvine

**S059 MINIMALLY INVASIVE COLORECTAL RESECTION IS ASSOCIATED WITH SIGNIFICANTLY ELEVATED LEVELS OF PLASMA MATRIX METALLOPROTEINASE 3 (MMP3) DURING THE FIRST MONTH AFTER SURGERY WHICH MAY PROMOTE THE GROWTH OF RESIDUAL METASTASES** H.m.c Shantha Kumara, PhD, Xiaohong Yan, PhD, Hiromichi Miyagaki, MDPhD, Sahani De Silva, Vesna Cekic, RN, Richard L Whelan, MD; Division of Colon and Rectal Surgery, Department of Surgery, St Luke's-Roosevelt Hospital Center, Suite 7B, 425 West, 59th Street, New York, NY 10019, USA; Department of Gastroenterological surgery, Graduate school of Medicine, Osaka University.

**S060 REAL-TIME NAVIGATION BY FLUORESCENCE-BASED ENHANCED REALITY FOR PRECISE ESTIMATION OF FUTURE ANASTOMOTIC SITE IN DIGESTIVE SURGERY** Michele Diana, MD, Pierre Diemunsch, MD, PhD, Yoshihiro Nagao, MD, Peter Halvax, MD, Anne-Laure Charles, MD, PhD, Bernard Geny, MD, PhD, Bernard Dallemagne, MD, Vincent Agnus, PhD, Luc Soler, PhD, Nicolas Demartines, MD, FACS, FRCS, Didier Mutter, MD, PhD, FACS, Jacques Marescaux, MD, FACS, HON, FRCS, HON, FJSES; 1) IRCAD/IHU, Digestive and Endocrine Surgery, University of Strasbourg 2) Anaesthesiology, University of Strasbourg, 3) Physiology and Oxydative Stress Laboratory, University of Strasbourg 4) Visceral Surgery, University Hospital Lausanne, Switzerland

**S061 HYPOPHARYNGEAL PEPSIN AND SEP70 AS DIAGNOSTIC MARKERS OF LARYNGOPHARYNGEAL REFLUX** Yoshihiro Komatsu, MD, Lori A Kelly, BS, Ali H Zaidi, MD, Christina L Rotoloni, BS, Juliann E Kosovec, BS, Katie Nega, BA, Toshitaka Hoppe, MD, PhD, Blair A Jobe, MD, FACS; Institute for the Treatment of Esophageal and Thoracic Disease, Allegheny Health Network, Pittsburgh, Pennsylvania

**S062 TISSUE STORAGE EX VIVO SIGNIFICANTLY INCREASES VASCULAR FUSION BURSTING PRESSURE** James D Cezo, PhD, Eric A Kramer, MS, Jonathan A Schoen, MD, Virginia L Ferguson, PhD, Mark E Rentschler, PhD; University of Colorado at Boulder

**S063 SELF-ASSEMBLING BIOMIMETIC HYDROGELS WITH BIOADHESIVE PROPERTIES FOR TISSUE ENGINEERING APPLICATIONS** Bryan A Johnson, MD, Jennifer Vernengo, PhD, Jennifer Kadowec, PhD, Christine Ifode, PhD; Cooper University Hospital of Rowan University, Rowan University Department of Engineering

SAGES 2014

Scientific Session & Postgraduate Courses

Friday, April 4, 2014

12:30 PM - 1:30 PM

\*Lunch: Separate Fee Applies

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

## Fellowship Council Luncheon "Strategies for Overcoming the Financial Challenges Facing the Fellowship Council"

*SAGES does not offer CME for this session*

Session Chair: Samer G. Mattar, MD; Session Co-Chair: Bruce D. Schirmer, MD

### SESSION DESCRIPTION

The luncheon is dedicated to fellowship program directors, surgical educators, program administrators, industry leaders, and all other stakeholders within the realm of advanced surgical education. At least 80% of graduating surgical residents seek fellowship training and this trend is expected to continue. These fellowships provide much needed specialized training that ultimately prepares graduates for the demands of the surgical marketplace. Most of these fellowships have been financially sponsored by the Foundation for Surgical Fellowships (FSF). However a major threat to sustaining these programs is the potential decrease in traditional funding donors or actual funds to the FSF. Therefore, it is imperative that alternative donors or funding strategies be considered.

### SESSION OBJECTIVES

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

- Articulate the current financial threats to sustaining viable and effective FC- accredited fellowship programs
- Assess and compare a variety of currently utilized financial models for supporting existing fellowship programs
- Develop alternate resources for financial support of FC accredited programs to be implemented if necessary

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
12:30PM	Introductions	Samer G. Mattar, MD
12:35PM	The Fellow Billing Model	Maurice Arregui, MD
12:45PM	The Hospital Reimbursement Model	Jeffrey Hazey, MD
12:55PM	The Role of Industry in Supporting Fellowships	Matt Fahy
1:05PM	Funding Strategies Within the FSF	Greg Stiegmann, MD
1:15PM	Discussion	

### LEARNING THEME

**PE** Professional/Economic



ROOM 250



SAGES 2014

Scientific Session & Postgraduate Courses

## Congratulations, Winners of SAGES Medical Student Travel Award

**On behalf of the SAGES Board of Governors, we are proud to congratulate the three winners of the SAGES 2014 Medical Student Travel Award.**

The winners are:

**Priscilla Sugianto**, 2<sup>nd</sup> year medical student, Stanford University School of Medicine

**Oren Shaked**, 4<sup>th</sup> year medical student, Perelman School of Medicine at the University of Pennsylvania

**Eric Petersen**, 3<sup>rd</sup> year medical student, University of Colorado School of Medicine

140 medical students from across the United States and Canada submitted essays for 3 scholarships which includes; registration for the SAGES Annual Meeting in Salt Lake City, Utah, a check for \$2,000, and an award certificate.

Winners will also receive mentoring from members of the SAGES Membership Committee during the meeting.





**SAGES 2014**

Scientific Session & Postgraduate Courses

# Friday, April 4, 2014

1:30 PM - 5:30 PM

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

## Postgraduate Course: Humanitarian

**ROOM 150 D**

**Session Chair: Adrian Park, MD; Session Co-Chair: Raymond Price, MD**

### SESSION DESCRIPTION

This session will serve those with an interest in global surgery and a desire to understand more about and how to become involved. It will also be practical and informative for those with a developed passion for and experience with surgery in low resource settings.

### SESSION OBJECTIVES

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

- Articulate 3 main areas of focus for surgeons who participate in "low resource setting" surgery
- Recognize the contexts and unique challenges to be adapted to make global surgery efforts most effective
- Identify key team members with a view to organizing or participating in a successful low resource setting surgical project
- Be prepared with some very practical clinical information and contact information to get started or on path to involvement in global surgery

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
<b>The Focus (10000 ft view): Globalization of Surgical Care</b>		
1:30PM	<b>Framing the Need</b>	Raymond Price, MD
1:40PM	<b>Educational</b>	Adrian Park, MD
1:50PM	<b>System Development in Low Resource Setting – A South American Success Story</b>	Claudia Lorenzetti, MD
2:00PM	<b>Academic Partnership</b>	Sam Finlayson, MD
2:10PM	<b>Characteristics of Successful Projects</b>	Horacio Asbun, MD
<b>The Setting (1000 ft view): Integrating Surgical Care into the Community</b>		
2:20PM	<b>Disaster vs Non Disaster Setting &amp; Preparation</b>	CDR Gordon Wisbach, MD
2:30PM	<b>Understanding Local Laws, Customs &amp; Import Customs</b>	Fiemu Nwariaku, MD
2:40PM	<b>Ensuring Contextual Relevance &amp; Appropriateness</b>	Catherine deVries, MD
2:50PM	<b>Discussion: Q&amp;A</b>	Faculty Panel
3:15PM	<b>Break</b>	
<b>The Team (100 ft view): Getting Practical</b>		
3:40PM	<b>Developing Checklists (Personnel, Visas, Vaccinations, Equipment, etc.)</b>	John Tarpley, MD
<b>The Local Champion (Ground Level View)</b>		
3:50PM	<b>Working Toward Sustainability...The End Goal</b>	Ramon Berguer, MD
4:00PM	<b>The View From the Local Champion - Africa</b>	Mabula Mchembe, MD
4:15PM	<b>The View From the Local Champion - Asia</b>	Sergelen Orgoi, MD
<b>Developing World Surgery 101</b>		
4:30PM	<b>Tropical Medicine (ID) for Surgeons</b>	Bruce Steffes, MD
4:45PM	<b>Anesthesia in Low Resource Environments</b>	Kelly McQueen, MD
5:00PM	<b>Discussion: Getting started...How Do I Get Connected? Q &amp; A</b>	Faculty Panel

### LEARNING THEME

**PE** Professional/Economic

### Poster:

**P374 LAPAROSCOPY IN THE DEVELOPING WORLD: PERCEPTIONS OF PATIENTS AT KOMFO ANOKYE TEACHING HOSPITAL, GHANA ABOUT LAPAROSCOPY** Setri Fugar, Adam Gyedu; Dept. of Surgery, Kwame Nkrumah University of Science and Technology; Directorate of Surgery, Komfo Anokye Teaching Hospital



Friday, April 4, 2014

1:30 PM - 3:15 PM

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



SAGES 2014  
Scientific Session & Postgraduate Courses

## The Great Presidential Debates of 2014

BALLROOM A-D

Session Chair: Jeffrey M. Marks, MD; Session Co-Chair: Tonia M. Young-Fadok, MD, MS

### SESSION DESCRIPTION

SAGES Past-Presidents will hotly debate topical issues related to gastrointestinal and endoscopic surgery. This no-holds-barred format will engage the audience fully to determine the outcome of the controversial issues.

### SESSION OBJECTIVES

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

- State the advantages and limitations of natural orifice endoluminal endoscopic surgery
- State the outcomes that should be measured to evaluate the procedures used to treat GI neoplasia
- Recognize the balance between the patients' expectations and the profession's interpretation of best practice
- Describe a safe and thoughtful approach to introducing innovative procedures into practice
- Understand the technical tools available for advanced endoscopic interventional therapies
- Identify the natural orifice techniques which exist as practical alternatives to standard surgical procedures

### SESSION OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	Overview and Rules of Engagement	Jeffrey Marks, MD Tonia Young-Fadok, MD, MS
1:35PM	Be it Resolved That it Is Time To Declare the Death of Natural Orifice Transluminal Endoscopic Surgery	Jeffrey Marks, MD Tonia Young-Fadok, MD, MS
	Pro	W. Scott Melvin, MD
	Con	David Rattner, MD
	Rebuttal	David Rattner, MD
	Rebuttal	W. Scott Melvin, MD
2:20PM	Audience Questions and Final Vote	
2:25PM	Be it Resolved that Endolumenal Therapies, Including Full Thickness Resection, Will Make Segmental Resection Obsolete for Primary Treatment of Gastrointestinal Neoplasia	Tonia Young-Fadok, MD, MS Jeffrey Marks, MD
	Pro	Lee Swanstrom, MD
	Con	Nathaniel Soper, MD
	Rebuttal	Nathaniel Soper, MD
	Rebuttal	Lee Swanstrom, MD
3:10PM	Audience Questions and Final Vote	

*SAGES acknowledges an educational grant in support of this activity from Karl Storz Endoscopy.*

### LEARNING THEMES

- C** Colorectal
- FE** Flex Endo
- NS** New technologies/Skill acquisition



SAGES 2014

Scientific Session & Postgraduate Courses

Friday, April 4, 2014

1:30 PM - 3:15 PM

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

## Emerging Frontiers in Simulation-Based Surgical Education

BALLROOM J

Session Chair: Steven D. Schwartzberg, MD; Session Co-Chair: Suvranu De, Sc.D.

### SESSION DESCRIPTION

Simulation-based surgical education is now being adopted for training and credentialing in many surgical specialties for increasing surgical competency and reducing errors. This session would be of interest to anyone who is engaged in learning about the efficacy and latest technologies in this emerging field.

### SESSION OBJECTIVES

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

- Identify the training opportunities that exist in virtual reality as a simulation modality
- Evaluate the numerous VR opportunities and select those that could be considered for acquisition that may fill an unmet local need
- Choose simulation options that would meet the emerging needs of the surgical training community

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	Does VR Improve OR Performance	Neal Seymour, MD
1:50PM	VR Simulation Research at RPI	Ganesh Sankaranarayanan, PhD
2:10PM	VR in Fundamentals of Endoscopic Surgery™ (FES)	Brian Dunkin, MD
2:30PM	Game Engines in VR for Surgery	Richard Boyd, BA
2:50PM	Panel Discussion	

### LEARNING THEMES

- AE** Academic/Educational
- NS** New technologies/Skill acquisition



## THE 2014 MEETING APP

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ANDROID IOS



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Friday, April 4, 2014

1:30 PM - 3:15 PM

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

## SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America

Session Chair: Alonso Alvarado, MD; Session Co-Chair: Eduardo Moreno-Paquentin, MD

EXHIBIT HALL D



ALACE

### SESSION DESCRIPTION

This session will allow attendees to further understand which are the procedures grouped as Minimal Access Surgery; what are their potential advantages over standard laparoscopy, including drawbacks and their specific advantages; how have they being undertaken by surgeon all over Latin America; and what is the clinical and socioeconomic outcome in these countries.

### SESSION OBJECTIVES

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

- Identify specific advantages and disadvantages of each of the different minimal access laparoscopic procedures
- Select which of these techniques best suits their individual practice
- Recognize potential problems associated to each one of these techniques

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	Metabolic Surgery: A Marketing Tool?	Gustavo Salinas, MD
1:40PM	Hybrid Procedures, Really? Myth and Facts	Manoel Galvao Neto, MD
1:55PM	Evidence Based Surgery and Minimal Access Surgery	L. Michael Brunt, MD
2:05PM	Is This a Joke? Single Port Surgery	Diego Camacho, MD
2:20PM	Inguinal Hernia Repair Technique by Mini Site	Gustavo Carvalho, MD
2:30PM	Sleeve Gastrectomy; Killed the Band or the Bypass?	Marcos Berry, MD
2:45PM	Laparoscopic Splenectomy – A Case for Single Site Surgery	Juan Pablo Pantoja, MD
3:00PM	Extreme Endoscopy for Chronic Bariatric Complications	Josemberg Campos, MD
3:10PM	Q & A	Alonso Alvarado, MD Eduardo Moreno, MD

### LEARNING THEMES

- B** Bariatrics
- FE** Flex Endo
- NS** New technologies/Skill acquisition



SAGES 2014  
Scientific Session & Postgraduate Courses



# Friday, April 4, 2014

1:30 PM - 3:15 PM

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

## MIS Jeopardy

**BALLROOM E-H**

**Session Chair:** Frederick L. Greene, MD; **Session Co-Chair:** Richard Larry Whelan, MD

### SESSION DESCRIPTION

This session will be formatted as a quiz show utilizing contestants/an All-Star Panel who will provide responses to “answers” regarding MIS approaches UGI, biliary tract, colorectal and abdominal wall topics. The session will be aimed at all attendees at the SAGES meeting, but hopefully will attract a resident and fellow audience. Come and learn and match your knowledge with the panelists!

### SESSION OBJECTIVES

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

- Identify and employ new strategies relating to MIS surgical issues
- Recognize personal gaps in knowledge which will lead to further independent study
- Recognize safe and effective strategies to correct common GI, HPB and abdominal wall disease processes

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
1:30PM	<b>MIS Jeopardy</b>	Moderators: Frederick L. Greene, MD Richard L. Whelan, MD Sachin Kukreja, MD
	<b>Contestants - All-Star Panel:</b>	Kristi Lee Harold, MD Daniel Herron, MD Leena Khaitan, MD John Marks, MD John Monson, MD Raul Rosenthal, MD David Urbach, MD Melina Vassiliou, MD

### LEARNING THEMES

- C** Colorectal
- FOR** Foregut
- HR** Hernia
- HPB** HPB/Solid organ

3:15PM - 3:45PM

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

## Happy (Half) Hour Break in Exhibit Hall

**EXHIBIT HALL A-C**

Friday, April 4, 2014

3:30 PM - 5:30 PM

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



SAGES 2014  
Scientific Session & Postgraduate Courses

## Emerging Technology Session

BALLROOM A-D

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

**Session Chair: Matthew M. Hutter, MD; Session Co-Chair: Dmitry Oleynikov, MD**

### SESSION DESCRIPTION

For the 10<sup>th</sup> year, SAGES, as part of the SAGES Technology Initiative, will present the Emerging Technology Session. Surgeons, physicians, scientists from academic centers as well as industry are invited to submit abstracts for consideration. Submissions that reflect "late breaking", "cutting-edge" or novel information are greatly encouraged. Submission of preliminary results for new technologies is encouraged as well.

### SESSION OBJECTIVES

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

- Identify and employ new strategies relating to MIS surgical issues
- Recognize personal gaps in knowledge which will lead to further independent study
- Recognize safe and effective strategies to correct common GI, HPB and abdominal wall disease processes

#### **ET001 ENDOSCOPIC ANTERIOR FUNDOPLICATION WITH THE MEDIGUS SRS™ TRANSORAL SURGICAL STAPLER: A NOVEL TREATMENT FOR GASTROESOPHAGEAL REFLUX DISEASE**

Johannes Zachaerl, Bonavina Luigi, Amol Babaye, Ralf Kiesslich, Sebastian Schoppmann, William Kessler, Don Selzer, Michael S Epstein, MD, Glen Lehman, Santiago Horgan, MD; University of California San Diego

#### **ET002 AUGMENTED REALITY TELEMENTORING TOOL TO ASSESS AND GUIDE CHIEF TO INTERN INTRAOPERATIVE EDUCATION: THE GOOGLE GLASS EXPERIENCE**

Daniel A Hashimoto, MD, MS, Roy Phitayakorn, MD, MHPE, Carlos Fernandez-del Castillo, MD, Ozanan Meireles, MD; Massachusetts General Hospital

#### **ET003 HYBRID APPROACH TO MINIMALLY INVASIVE SURGERY (MIS): UNIVERSAL HAND TOOL ADAPTER FOR ROBOTICALLY CONTROLLED LAPAROSCOPIC SURGERY**

J Opfermann, MS, B Azizi Koutenaei, MS, A Shademan, PhD, S Leonard, PhD, A Krieger, PhD, Pcw Kim, MD, PhD; Sheikh Zayed Institute for Pediatric Surgical Innovation, Children's National Health System, Washington, D.C.

#### **ET004 FIRST HUMAN RESULTS OF A NOVEL ENDOSCOPIC GASTRIC PLICATION DEVICE IN THE TREATMENT OF OBESITY**

G F Paulus, MD, T Verlaan, MD, E M Mathus-Vliegen, MD, PhD, E A Veldhuyzen, J M Conchillo, MD, PhD, P Fockens, N D Bouvy, MD, PhD; Maastricht University Medical Center, Academic Medical Center Amsterdam

#### **ET005 HUMAN EXTENSIONS: A NOVEL, HAND-HELD SURGICAL OPERATING SYSTEM.**

Amir Szold, MD, FACS; Assia Medical Group, Tel Aviv, Israel, and Human Extensions Inc., Netanya, Israel

#### **ET006 TRANSORAL TREATMENT OF ACHALASIA: COMBINING SUBMUCOSAL MYOTOMY WITH TRANSORAL FUNDOPLICATION**

Rosamaira Bozzi, MD, Aviel Roy-Shapira, MD, Fabio Cattaneo, PhD, Domenico Cattaneo, MD; U.O.C. di Chirurgia ed Endoscopia Digestiva "Azienda dei Colli"

#### **ET007 LAPAROSCOPIC CHOLECYSTECTOMY USING A NOVEL SINGLE-INCISION SURGICAL PLATFORM THROUGH A STANDARD 15MM TROCAR**

Ryan C Broderick, MD, Pablo Omelanczuk, MD, Cristina R Harnsberger, MD, Hans F Fuchs, MD, Martin Berducci, MD, Jorge Nefa, MD, Javier Nicolai, MD, Moneer Almadani, MD, Garth R Jacobsen, MD, Bryan J Sandler, MD, Santiago Horgan, MD; University of California San Diego

#### **ET008 A NOVEL FULLY ENDOSCOPIC, ENDOLUMINAL GASTRIC BYPASS FOR THE TREATMENT OF MORBID OBESITY**

Bryan J Sandler, MD, Roberto Rumbaut, MD, C. Daniel Smith, MD, Gustavo Torres, MD, Luis Morales, MD, Lizelly Gonzalez, MD, Monica Garza, MD, Ryan C Broderick, MD, Cristina R Harnsberger, MD, Hans F Fuchs, MD, Moneer Almadani, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; University of California, San Diego

#### **ET009 AN IMPROVED MESH FIXATION DEVICE THAT MAY END THE DEBATE ABOUT SUTURE FIXATION - PRE-CLINICAL EXPERIENCE OF USING THE FASTOUCH™**

David Earle, MD, FACS, Brian Jacob, MD, Karl LeBlanc, MD; Baystate Medical Center

#### **ET010 ENDOSCOPIC GASTRIC PLICATION USING AN ARTICULATING ENDOSCOPIC CIRCULAR (ACE) STAPLER: TECHNIQUE AND PRELIMINARY RESULTS.**

Laurent Biertho, MD, Stéfane Lebel, MD, Frédéric Hould, MD, Simon Marceau, MD, Santiago Horgan, MD, P Omelanczuk, MD, R Ouguay, MD, M Sanchez, MD, N Pampillon, MD, C Penutto, MD, V Lasagni, MD, S Omelanczuk, MD, A Grigaies, MD, R Buxhoeveden, MD, V Gorodner, MD, E Santo, MD, S Fishman, MD, N Bouvy, MD, G Paulus, MD, M Avesaat, MD, T Verlaan, MD, E Mathus-Vliegen, MD, P Fockens, MD, S Biron, MD; Quebec Heart and Lung Institute, Department of Bariatric and Metabolic Surgery, Quebec, QC, Canada

#### **ET011 A NOVEL, IMAGE BASED, ACTIVE LAPAROSCOPE MANIPULATOR – PRELIMINARY CLINICAL RESULTS WITH THE AUTOLAP SYSTEM.**

Antonello Forgione, MD, Ivo Broeders, MD, Amir Szold, MD; Assia Medical Group, Tel Aviv, Israel, AIMS Academy, Niguarda Cà Granda Hospital, Milan, Italy, and MEander Medical Center, Amersfoort, Netherlands

#### **ET012 THE ELIPSE™: A NOVEL, SWALLOWED, SELF-EMPTYING, AND EXCRETED INTRAGASTRIC BALLOON FOR WEIGHT LOSS**

Shantanu Gaur, MD, Samuel Levy, MD, Evzen Machytka, MD, Bruce Schirmer, MD, Daniel Jones, MD, George Blackburn, MD, PhD, Kathryn Stecco, MD; Allurion Technologies; University of Ostrava; University of Virginia; Beth Israel Deaconess Medical Center, Harvard Medical School

#### **ET013 ENABLING TUMOUR IMMUNE CELL INFILTRATION THROUGH APPLICATION OF A NOVEL SURGICAL DEVICE**

Declan M Soden, PhD, Michael O'Riordan, MD, FRCSI, FRCSI, Patrick Forde, PhD, Michael Bourke, MD, FRCSI; Mercy University Hospital





SAGES 2014

Scientific Session & Postgraduate Courses

Friday, April 4, 2014

3:45 PM - 5:30 PM

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



## MIS for Acute Care Surgeons

**BALLROOM E-H**

Session Chair: Kosar A. Khwaja, MD; Session Co-Chair: Garth R. Jacobsen, MD

### SESSION DESCRIPTION

This session is intended for all general surgeons and trainees who are involved with the assessment and management of general surgery patients in the emergency setting. It will provide an opportunity to discuss the safe use of the minimally invasive approach, as well as tips and tricks, to common general surgery emergencies.

### SESSION OBJECTIVES

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

- Recognize the indications for open versus minimally invasive approach in sick patients in the emergency setting
- Understand current management strategies for common general surgery emergencies such as acute cholecystitis, diverticulitis, C. Difficile colitis, bowel obstructions, etc.
- Apply surgical tips and tricks in difficult situations in the Operating Room in common general surgery emergencies

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
3:45PM	 Physiologic Effects of Pneumoperitoneum: Implications of Laparoscopy in Sick Patients	Kosar Khwaja, MD, MSc, MBA
3:55PM	Optimal Timing for Laparoscopic Cholecystectomies	Garth Jacobsen, MD
4:05PM	 Bariatric Emergencies: What Every Acute Care Surgeon Must Know	Samaad Malik, MD, MSc
4:15PM	Minimally invasive Approach to Acute Diverticulitis	Elizabeth McLemore, MD
4:25PM	Minimally invasive Approach to C. Difficile Colitis	Brian Zuckerbraun, MD
4:35PM	Laparoscopic Approach to Bowel Obstructions	John Hagen, MD
4:45PM	Incarcerated Hernias: Tips and Tricks to the Minimally Invasive Approach	B. Todd Heniford, MD
4:55PM	Bedside Laparoscopy in the Intensive Care Unit	Ronald Sing, MD
5:05PM	Laparoscopic Exploration for Penetrating Trauma	Jose Diaz Jr, MD
5:15PM	Panel Discussion	

### LEARNING THEMES

- B** Bariatrics
- C** Colorectal
- HR** Hernia
- HPB** HPB/Solid organ

Friday, April 4, 2014

3:45 PM - 5:30 PM

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

## SAGES/EAES Panel: Benign Foregut – Opinions and Evidence in the Management of Benign Esophageal Disorders

Session Chair: Marco G. Patti, MD; Session Co-Chair: Eduardo Targarona, MD

### SESSION DESCRIPTION

General surgeons who treat benign esophageal disorders should attend. This session will provide valuable information about the diagnosis of these disorders. In addition, different treatment options will be discussed and recommendations will be based on evidence. Particular cases will be presented to enhance the important points.

### SESSION OBJECTIVES

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

- Perform a careful and thorough evaluation, establishing a definitive diagnosis
- Understand the pathophysiology of these diseases
- Plan treatment based on the pre-operative evaluation and the characteristics and history of individual patients

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
3:45PM	Evaluation for GERD and Achalasia	Piero Marco Fisichella, MD
4:00PM	Barrett's Esophagus and High Grade Dysplasia. RFA, EMR, Resection?	Brian Dunkin, MD
4:10PM	Total Versus Partial Fundoplication	Brant Oelschlager, MD
4:20PM	GERD in the Morbidly Obese Patient	Toshitaka Hoppo, MD PhD
4:30PM	Paraesophageal Hernia: Standards and Controversies	Eduardo M Targarona, MD
4:45PM	Achalasia: POEM is the Answer?	Karl Fuchs, MD
4:55PM	Achalasia: Heller Myotomy is the Gold Standard	Mario Morino, MD
5:05PM	Dysphagia After Heller Myotomy: Options	Marco G Patti, MD
5:20PM	Discussion	

### LEARNING THEMES

**FOR** Foregut

EXHIBIT HALL D



SAGES 2014  
Scientific Session & Postgraduate Courses



# Friday, April 4, 2014

3:45 PM - 5:30 PM

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

## Resident/Fellow Scientific Session

BALLROOM J

Session Chair: Vanessa N. Palter, MD; Session Co-Chair: Linda P. Zhang, MD

### SESSION DESCRIPTION

In this session, residents and fellows will present their clinical and basic science research to a panel of prominent faculty who are respected in the fields of minimally invasive / bariatric surgery, flexible gastrointestinal endoscopy, and surgical education. After each presentation, panelists will rank each speaker with regard to study content and originality, design and methodology, interpretation of results, and overall presentation skills. Awards will be given to the top two presenters at the conclusion of the session.

### SESSION OBJECTIVES

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

- Identify challenges and pitfalls in research design, methodology, and critical review of results
- Discuss these challenges and pitfalls in order to improve future study design
- Recognize optimum communication skills in terms of a 10 minute presentation
- Acquire an appreciation for the depth and breadth of research conducted by surgical residents and fellows

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
3:45PM	Introduction	Tung Tran, MD Linda Zhang, MD
3:50PM	Resident/Fellow Presentations	
5:30PM	Adjourned	
Expert Panelists: Desmond Birkett, MD; Steve Eubanks, MD; Mark Talamini, MD; Alfons Pomp, MD		

**S156 PREDICTORS OF INTRAOPERATIVE ESOPHAGOGASTRIC JUNCTION DISTENSIBILITY AND PHYSIOLOGIC IMPROVEMENT DURING HELLER MYOTOMY AND POEM** Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Lubomyr Boris, BS, Frederic Nicodème, MD, Peter J Kahrilas, MD, John E Pandolfino, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

**S157 LAPAROSCOPIC HEPATECTOMY IN CIRRHOTIC PATIENTS: SAFE IF YOU ADJUST TECHNIQUE** David J Worhunsky, MD, Monica M Dua, MD, Bernard Siu, BS, George A Poultides, MD, MS, Jeffrey A Norton, MD, Brendan C Visser, MD; Stanford University Medical Center

**S158 ROUTINE UPPER GASTROINTESTINAL SERIES IS NOT NECESSARY IN THE POST-OPERATIVE EVALUATION OF LAPAROSCOPIC SLEEVE GASTRECTOMIES** Michael T Rossi, MD, Rami Luffi, MD; University of Illinois at Chicago Metropolitan Group Hospitals

**S159 MAUDE DATABASE AUDIT SHOWS INACCURATE REPRESENTATION OF MESH-RELATED ADVERSE EVENTS AND TRENDS** Shuddhadeb Ray, MD, Kyle C Ward, DO, Christopher D Barrett, MD, Kevin P Costello, Corey R Deeken, PhD, Sara Baalman, MA, Margaret M Frisella, RN, Brent D Matthews, MD; Washington University School of Medicine

**S160 ENDOSCOPIC SUTURE FIXATION OF GASTROESOPHAGEAL STENTS WITH AND WITHOUT SUBMUCOSAL INJECTION IN A PORCINE MODEL** Victor T Wilcox, MD, Brian J Dunkin, MD, FACS, Nabil Tariq, MD, FACS, Albert Y Huang, MD, Patrick R Reardon, MD, FACS; Methodist Institute for Technology, Innovation & Education (MITIE)

**S161 LATERAL APPROACH IN LAPAROSCOPIC DISTAL PANCREATCTOMY IS SAFE AND POTENTIALLY BENEFICIAL COMPARED TO THE TRADITIONAL MEDIAL APPROACH** Julie Hallet, MD, FRCSC, Daniel Abramowitz, MD, Matt Strickland, MD, Veronica Liang, MD, Calvin Law, MD, MPH, FRCSC, Shiva Jayaraman, MD, MEd, FRCSC; Sunnybrook Health Sciences Center – The Odette Cancer Center, Toronto, Ontario; St-Joseph's Health Center, Toronto, Ontario; Division of General Surgery, University of Toronto, Toronto, Ontario

**S162 DOES LAPAROSCOPIC FECAL DIVERSION OFFER BETTER OUTCOMES? A COMPARATIVE STUDY OF 196 CONSECUTIVE PATIENTS ?** Emre Gorgun, Fazli C Gezen, Erman Aytac, Luca Stocchi, Meagan M Costedio, Feza Remzi; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

**S163 BAND REMOVAL AND CONVERSION TO SLEEVE OR BYPASS: ARE THEY EQUALLY SAFE?** B. Fernando Santos, MD, Jessica B Wallaert, MD, Thadeus L Trus, MD; Dartmouth-Hitchcock Medical Center, Department of Surgery, Lebanon, NH.

**S164 DEVELOPING ADVANCED LAPAROSCOPIC SURGERY IN MONGOLIA** Katie M Wells, MD, Raymond R Price, MD, Orgoi Sergelen, MD, Byadran Lkhagvabayar, MD, Tsiiregzen Enkh-Amgalan, MD, Matthew D Price, Michael R Marohn, DO; Dept of Surg Health Sciences Univ of Mongolia; Nat'l Cancer Ctr of Mongolia; Songdo Hospital; Dept of Surg Ctr for Global Surg, Univ of Utah; Dept of Surg Intermountain Med Ctr; Dept of Surg, Johns Hopkins Medical Univ.

**S165 THE LAPAROSCOPIC APPROACH TO PARAESOPHAGEAL HERNIA REPAIR (PEHR) IS SUPERIOR TO OPEN: RESULTS FROM THE NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM** Samuel W Ross, MD, MPH, Bindhu Oommen, MD, MPH, Mimi Kim, MD, Joel F Bradley, MD, Kristopher B Williams, MD, Amanda L Walters, MS, Kristian T Dacey, MHA, Vedra A Augenstein, MD, Brant T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

Friday, April 4, 2014

6:00PM - 7:00PM

## Meet the Leadership Reception for Residents, Fellows & New Members

Location: The Depot (see page 106 for details)

THE DEPOT

7:00PM - 11:00PM

\*Included in Registration SuperPass (Option A)

## Don't miss the SAGES Gala – An Evening at the Depot Featuring: The 17<sup>th</sup> Annual International Sing-Off

THE DEPOT



SAGES 2014

Scientific Session & Postgraduate Courses







**SAGES 2014**

*Scientific Session & Postgraduate Courses*

*Saturday, April 5, 2014*

Time	Program	Location
8:00 AM - 9:30 AM	<b>Concurrent Session SS11 Hernia</b>	Exhibit Hall D
8:00 AM - 9:30 AM	<b>Concurrent Session SS12 Robotics/Ergonomics</b>	Ballroom E-H
8:00 AM - 9:30 AM	<b>Concurrent Session SS13 HPB</b>	Ballroom I
8:00 AM - 9:30 AM	<b>Panel: Bariatric Complications for the non-Bariatric Surgeon</b>	Ballroom J
8:00 AM - 9:30 AM	<b>Panel: Why Haven't Conversion Rates Improved?</b>	Ballroom A-D
9:30 AM - 11:00 AM	<b>SS14 Plenary Session 2</b>	Exhibit Hall D
10:00 AM - 12:30 PM	<b>Exhibits, Poster Session, Learning Center Open</b>	Exhibit Hall A-C
11:00 AM - 11:45 AM	<b>SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend! (not accredited for CME)</b>	Ballroom I
11:45 AM - 12:30 PM	<b>FREE LUNCH for All Attendees</b>	Exhibit Hall A-C
12:30 PM - 2:00 PM	<b>Concurrent Session SS15 Colorectal</b>	Ballroom J
12:30 PM - 2:00 PM	<b>Concurrent Session SS16 Flexible Endoscopy</b>	Ballroom A-D
12:30 PM - 2:00 PM	<b>Concurrent Session SS17 Foregut</b>	Ballroom E-H
12:30 PM - 2:00 PM	<b>Concurrent Session SS18 Metabolic/Obesity 2</b>	Exhibit Hall D
12:30 PM - 2:00 PM	<b>Concurrent Session SS19 Quick Shots 2</b>	Ballroom I
7:30 AM - 2:00 PM	<b>SAGES Mini-Medical School Boot Camp for High School Students (not accredited for CME)</b>	Room 250

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Saturday, April 5, 2014

8:00AM - 9:30AM

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

## Concurrent Session SS11 Hernia

Moderators: Daniel Deziel, MD & Samuel Shuchleib, MD

EXHIBIT HALL D

\* SPOTLIGHT ON HERNIA \* Activity

**S064 LAPAROSCOPIC NEEDLE-ASSISTED INGUINAL HERNIA REPAIR IN CHILDREN** Lauren E McClain, MD, Christian Streck, MD, Aaron Leshar, MD, Andre Hebra, MD; Medical University of South Carolina

**S065 A SINGLE INSTITUTIONAL COMPARISON OF ENDOSCOPIC AND OPEN ABDOMINAL COMPONENT SEPARATION WITH RISK STRATIFICATION** Said C Azoury, MD, Andrew P Dhanasopon, MD, Xuan Hui, MD, MSc, Carla De La Cruz, BS, Justin M Sacks, MD, Kenzo Hirose, MD, Thomas H Magnuson, MD, Caiyun Laio, MD, Monica Lovins, MS, CRNP, Hien T Nguyen, MD; Department of Surgery, The Johns Hopkins Hospital; The Johns Hopkins University, School of Medicine; Department of Plastic and Reconstructive Surgery, The Johns Hopkins Hospital; Johns Hopkins Bloomberg School of Public Health

**S066 PROSPECTIVE STUDY OF OPEN MESH VERSUS LAPAROSCOPIC MESH REPAIR OF INGUINAL HERNIA** Mahak Chauhan, MBBS, Ashwani Kumar, MD, Anand Munghate, MD, Dr. Ashvind Bawa, MD; Government Medical College and Hospital, Patiala, Punjab, India

**S067 ENDOSCOPIC VERSUS OPEN COMPONENT SEPARATION: SYSTEMATIC REVIEW AND META-ANALYSIS** Noah J Switzer, MD, Mark A Dykstra, MD, Stephanie Lim, BSc, Erica Lester, MD, Richdeep S Gill, MD, PhD, Christopher De Gara, MB, MS, FRCSC, FACS, Xinzhe Shi, Daniel Birch, MD, FRCSC, Shahzeer Karmali, BSc, MD, MPH, FRCSC, FACS; Department of Surgery, University of Alberta, Edmonton, Alberta, Canada, Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Alberta, Canada, and Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandria Hospital

**S068 INCIDENCE AND RISK FACTORS OF INCISIONAL HERNIA FORMATION FOLLOWING ABDOMINAL ORGAN TRANSPLANTATION** Carter T Smith, MD, Micah G Katz, Janet M Bellingham, MD, Bridget Welch, Glen E Levenson, PhD, Luke Funk, MD, MPH, Jacob A Greenberg, MD, EdM; University of Wisconsin Hospital and Clinics

**S069 GROIN DEFECTS SEEN AT LAPAROSCOPIC EXTRA-PERITONEAL DISSECTION DURING SURGICAL TREATMENT OF ATHLETIC PUBALGIA** Krzysztof J Wikiel, MD, George M Eid; University of Pittsburgh Medical Center

**S070 TACKS, STAPLES OR SUTURE: METHOD OF PERITONEAL CLOSURE IN LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL (TAPP) INGUINAL HERNIA REPAIR EFFECTS EARLY QUALITY OF LIFE (QOL)** Samuel W Ross, MD, MPH, Mimi Kim, MD, Bindhu Oommen, MD, MPH, Joel F Bradley, MD, Kristopher B Williams, MD, Amanda L Walters, MS, Kristian T Dacey, MHA, Vedra A Augenstein, MD, Brant T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

**S071 PATIENT CENTERED OUTCOMES FOLLOWING LAPAROSCOPIC INGUINAL HERNIA REPAIR** Michael B Ujiki, MD, FACS, Chi Wang, PhD, Ryota Tanaka, MD, Matthew Gitelis, BS, Ermilo Barrera, MD, FACS, John Linn, MD, Steve Haggerty, MD, Zeeshan Butt, PhD, Joann Carbray, BS, Woody Denham, MD, FACS; NorthShore University HealthSystem, Northwestern University

**V027 USE OF CHEMICAL COMPONENTS SEPARATION FOR PRIMARY WOUND CLOSURE IN AN OPEN ABDOMEN** Natasza M Posielski, BS, Clayton C Petro, MD, Yuri W Novitsky, MD, Hooman T Soltanian, MD, Michael J Rosen, MD; University Hospitals Case Medical Center

SAGES 2014

Scientific Session & Postgraduate Courses

Saturday, April 5, 2014

8:00AM - 9:30AM

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



## Concurrent Session SS12 Robotics/Ergonomics

BALLROOM E-H

Moderators: Alessio Pigazzi, MD & John Park, MD

**S072 ROBOTIC VERSUS LAPAROSCOPIC SURGERY FOR COLONIC DISEASE: A META-ANALYSIS OF POST-OPERATIVE VARIABLES.** Lucy M De La Cruz, MD, Alvaro E Castillo, MD, Alberto Zarak, MD, Kandace M Kichler, MD, Leonardo Tamariz, MD, MPH, Srinivas Kaza, MD, FACS; University of Miami, Regional Campus, West Palm Beach, Florida

**S073 UTILITY OF A HUMAN-TYPE ROBOT AS HUMANOID SURGEON IN MULTI PIERCING SURGERY OF ULTRA-MINIMALLY INVASIVE LAPAROSCOPIC SURGERY** Ohdaira Takeshi, Prof, Atsuo Takenishi, Prof; Center for Advanced Medical Initiatives, Kyushu University

**S074 ROBOTIC VERSUS LAPAROSCOPIC CHOLECYSTECTOMY: DOES THE END JUSTIFY THE MEANS?** Jan P Kaminski, MD, MBA, Kenneth W Bueltmann, MD, Marek Rudnicki, MD, PhD; University of Illinois Metropolitan Group Hospitals

**S075 MULTIDIMENSIONAL ANALYSES OF THE LEARNING CURVE OF ROBOTIC LOW ANTERIOR RESECTION FOR RECTAL CANCER: 3-PHASE LEARNING PROCESS COMPARISON** Eun Jung Park, MD, Seung Hyuk Baik, MD, PhD, Byung Soh Min, MD, PhD, Kang Young Lee, MD, PhD, Nam Kyu Kim, MD, PhD; Section of Colon and Rectal Surgery, Department of Surgery, Yonsei University College of Medicine, Seoul, South Korea

**S076 ERGONOMIC ENHANCEMENTS FOR LAPAROSCOPIC SURGERY USING SURGICAL PLATFORMS** Charles B Becker, BS, MEM, J Scott Roth, MD; University of Kentucky College of Medicine

**S077 ROBOT-ASSISTED SURGICAL TASK PERFORMANCE CONFERS ERGONOMIC BENEFITS COMPARED TO LAPAROSCOPIC TASK PERFORMANCE** Ahmed M Zihni, MD, MPH, Jaime A Cavallo, MD, MPH, Ikechukwu Ohu, BS, Sohyung Cho, PhD, Michael M Awad, MD, PhD; Department of Surgery, Washington University School of Medicine; Department of Engineering, Southern Illinois University Edwardsville

**S078 NATIONAL UTILIZATION AND OUTCOME OF LAPAROSCOPIC VS. ROBOTIC ELECTIVE GENERAL AND BARIATRIC SURGICAL PROCEDURES** James P Villamere, MD, Alana Gebhart, BA, Stephen Vu, Ninh T Nguyen, MD; Department of Surgery, University of California, Irvine Medical Center, Orange, CA, USA

**S079 SHORT-TERM SURGICAL OUTCOME OF ROBOTIC GASTRECTOMY FOR GASTRIC CANCER: COMPARISON WITH OPEN AND LAPAROSCOPIC GASTRECTOMY** Joong-Min Park, MD, PhD, Kyong-Choun Chi, MD, PhD; Department of Surgery, Chung-Ang University College of Medicine, Seoul, Korea

**S080 EVALUATING THE EFFECT OF IMPLEMENTATION OF ERGONOMIC PRINCIPLES INTO LAPAROSCOPIC TOOL HANDLE DESIGN ON SURGEON PERFORMANCE AND EFFICIENCY** Kryztopher D Tung, MS, Rami M Shorti, MS, Earl C Downey, MD, Donald S Bloswick, PhD, Andrew S Merryweather, PhD; Mechanical Engineering Dept., University of Utah, Salt Lake City, UT, USA

**S081 COMPARISON OF FLS SURGICAL SKILLS PERFORMANCE USING A MOTORISED INSTRUMENT BY CONVENTIONAL LAPAROSCOPY AND BY SINGLE PORT ACCESS** Patrice Crochet, MD, Rajesh Aggarwal, PhD, Sophie Knight, MD, Karine Baumstarck, MD, Maxime Marcelli, MD, Jean-Philippe Estrade, MD, Eric Lambaudie, PhD, Alexandre Lazard, MD, Aubert Agostini, MD; 1. Department of Gynecology, La Conception Hospital, Assistance Publique des Hôpitaux de Marseille, France. 2. Department of Surgery, Perelman School of Medicine, University of Pennsylvania

**V028 ROBOTIC APPROACH TO GIANT PARAESOPHAGEAL HERNIA REPAIR** Juan P Toro, MD, Hernan D Urrego, MD, Aliu O Sanni, MD, John F Sweeney, MD, S. Scott Davis Jr., MD, Edward Lin, DO, MBA, Ankit D Patel, MD; Department of Surgery, Emory University, Atlanta, GA

**V029 ROBOTIC ASSISTED TOTAL PANCREATECTOMY AND AUTOLOGOUS ISLET CELL TRANSPLANTATION: POTENTIAL BENEFITS OF A NOVEL TECHNIQUE** Amer H Zureikat, MD, Trang Nguyen, MD, David Bartlett, MD, Martin Wijkstrom, MD, Herbert Zeh, III, MD, Abhinav Humar, MD; University of Pittsburgh Medical Center

SAGES 2014  
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Scientific Session & Postgraduate Courses

Saturday, April 5, 2014

8:00AM - 9:30AM

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

## Concurrent Session SS13 HPB

Moderators: R. Matthew Walsh, MD & Ho-Seong Han, MD

BALLROOM I

**S082 INTRAPERITONEAL AND INTRAVENOUS LIDOCAINE FOR PAIN RELIEF AFTER LAPAROSCOPIC CHOLECYSTECTOMY: A PROSPECTIVE RANDOMIZED DOUBLE-BLIND PLACEBO-CONTROLLED STUDY** Yoo Shin Choi, MD, Hyun Gang, md; Chung-Ang University Hospital

**S083 MANAGEMENT OF ACUTE CHOLECYSTITIS IN CANCER PATIENTS –A COMPARATIVE EFFECTIVENESS APPROACH** Thejus Thayyil Jayakrishnan, MD, Ryan T Groeschl, MD, Ben George, MD, James P Thomas, MD, PhD, Sam G Pappas, MD, T Clark Gamblin, MD, MS, Kiran K Turaga, MD, MPH; Medical College of Wisconsin, Loyola University Medical Center

**S084 LAPAROSCOPIC LIVER RESECTION USING THE RUBBER BAND TECHNIQUE: ITS USEFULNESS AND PERIOPERATIVE OUTCOME OF 100 CONSECUTIVE CASES** Sung Hoon Choi, MD, Gi Hong Choi, MD, Dai Hoon Han, MD, Jin Sub Choi, MD, PhD; Division of Hepatobiliary and Pancreas, Department of Surgery, Yonsei University College of Medicine, Seoul, Korea

**S085 USE OF BILIARY STENT IN LAPAROSCOPIC COMMON BILE DUCT EXPLORATION** Matthew J Lyon, MBBS, Seema Menon, MBBCh, MRCS, MCh, Abhiney Jain, MBBCh, Harish Kumar, MD, FRCS, FRCS; Darling Downs Health Service, University of Queensland

**S086 COMPARISON BETWEEN INTRAOPERATIVE CHOLANGIOGRAPHY AND CHOLEDOCHOSCOPY FOR DUCTAL CLEARANCE IN LAPAROSCOPIC CBD EXPLORATION – A PROSPECTIVE RANDOMIZED STUDY** Anubhav Vindal, MS, DNB, MRCSEd, MNAMS, Jagdish Chander, MS, Pawanindra Lal, MS, DNB, MNAMS, FRCSEd, FRCSEd, FRCSEn, FACS, Balu Mahendra, MS; Division of Minimal Access Surgery, Department of Surgery, Maulana Azad Medical College (University of Delhi), New Delhi, India

**S087 LAPAROSCOPIC SUBTOTAL CHOLECYSTECTOMY IS SAFE AND EFFECTIVE WHEN FACED WITH CHALLENGING ANATOMY** R P Evans, MBBS, MRCS, N S Malik, BMed, Sci, Hons, BMBS, Hons, M A Khan, FRCS; Mid-Staffordshire NHS Trust, UK

**V030 LAPAROSCOPIC TRANSGASTRIC DRAINAGE OF COMPLEX PERIPANCREATIC FLUID COLLECTIONS** W. Cory Johnston, MD, Pippa Newell, MD, Paul Hansen, MD, Chet Hammill, MD, Ronald Wolf, MD; Providence Cancer Center, The Oregon Clinic, Foundation for Surgical Innovation and Education

**V031 LAPAROSCOPIC RADICAL CHOLECYSTECTOMY FOR EARLY CARCINOMA GALL BLADDER** C Palanivelu, MS, MCh, FRCS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, R Sathiyamurthy, MS, V P Nallankilli, MS; GEM Hospital & Research Centre

**V032 ROBOT-ASSISTED SIDE-TO-SIDE ROUX-EN-Y PANCREATICOJEJUNOSTOMY FOR CHRONIC PANCREATITIS** Mario Masrur, MD, Jean Pierre Martucci, MD, Despoina Daskalaki, MD, Kristin Patton, MD, Shin Wang, MD, Francesco Bianco, MD, Pier Giulianotti, MD, FACS; University of Illinois at Chicago, Chicago, Illinois, USA

Saturday, April 5, 2014

8:00 AM - 9:30 AM

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



SAGES 2014  
Scientific Session & Postgraduate Courses

## Bariatric Complications for the non-Bariatric Surgeon

BALLROOM J

Session Chair: Ninh Tuan Nguyen, MD; Session Co-Chair: Matthew I. Goldblatt, MD

### SESSION DESCRIPTION

Because of the rapid increase in frequency of bariatric operations being performed in the US, surgeons who do not perform these operations are increasingly called upon to evaluate bariatric patients in the emergency room. With little knowledge of the procedures that have been performed, many general surgeons are in unfamiliar territory. This session will focus on recognition and management of common bariatric complications that may present to a general surgeon. A brief overview of the currently recognized procedures and their variations will be discussed. Common postoperative complications will be outlined in detail whereas less common complications will be briefly described. Clinical presentation, work-up, and management schemes for these conditions will be described.

### SESSION OBJECTIVES

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

- Utilize the current approved bariatric procedures and their variations, as appropriate
- Recognize common complications associated with bariatric operations such as bleeding, obstructions, band slippage, leaks, ulcers, pulmonary embolism, strictures and small bowel obstructions
- Improve management of bariatric complications

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
8:00AM	Understanding Current Bariatric Procedures and its Variations	Matthew Goldblatt, MD
8:15AM	Recognition and Treatment of Leaks	Natan Zundel, MD
8:30AM	Management of Early and Late Obstructions	Daniel Herron, MD
8:45AM	Band Complications (Obstruction, Slippage & Erosion)	Jaime Ponce, MD
9:00AM	Management of GI Bleeding & Biliary Complications	Ninh Nguyen, MD
9:15AM	Q & A Session	

SAGES acknowledges an educational grant in support of this activity from Gore & Associates.

### LEARNING THEMES

- B** Bariatrics
- FOR** Foregut
- NS** New technologies/Skill acquisition



SAGES 2014

Scientific Session & Postgraduate Courses

Saturday, April 5, 2014

8:00 AM - 9:30 AM

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

## Why Haven't Conversion Rates Improved?

BALLROOM A-D

Session Chair: Ali Tavakkoli, MD; Session Co-Chair: Elisabeth C. McEmore, MD

### SESSION DESCRIPTION

Minimally invasive surgery offers clear benefits to the patient, however is not always feasible and necessitates conversion to open surgery. Despite improvements in surgical technology, equipment and training, the conversion rates to open surgery have however remained largely unchanged, highlighting an area where the field could improve. This session aims to review the trends in rates of conversion, and provide a better understanding of why it occurs and how we could do better.

### SESSION OBJECTIVES

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

- Assess advantages and disadvantages of conversion to open surgery
- Identify patients at high risk of conversion and adjust surgical decisions accordingly
- Recognize opportunities to reduce conversion rates

### ACTIVITY OUTLINE

Time	Presentation Title	Faculty Name
8:00AM	Trends in Surgical Conversion Rates – Are We Getting Better or Staying the Same?	Dimitrios Tsakayannis, MD
8:15AM	Risk Factors and Clinical Utility of Risk Scores for Conversion	Elisabeth McEmore, MD
8:30AM	You Should Convert Early: Cost, Outcomes and Legal Implications	Alfons Pomp, MD
8:45AM	Don't Rush to Convert: Cost, Outcomes and Legal Implications	Oliver Varban, MD
9:00AM	Looking Ahead: How Do We Improve Conversion Rates?	Abe Fingerhut, MD
9:15PM	Q & A	

### LEARNING THEMES

- C** Colorectal
- NS** New technologies/Skill acquisition
- PE** Professional/Economic
- HPB** HPB/Solid organ

9:30AM - 11:00AM

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

## SS14 Plenary Session 2

EXHIBIT HALL D

Moderators: Gerald Fried, MD & Olle Ljungqvist, MD

### S088 TECHNICAL PROFICIENCY IN COLONOSCOPY CORRELATES WITH PERFORMANCE ON THE FES MANUAL

**SKILLS TEST** Carmen L Mueller, MD, Pepa Kaneva, MSc, Gerald M Fried, MD, Liane S Feldman, MD, Melina C Vassiliou, MD; Montreal General Hospital, McGill University Health Centre

### S089 REOPERATION RATES AFTER NISSEN FUNDOPLICATION: AN ANALYSIS OF THE CALIFORNIA OUTCOMES

**DATABASE (OSHPD)** Cristina R Harnsberger, MD, Tianzan Zhou, BA, David C Chang, PhD, MPH, MBA, Ryan C Broderick, MD, Hans F Fuchs, MD, Garth R Jacobsen, MD, Santiago Horgan, MD, Bryan J Sandler, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

### S090 NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY FACILITATES IDENTIFICATION OF BILIARY ANATOMY

**DURING LAPAROSCOPIC CHOLECYSTECTOMY** Sylvester N Osayi, MD, Mark R Wendling, MD, Umer I Chaudhry, MD, Joseph M Drosdeck, MD, Kyle A Perry, MD, Sabrena F Noria, MD, Jeffrey W Hazey, MD, Peter Muscarella, MD, W. Scott Melvin, MD, Vimal K Narula, MD; The Ohio State University Wexner Medical Center, Columbus, OH, USA 43210

### S091 A MULTI-CENTER STUDY OF USING CARBON NANOPARTICLES TO TRACK LYMPH NODE METASTASIS IN

**T1-2 COLORECTAL CANCER** Jun Yan, MD, Fangqin Xue, MD, Hui Zhang, MD, Gang Chen, MD, Jianping Lu, MD, Lisheng Cai, MD, Mingzhi Cai, MD, Gao Xiang, MD, Yunfeng Hong, MD, Wenbo Chen, MD, Guoxin Li, MD; Department of General Surgery, Nanfang Hospital, Southern Medical University

### S092 EARLY POST OPERATIVE WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY CORRELATES WITH THE

**VOLUME OF THE STOMACH EXCISED AND NOT WITH THAT OF THE SLEEVE! PRELIMINARY DATA FROM AN MDCT BASED STUDY.** Pawanindra Lal, MS, DNB, MNAMS, FRCSEd, FRCSEd, FRCSEn, FACS, Manoj K Midha, MBBS, Anubhav Vindal, MS, DNB, MRCSEd, MNAMS, Jagdish Chander, MS; Division of Minimal Access Surgery, Department of Surgery, Maulana Azad Medical College (University of Delhi), New Delhi, India

### S093 LAPAROSCOPIC TOTAL PANCREATCTOMY WITH ISLET AUTOTRANSPLANTATION FOR CHRONIC

**PANCREATITIS** Martin Makary, MD, MPH, Michol Cooper, MD, PhD, Niraj Desai, MD, Nicole Jiam, Daniel Warren, PhD, Zhaoli Sun, PhD, Vikesh Singh, MD, Anup K Manes, Rita Kalyani, MD, Erica Hall, MSN, CRNP, CDE, Bonny Thul, CRNP, Kenzo Hirose, MD; Johns Hopkins Hospital

### V033 THE SURGEON AND THE SCOPE: TALES FROM THE EARLY DAYS TALES FROM THE EARLY DAYS OF

**LAPAROSCOPY AT MCGILL** Katherine M McKendy, MD, Yusuke Watanabe, MD, Ekaterina Lebedeva, MD, Liane S Feldman, MD, Gerald M Fried, MD, Melina C Vassiliou, MD, MD; McGill University Health Centre, Jewish General Hospital

Saturday, April 5, 2014

10:00AM - 12:30PM

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

## Exhibits, Poster Session, and Learning Center Open

EXHIBIT HALL A-C

11:00AM - 11:45AM

## SAGES Annual General Membership Business Meeting

BALLROOM I

*All SAGES Members Encouraged to Attend!*

### AGENDA

President's Introduction	Gerald M. Fried, MD
Report of Ballots, Bylaws Changes, Introduction of new Officers/Board Members	Tonia M. Young-Fadok, MD, MS
Committee Reports	Committee Chairs
Remarks by Incoming President	L. Michael Brunt, MD

11:45AM - 12:30PM

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

## FREE LUNCH in Exhibit Hall for all attendees

EXHIBIT HALL A-C

12:30PM - 2:00PM

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

## Concurrent Session SS15 Colorectal

BALLROOM J

**Moderators: Imran Hassan, MD & Stefan Holubar, MD**

**S094 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION WITH RADICAL LYMPH NODE DISSECTION ALONG THE SURGICAL TRUNK IN RIGHT-HEMI COLON CANCER** Shinichiro Mori, MD, Kenji Baba, MD, PhD, Masayuki Yanagi, MD, Yoshiaki Kita, MD, PhD, Shigehiro Yanagita, MD, PhD, Yasuto Uchikado, MD, PhD, Yoshikazu Uenosono, MD, PhD, Hiroshi Okumura, MD, PhD, Akihiro Nakajo, MD, PhD, Kosei Maemura, MD, PhD, Sumiya Ishigami, MD, PhD, Kuniaki Aridome, MD, PhD, Shoji Natsugoe, MD, PhD; Department of Digestive Surgery, Breast and Thyroid Surgery, Graduate School of Medicine, Kagoshima University

**S095 PORTOMESENTERIC VENOUS THROMBOSIS FOLLOWING MAJOR COLON AND RECTAL SURGERY: INCIDENCE AND RISK FACTORS.** Kristin A Robinson, MD, Mark E O'Donnell, MD, David G Pearson, MD, Melanie E Odeleye, MD, Zachary Bodnar, MD, Kristen A Kalkbrenner, PAC, J. Scott Kriegshauser, MD, Tonia M Young-Fadok, MD; Mayo Clinic Hospital, Arizona

**S096 DOES LAPAROSCOPIC REDUCE THE NEED FOR INCIDENTAL SPLENIC PROCEDURES DURING COLORECTAL RESECTIONS? AN ASSESSMENT FROM THE NSQIP DATABASE** Ozgen Isik, MD, Erman Aytac, MD, Jean Ashburn, MD, Gokhan Ozuner, MD, Feza Remzi, MD, Meagan Costedio, MD, Emre Gorgun, MD; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic

**S097 EFFICACY OF LAPAROSCOPIC-ASSISTED APPROACH FOR REVERSAL OF HARTMANN'S PROCEDURE: RESULTS FROM THE AMERICAN COLLEGE OF SURGEONS NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM** Jeanine Arkenbosch, BS, Hirochimi Miyagaki, MD, PhD, Hmc Shantha Kumara, PhD, Xiaohong Yan, PhD, Vesna Celic, RN, Richard L Whelan, MD; Division of Colon and Rectal Surgery, Department of Surgery, St Luke's Roosevelt Hospital Center

**S098 GENITO-URINARY DISORDERS IN 30 CONSECUTIVE LAPAROSCOPIC TME FOR RECTAL CANCER: A PROSPECTIVE VIDEO-CONTROLLED STUDY** Andrea Costanzi, MD, Luca Rigamonti, Giulio Mari, MD, Valter Berardi, MD, Angelo Miranda, MD, Jacopo Crippa, Dario Maggioni, MD; Desio Hospital, Italy

**S099 DAMAGE CONTROL WITH LAVAGE AND DRAINAGE IN ACUTE DIVERTICULITIS LONG TERM FOLLOW UP** Miguel A Hernandez, MD, Morris E Franklin, MD, FACS, Zannodor Del Real Romo, MD, Guillermo Peralta, MD; Texas Endosurgery Institute

**S100 IMPACT OF THE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME ON EARLY DISCHARGE AFTER LAPAROSCOPIC SEGMENTAL COLECTOMY** Bobby Johnson, MD, Ian M Paquette, MD, Bradley R Davis, MD; University of Cincinnati College of Medicine

**S101 PREOPERATIVE REPEAT ENDOSCOPY IN COLORECTAL CANCER PATIENTS: AN INSTITUTIONAL EXPERIENCE AND ANALYSIS OF INFLUENCING FACTORS** Thamer Al Abbasi, MB, BCh, BAO, MRCSI, FRCSC, Fady Saleh, MD, MPH, Timothy D Jackson, BSc, MD, MPH, FRCSC, Allan Okrainec, MDCM, MHPE, FRCSC, FACS, Fayed A Quereshey, MD, MBA, FRCSC; University Health Network, University of Toronto, Toronto, Canada

**S102 ABDOMINAL AND PELVIC ADHESIONS AFTER LAPAROSCOPIC ILEAL POUCH-ANAL ANASTOMOSIS** Ryan W Day, MD, Tonia M Young-Fadok, MD; Mayo Clinic Arizona

**V034 TRANSANAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: A TRAINING PATHWAY** Elisabeth C McLemore, MD, Cristina R Harnsberger, MD, Patricia Sylla, MD, Ryan C Broderick, MD, Alberto S Gallo, MD, Martin A Berducci, MD, Alisa M Coker, MD, Moneer Almadani, MD, Hans F Fuchs, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

**V035 THE MEDIAL APPROACH TO THE SPLENIC FLEXURE** Christopher M Schlachta, MD, Syed T Ali, MD; CSTAR, London Health Sciences Centre



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Saturday, April 5, 2014

12:30PM - 2:00PM

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

## Concurrent Session SS16 Flexible Endoscopy

BALLROOM A-D

**Moderators:** Gary Vitale, MD & Bruce MacFadyen, Jr., MD

**S103 RADIOFREQUENCY ABLATION FOR BARRETT'S ASSOCIATED INTRAMUCOSAL CARCINOMA: A MULTI-CENTER FOLLOW-UP STUDY** Adam C Strauss, MD, Agoston Agoston, MD, PhD, Parambir S Dulai, MD, Thadeus L Trus, MD, Amitabh Srivastava, MD, Richard I Rothstein, MD; Dartmouth Hitchcock Medical Center; Brigham and Women's Hospital

**S104 COMPLICATIONS OF LAPAROSCOPIC TRANSGASTRIC ERCP IN PATIENTS WITH ROUX-EN-Y GASTRIC BYPASS** Kevin L Grimes, MD, Kirpal Singh, MD, Maurice E Arregui, MD; St. Vincent Hospital

**S105 EARLY HUMAN EXPERIENCE WITH PER-ORAL ENDOSCOPIC PYLOROMYOTOMY (POP).** Eran Shlomovitz, MD, Radu Pescarus, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, MD; Providence Portland Medical Center, The Oregon Clinic.

**S106 ENDOSCOPIC RESECTION FOR ESOPHAGEAL CARCINOMA: EXPERIENCE IN A LARGE ACADEMIC MEDICAL CENTER** Justin T Huntington, MD, Jon P Walker, MD, Michael P Meara, MD, Jeffrey W Hazey, MD, Scott Melvin, MD, Kyle A Perry, MD; The Ohio State University Wexner Medical Center

**S107 TO STENT OR NOT TO STENT: OUTCOMES OF SELF-EXPANDING INTRALUMINAL STENTS IN FOREGUT SURGERY** Hrishikesh Nerkar, MD, Anna Ibele, MD, Jon Gabrielsen, MD, William Strodel, MD, Anthony T Petrick, MD; Geisinger Medical Center, Dept of MIS and Bariatric Surgery

**S108 PERORAL ENDOSCOPIC MYOTOMY (POEM) LEADS TO SIMILAR RESULTS IN PATIENTS WITH AND WITHOUT PRIOR ENDOSCOPIC OR SURGICAL THERAPY** Sean B Orenstein, MD, Siavash Raigani, BA, Yuhsin V Wu, MD, Eric M Pauli, MD, Melissa S Phillips, MD, Jeffrey L Ponsky, MD, Jeffrey M Marks, MD; Department of Surgery, University Hospitals Case Medical Center, Cleveland OH; Department of Surgery, Penn State Hershey Medical Center, Hershey PA; Department of Surgery, University of Tennessee, Knoxville, TN

**S109 OVER THE SCOPE CLIP (OTSC) PLACEMENT FOR PERFORATION, FISTULA AND ANASTOMOTIC LEAK CLOSURE** P Umamaheswaran, MD, D Davila-Bradley, MD, A Bastawrous, MD, D Schembre, MD, R Kratz, MD, J A Cervera-Servin, MD, R W Aye, MD, B E Louie, MD; Swedish Medical Center

**S110 BARIATRIC POSTOPERATIVE FISTULA: A LIFE-SAVING ENDOSCOPIC PROCEDURE** Giorgio Baretta, PhD, João Henrique Lima, PhD, Josemberg Campos, PhD, Manoel Galvão Neto, MSc; Vita Batel Hospital - Department of Bariatric Advanced Endoscopy

**V036 TRANSGASTRIC ENDO-ORGAN RESECTION OF PROXIMAL GASTRIC LESION** Piyush Aggarwal, MD, Kulsoom Laeeq, MD, Angela Osmolak, MD, Tommy Lee, MD, Sumeet Mittal, MD; Creighton University Medical Center

**V037 THE NIGHTMARE OF THE GI SURGEON** Radu Pescarus, MD, Ahmed Sharata, MD, Eran Shlomovitz, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, MD; Oregon clinic and Providence Portland Medical Center; Portland, Oregon

SAGES 2014

Scientific Session & Postgraduate Courses

Saturday, April 5, 2014

12:30PM - 2:00PM

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



## Concurrent Session SS17 Foregut

BALLROOM E-H

Moderators: C. Daniel Smith, MD & Alberto Montori, MD

### S111 THE EFFECT OF DIFFERENTIAL PROXIMAL MYOTOMY LENGTH ON ESOPHAGOGASTRIC JUNCTION

**DISTENSIBILITY DURING HELLER MYOTOMY AND POEM** Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Lubomyr Boris, BS, Frederic Nicodème, MD, Peter J Kahrilas, MD, John E Pandolfino, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

### S112 PREDICTING OPERATIVE TECHNIQUES AND OUTCOMES IN LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR (PEHR) BY COMPUTED TOMOGRAPHY (CT) MEASUREMENTS

Samuel W Ross, MD, MPH, Blair A Wormer, MD, Bindhu Oommen, MD, MPH, Mimi Kim, MD, John D Watkins, Amanda L Walters, MS, Vedra A Augenstein, MD, Brant T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

### S113 INCREASED INCIDENCE OF DIAPHRAGMATIC HERNIATION AFTER MINIMALLY INVASIVE ESOPHAGECTOMY - INITIAL EXPERIENCE IN A UK SPECIALIST UNIT

David E Messenger, MD, FRCS, Simon M Higgs, MD, FRCS, David F Hewin, MD, FRCS, Vipond N Mark, MD, FRCS, Hugh Barr, MD, FRCS, Simon J Dwerryhouse, MD, FRCS, Martin S Wadley, MD, FRCS; Worcestershire Royal Hospital, Worcester and Gloucestershire Royal Hospital, Gloucester, UK

### S114 TRUNCAL VAGOTOMY WITHOUT DRAINAGE: ARE THERE LONG TERM CONCERNS?

Matt B Martin, MD; Central Carolina Surgery, PA, Cone Health, Greensboro, NC

### S115 ASSESSMENT AND REDUCTION OF DIAPHRAGMATIC TENSION DURING HIATAL HERNIA REPAIR

Brian E Louie, MD, Daniel Davila Bradley, MD, Peter Baik, MD, Alexander S Farivar, MD, Ralph W Aye, MD; Swedish Cancer Institute and Medical Center

### S116 TREATMENT OF FOREGUT FISTULAS WITH BIOLOGIC FISTULA PLUGS

Rhys Filgate, Dr, Alan Thomas, Mr. Mohammed Ballal, Assoc Professor; School of Surgery, University of Western Australia

### S117 LAPAROSCOPIC REVISION ANTI-REFLUX SURGERY FOR PRIOR FAILED TRANSORAL INCISIONLESS

**FUNDOPLICATION IS SAFE - TECHNICAL DETAILS.** Reginald Bell, MD, Kate Bell, NP, Carrie Morrison, PA, Ashwin A Kurian, MD; SurgOne Foregut Institute

### V038 REMOVAL OF MAGNETIC LES AUGMENTATION DEVICE

Cristina R Harnsberger, MD, Ryan C Broderick, MD, Martin A Berducci, MD, Catherine Beck, MD, Alberto S Gallo, MD, Moneer Almadani, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

### V039 USING A FUNCTIONAL LUMEN IMAGING PROBE TO ASSESS THE EFFECT OF VARIABLE MYOTOMY LENGTH

**DURING POEM AND HELLER** Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

### V040 LAPAROSCOPIC NISSEN FUNDOPLICATION AFTER TRANSORAL INCISIONLESS FUNDOPLICATION (TIF)

Oscar M Crespin, M, D, Brant K Oelschlager, M, D, Carlos A Pellegrini, M, D; University of Washington Medical Center

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Saturday, April 5, 2014

12:30PM - 2:00PM

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

## Concurrent Session SS18 Metabolic/Obesity 2

EXHIBIT HALL D

Moderators: Marina Kurian, MD & Alberto Chousleb, MD

**S118 THE EFFECT OF SMOKING ON OPEN AND LAPAROSCOPIC BARIATRIC OUTCOMES** Ivy N Haskins, MD, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS; George Washington University Department of General Surgery

**S119 MESENTERIC DEFECT CLOSURE IN LAPAROSCOPIC ROUX EN-Y GASTRIC BYPASS: A RANDOMIZED CONTROL TRIAL** Ulysses Rosas, BA, Shusmita Ahmed, MD, Natalia Leva, BA, Trit Garg, BA, Michael Russo, MD, John M Morton, MD, MPH; Stanford University School of Medicine

**S120 IS NEXT-DAY DISCHARGE FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS SAFE IN SELECT PATIENTS? ANALYSIS OF SHORT-TERM OUTCOMES** Ahmad I Elnahas, MD, FRCSC, David R Urbach, MD, MSc, FRCSC, Allan Okrainec, MDCM, MHPE, FACS, FRCSC, Fayed Quereshey, MD, MBA, FRCSC, Timothy D Jackson, MD, MPH, FRCSC; Division of General Surgery, Department of Surgery, University Health Network, University of Toronto

**S121 LAPAROSCOPIC ROUX-LIMB PLACEMENT FOR THE MANAGEMENT OF CHRONIC PROXIMAL FISTULAS AFTER SLEEVE GASTRECTOMY.** Simon van de Vrande, Jacques Himpens, PhD, Ramon Vilallonga, PhD; AZ Sint Blasius

**S122 ALCOHOL METABOLISM IS NOT AFFECTED AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY: A NEW FINDING** Martin A Berducci, MD, Sheetal Nijhawan, MD, Diego F Nino, Alberto S Gallo, MD, Eric Cramer, MS, Cristina R Harnsberger, MD, Ryan C Broderick, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; Division of Minimally Invasive Surgery, University of California, San Diego

**S123 DOES LAPAROSCOPIC SLEEVE GASTRECTOMY HAVE ANY INFLUENCE ON GASTROESOPHAGEAL REFLUX DISEASE? PRELIMINARY RESULTS** Veronica Gorodner, MD, Rudolf Buxhoeveden, MD, Gaston Clemente, MD, Laura Sole, MD, Luis Caro, MD, Alejandro Grigaites, MD; Programa de Unidades Bariatricas

**S124 LAPAROSCOPIC SLEEVE GASTRECTOMY IN MORBIDLY OBESE CHILDREN BELOW 14 YEARS OF AGE** Aayed R Alqahtani, MD, FRCSC, FACS, Mohamed O Elahmedi, MD; Obesity Chair, Department of Surgery, College of Medicine, King Saud University

**S125 CHANGES IN BONE METABOLISM AFTER GASTRIC BYPASS** Lawrence E Tabone, MD, Alexander Mor, MD, Anna Spagnoli, MD, Khoo Chin Meng, MD, Mike Muehlbauer, PhD, Alfonso Torquati, MD, MSCI; Duke University, University of North Carolina, National University of Health Systems Singapore

**S126 CARDIOVASCULAR RISK IN OBESE AND DIABETIC PATIENTS IS SIGNIFICANTLY REDUCED ONE YEAR AFTER GASTRIC BYPASS COMPARED TO A ONE YEAR OF DIABETES SUPPORT AND EDUCATION** Alessandro Mor, MD, Philip Omotosho, MD, Alfonso Torquati, MD; Department of Surgery, Duke University

**V041 MANAGEMENT OF SEVERE STRICTURE AFTER SLEEVE GASTRECTOMY: CONVERSION TO BYPASS** Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Elli, MD, FACS; University of Illinois at Chicago

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## Concurrent Session SS19 Quick Shots 2

BALLROOM I

**Moderators: Santiago Horgan, MD & Gustavo Carvalho, MD**

### **S127 EARLY VERSUS DELAYED CHOLECYSTECTOMY FOLLOWING ENDOSCOPIC SPHINCTEROTOMY FOR MILD**

**BILIARY PANCREATITIS** Brett D Mador, BSc, MD, O Neely M Panton, MB, BS, FRCSC, FACS, S Morad Hameed, MD, MPH, FRCSC, FACS; University of British Columbia, Division of General Surgery

### **S128 PERIOPERATIVE OUTCOMES OF ROBOT-ASSISTED VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY** Rena C

Moon, MD, Derek Stephenson, MD, Andre F Teixeira, MD, Muhammad A Jawad, MD, FACS; Orlando Regional Medical Center

### **S129 PRELIMINARY EVALUATION OF THE PATTERN CUTTING AND THE LIGATING LOOP VIRTUAL LAPAROSCOPIC**

**TRAINERS** Amine Chellali, PhD, Woojin Ahn, PhD, Ganesh Sankaranarayanan, PhD, Jeff Flinn, MS, Steven D Schweitzberg, MD, Daniel B Jones, MD, Suvarnu De, ScD, Caroline G. L Cao, PhD; Cambridge Health Alliance, Harvard Medical School, Rensselaer Polytechnic Institute, Wright State University, Beth Israel Deaconess Medical Center

### **S130 A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL TO COMPARE SINGLE-PORT ENDO-LAPAROSCOPIC SURGERY VS CONVENTIONAL TEP INGUINAL HERNIA REPAIR** Sujith I Wijerathne, MBBS, MRCS, Narendra Agarwal, MBBS, MS, Ahmad Ramzi, MD, Davide Lomanto, MD, PhD, FAMS; Minimally Invasive Surgical Centre, Department of Surgery; National University Health System, Singapore

### **S131 A META-ANALYSIS OF ROBOTIC VERSUS LAPAROSCOPIC GASTRECTOMY FOR GASTRIC CANCER** Lin Chen, Prof, Hongqing Xi, Weisong Shen, Dr; Chinese People's Liberation Army General Hospital

### **S132 A SINGLE INSTITUTION EXPERIENCE WITH 85 CONSECUTIVE ROBOTIC-ASSISTED PELVIC DISSECTIONS** Jennifer E Hrabe, MD, Mary Charlton, PhD, John C Byrn, MD; University of Iowa

### **S133 PATIENT-CENTERED OUTCOMES FOLLOWING LAPAROSCOPIC VENTRAL HERNIA REPAIR: A SYSTEMATIC REVIEW OF THE CURRENT LITERATURE.** Michael Sosin, MD, Ketan M Patel, MD, Lucy Guevara, Maurice Y Nahabedian, MD, Parag Bhanot, MD; Georgetown University Hospital, Division of General Surgery

### **S134 LAPAROSCOPIC TREATMENT OF INCISIONAL AND PRIMARY VENTRAL HERNIA IN MORBIDLY OBESE**

**PATIENTS WITH A BMI OVER 35** Ludovic Marx, MD, Mahery Raharimanantsoa, MD, Stefano Mandala, MD, Antonio D'Urso, MD, Michel Vix, MD, Didier Mutter, MD, PhD, FACS; University Hospital of Strasbourg, Department of Digestive and Endocrine Surgery; IRCAD; IHU Strasbourg

### **S135 POST-CHOLECYSTECTOMY ACUTE BILE DUCT INJURY: TWO DECADE EXPERIENCE FROM A TERTIARY**

**HOSPITAL IN INDIA** Joji Abraham A, Dr, Vk Kapoor, Professor, Anand Prakash, Dr, Rk Singh, Dr, Ak Gupta, Professor, Anu Behari, Dr, R Saxena, Professor; Sanjay Gandhi Post-Graduate Institute of Medical Sciences(SGPGIMS)

### **S136 CONVENTIONAL VS. ROBOTIC-ASSISTED LAPAROSCOPIC DISTAL GASTRECTOMY IN GASTRIC CANCER: A SYSTEMATIC REVIEW COMPARING THE OUTCOMES** Andrew Raffaella, MBBS, MSc, Badria Al Araiimi, Mrs, Bijendra Patel, MBBS, MS, FRCS; BARTS CANCER INSTITUTE

### **S137 A COMPARATIVE TRIAL OF LINX VERSUS LAP NISSEN: CAVEATS FOR PATIENT SELECTION** Eric G Sheu, MD, DPhil, Peter Nau, MD, Barbara Nath, MD, Braden Kuo, MD, David W Rattner, MD; Massachusetts General Hospital

### **S138 LONG TERM OUTCOMES OF RADIOLOGIC RECURRENCE AFTER PARAESOPHAGEAL HERNIA REPAIR WITH MESH** Rachel A Jones, MD, Anton Simorov, MD, Carl J Tadaki, MD, Dmitry Oleynikov, MD; University of Nebraska Medical Center, Department of General Surgery

### **S139 LONG TERM RESULTS OF HYDATID DISEASE OF THE LIVER MANAGED USING PALANIVELU HYDATID SYSTEM**

C Palanivelu, MS, MCH, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, V P Nallankilli, MS, I Swathi, MS, S Sandeep, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

### **S140 COMPREHENSIVE ENHANCED RECOVERY PATHWAY SIGNIFICANTLY REDUCES POSTOPERATIVE LENGTH OF**

**STAY AND NARCOTIC USAGE IN ELECTIVE LAPAROSCOPIC COLECTOMY** Martin Alvarez, MD, Katherine Foley, MD, Steven A Fassler, MD, D M Zebley, MD, Soo Y Kim, MD; Department of Surgery, Abington Memorial Hospital

### **S141 COMPARATIVE ANALYSIS OF LAPAROSCOPIC AND ROBOT-ASSISTED SURGICAL TASK PERFORMANCE**

**IN LAPAROSCOPIC NOVICES AND EXPERTS** Ahmed M Zihni, MD, MPH, Jaime A Cavallo, MD, MPH, Jason Chiu, BA, Ikechukwu Ohu, BS, Sohyung Cho, PhD, L. Michael Brunt, MD, FACS, Michael M Awad, MD, PhD; Washington University in St Louis, Southern Illinois University Edwardsville

### **S142 APPLICATION OF FLUORESCENCE IN ROBOTIC GENERAL SURGERY: OUR EXPERIENCE** Giuseppe Spinoglio, MD, Fabio Priora, PhD, Alessandra Marano, MD, Giampaolo Formisano, MD, Andrea Pappalardo, MD, Francesca Pagliardi, MD; Department of General and Oncologic Surgery, SS Antonio e Biagio Hospital, Alessandria, Italy

### **S143 LYMPH NODE MAPPING AND SENTINEL LYMPH NODE BIOPSY WITH FLUORESCENCE IMAGING SYSTEM**

**IN ROBOTIC COLORECTAL SURGERY** Giuseppe Spinoglio, MD, Ferruccio Ravazzoni, PhD, Giampaolo Formisano, MD, Alessandra Marano, MD, Domenico Piscioneri, MD; Department of General and Oncologic Surgery, SS. Antonio e Biagio Hospital, Alessandria, Italy

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Saturday, April 5, 2014

- S144 COMPARISON OF STRICTURE RATES USING THREE DIFFERENT GASTROJEJUNOSTOMY ANASTAMOTIC TECHNIQUES IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS** Azam Qureshi, MD, Mujjahid Abbas, MD, Lindsay Cumella, BS, J J Choi, MD, P. Vemulapalli, MD, D. R Camacho, MD; Montefiore Medical center, Bronx, NY
- S145 LAPAROSCOPIC GASTRECTOMY VERSUS OPEN GASTRECTOMY FOR GASTRIC CANCER IN PATIENTS WITH BODY MASS INDEX OF 30 KG/M2 OR MORE.** Do Joong Park, MD, PhD, Sang-Yong Son, MD, Chang Min Lee, MD, Do-Hyun Jung, MD, Sang-Hoon Ahn, MD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital, Seongnam, Korea
- S146 PERIOPERATIVE RISK AND COMPLICATIONS OF REVISIONAL BARIATRIC SURGERY COMPARED TO PRIMARY ROUX-EN-Y GASTRIC BYPASS** Linda P Zhang, MD, Wen Hui Tan, MD, Ronald Chang, MD, Valerie Halpin, MD, J. Chris Eagon, MD; Department of Surgery and Section of Minimally Invasive Surgery, Washington University School of Medicine, St Louis, MO
- S147 LAPAROSCOPIC CHOLEDOCHODUODENOSTOMY FOR TREATMENT OF BENIGN COMMON BILE DUCT STRICTURES** N.y. Bayramov, Taryel I Omarov, N.a. Zeynalov; Azerbaijan Medical University, Baku, Azerbaijan
- S148 VALIDATION OF AN ADVANCED LAPAROSCOPIC SKILLS CURRICULUM** Dmitry Nepomnayshy, MD, James Whitteledge, Richard Birkett, MD, Ted Delmonico, MD, Neal Seymour, MD; Lahey Clinic, Baystate Medical Center
- S149 20-YEARS LATER: LAPAROSCOPIC FUNDOPLICATION DURABILITY** Benjamin J Robinson, Christy M Dunst, MD, Kevin M Reavis, MD, Ahmed Sharata, MD, Lee L Swanstrom, MD; Gastrointestinal and Minimally Invasive Surgery Division, The Oregon Clinic
- S150 INTRAOPERATIVE USE OF FLUORESCENT IMAGING WITH INDOCYANINE GREEN CHANGES MANAGEMENT OF ABDOMINAL WALL FLAPS DURING OPEN HERNIA REPAIR** Jonathan Cho, MS, Audriene Sanchez, MS, Heidi Ryan, MD, Shawn Tsuda, MD, FACS; Department of Surgery, University of Nevada School of Medicine
- S151 LAPAROSCOPIC VENTRAL HERNIA REPAIR WITH POLYESTER MESH: PRIMARY FASCIAL REPAIR WITH MESH VS. MESH ONLY** Priya Joshi, BS, Farah Karipineni, MD, MPH, Afshin Parsikia, MD, Amit Joshi, MD, FACS; Jefferson Medical College, Philadelphia, PA & Einstein Healthcare Network, Philadelphia, PA
- S152 PREOPERATIVE WARM-UP THE KEY TO IMPROVED RESIDENT TECHNIQUE** Erin Moran-Atkin, MD, Ransom Wyse, MPH, CPH, Grace Chen, MD, Bethany Sacks, MD, Hien Nguyen, MD, Anne Lidor, MD, Thomas Magnuson, MD, Michael Schweitzer, MD, Kimberley Steele, MD; Johns Hopkins University School of Medicine
- S153 LAPAROSCOPIC HERNIA REPAIR WITH ADDUCTOR TENOTOMY FOR ATHLETIC PUBALGIA: AN ESTABLISHED PROCEDURE FOR AN OBSCURE ENTITY** Georgios Rossidis, MD, Andrew Perry, MD, Husain Abbas, MD, Isaac Motamarry, MD, Tamara Lux, PA, Kevin Farmer, MD, Michael Moser, MD, Jay Clugston, MD, Angel Caban, MD, Kfir Ben-David, MD; UNIVERSITY OF FLORIDA COLLEGE OF MEDICINE
- S154 A LITTLE SLOWER, BUT JUST AS GOOD: RESIDENT OUTCOMES IN LAPAROSCOPIC VENTRAL HERNIA REPAIR BY POST-GRADUATE YEAR (PGY)** Samuel W Ross, MD, MPH, Bindhu Oommen, MD, MPH, Joel F Bradley, MD, Mimi Kim, MD, Amanda L Walters, MS, John M Green, MD, Vedra A Augenstein, MD, Brant T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery
- S155 A COMPARISON OF ROBOTIC SINGLE INCISION AND TRADITIONAL SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY** Tariq Lescouffair, MD, Monica Gustafson, MD, Ibrahim Daoud, MD, FACS; Department of Minimally Invasive Surgery, St. Francis Hospital and Medical Center; Hartford, CT

Saturday, April 5, 2014



SAGES 2014  
Scientific Session & Postgraduate Courses

7:30 AM - 2:00 PM

\*No Fee for High School Students

## SAGES Mini-Medical School Boot Camp

ROOM 250

*SAGES does not offer CME for this session*

**Session Chair:** James C. Rosser Jr, MD;

**Session Co-Chair:** Raymond R. Price, MD

**High School Rep/ Top Gun for Kids:** Elliott Powers



Building on success of previous years, high school students from the Salt Lake City 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, this program is timely and hopefully will promote early decisions to join our noble profession. The day is power packed with hands-on skill lab, tours of the Learning Center and Exhibit Hall 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, twenty-five real life surgeons/volunteers will mentor the students throughout the program (1:4 ratio).

The Mini Med School Experience is a power packed extravaganza that provides "fun with a purpose". Students will get 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, to 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	Hands-On Surgical Skill Development - Lab
10:30AM	Break
10:45AM	Exhibit Time- escorted tours of the Exhibit Hall and Learning Center
12:30AM	Lunch
1:00PM	The Interactive Experience – Classroom
2:00PM	Evaluation, Prizes and Closing

*SAGES acknowledges contributions in-kind in support of this activity from Ethicon and Karl Storz Endoscopy.*

Program limited to 100 high school students. Letter of recommendation from a high school teacher is required.



## Notes

**SAGES 2014**

*Scientific Session & Postgraduate Courses*

# 2014 Learning Center

SAGES does not offer CME for this activity



SAGES 2014  
Scientific Session & Postgraduate Courses

## 1. Top Gun

**Coordinator:** James "Butch" Rosser, MD  
The Top Gun Laparoscopic Skill Shootout Station will allow participants of all levels of training 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. In addition, participants will be completing for slots in the Top Gun Shoot Out that will crown one SAGES 2014 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), 2.0/VR Simulation

**Coordinators:** David McClusky, MD and Suvranu De, Sc.D.

Fundamentals of Laparoscopic Surgery™ is a joint program of SAGES and ACS which is now required for board certification of general surgery residents. It was designed to teach physiology, fundamental knowledge, and technical skills that are required for competency in laparoscopic surgery. This station will introduce participants to the FLS technical tasks, as well as innovative Virtual Reality simulator (VBLAST) which has been designed to replicate these tasks in a virtual environment. The web-based content of FLS 2.0 (updated recently with fresh material) will be available to participants as well.

### Objectives:

At the conclusion of this activity participants 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
- Have exposure to the tasks in an innovative Virtual Reality environment

## 3. Fundamentals of Endoscopic Surgery™ (FES)

**Coordinator:** Jonathan Pearl, MD and E. Matthew Ritter, 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 training will soon be 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. The models are simple to make and can easily be adopted in a residency training curriculum. This station will also allow the user to utilize a virtual reality simulator for both upper and lower endoscopy.

### 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:** Pascal Fuchshuber, MD

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.

### Objectives:

At the conclusion of this activity, the participant should be able to:

- Describe the physics behind common energy devices in the operating room
- Demonstrate the safe use of these energy devices
- Evaluate the SAGES FUSE curriculum

## 5. Single Port Laparoscopic Surgery

**Coordinator:** David Renton, MD

Single Port Laparoscopic Surgery is an alternative to multiple port laparoscopic surgery. There are multiple methods to gain entry into the abdominal cavity and multiple techniques to perform the operations. At this station, the user will be able to use the multiple access ports commercially available. The user will also be able to use both straight and articulating instruments to perform various tasks, including suturing on an inanimate trainer.

### Objectives:

At the conclusion of this activity, the participant will be able to:

- Perform various laparoscopic tasks such as suturing and running bowel
- Compare Single Port surgery to traditional laparoscopic surgery
- Insert various types of Single Port Access devices

## 6. Hernia

### \* SPOTLIGHT ON HERNIA \* Activity

**Coordinator:** Igor Belyansky, MD

Complex ventral hernias require an understanding of abdominal wall anatomy. The innervation of the muscles and the blood supply to the abdominal wall skin determine how a complex repair should be approached. This station will demonstrate using videos and an inanimate model how to approach complex abdominal wall hernias.

**Chair:** S. Scott Davis, Jr., MD  
**Co-Chair:** Matthew Goldblatt, MD

### Hours of Operation:

Thurs., April 3, 2014: 9:30 am - 4:00pm

Friday, April 4, 2014: 9:30am - 4:00pm

Sat. April 5, 2014: 10:00am - 12:30pm

### Objectives:

At the conclusion of this activity, the participant should be able to:

- Describe the anatomy of the abdominal wall
- Describe and learn the steps involved with performing a minimally invasive external oblique component separation
- Practice mesh placement and securing techniques

## 7. Laparoscopic Common Bile Duct Exploration

**Coordinator:** Eric Hungness, 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

## 8. Video Learning Station

**Coordinator:** Ankit Patel, MD

Video Learning is playing an increasing role in the education for surgeons. With increasing variety of procedures being done using minimally invasive techniques, there is increasing opportunity to use video for educational purposes. This station will be designed to provide topic specific education using videos in the SAGES archives. Top videos from the archives addressing the topics of Bariatric surgery, Foregut surgery, and Hernia surgery will be chosen and available to participants to learn operative techniques.

### Objectives:

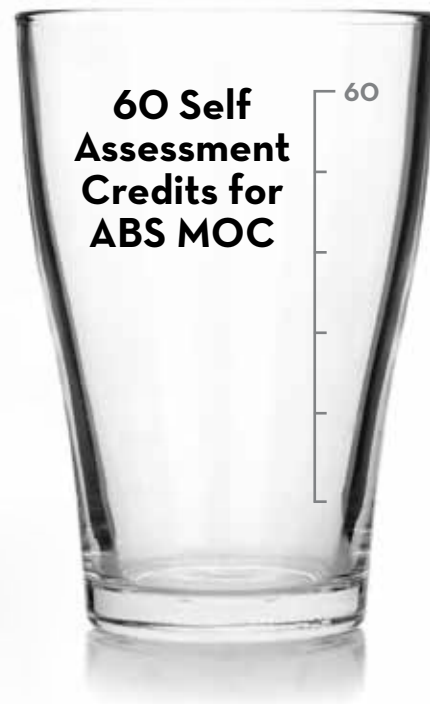
At the conclusion of this activity participants will be able to:

- Describe operative strategies pertinent to hernia surgery- inguinal hernia and ventral hernia will be addressed with examples given for difficult cases and operative approaches that may be chosen
- Describe operative strategies for bariatric surgery – including primary operations and revisions
- Describe operative strategies for foregut surgery – including primary operations and revisions

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

SAGES acknowledges contributions in-kind in support of this venue from Applied Medical, ConMed, Covidien, Encision, Ethicon, Karl Storz Endoscopy, Olympus, Symbionix and Stryker Endoscopy

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- SAGES Annual Meeting ([www.sages2014.org](http://www.sages2014.org))
- Fundamentals of Laparoscopic Surgery™ (<http://www.flsprogram.org/>)
- Fundamentals of Endoscopic Surgery (<http://www.fesprogram.org/>)



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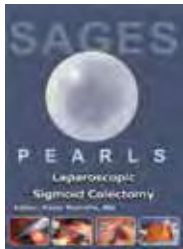






Resource/Program	Description	Members	Non-Members
         	<p><b>iMAGES</b> provides access to vast library of digital images, photos and graphics.</p> <p><b>SAGES TV</b> is a central “searchable and fully navigational” depository for SAGES videos</p> <p><b>S-Wiki</b> is a surgical “Wikipedia” that has significant potential to become the most authoritative surgical reference on the web.</p> <p>These <b>webinars</b> have been developed specifically for residents and will feature expert panelist from SAGES.</p> <p><b>SAGESPAGES</b> is a surgeon-to-surgeon social network that will have replaced the previous SAGES member area.</p> <p><b>SAGES University</b> facilitates online education content for Part 2 Self Assessment CME credit.</p> <p><b>MYCME</b> is a central repository to track all SAGES awarded Part 2 Self Assessment CME credit.</p> <p>A complete list of all currently published <b>SAGES Guidelines</b> on the SAGES publication page.</p> <p>SAGES International Proctoring Courses are a vehicle for SAGES to “give back” to the world community by leveraging its leading educational and training activities to become a leader in bringing safe minimally invasive surgery to the developing world.</p> <p>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.</p>	<ul style="list-style-type: none"> <li>Download images</li> <li>Utilize images in Presentations</li> <li>Upload/Share/Archive images</li> <li>Rate/Review images</li> <li>Upload/Share/Archive Videos</li> <li>Rate/Review Videos</li> <li>Edit Existing Articles</li> <li>Create New Articles</li> </ul> <p>Register and Participate in SAGES Resident Webinars for <b>Free!</b></p> <ul style="list-style-type: none"> <li>Post enhanced member profiles</li> <li>Build “Friendships” with members</li> <li>Messaging between members</li> <li>Participate Committees</li> <li>Upload/Archive documents</li> </ul> <p>Full Access to complete all SAGES U Courses and obtain Self Assessment CME Credit, applicable toward fulfilling Part 2 of the ABS MOC Program</p> <p>View and track all SAGES related CME Credit obtained from SAGES U and Live events</p> <p>On-line access to all SAGES Guidelines</p> <p>SAGES Members may volunteer to participate in SAGES Go Global Activities</p> <p>On-line access to all SAGES Guidelines</p>	<p>View access only to low resolution image versions</p> <p>View access only to video catalog</p> <p>Read only Access to Articles</p> <p>Register and Participate in SAGES Resident Webinars for <b>Free!</b></p> <ul style="list-style-type: none"> <li>Search/View Member Profiles</li> <li>Read only access to public documents and updates</li> </ul> <p>This Resource is for Members Only</p> <p>View and track all SAGES related CME Credit obtained from live events</p> <p>On-line access to all SAGES Guidelines</p> <p>On-line access to all SAGES Guidelines</p>

For information how to become SAGES member go to [www.sages.org/membership](http://www.sages.org/membership)

# RESOURCES

www.sages.org

For product details and to order please visit [www.cine-med.com/sages](http://www.cine-med.com/sages) or call (800) 253-7657 or (203) 263-0006

Resource/Program	Description	Members	Non-Members
 <p><b>SAGES TOP 21 DVD</b></p> 	<p><b>SAGES Pearls Series</b> Step by Step</p> <ul style="list-style-type: none"> <li>• Short Video Clips</li> <li>• Expert Narratives</li> <li>• Tips</li> <li>• Tricks</li> <li>• Important Steps</li> </ul> <p>This Collection contains the most common minimally invasive procedures performed by general surgeons, as determined by the SAGES Educational Resources Committee. <b>SAGES Top 21</b> replaces the very popular SAGES Top 14 DVD, with all new videos and commentaries.</p>	<p>Available For Purchase. Member Discount Available For product details visit <a href="http://www.cine-med.com/sages">www.cine-med.com/sages</a></p> <p>Available For Purchase. Member Discount Available For product details visit <a href="http://www.cine-med.com/sages">www.cine-med.com/sages</a></p>	<p>Available For Purchase. Full Price</p> <p>Available For Purchase. Full Price</p>
 <p><b>Patient Information Brochures</b></p> 	<p><b>SAGES Grand Rounds Master Series</b> offers video, slide presentations, discussion and in depth education.</p> <p>The <b>SAGES Educational Resources</b> Committee has developed these patient information brochures to assist surgeons in preparing their patients for surgery. Given the variations in technique, SAGES has designed these handouts to describe the most commonly performed techniques.</p>	<p>Available For Purchase. Member Discount Available For product details visit <a href="http://www.cine-med.com/sages">www.cine-med.com/sages</a></p> <p>Available For Purchase. Member Discount Available For product details visit <a href="http://www.cine-med.com/sages">www.cine-med.com/sages</a></p>	<p>Available For Purchase. Full Price</p> <p>Available For Purchase. Full Price</p>
	<p>On-line based education module designed to teach physiology, fundamental knowledge &amp; technical skills.</p>	<p>Available For Purchase. Member Discount Available To order FLS, please visit <a href="http://www.flsprogram.org">www.flsprogram.org</a> or call 310-437-0544 x 137</p>	<p>Available For Purchase. Full Price</p>
	<p>The Fundamentals of Endoscopic Surgery™ (<b>FES</b>) Program is a test of knowledge and skills in flexible gastrointestinal (GI) endoscopy. FES is the flexible endoscopy equivalent of the Fundamentals of Laparoscopic Surgery™ (FLS) Program developed by SAGES.</p>	<p>Available For Purchase. Discount available for limited time only. To order FES please visit <a href="http://www.fesprogram.org">www.fesprogram.org</a> or call 310-437-0544x149</p>	<p>Available For Purchase. Discount available for limited time only.</p>
COMING SOON!			
	<p>The Fundamental Use of Surgical Energy™ (<b>FUSE</b>) Program is an educational program/curriculum that will cover the use of energy in interventional procedure in the operating room and endoscopic procedure areas.</p>	<p>Will Soon Be Available For Purchase.</p> <p>Standard Price</p> <p>Please visit <a href="http://www.fuseprogram.org">www.fuseprogram.org</a></p>	<p>Will Soon Be Available For Purchase.</p> <p>Standard Price</p>





SAGES 2014

Scientific Session & Postgraduate Courses

## SAGES Social Programs



### Joint SAGES Gala Evening At The Depot: Dinner & Sing-Off

Date: Friday, April 4  
Place: 400 West South Temple,  
Salt Lake City, UT 84101  
Time: 7:00 - 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)

Join us at Salt Lake City's premiere  
entertainment destination for a one-of-a-  
kind evening that you won't soon forget.  
Premium open bar, fabulous buffet and  
the best band in Salt Lake City will make  
for an unforgettable evening.

**The evening will  
conclude with the 17<sup>th</sup>  
International Sing-Off!**

**Please purchase your  
tickets at the  
registration desk.**

Shuttles will operate from the  
Grand America, Hilton (with  
stop at the Hotel Monaco),  
Marriott City Center and the  
Convention Center starting  
at 5:30pm for the Meet the  
Leadership and 6:30pm for the  
Gala. Last departure from the  
Depot back to the hotels will  
be at 11:30pm.

### Welcome Reception - A Slew of Equipment Debuts in the Exhibit Hall!

Date: Wednesday, April 2  
Time: 5:30 - 7:30 PM  
Place: Exhibit Hall  
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.**

### Mormon Tabernacle Choir

Date: Thursday, April 3  
Time: 7:30PM - 9:30PM  
Cost: Free



The world renowned Mormon Tabernacle Choir will be having an open  
rehearsal on Thursday evening, April 3rd. No tickets are required and  
attendance at the rehearsal is free. The rehearsal is on the Terrace Level of  
the Tabernacle Conference Center on Temple Square from 7:30pm to  
9:30pm.

### Barbara Marks Commemorative Breakfast

Date: Friday April 4  
Time: 7:00 - 8:30 AM  
Place: Convention Center, Room 250  
Cost: \$25 or Comp to SAGES Guests  
(Ticketed event - Ticket included in guest registration)

Barbara Marks, our first "First Lady of Sages," and wife of founder Gerald Marks, passed  
away at the end of 2013. This Breakfast honors her in two ways:

- We will honor her memory in an informal setting with some remarks from other SAGES  
"Spouses" Humor is expected!
- We bring together our guests who include SAGES family members, both old and new, to  
encourage them to become part of the SAGES family.

We hope this will become an annual event.

### SAGES Meet the Leadership Reception for New SAGES Members Residents and Fellows

Date: Friday, April 4  
Time: 6:00 - 7:00 PM  
Place: The Depot  
Dress: Casual

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.

# SAGES Invited Faculty List



SAGES 2014

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**Rajesh Aggarwal, MD, PhD, MA, FRCS**, University of Pennsylvania, Instructor in Surgery, Philadelphia, PA

**Thomas A. Aloia, MD**, UT MD Anderson Cancer Center, Associate Professor of Surgery; Houston, TX

**Alonso Alvarado, MD**, Clinica Hospital San Fernando, Panama City, Panama

**Maurice E. Arregui, MD**, St. Vincent Hospital, Director of Fellowship in Advanced GI surgery, Indianapolis, IN

**Horacio J. Asbun, MD**, Mayo Clinic Florida, Professor of Surgery - Chairman, General Surgery, Jacksonville, FL

**Michael Magdi Awad, MD**, Washington University in St. Louis School of Medicine, Program Director, General Surgery, St. Louis, MO

**Ralph W. Aye, MD**, Swedish Medical Center, Teaching Attending and Fellowship Director for Minimally Invasive Thoracic and Foregut Surgery, Seattle, WA

**COL (Ret) Kenneth Azarow, MD**, Oregon Health and Science University, Surgeon-in-Chief for Doernbecher Children's Hospital, Portland, OR

**Igor Belyansky, MD**, Anne Arundel Medical Center, Director, Abdominal Wall Reconstruction, Annapolis, MD

**George Berci, MD, FRCS, Ed(hon)**, Fr.Clin.Prof.of Surgery LAC-USC, Fr.Clin. Prof.of Surgery LAC-USC, Los Angeles, CA

**Ramon Berguer, MD**, CCRMC Dept. of Surgery, Martinez, CA

**Marcos A. Berry, MD**, Clinica Las Condes, Santiago, Chile

**Desmond H. Birkett, MD**, Lahey Hospital & Medical Center, Chair, Department of General Surgery, Burlington, MA

**Steven P. Bowers, MD**, Mayo Clinic, Florida, Associate Professor, Jacksonville, FL

**Robert Joshua Bowles, MD**, University of Miami-Miller School of Medicine / Division of Laparoendoscopic Surgery / Miami VA Hospital, Assistant Professor of Surgery, Miami, FL

**Richard Boyd, BA**, Simulation Century, Chapel Hill, NC

**Stacy A. Brethauer, MD**, Cleveland Clinic, Avon, OH

**Joel Brill, MD**, Predictive Health, LLC, Chief Medical Officer, Paradise Valley, AZ

**L. Michael Brunt, MD**, Washington University School of Medicine, Professor of Surgery, St Louis, MO

**Jo Buyske, MD**, American Board of Surgery, Associate Executive Director and Director of Evaluation, Philadelphia, PA

**Mark P. Callery, MD**, Harvard Medical School, Professor of Surgery, Boston, MA

**Diego R. Camacho, MD**, Albert Einstein College of Medicine, Assistant Professor, Bronx, NY

**Joseberg Campos, MD, PhD**, Federal University of Pernambuco, Recife, Brazil

**Alfredo M. Carbonell, DO**, University of South Carolina School of Medicine-Greenville, Chief, Minimal Access and Bariatric Surgery, Associate Professor of Surgery, Greenville, SC

**Franco Carli, MD**, McGill University, Montreal, QC, Canada

**Gustavo L. Carvalho, MD**, University of Pernambuco, Associate Professor of Surgery, Recife - PE, PE, Brazil

**Leandro T. Cavazzola, MD, MSc, PhD**, Universidade Federal do Rio Grande do Sul, Porto Alegre-RS, Brazil

**LTC Christy Y. Chai, MD**, San Antonio Military Medical Center / Uniformed Services University of the Health Sciences, Assistant Professor of Surgery, San Antonio, TX

**Bradley Champagne, MD**, Case Medical Center, Associate Professor, Cleveland, OH

**Bipan Chand, MD**, Loyola University, Associate Professor, Maywood, IL

**George J. Chang, MD**, U.T. M.D. Anderson Cancer Center, Associate Professor of Surgery, Houston, TX

**LTC Yong U. Choi, MD**, Uniformed Services University of the Health Sciences, Assistant Professor of Surgery, Fort Gordon, GA

**Alberto Chousleb, MD**, ABC Medical Center, Chief Experimental Surgery, Mexico City, Mexico

**William S. Cobb, MD**, Greenville Health System, Associate Professor of Clinical Surgery, Greenville, SC

**Kyle Graham Cologne, MD**, Keck School of Medicine of the University of Southern California, Assistant Professor of Surgery, Los Angeles, CA

**Richard Dal Col, MD**, Capital District Physicians' Health Plan, Inc., VP/Senior Medical Director, Albany, NY

**S. Scott Davis Jr, MD**, Emory University, Associate Professor, Atlanta, GA

**Suvranu De, ScD**, Rensselaer Polytechnic Institute, Professor, Troy, NY

**Conor P. Delaney, MD, PhD**, Case Med Ctr/Univ Hsps of Cleveland, Cleveland, OH

**Nicolas Demartines, MD**, University Hospital CHUV, Lausanne, Switzerland, Professor of Surgery and Chairman, Lausanne, Switzerland

**Steven R. DeMeester, MD**, U of So. California, Professor of Surgery, Los Angeles, CA

**Sebastian Demyttenaere, MD**, Saint Mary, Montreal, QC, Canada

**George Denoto, MD**, St. Francis Hospital in Roslyn, NY, Chief, Division of General Surgery, Manhasset, NY

**Catherine deVries, MD**, University of Utah, Director of the Center for Global Surgery, Salt Lake City, UT

**Daniel J. Deziel, MD**, Rush University Medical Center, Helen Shedd Keith Professor and Chair, Department of General Surgery, Chicago, IL

**Jose J. Diaz Jr, MD**, University of Maryland Medical School / RAC Trauma Center, Laparoscopic Exploration for Penetrating Trauma, Baltimore, MD

**Quan-Yang Duh, MD**, University of California, San Francisco, Professor, San Francisco, CA

**MAJ Duane Duke, MD**, Walter Reed National Military Medical Center, Silver Spring, MD

**Brian J. Dunkin, MD**, Weill Cornell Medical College, Professor of Clinical Surgery, Houston, TX

**Christy M. Dunst, MD**, The Oregon Clinic- Division of Gastrointestinal & Minimally Invasive Surgery, Portland, OR

**David Bryan Earle, MD**, Tufts University School of Medicine, Associate Professor of Surgery, Springfield, MA

**COL Brian Eastridge, MD**, University of Texas Health Science Center at San Antonio, Professor, Department of Surgery, San Antonio, TX

**Heidi Elliott, MD**, University Hospitals Case Medical Center, Assistant Professor, Cleveland, OH

**C. Neal Ellis, MD**, VA Gulf Coast Veterans Health Care System, Chief of Surgical Services, Pittsburgh, PA

**David Etzioni, MD, MSHS**, Mayo Clinic College of Medicine, Associate Professor, Phoenix, AZ

**Steve Eubanks, MD**, Florida Hospital, Director of Academic Surgery, Orlando, FL  
Matt Fahy, Olympus, Southborough, MA

**Robert D. Fanelli, MD, FASGE**, The Guthrie Clinic, Ltd., Chief, Minimally Invasive Surgery and Surgical Endoscopy, Sayre, PA

**Tim Farrell, MD**, UNC-Chapel Hill, Professor of Surgery, Chapel Hill, NC

**Liane S. Feldman, MD**, McGill University, Professor of Surgery, Montreal, QC, Canada

**Alberto R. Ferreres, MD, PhD**, University of Buenos Aires, Professor of Surgery, Buenos Aires, Argentina

**Lorenzo E. Ferri, MD**, McGill University, Associate Professor, Montreal, QC, Canada

**Alessandro Fichera, MD**, University of Washington Medical Center, Professor, Seattle, WA





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## SAGES Invited Faculty List

**Abe L. Fingerhut, MD**, College de Médecins de Paris, Professor, Poissy, France

**Samuel R.G. Finlayson, MD**, University of Utah School of Medicine, Professor and Chair, Department of Surgery, Salt Lake City, UT

**Craig P. Fischer, MPH**, Weill Cornell Medical College, Assoc. Professor of Surgery, Houston, TX

**Piero Marco Fisichella, MD, MBA**, Loyola University Medical Center, Maywood, IL

**Morris E. Franklin Jr, MD**, Texas Endosurgery Institute, Director, San Antonio, TX

**Gerald M. Fried, MD**, McGill University Faculty of Medicine, Professor and Chairman, Department of Surgery, Montreal, QC, Canada

**Karl H. Fuchs, MD**, Goethe University Frankfurt, Professor, Frankfurt, Germany

**Pascal R. Fuchshuber, MD**, The Permanente Medical Group, California, Surgical Oncology, The Permanente Medical Group; Clinical Associate Professor of Surgery, UCSF, Moraga, CA

**Luke M Funk, MD, MPH**, University of Wisconsin Hospital and Clinics, Assistant Professor, Madison, WI

**LTC Ronald A. Gagliano Jr., MD**, Tripler Army Medical Center, Chief, Colon and Rectal Surgery, Honolulu, HI

**Manoel P Galvao Neto, MD**, Gastro Obeso Center, Sao Paulo, Brazil, Scientific Coordinator, Sao Paulo, Brazil

**Daniel P. Geisler, MD**, Colorectal Physicians & Surgeons of Pennsylvania, Program Director: Saint Vincent Colorectal Residency Program, Erie, PA

**Keith Steven Gersin, MD**, University of North Carolina, Clinical Professor of Surgery, Charlotte, NC

**Ross Frederick Goldberg, MD**, Maricopa Integrated Health System; University of Arizona College of Medicine - Phoenix, Chief of Surgery, Phoenix, AZ

**Matthew I. Goldblatt, MD**, Medical College of Wisconsin, Associate Professor, Milwaukee, WI

**Jon C. Gould, MD**, Medical College of Wisconsin, Associate Professor of Surgery, Milwaukee, WI

**Frederick L. Greene, MD**, University of North Carolina School of Medicine, Clinical Professor of Surgery, Charlotte, NC

**John A. Hagen, MD**, Humber River Regional Hospital, Toronto, ON, Canada

**Dieter P. Hahnloser, MD**, University Hospital, Professor, Lausanne, Switzerland

**Sang-Uk Han, MD, PhD**, Ajou University, Professor, Suwon, Gyeonggi-do, South Korea

**Ho-Seong Han, MD**, Seoul National University, Professor, Seoul, South Korea

**Paul Daniel Hansen, MD**, Oregon Clinic, Portland, OR

**Kristi Lee Harold, MD**, Mayo Clinic Arizona, Associate Professor of Surgery, Phoenix, AZ

**Imran Hassan, MD**, Springfield, IL

**Robert H. Hawes, MD**, University of Central Florida College of Medicine, Professor of Internal Medicine, Orlando, FL

**Jeffrey W. Hazey, MD**, The Ohio State University, Associate Professor of Surgery, Columbus, OH

**B. Todd Heniford, MD**, Carolinas Medical Center, Professor, Charlotte, NC

**Daniel M. Herron, MD**, Icahn School of Medicine at Mount Sinai, Professor of Surgery, New York, NY

**Michael Hinni, MD**, Mayo Clinic in Arizona, Professor of Otolaryngology - Mayo Clinic College of Medicine, Phoenix, AZ

**Stefan D. Holubar, MD**, Dartmouth-Hitchcock Medical Center, Assistant Professor of Surgery, Lebanon, NH

**Michael D. Holzman, MD, MPH**, Vanderbilt University, Lester & Sara Jayne Williams, Chair of Academic Surgery; Associate Professor of Surgery, Nashville, TN

**Elizabeth Joy Honigsberg, MD**, Bridgeport Hospital Yale New Haven Health System, Clinical Instructor, Scarsdale, NY

**William W. Hope, MD**, SEAHEC/UNC-Chapel Hill, Assistant Professor of Surgery, Wilmington, NC

**Toshitaka Hoppo, MD, PhD**, Institute for the Treatment of Esophageal & Thoracic Disease, Allegheny Health Network, General Surgeon, Pittsburgh, PA

**Santiago Horgan, MD**, University of California San Diego, Professor of Surgery., San Diego, CA

**Karen D. Horvath, MD**, University of Washington, Professor of Surgery, Residency Program Director, Associate Chair for Education, Seattle, WA

**Tracy Hull, MD**, The Cleveland Clinic Foundation, Cleveland, Ohio, Professor of Surgery, Cleveland, OH

**Eric Steven Hungness, MD**, Northwestern University, Associate Professor of Surgery, Chicago, IL

**John Hunter, MD**, Oregon Health & Science University, Mackenzie Professor and Chair, Dept. of Surgery, Portland, OR

**Matthew M. Hutter, MD, MPH**, Harvard Medical School, Associate Professor, Boston, MA

**David A. Iannitti, MD**, University of North Carolina, Chapel Hill, Clinical Professor of Surgery, Charlotte, NC

**Haruhiro Inoue, MD**, Digestive Disease Center, Showa University Northern Yokohama Hospital, Professor, Yokohama, Japan

**Masaaki Ito, MD, PhD**, National Cancer Center Hosp, Kashiwa, Japan

**Gretchen Purcell Jackson, MD**, Vanderbilt University, Assistant Professor of Surgery, Pediatrics, and Biomedical Informatics, Nashville, TN

**Brian P. Jacob, MD**, Mount Sinai Medical Center, Assoc Clin Prof of Surgery, New York, NY

**Garth R. Jacobsen, MD**, UCSD, Assistant Professor of Surgery, Rancho Santa Fe, CA

**Rohan Jeyarajah, MD**, Methodist Dallas Medical Center, Director Surgical Oncology, Dallas, TX

**Daniel Bougere Jones, MD**, Harvard Medical School, Professor, Boston, MA

**Aliyah Kanji, MD, FRCSC**, Alberta Health Services, General, MIS and Bariatric Surgery, Columbus, OH

**Sergey V. Kantsevov, MD**, University of Maryland School of Medicine, Clinical Professor of Medicine, Baltimore, MD

**Kent W. Kercher, MD**, Carolinas Medical Center, Clinical Professor of Surgery, Charlotte, NC

**Herman Kessler, MD**, Cleveland Clinic, Cleveland, OH

**Leena Khaitan, MD**, University Hospitals, Case Medical Center, Associate Professor of Surgery, Chardon, OH

**Kosar A. Khwaja, MD**, McGill University, MIS for Acute Care Surgeons, Montreal, QC, Canada

**Young-Woo Kim, MD**, Research Institute & Hospital, National Cancer Center, Chief of Department of Surgery, Kyonggi, South Korea

**Seon-Han Kim, MD**, Korea University College of Medicine, Professor of Surgery, Seoul, South Korea

**Hyung-Ho Kim, MD**, Department of surgery, Seoul National University College of Medicine, Seoul, Korea/Department of Surgery, Seoul National University Bundang Hospital, Professor/ Chairman, Seongnam, South Korea

**Michael L. Kochman, MD**, Perelman School of Medicine at the University of Pennsylvania, Wilmott Family Professor of Medicine, Philadelphia, PA

**Geoffrey Paul Kohn, MD, Msurg, FRACS**, Melbourne Upper GI Surgical Group; Monash University's Eastern Health Clinical School, Upper Gastrointestinal Surgeon, Melbourne, VIC, Australia

# SAGES Invited Faculty List



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**Mukta Krane, MD**, University of Chicago Medicine, Chicago, IL

**Sachin Suresh Kukreja, MD**, UT Southwestern / North Texas Veterans Affairs, Assistant Professor of Surgery, Dallas, TX

**Marina Kurian, MD**, NYU School of Medicine, Asst Professor of surgery, New York, NY

**Antonio M. Lacy, MD**, University of Barcelona, Professor of Surgery, Barcelona, Spain

**Woo-Jeong Lee, MD**, Yonsei University Health System, Professor, Seoul, South Korea

**Herbert Lerner, MD**, Food and Drug Administration, Silver Spring, MD

**Richard Levin, MD**, The Arnold P. Gold Foundation, New York and McGill Universities, President and CEO, Emeritus Professor of Medicine, Englewood Cliffs, NJ

**Anne O. Lidor, MD**, Johns Hopkins University SOM, Associate Professor of Surgery, Baltimore, MD

**LTC(P) Robert B. Lim, MD**, Tripler Army Medical Center, Associate Professor of Surgery, Honolulu, HI

**John G. Linn, MD**, NorthShore University Health System, The University of Chicago, Clinical Assistant Professor, Department of Surgery, Evanston, IL

**Olle Ljungqvist, MD, PhD**, Örebro University Hospital, Professor of Surgery, Örebro, Sweden

**Emanuele Lo Menzo, MD**, Cleveland Clinic Florida, Associate Professor of Surgery, Weston, FL

**Claudia Lorenzetti, MD**, Brazil

**Brian Louie, MD**, Swedish Cancer Institute and Swedish Medical Center, Seattle, WA

**Bruce V. MacFadyen Jr, MD**, University of Texas Medical School Houston, Professor of Surgery, Houston, TX

**Amin Madani, MD**, McGill University, Montreal, QC, Canada

**Martin Makary, MD, MPH**, Johns Hopkins Hospital, Associate Professor, Baltimore, MD

**Samaad Malik, MD, MSc, FRCSC**, University of British Columbia, Victoria, BC, Canada

**Peter W. Marcello, MD**, Lahey Hospital and Medical Center, Chairman, Department of Colon & Rectal Surgery, Burlington, MA

**Jeffrey M. Marks, MD**, Case Medical Center, Professor, Cleveland, OH

**John H. Marks, MD**, Lankenau Institute for Medical Research, Professor, Wynnewood, PA

**Gerald Marks, MD**, Lankenau Institute for Medical Research, Professor, Wynnewood, PA

**Michael R. Marohn, MD**, Johns Hopkins University School of Medicine, Associate Professor of Surgery, Baltimore, MD

**COL Matthew Jeffrey Martin, MD**, Madigan Army Medical Center, Trauma Medical Director, Olympia, WA

**Jose M. Martinez, MD**, University of Miami, Miller School of Medicine, Associate Professor of Surgery, Miami, FL

**John Martinie, MD**, Carolinas Medical Center, Associate Professor of Surgery, Charlotte, NC

**Samer G. Mattar, MD**, Oregon Health and Science University, Professor of Surgery, Portland, OR

**Brent D. Matthews, MD**, Carolinas Medical Center, Professor of Surgery, Charlotte, NC

**David A. McClusky, MD**, St. Luke's Wood River Medical Center, Ketchum, ID

**Michael Francis McGee, MD**, Northwestern University, Assistant Professor of Surgery, Tulsa, OK

**Mabula Mchembe, MD**, Dar-es-salaam, TZ

**Elisabeth C. McLemore, MD**, University of California, San Diego, Associate Professor of Surgery, La Jolla, CA

**Kelly McQueen, MD, MPH**, Vanderbilt University, Nashville, TN

**John D. Mellinger, MD**, Southern Illinois University, J. Roland Folse Endowed Chair in Surgery, Professor and Chair of General Surgery, Springfield, IL

**W. Scott Melvin, MD**, Montefiore Medical Center - The Univ. Hospital for Albert Einstein College of Medicine, Professor of Surgery, Bronx, NY

**Dean J. Mikami, MD**, The Ohio State University, Associate Professor of Surgery, Columbus, OH

**John R.T. Monson, MD**, University of Rochester, Professor of Surgery, Rochester, NY

**Alberto Montori, MD**, University of Rome Sapienza, Rome, Italy

**Eduardo Moreno-Paquentin, MD**, ABC Hospital, Tlalcala Santa Fe, Mexico

**Mario Morino, MD**, University Hospital of Torino, Torino, Italy

**Malcolm G. Munro, MD**, University of California, Los Angeles AND Kaiser Permanente, Los Angeles Medical Center, Professor, Los Angeles, CA

**Kenric M. Murayama, MD**, Temple University School of Medicine, Professor of Surgery (Adjunct), Abington, PA

**Jamie Murphy, MD**, National Centre for Bowel Research and Surgical Innovation, UK, London, UK

**Matthew G. Mutch, MD**, Washington University School of Medicine, Associate Professor of Surgery, St Louis, MO

**Alex P. Nagle, MD**, Northwestern University, Associate Professor of Surgery, Chicago, IL

**Ninh Tuan Nguyen, MD**, University of California Irvine Medical Center, Professor of Surgery, Orange, CA

**Sabrena F. Noria, MD, PhD**, The Ohio State University, Assistant Professor, Columbus, OH

**Yuri Novitsky, MD**, Case Western Reserve University, Associate Professor of Surgery, Cleveland, OH

**Fiemu E. Nwariaku, MD**, UT Southwestern Med Ctr, Professor of Surgery and Associate Dean for Global Health, Dallas, TX

**Brant K. Oelschlager, MD**, University of Washington Department of Surgery, Professor of Surgery, Seattle, WA

**Allan E. Okrainec, MD**, University of Toronto, Associate Professor, Toronto, ON, Canada

**Dmitry Oleynikov, MD**, Omaha, NE

**Raymond P. Onders, MD**, Case Western Reserve University, Professor of Surgery, Remen Chair in Surgical Innovation, Shaker Heights, OH

**Sergelen Orgoi, MD**, Health Sciences University of Mongolia, Chief of Surgery, Ulaanbaatar, Mongolia

**John T. Paige, MD**, LSU Health New Orleans School of Medicine, Associate Professor of Clinical Surgery, New Orleans, LA

**Vanessa N. Palter, MD, PhD**, University of Toronto, Toronto, ON, Canada

**Juan Pablo Pantoja, MD**, Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico DF, Mexico

**Adrian Park, MD**, Anne Arundel Medical Center, Annapolis, MD

**John J. Park, MD**, Rosalind Franklin University of Medicine and Science, Associate Professor of Surgery, Park Ridge, IL

**Ankit Dilip Patel, MD**, Emory University, Assistant Professor of Surgery, Atlanta, GA

**Marco G. Patti, MD**, University of Chicago Pritzker School of Medicine, Chicago, IL

**Eric Mark Pauli, MD**, Penn State Hershey Medical Center, Assistant Professor of Surgery, Hershey, PA

**Jonathan P. Pearl, MD**, University of Maryland School of Medicine, Assistant Professor of Surgery, Baltimore, MD



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## SAGES Invited Faculty List

**Juan Pekolj, MD, PhD**, Hospital Italiano  
Buenos Aires Argentina, Buenos Aires,  
Argentina

**Nicole Pena, MD**

**Joseph B. Petelin, MD**, University of  
Kansas School of Medicine, Dept of  
Surgery, Clinical Associate Professor,  
Shawnee Mission, KS

**Clayton Petro, MD**, Case Western Reserve  
University, Cleveland, OH

**Melissa Susan Phillips, MD**, University of  
Tennessee, Assistant Professor, Knoxville, TN

**Edward H. Phillips, MD**, Cedars Sinai  
Health System, Professor of Surgery, Los  
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	Bard	Research	PI on project	Faculty/Reviewer
	C2 Therapeutics	Consulting Fee	Consultant	Faculty/Reviewer
	Gore	Consulting Fee	Consultant	Faculty/Reviewer
	Novadaq	Consulting Fee	Consultant	Faculty/Reviewer
<b>Brian J. Dunkin</b>	Boston Scientific	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	Covidien	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	Ethicon	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	Olympus	Honoraria	Speaking/Teaching	Planning Committee/Faculty
<b>David Bryan Earle</b>	Atrium Medical	Consulting Fee	Consultant	Faculty
	Bard	Consulting Fee	Consultant	Faculty
	Covidien	Consulting Fee	Consultant	Faculty
	Endosphere	Ownership Interest	Advisory Committee	Faculty
	Foundation for Surgical Fellowships	Grant Support	MIS Fellowship Director	Faculty
	Kensey-Nash	Consulting Fee	Consultant	Faculty
	RTI Surgical	Consulting Fee	Consultant	Faculty
	Surgiquest	Honoraria	Advisory Committee	Faculty
	Via Surgical	Ownership Interest	Advisory Committee	Faculty
<b>C. Neal Ellis</b>	Cook Surgical Inc	Consulting Fee	Consultant	Faculty
<b>Matt Fahy*</b> <i>*faculty for non-CME accredited session</i>	Covidien	Salary	Management Position	Faculty
	Olympus Surgical Technologies America	Salary	Management Position	Faculty
<b>Robert D. Fanelli</b>	Cook Surgical, Inc	Royalty	Independent Contractor	Planning Committee/Faculty/Reviewer
	EndogastricSolutions	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	New Wave Surgical Corp.	Ownership Interest	Advisory Committee	Planning Committee/Faculty/Reviewer
	New Wave Surgical Corp.	Ownership Interest	Board Member	Planning Committee/Faculty/Reviewer
<b>Tim Farrell</b>	Best Doctors	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	New Wave Surgical	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	Teleflex Medical	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
<b>Nicole M. Fearing</b>	Applied Medical	Lab Equipment	Research	Planning Committee/Reviewer
	Gore	Lab Equipment	Research	Planning Committee/Reviewer

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Name	Commercial Interest	What was received	For what role	Meeting Responsibility
<b>Liane S. Feldman</b>	ConMed	Unrestricted Educational Grant	Developer of educational program in electrosurgery	Planning Committee/Faculty/Reviewer
	Covidien	Center of Excellence Grant	co_PI	Planning Committee/Faculty/Reviewer
	Covidien	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	Ethicon Canada	Research	Investigator-initiated research	Planning Committee/Faculty/Reviewer
<b>Edward L. Felix</b>	Cardica	Consulting Fee	Consultant	Planning Committee/Reviewer
<b>Abe L. Fingerhut</b>	NovoGI	Honoraria	Speaking/Teaching	Faculty
<b>Lauren J. Fischer</b>	Ethicon Endosurgery	Consulting Fee	Consultant	Planning Committee/Reviewer
<b>Morris E. Franklin Jr</b>	Aesculap	Consulting Fee	Consultant	Faculty
	Atrium	Consulting Fee	Consultant	Faculty
	Cook	Consulting Fee	Speaking/Teaching	Faculty
	Covidien	Honoraria	Speaking/Teaching	Faculty
	Ethicon	Honoraria	Speaking/Teaching	Faculty
	KCI	Consulting Fee	Consultant	Faculty
	Stryker	Consulting Fee	Advisory Committee	Faculty
	W.L. Gore	Honoraria	Advisory Committee	Faculty
<b>Gerald M. Fried</b>	CAE Healthcare	No Compensation	Son works for CAE Healthcare in surgical training and simulation	Planning Committee/Faculty
	Covidien	Fellowship and research support	Department Chair	Planning Committee/Faculty
	Covidien	Research	Principle investigator for investigator initiated research, supported by industry	Planning Committee/Faculty
<b>Karl H. Fuchs</b>	Olympus	Research	Consultant	Faculty
<b>Luke M Funk</b>	Bard Medical	Honoraria	Consultant	Faculty
<b>Manoel P Galvao Neto</b>	ALACER Biomedica	Honoraria	Advisory Committee	Faculty
	Apollo EndoSurgery	Consulting Fee	Consultant	Faculty
	Endostim	Consulting Fee	Consultant	Faculty
	Ethicon EndoSurgery	Consulting Fee	Consultant	Faculty
	GI Dynamics	Honoraria	Advisory Committee	Faculty
<b>Keith Steven Gersin</b>	Cadence Pharma	Honoraria	Speaking/Teaching	Faculty
	GI Dynamics Inc	Ownership Interest	Consultant	Faculty
	GI Dynamics Inc	Salary	Consultant	Faculty
	W.L.Gore	Honoraria	Speaking/Teaching	Faculty
<b>Matthew I. Goldblatt</b>	Covidien	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Davol	Research	Investigator in industry sponsored study	Planning Committee/Faculty/Reviewer
	Gore	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Gore	Research	Investigator in industry sponsored study	Planning Committee/Faculty/Reviewer
<b>Jacob Andrew Greenberg</b>	Bard Davol	Consulting Fee	Consultant	Reviewer
	Bard-Davol	Consulting Fee	Consultant	Reviewer
<b>John A. Hagen</b>	J&J, Covidien	Honoraria	Speaking/Teaching	Faculty/Reviewer
<b>Randy S. Haluck</b>	Micromechatronics Inc.	Ownership Interest	Advisory Committee	Reviewer
	Synthes	Consulting Fee	Consultant	Reviewer
<b>Robert H. Hawes</b>	Apollo Endosurgery	Ownership Interest	If the company is purchased or there is an IPO- will receive stocks as a founding member	Faculty
	Boston Scientific	Consulting Fee	Consultant	Faculty
	Cook	Honoraria	Speaking/Teaching	Faculty
	Cook Endoscopy	Honoraria	Speaking/Teaching	Faculty
	Olympus	Consulting Fee	Consultant	Faculty





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<b>B. Todd Heniford</b>	Ethicon, Inc.	Honoraria	Speaking/Teaching	Faculty
	Lifecell	Research	Independent Contractor	Faculty
	Synovis	Research	Independent Contractor	Faculty
	WL Gore	Research Grant	Research Grant	Faculty
<b>Daniel M. Herron</b>	Covidien	Consulting Fee	Consultant	Planning Committee/Faculty
<b>William W. Hope</b>	Bard/Daval	Honoraria	Consultant	Faculty/Reviewer
	Ethicon	Research	Take part in international hernia mesh registry trial	Faculty/Reviewer
<b>Santiago Horgan</b>	Apollo	Stock	Stock Holder	Planning Committee/Faculty
	Eon Surgical	Stock	Stock Holder	Planning Committee/Faculty
	Ethicon Endo Surgery	Consulting Fee	Speaking/Teaching	Planning Committee/Faculty
	Gore	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	Intuitive	Consulting Fee	Speaking/Teaching	Planning Committee/Faculty
	Olympus	Consulting Fee	Speaking/Teaching	Planning Committee/Faculty
	Stryker	Consulting Fee	Speaking/Teaching	Planning Committee/Faculty
	USGI	Stock	Stock Holder	Planning Committee/Faculty
	Valentx	Stock	Stock Holder	Planning Committee/Faculty
	Virtual Ports	Stock	Stock Holder	Planning Committee/Faculty
<b>John Hunter</b>	Endogastric Solutions	Consulting Fee	Consultant	Faculty
	Springer Inc.	Honoraria	Editor-in-Chief, World Journal of Surgery	Faculty
<b>David A. Iannitti</b>	Covidien	Research	Consultant	Faculty
<b>Haruhiro Inoue</b>	Boston	Research grant to our department	Speaking/Teaching	Faculty
	Olympus	Research	Consultant	Faculty
	Olympus	travel expenses	Speaking/Teaching	Faculty
<b>Brian P. Jacob</b>	Covidien	Honoraria	Speaking/Teaching	Faculty
	Via Surgical	Ownership Interest	Advisory Committee	Faculty
<b>Garth R. Jacobsen</b>	Ethicon	Honoraria	Speaking/Teaching	Faculty/Reviewer
	WL Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
<b>Daniel Bougere Jones</b>	Allurion	Ownership Interest	Consultant	Planning Committee/Faculty/Reviewer
	Cine-Med	Royalty	Book royalties	Planning Committee/Faculty/Reviewer
<b>Kent W. Kercher</b>	Bard	Honoraria	Speaking/Teaching	Faculty
	Ethicon	Honoraria	Speaking/Teaching	Faculty
<b>Michael L. Kochman</b>	BSC	Consulting Fee	Consultant	Faculty/Reviewer
	Cook	IP Rights	Patents sold, 2011	Faculty/Reviewer
	Dark Canyon Labs	Ownership Interest	Consultant	Faculty/Reviewer
	Olympus	Consulting Fee	Consultant	Faculty/Reviewer
<b>Shanu N. Kothari</b>	Covidien	Consulting Fee	Consultant	Reviewer
	Torax	Honoraria	Speaking/Teaching	Reviewer
<b>Matthew D. Kroh</b>	Cook	Honoraria	Speaking/Teaching	Reviewer
	Covidien	Honoraria	Consultant	Reviewer
	Ethicon	Honoraria	Consultant	Reviewer
	Teleflex Medical	Consulting Fee	Consultant	Reviewer
<b>Marina Kurian</b>	Allergan	Honoraria	Advisory Committee	Planning Committee/Faculty/Reviewer
	Allergan	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
<b>Timothy S. Kuwada</b>	Daval	Honoraria	Speaking/Teaching	Reviewer
	WL Gore	Honoraria	Speaking/Teaching	Reviewer
<b>James N. Lau</b>	Lap IQ	Ownership Interest	Advisory Committee	Reviewer
	Miret Surgical	Ownership Interest	Advisory Committee	Reviewer

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Name	Commercial Interest	What was received	For what role	Meeting Responsibility
<b>Robert B. Lim</b>	UptoDate	Royalty, Honoraria	Independent contractor	Planning Committee/Faculty/Reviewer
<b>John G. Linn</b>	Covidien	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Covidien	Research funding	Support coordinator for prospective study	Faculty/Reviewer
	WL Gore	Honoraria	Speaking/Teaching	Faculty/Reviewer
<b>Olle Ljungqvist</b>	Danone Research	Consulting Fee	Advisory Committee	Faculty
	Encare AB	Ownership Interest	Board Member	Faculty
<b>Brian Louie</b>	Torax Medical	Not received any monetary funds or other compensation	Medical & Research Advisory Board	Faculty
<b>Amin Madani</b>	ConMed Canada	Unrestricted Educational Grant	Member of academic research group	Faculty
<b>Martin A. Makary</b>	Bloomsbury US	Royalty	Book "Unaccountable"	Faculty/Presenter
	Lippincott	Royalty	Book "Surgery Review"	Faculty/Presenter
<b>Gregory J. Mancini</b>	Bard Davol	Research	Consultant	Reviewer
	Covidien	Honoraria	Speaking/Teaching	Reviewer
	Intuitive Surgical	Consulting Fee	Speaking/Teaching	Reviewer
	LifeCell	Consulting Fee	Speaking/Teaching	Reviewer
<b>Peter W. Marcello</b>	Applied Medical	Honoraria	Consultant	Faculty
	Covidien	Honoraria	Consultant	Faculty
	Olympus	Honoraria	Consultant	Faculty
<b>Jeffrey M. Marks</b>	apollo endosurgery	Honoraria	Advisory Committee	Planning Committee/Faculty
	Merck	Honoraria	Consultant	Planning Committee/Faculty
	Olympus	Honoraria	Consultant	Planning Committee/Faculty
	W.L.Gore	Honoraria	Consultant	Planning Committee/Faculty
<b>Jose M. Martinez</b>	Boston Scientific	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Covidien	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Lifecell	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Olympus	Honoraria	Speaking/Teaching	Faculty/Reviewer
<b>John Martinie</b>	Intuitive Surgical	Salary	Independent Contractor	Faculty
<b>Brent D. Matthews</b>	Atrium Medical, Inc	Research	Principal Investigator of multicentered, prospective trial evaluating complexity of reoperation after previous ventral hernia repair with intraperitoneal mesh	Planning Committee/Faculty
	WL Gore & Assoc	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	WL Gore, Inc	Research	Co-investigator on multicentered, prospective, longitudinal clinical trial	Planning Committee/Faculty
<b>Elisabeth C. McLemore</b>	Applied Medical	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Covidien	Honoraria	Consultant	Planning Committee/Faculty/Reviewer
	Cubist	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Ethicon Endosurgery	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Genomic Health	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Intuitive Surgical	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Novadeq	Honoraria	fluorescent imaging	Planning Committee/Faculty/Reviewer
<b>Stephen S. McNatt</b>	Covidien	Honoraria	Speaking/Teaching	Planning Committee/Reviewer



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Name	Commercial Interest	What was received	For what role	Meeting Responsibility
<b>W. Scott Melvin</b>	Covidien	Grants	research and training grants	Planning Committee/Faculty/Reviewer
	Stryker Endoscopy	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	Surgiquest	Honorarium	Advisory Committee	Planning Committee/Faculty/Reviewer
	Torax	Research	Consultant	Planning Committee/Faculty/Reviewer
	Transenterix	No Compensation	Advisory Committee	Planning Committee/Faculty/Reviewer
	W L Gore	Research	co investigator	Planning Committee/Faculty/Reviewer
<b>Dean J. Mikami</b>	Covidien	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Gore	Consulting Fee	Consultant	Faculty/Reviewer
<b>Yoav Mintz</b>	EasyLap	Consulting Fee	Consultant	Planning Committee/Reviewer
	EasyNOTES	IP Rights	Advisory Committee	Planning Committee/Reviewer
	Eon Surgical	IP Rights	Advisory Committee	Planning Committee/Reviewer
	Lumenis	Research	Speaking/Teaching	Planning Committee/Reviewer
	Virtual Ports	Research	Consultant	Planning Committee/Reviewer
<b>Malcolm G. Munro</b>	Abbvie Inc	Consulting Fee	Consultant	Faculty
	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
	CooperSurgical Inc	Consulting Fee	Consultant	Faculty
	Ethicon Endosurgery Inc	Consulting Fee	Consultant	Faculty
	Ethicon Women's Health and Urology	Consulting Fee	Consultant	Faculty
	Gynesonics Inc	Consulting Fee	Consultant	Faculty
	Hologic Inc	Consulting Fee	Consultant	Faculty
	Karl Storz Endoscopy Americas	Consulting Fee	Consultant	Faculty
<b>Ninh Tuan Nguyen</b>	Gore	Honoraria	Speaking/Teaching	Faculty
<b>Yuri Novitsky</b>	CR Bard	Consulting Fee	Speaking/Teaching	Faculty
	Kensey Nash	Consulting Fee	Consultant	Faculty
	Lifecell	Honoraria	Speaking/Teaching	Faculty
<b>Brant K. Oelschlager</b>	Covidien	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
	Covidien	Resident education grant	Management Position	Faculty/Reviewer
	Endogastric Solutions	Consulting Fee	Speaking/Teaching	Faculty/Reviewer
	Synovis Surgical Innovations	Research	Principal Investigator	Faculty/Reviewer
	Torax Medical	Research	Principal Investigator	Faculty/Reviewer
<b>Allan E. Okrainec</b>	Covidien	Educational grant for fellowship program	Fellowship Program Director	Faculty
	Covidien	Honoraria	Speaking/Teaching	Faculty
<b>Dmitry Oleynikov</b>	lifecell	Research	principal investigator	Planning Committee/Faculty/Reviewer
	Virtual Incision corp	Ownership Interest	Board Member	Planning Committee/Faculty/Reviewer
<b>Raymond P. Onders</b>	Synapse Biomedical	Ownership Interest	Management Position	Faculty/Reviewer
<b>David W. Overby</b>	Teleflex	Honoraria	Consultant	Reviewer
<b>John T. Paige</b>	Oxford University Press	Royalty	Co-editor for book Simulation in Radiology	Planning Committee/Faculty/Reviewer
<b>Adrian Park</b>	stryker endoscopy	Honoraria	Advisory Committee	Planning Committee/Faculty
<b>Eric M Pauli</b>	Bard	Honoraria	Speaking/Teaching	Faculty/Presenter/Reviewer
	Synapse Biomedical	Honoraria	Speaking/Teaching	Faculty/Presenter/Reviewer
	Synthes	Honoraria	Speaking/Teaching	Faculty/Presenter/Reviewer
<b>Nicole Pena</b>	Apollo Endosurgery	Fee	Proctor	Faculty

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Name	Commercial Interest	What was received	For what role	Meeting Responsibility
<b>Jeffrey H. Peters</b>	C2 Therapeutics	Research	PI	Faculty
	Given Imaging	Honoraria	Advisory Committee	Faculty
	Torax Medical Inc	Research	PI	Faculty
<b>Melissa Susan Phillips</b>	Allergan	Consulting Fee	Advisory Committee	Faculty
	Cook Medical	Consulting Fee	Consultant	Faculty
	LifeCell, Inc.	Consulting Fee	Consultant	Faculty
<b>Richard A. Pierce</b>	CareFusion	Salary	Wife is Employed by CareFusion-Pyxis Med Distribution System Division	Reviewer
	Ethicon	Honoraria	Consultant	Reviewer
	Synovis	Honoraria	Speaking/Teaching	Reviewer
<b>Alessio Pigazzi</b>	Covidien	Honoraria	Speaking/Teaching	Faculty
	Intuitive Surgical	Honoraria	Consultant	Faculty
<b>Alfons Pomp</b>	Covidien	Honoraria	Speaking/Teaching	Faculty
	W.L. Gore and Associates	Honoraria	Speaking/Teaching	Faculty
<b>Jaime Ponce</b>	Alergan	Consulting Fee	Consultant	Faculty
	Gore	Honoraria	Speaking/Teaching	Faculty
	Reshape Medical	Research	Consultant	Faculty
<b>Todd Ponsky</b>	Stryker Endoscopy	Consulting Fee	Consultant	Reviewer
	teleflex	Consulting Fee	Consultant	Reviewer
	Teleflex & Stryker	Consulting Fee	Consultant	Reviewer
<b>Aurora Dawn Pryor</b>	Barosense	Ownership Interest	Advisory Committee	Planning Committee/Faculty/Reviewer
	Covidien	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Transenterix	Ownership Interest	Consultant	Planning Committee/Faculty/Reviewer
<b>Carla Marie Pugh</b>	CAE Healthcare	Royalty	Consultant	Faculty
	CAE Healthcare	Royalty	Patent holder	Faculty
<b>Archana Ramaswamy</b>	covidien	Honoraria	Speaking/Teaching	Planning Committee/Reviewer
<b>Bruce J. Ramshaw</b>	B. Braun	Honoraria	Speaking/Teaching	Faculty
	Covidien	Honoraria	Speaking/Teaching	Faculty
	Ethicon	Honoraria	Speaking/Teaching	Faculty
	MTF	Research	Grant	Faculty
	Novus	Consulting Fee	Speaking/Teaching	Faculty
	STS	Consulting Fee	Advisory Committee	Faculty
	WL Gore	Honoraria	Speaking/Teaching	Faculty
<b>David W. Rattner</b>	Olympus	Consulting Fee	Consultant	Faculty
	TransEnterix	Honoraria	Advisory Committee	Faculty
<b>Kevin M. Reavis</b>	Endogastric Solutions	Consulting Fee	Consultant	Faculty
	Ethicon	Honoraria	Advisory Committee	Faculty
	Stryker	No compensation received to date	Advisory Committee	Faculty
	WL Gore	Honoraria	Speaking/Teaching	Faculty
<b>Jay A. Redan</b>	Cadence Pharma	Honoraria	Speaking/Teaching	Faculty
	Covidien	Consulting Fee	Consultant	Faculty
	Genzyme Biosurgery	Honoraria	Speaking/Teaching	Faculty
	Johnson and Johnson	Honoraria	Speaking/Teaching	Faculty
	Pacira Pharmaceuticals	Honoraria	Speaking/Teaching	Faculty
<b>David B. Renton</b>	covidien	Consulting Fee	Consultant	Faculty/Reviewer
	Stryker	Consulting Fee	Consultant	Faculty/Reviewer
<b>William O. Richards</b>	PAIX Medical	Ownership Interest	Advisory Committee	Faculty
<b>Kurt E. Roberts</b>	Novatract	IP Rights	Co-founder	Faculty





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<b>Name</b>	<b>Commercial Interest</b>	<b>What was received</b>	<b>For what role</b>	<b>Meeting Responsibility</b>
<b>Thomas N. Robinson</b>	ConMed Electrosurgery	Honoraria	Speaking/Teaching	Faculty
	Covidien	Honoraria	Speaking/Teaching	Faculty
	Karl Storz Endoscopy	Research	Principal Investigator	Faculty
	Medtronic, Inc	Research	Principal Investigator	Faculty
<b>Michael J. Rosen</b>	Davol	Grant	Research Grants	Faculty
	davol	Honoraria	Speaking/Teaching	Faculty
	Lifecell	Honoraria	Speaking/Teaching	Faculty
	W.L.Gore	Grant	Research Grant Support	Faculty
<b>Raul J. Rosenthal</b>	baxter	Educational Grant	conference	Planning Committee/Faculty
	covidien	Educational Grant	conferences	Planning Committee/Faculty
	ethicon	Educational Grant	conferences	Planning Committee/Faculty
	ethicon	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	storz endoscopy	Educational Grant	conferences	Planning Committee/Faculty
<b>Sharona B. Ross</b>	Covidien	Consulting Fee	Consultant	Planning Committee/Faculty/ Reviewer
	Merck	consultant	Consultant	Planning Committee/Faculty/ Reviewer
	Olympus	Honoraria	Speaking/Teaching	Planning Committee/Faculty/ Reviewer
<b>James C. Rosser Jr</b>	Ethicon	Consulting Fee	Consultant	Faculty
	stealth learning company	Ownership Interest	Employment	Faculty
	Stryker	Research	Advisory Committee	Faculty
<b>John Scott Roth</b>	Allergan	Honoraria	Consultant	Faculty/Reviewer
	CR Bard	Honoraria	Consultant	Faculty/Reviewer
	CR Bard	Research	Investigator	Faculty/Reviewer
	LifeCell	Honoraria	Consultant	Faculty/Reviewer
	MTF	Research	Investigator	Faculty/Reviewer
	New Wave Surgical	Honoraria	Consultant	Faculty/Reviewer
<b>Barry A. Salky</b>	Cook Medical	Ownership Interest	Independent Contractor	Faculty
	cook Medical	Patent sale and are in the process of developing a product	Helping develop the product and will eventually receive royalties	Faculty
	Deliverance LTD	Stock	Advisory Committee	Faculty
<b>Jaime Eduardo Sanchez</b>	Cubist Pharmaceuticals	Honoraria	Speaking/Teaching	Reviewer
	Salix Pharmaceuticals	Honoraria and Consulting Fee	Speaker/Training and Independent Training Consultant	Reviewer
<b>Ganesh Sankaranarayanan</b>	Endosim LLC	Undergraduate Student Support	Undergraduate Student Support	Faculty
	Simulaids Inc.	Undergraduate Student Support	Undergraduate Student Support	Faculty
<b>Fernando Santos</b>	Northwestern University	Ownership Interest; no financial income to date	Patent applicant and potential future licensing/ownership interests related to simulator	Faculty
<b>Richard M. Satava</b>	InTouch Technologies, Inc	minor amount of stock	Inverstor	Faculty
	Intuitive Surgical Inc	Research	Principle Investigator on a grant from Intuitive Surgical	Faculty
	Intuitive Surgical Inc	Unrestricted educ. grant through MIRA robotic society to develop curriculum	Principal Investigator of the grant	Faculty
	King Saud University	Consulting Fee	Consultant	Faculty
<b>Bruce D. Schirmer</b>	Allurion Inc	Advisory Board	Consultant	Planning Committee/Faculty
	Allurion Inc	stock	Consultant	Planning Committee/Faculty
<b>Christopher M. Schlachta</b>	Ethicon	Honoraria	Advisory Committee	Planning Committee/Faculty/ Presenter/Reviewer
	Ethicon Canada	Consulting Fee	Advisory Committee	Planning Committee/Faculty/ Presenter/Reviewer
	Minogue Medical	Honoraria	Consultant	Planning Committee/Faculty/ Presenter/Reviewer

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<b>Steven D. Schwartzberg</b>	Acuity Bio	Ownership Interest	Advisory Committee	Planning Committee/Faculty
	Cambridge Endo	Ownership Interest	Advisory Committee	Planning Committee/Faculty
	Endocore	Consulting Fee	Independent Contractor	Planning Committee/Faculty
	MITI	Ownership Interest	Advisory Committee	Planning Committee/Faculty
	MMDI	Consulting Fee	Consultant	Planning Committee/Faculty
	Neatstitch	Ownership Interest	Advisory Committee	Planning Committee/Faculty
	Olympus	Consulting Fee	Consultant	Planning Committee/Faculty
	Stryker	Consulting Fee	Consultant	Planning Committee/Faculty
	Surgiquest	Ownership Interest	Advisory Committee	Planning Committee/Faculty
<b>Daniel J. Scott</b>	Accelerated Technologies, Inc.	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	Covidien	Lab Equipment	Sponsored research, advisory panel, teaching	Planning Committee/Faculty/Reviewer
	Ethicon	Lab Equipment	sponsored research	Planning Committee/Faculty/Reviewer
	Karl Storz Endoscopy	Lab Equipment Support	sponsored research	Planning Committee/Faculty/Reviewer
	Magnetically Anchored Instruments	IP Rights	Co-inventor	Planning Committee/Faculty/Reviewer
	Neat Stitch, Inc.	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
<b>Niazy M. Selim</b>	Covidien	Honoraria	Speaking/Teaching	Planning Committee
	Intuitive Surgicsl	Honoraria	Speaking/Teaching	Planning Committee
<b>Don J. Selzer</b>	Cook Biotech	Consulting Fee	Advisory Committee	Planning Committee/Faculty
<b>Anthony J. Senagore</b>	Cubist Pharmaceuticals	Honoraria	Advisory Committee	Faculty
	Edwards Life Sciences	Honoraria	Advisory Committee	Faculty
	Ethicon Endosurgery	Honoraria	Speaking/Teaching	Faculty
	Mederi Therapeutics	Salary	Management Position	Faculty
	Nestles	Will be receiving an institutional unrestricted grant for research in immunonutrition research	Researcher	Faculty
<b>Phillip P. Shadduck</b>	Allergan Medical	Consulting Fee	Consultant	Planning Committee/Faculty
	Ethicon	Consulting Fee	Consultant	Planning Committee/Faculty
	Lifecell	Consulting Fee	Consultant	Planning Committee/Faculty
	Teleflex Medical	Consulting Fee	Consultant	Planning Committee/Faculty
	Transenterix	Consulting Fee	Consultant	Planning Committee/Faculty
<b>Pareesh C. Shah</b>	Olympus	Honoraria	Consultant	Planning Committee/Faculty/Reviewer
	stryker	Honoraria	Advisory Committee	Planning Committee/Faculty/Reviewer
	Suturtek	Ownership Interest	Consultant	Planning Committee/Faculty/Reviewer
	transenterix	Ownership Interest	Consultant	Planning Committee/Faculty/Reviewer
	Ventralfix	Ownership Interest	Management Position	Planning Committee/Faculty/Reviewer
<b>Bethany Slater</b>	Karl Storz	Consulting Fee	Consultant	Presenter
<b>C. Daniel Smith</b>	Torax Medical, Inc	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
	Torax Medical, Inc.	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	ValenTx, Inc.	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer
<b>Stuart Jon Spechler</b>	Takeda Pharmaceuticals, Inc.	Consulting Fee	Consultant	Faculty
<b>Steven C. Stain</b>	United Health Care GI Advisory Board	Consulting Fee	Advisory Committee	Planning Committee/Faculty
<b>Scott Russell Steele</b>	Ethicon Endosurgery	Honoraria	Speaking/Teaching	Faculty
	Sanofi Genzyme	Honoraria	Speaking/Teaching	Faculty



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	Ethicon	Honoraria	Speaking/Teaching	Faculty
	Gore	Honoraria	Speaking/Teaching	Faculty
<b>Sharon L. Stein</b>	Covidien	Honoraria	Speaking/Teaching	Faculty
	Ethicon	Consulting Fee	Advisory Committee	Faculty
<b>Nathaniel Floyd Nicolas Stoikes</b>	Bard Davol	Research	Consultant	Reviewer
<b>Lee L. Swanstrom</b>	Boston Scientific	Consulting Fee	Consultant	Faculty
	Cardica	stock options	Review Panel	Faculty
	Olympus	Consulting Fee	Consultant	Faculty
	safestitch	Honoraria	Consultant	Faculty
	USGI	IP Rights	Consultant	Faculty
	Wolf	IP Rights	Consultant	Faculty
<b>Patricia Sylla</b>	Applied Medical	Honoraria	Speaking/Teaching	Planning Committee/Faculty
	Covidien	Honoraria	Consultant	Planning Committee/Faculty
	Novatract Surgical	Honoraria	Consultant	Planning Committee/Faculty
	Olympus	Honoraria	Consultant	Planning Committee/Faculty
<b>Samuel Szomstein</b>	Covidien	Honoraria	Consultant	Faculty
	Ethicon EndoSurgery	Honoraria	Consultant	Faculty
<b>Mark A. Talamini</b>	Ethicon Endosurgery	Honoraria	Consultant	Planning Committee/Faculty
<b>Ali Tavakkoli</b>	Avaxia Biologics	Ownership Interest	Previously on the advisory board	Planning Committee/Faculty/Reviewer
	GSK	Research	Research support	Planning Committee/Faculty/Reviewer
<b>Dana Alexa Telem</b>	Ethicon (J&J)	Consulting Fee	Consultant	Reviewer
<b>Julie K. Thacker</b>	Premier	Consulting Fee	Consultant	Faculty
<b>Christopher C Thompson</b>	Apollo Endosurgery	Consulting Fee	Consultant	Faculty
	Apollo Endosurgery	Research	Consultant	Faculty
	Barosense	Consulting Fee	Consultant	Faculty
	Beacon Endoscopic	Ownership Interest	Consultant	Faculty
	Boston Scientific	Consulting Fee	Consultant	Faculty
	Olympus	Consulting Fee	Consultant	Faculty
	Olympus	Equipment loan.	Consultant	Faculty
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<b>Shawn T. Tsuda</b>	LifeCell Corporation	Consulting Fee	Consultant	Reviewer
<b>Michael B. Ujiki</b>	Apollo	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Covidien	Honoraria	Speaking/Teaching	Faculty/Reviewer
	GORE	Honoraria	Speaking/Teaching	Faculty/Reviewer
	Olympus	Consulting Fee	Consultant	Faculty/Reviewer
<b>Kent R. Van Sickle</b>	Covidien	Honoraria	Speaking/Teaching	Planning Committee/Reviewer
<b>Melina C. Vassiliou</b>	Covidien	Funding for Research Lab	Research	Faculty
<b>Richard M. Vazquez</b>	Single Point of Truth Medical Software, LLC	Ownership Interest	Owner with 51% interest as owner and owner of intellectual property.	Planning Committee/Faculty
<b>Sivamainthan Vithiananthan</b>	bard davol	Consulting Fee	Consultant	Reviewer
<b>Guy R. Voeller</b>	CR Bard	Hourly Pay/Grant	Consultant/Speaker/Research	Faculty
	WL Gore	Hourly Pay	Speaking/Teaching	Faculty
<b>Danielle S Walsh</b>	Ethicon	Honoraria	Speaking/Teaching	Faculty

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	Covidien	Royalty	Inventor	Faculty
	CRH Medical	Ownership Interest	former consulting	Faculty
	Cubist	Consulting Fee	Consultant	Faculty
	EZ Surgical	Ownership Interest	former consulting	Faculty
	Incontinence Devices Inc	Consulting Fee	Consultant	Faculty
	Intuitive Surgical	Ownership Interest	former consulting	Faculty
	Karl Storz Endoscopy America Inc	Consulting Fee	Consultant	Faculty
	Karl Storz Endoscopy America Inc	Royalty	Inventor	Faculty
	Karl Storz Endoscopy American Inc	IP Rights	Inventor	Faculty
	LifeBond	Consulting Fee	Consultant	Faculty
	Mederi Therapeutics	Consulting Fee	Consultant	Faculty
	Medtronic Inc	Honoraria	Speaking/Teaching	Faculty
	NeatStitch	Ownership Interest	former consulting	Faculty
	Novadaq	Honoraria	Speaking/Teaching	Faculty
	novoGI	Consulting Fee	Consultant	Faculty
	novoGI	IP Rights	Inventor	Faculty
	novoGI	Royalty	Inventor	Faculty
	Pacira Pharmaceuticals	Consulting Fee	Consultant	Faculty
	Precision Therapeutics	Consulting Fee	Consultant	Faculty
	Premier Research	Honoraria	Review Panel	Faculty
	Salix Therapeutics	Consulting Fee	Consultant	Faculty
	Unique Surgical Innovations	IP Rights	Management Position	Faculty
	Unique Surgical Innovations	Royalty	Management Position	Faculty
<b>Richard Larry Whelan</b>	Ethicon Endosurgery	Consulting Fee	Consultant	Faculty
	Olympus Corp	Consulting Fee	Consultant	Faculty
<b>Mark H. Whiteford</b>	Covidien	Honoraria	Speaking/Teaching	Faculty
	Richard Wolf Medical Instruments	Consulting Fee	Consultant	Faculty
<b>Erik B. Wilson</b>	Ethicon Endo-Surgery	Consulting Fee	Speaking/Teaching	Faculty
	Gore	Consulting Fee	Speaking/Teaching	Faculty
	Intuitive Surgical	Consulting Fee	Speaking/Teaching	Faculty
	Olympus	Consulting Fee	Speaking/Teaching	Faculty
<b>Sherry M. Wren</b>	Intuitive Surgical	Consulting Fee	Consultant	Faculty
	Intuitive Surgical Assoc	proctoring fee	Independent Contractor	Faculty
<b>Amitai Ziv</b>	Simbionix USA Inc.	Consulting Fee	Speaking/Teaching	Faculty
<b>Brian Zuckerbraun</b>	pfiger	Honoraria	Speaking/Teaching	Faculty
<b>Natan Zundel</b>	apollo	Honoraria	Consultant	Planning Committee/Faculty/Reviewer
	Applied	Honoraria	Advisory Committee	Planning Committee/Faculty/Reviewer
	CineMed	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Covidien	Honoraria	Speaking/Teaching	Planning Committee/Faculty/Reviewer
	Ethicon Endosurgery	Honoraria	Consultant	Planning Committee/Faculty/Reviewer
	Olympus	Consulting Fee	Consultant	Planning Committee/Faculty/Reviewer



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## Posters of Distinction

### P001 LONG-TERM OUTCOME IN LAPAROSCOPIC

**COLECTOMY FOR COLON CANCER** Kiichi Sugimoto, Kazuhiro Sakamoto, Yuichi Tomiki, Michitoshi Goto, Yutaka Kojima, Hiromitsu Komiyama, Makoto Takahashi, Shun Ishiyama, Shingo Ito, Masaya Kawai, Kazuhiro Takehara, Yoshihiko Tashiro, Shinya Munakata, Jun Aoki, Yu Okazawa, Rina Takahashi, Kousuke Mizukoshi; Department of Coloproctological Surgery, Juntendo University Faculty of Medicine, Tokyo, Japan

### P002 PREDICTORS OF 30-DAY READMISSION AFTER

**COLECTOMY** Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Kristopher B Williams, MD, Amanda L Walters, MS, Amy E Lincourt, PhD, MBA, Brant T Heniford, MD, Vedra A Augenstein, MD; Carolinas Medical Center, Department of Surgery, Division of Gastrointestinal & Minimally Invasive Surgery, Charlotte, NC

### P003 LAPAROSCOPIC SLEEVE FUNDOPLASTY. A NOVEL TECHNIQUE TO TREAT TYPE III AND IV HIATAL HERNIA WITH SHORTENED ESOPHAGUS

Luca Giordano, MD, Ben Selvan, MD, Kristine A DellaBadia, MS; Aria Health, Philadelphia

### P004 OUTCOMES OF ANTI-REFLUX SURGERY IN GERD PATIENTS REFRACTORY TO MAXIMAL MEDICAL

**TREATMENT** Radu Pescarus, MD, Christy M Dunst, MD, Mark M Levin, MD, Eran Shlomovitz, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Lee L Swanstrom, MD; Providence Cancer Center, Portland, Oregon

### P005 HIGH-RESOLUTION MANOMETRY FINDINGS IN SYMPTOMATIC POST-NISSEN FUNDOPLICATION PATIENTS WITH NORMAL ENDOSCOPIC CONFIGURATION

Se Ryung Yamamoto, Tommy H Lee, Kalyana C Nandipati, Pradeep Pallati, Kush R Lohani, Sumeet K Mittal; Department of Surgery, Creighton University School of Medicine, Omaha, Nebraska

### P006 TRANSTHORACIC APPROACH IS ASSOCIATED WITH INCREASED RISK OF NEW ONSET ATRIAL FIBRILLATION AFTER ESOPHAGECTOMY.

Kush R Lohani, Kalyana C Nandipati, Sarah E Rollins, Tommy H Lee, Pradeep K Pallati, Se Ryung Yamamoto, Sumeet K Mittal; Department of Surgery, Creighton University School of Medicine, Omaha, Nebraska.

### P007 Withdrawn

### P008 COMPARATIVE STUDY OF LAPAROSCOPIC AND OPEN PANCREATODUODENECTOMIES OVER 15 YEARS IN A TERTIARY CENTRE

C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, S Rajapandian, MS, P S Rajan, MS, R Sathiyamurthy, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

### P009 ENDOSCOPIC ULTRASOUND (EUS) ENHANCES PRE-RESECTION STAGE DETERMINATION COMPARED TO CT

**OR PET FOR AMPULLARY CANCER** Joyce Wong, MD, Zachary J Thompson, PhD, Cynthia Harris, MD, Jason Klapman, MD, Shivakumar Vignesh, MD, Barbara Centeno, MD, Pamela J Hodul, MD; Moffitt Cancer Center

### P010 LAPAROSCOPIC CENTRAL HEPATECTOMY – A

**PARENCHYMAL SPARING ALTERNATIVE** Chen Kuo-hsin, MD, Wu Jiann-Ming, MD, Chen Shian-dian, MD, Chen Ying-Da, MD,

Huang Shu-Yi, MD, Jeng Kuo-Shyang, MD, Lin Tzu-Chao, MD, Chang Yin-Jen, MD, Huang His-Yu, MD, Siow Tiing-Foong, MD, Sum Shao-Yin, MD, Loi Chao-Man, MD, Chio U-Chon, MD; Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, Ban Ciao, Taipei, Taiwan

### P011 REVISION OF PRIMARY SLEEVE GASTRECTOMY TO ROUX-EN-Y GASTRIC BYPASS, INDICATIONS AND OUTCOMES FROM A HIGH VOLUME CENTER

Robert A Casillas, MD, Jorge Zelada Getty, MD, Scott S Um, MD, Benjamin B Kim, MD; Kaiser Permanente West Los Angeles

### P012 VARIATION IN NATIONAL DRG PAYMENTS FOR LAPAROSCOPIC CHOLECYSTECTOMY: HOSPITAL LEVEL ANALYSIS

Pushwaz Virk, MD, Charudutt Paranjape, MD; Akron General Medical Center, Akron, OH

### P013 FEASIBILITY OF TRANSRECTAL HYBRID-NOTES ANTERIOR RESECTION FOR DIVERTICULAR DISEASE

Sebastian H Lamm, MD, Andreas Zerz, MD, Isabell Schmitz, Daniel C Steinemann, MD; Cantonal Hospital Baselland, Department of Surgery, CH-4101 Bruderholz, Switzerland

### P014 MANOS PROCTOCOLECTOMY AND ILEO POUCH ANAL ANASTOMOSIS FOR ULCERATIVE COLITIS

Marta M Tasende Presedo, MD, Salvadora Delgado, MD, Gabriel G Diaz Del Gobbo, MD, Maria Fernandez, MD, Jaume Balust, MD, Dulce Momblan, MD, Raquel Bravo, MD, Antonio M de Lacy, PhD, MD; Department of Gastrointestinal Surgery, Institute of Digestive and Metabolic Diseases, Hospital Clínic, IDIBAPS, Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas (CIBERehd), Centro Esther Koplowitz, University of Barcelona

### P015 THE “JULY PHENOMENON”: EXPERIENCE AT A COMMUNITY TEACHING HOSPITAL

Stephen Jones, MD, Peter DeVito, MD, FACS; Northside Medical Center

### P016 THE EFFICACY AND ADVANTAGES OF LAPAROSCOPY-ASSISTED GASTRECTOMY IN ADVANCED GASTRIC CANCER

Liangang Ma, Dr, Hongqing Xi, Dr, Lin Chen, Dr; Chinese People's Liberation Army General Hospital

### P017 A COMPARISON OF OPERATIVE TIME OUTCOMES IN LAPAROSCOPIC AND OPEN PROCEDURES

Sara L Zettervall, MD, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS; Department of Surgery, George Washington University School of Medicine and Health Sciences, Washington, DC



# Poster Listing



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## **P018 PROBE-BASED CONFOCAL LASER ENDOMICROSCOPY (CELLVIZIO®) AND ENHANCED-REALITY FOR REAL-TIME ASSESSMENT OF INTESTINAL MICROCIRCULATION AT THE FUTURE ANASTOMOTIC SITE**

Michele Diana, MD, Bernard Dallemagne, MD, Hyunsoo Chung, MD, Yoshihiro Nagao, MD, Peter Halvax, MD, Vincent Agnus, PhD, Luc Soler, PhD, Véronique Lindner, MD, PhD, Nicolas Demartines, MD, FACS, FRCS, Pierre Diemunsch, MD, PhD, Didier Mutter, MD, PhD, FACS, Jacques Marescaux, MD, FACS, HON, FRCS, HON, FJSES; 1) IRCAD/IHU, Digestive and Endocrine Surgery, University of Strasbourg 2) Pathology, Hospital of Mulhouse, France 3) Visceral Surgery, University Hospital of Lausanne, Switzerland 4) Anaesthesiology, University of Strasbourg

## **P019 TISSUE TENSION IS AN IMPORTANT FACTOR TO AVOID URINARY AND SEXUAL DYSFUNCTION AFTER RECTAL SURGERY**

Akihiro Kondo, MD, Yuji Nishizawa, PhD, Takayuki Fujii, MD, Masao Fujiwara, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University

## **P020 THE EVALUATION OF OXIDATIVE STRESS AS AN INDIRECT MARKER OF THE SURGEON'S INTRAOPERATIVE STRESS DURING LAPAROSCOPIC COLORECTAL SURGERIES**

Fumihiko Fujita, MD, PhD, FACS, Yasuhiro Torashima, MD, PhD, Chika Sakimura, MD, Yusuke Inoue, MD, Daisuke Kawahara, MD, Akira Yoneda, MD, PhD, Kengo Kanetaka, MD, PhD, FACS, Mitsuhiro Takatsuki, MD, PhD, FACS, Shigeki Minami, MD, PhD, Tamotsu Kuroki, MD, PhD, FACS, Susumu Eguchi, MD, PhD, FACS; Department of Surgery, Nagasaki Graduate School of Biomedical Sciences

## **P021 INTERACTION BETWEEN GASTRIC CARCINOMA CELLS AND NEURAL CELLS PROMOTES PNI BY ACTIVATION OF VCAM-1/ INTERGRIN ALFA-4-BETA-1 PATHWAY**

Qijun Xia, Dr, Hongqing Xi, Dr, Lin Chen, Prof; Chinese People's Liberation Army General Hospital

## **P022 THE EXPRESSION OF MSP58 IS UP-REGULATED IN GASTRIC CARCINOMAS AND CONTRIBUTES TO A POOR PROGNOSIS OF THE NEOPLASMS**

Jianxin Cui, Dr, Hongqing Xi, Dr, Lin Chen, Prof; Chinese People's Liberation Army General Hospital

## **P023 THE IMPACT OF SLEEVE GASTRECTOMY VERSUS THE ADJUSTABLE GASTRIC BAND ON ACTIVE GHRELIN AND METABOLIC HORMONES: RELATIONSHIP TO MEASURES OF SATIETY AND HUNGER**

Ahmed Almamar, MD, Daniel W Birch, FRCSC, Shahzeer Karmali, FRCSC, Arya M Sharma, FRCPC, Andrea M Haqq, MD; Centre for the Advancement of Minimally Invasive Surgery, University of Alberta

## **P024 A RARE CASE OF HEPATIC FLEXURE DIVERTICULITIS AFTER PELVIC LAPAROSCOPY AND REVIEW OF LITERATURE FOR MANAGEMENT.**

Aniket K Sakharpe, MD, MPH, Jakub Wilhelm, MD, Nida Mumtaz, BS, Abdul Badr, MD, Robert Bloch, MD, FACS, Leopoldo Baccaro, MD, George Ibrahim, MD; Drexel University and Easton Hospital

## **P025 LAPAROSCOPIC REVERSAL OF HARTMANN'S PROCEDURE**

Giuseppe Portale, MD, Valentino Ficon, MD, Antonio Mazzeo, MD, Giovanni Migliorini, MD, Flavio Frigo, MD; Department of General Surgery

## **P026 SURGICAL OUTCOMES OF ILEAL POUCH ANAL ANASTOMOSIS (IPAA) IN A COMMUNITY BASED HOSPITAL.**

Nezar Ijebi, MD, Theodor Asgeirsson, MD, Martin Luchtefeld, MD, Rebecca Hoedema, Ryan Figg, MD, Heather Slay, MD, Nadav Dujovny, MD; Fergusson Clinic

## **P027 ABDOMINAL DRAINAGE TO PREVENT INTRA-PERITONEAL ABSCESS AFTER APPENDECTOMY FOR COMPLICATED APPENDICITIS (A COCHRANE REVIEW)**

Yao Cheng, Xianze Xiong, Hui Ye, Nansheng Cheng; West China Hospital, Sichuan University

## **P028 PREOPERATIVE REPEAT ENDOSCOPY FOR COLORECTAL CANCER: ATTITUDES, PERCEPTIONS AND PRACTICES OF GENERAL SURGEONS**

M. Carolina Jimenez, MD, MSc, Arash Azin, HBSc, Fady Saleh, MD, MPH, FRCSC, Adam Diamant, BSc, MSc, Timothy D Jackson, MD, MPH, FRCSC, Allan Okrainec, MDCM, MHPE, FACS, FRCSC, Faye A Quereshey, MD, MBA, FRCSC; Division of General Surgery, Toronto Western Hospital, University Health Network, University of Toronto

## **P029 TOTALLY LAPAROSCOPIC LEFT HEMICOLECTOMY FOR SPLENIC FLEXURE TUMORS**

Gideon Sroka, MD, MSc, Anan Safadi, MD, Ibrahim Matter, MD; Department of General Surgery, Bnai-Zion Medical Center, Haifa, Israel

## **P030 PLASMA LEVELS OF HUMAN CHITINASE 3-LIKE 1 (CHI3L1), A PROANGIOGENIC PROTEIN, ARE PERSISTENTLY ELEVATED DURING THE FIRST MONTH AFTER MINIMALLY INVASIVE COLORECTAL CANCER RESECTION**

H.m.c Shantha Kumara, PhD, Hiromichi Miyagaki, MDPhD, Xiaohong Yan, PhD, Sonali A C. Hearth, BS, Elizabeth Myers, MD, Sahani De Silva, Vesna Cekic, RN, Richard L Whelan, MD; Division of Colon and Rectal Surgery, Department of Surgery, St Luke's-Roosevelt Hospital Center, Suite 7B, 425 West, 59th Street, New York, NY 10019, USA; Department of Gastroenterological surgery, Graduate school of Medicine, Osaka University.

## **P031 COMPARISON OF OUTCOMES AFTER HAND-ASSISTED, TOTAL LAPAROSCOPIC AND OPEN RESTORATIVE PROCTOCOLECTOMY WITH ILEAL POUCH-ANAL ANASTOMOSIS**

Tarik H Kirat, MD, Emanuela Silva, MD, Giovanna DaSilva, MD, Steven D Wexner, MD; Department of Colorectal Surgery, Cleveland Clinic Florida, Weston, FL

## **P032 VALIDATION OF A COLONOSCOPIC GRADING SYSTEM FOR THE INTRAOPERATIVE EVALUATION OF RECTAL ANASTOMOSES**

Saif A Ghole, MD, Audrey Nguyen, Raul M Bosio, MD, Mehranesh D Jafari, MD, Steven D Mills, MD, Joseph C Carmichael, MD, Michael J Stamos, MD, Alessio Pigazzi, MD; University of California, Irvine

## **P033 APPENDIX MUCOCLE: CASE SERIES AND LITERATURE REVIEW**

Darshak Shah, MD, MBBS, Ashish Padnani, MD, MBBS, Gaurav Sharma, MD, MBBS, Litong Du, MD, Saurabh Sharma, MD, MBBS; New York Hospital Queens, New York

## **P034 USEFULNESS OF VASCULAR LIGATION OF THE IMA USING LINEAR STAPLER IN RECTAL CANCER SURGERY**

Takeshi Yanagita, MD, Makio Mike, MD, Nobuyasu Kano, MD, PhD, FACS; Kameda Medical Center

## **P035 ANALYSIS OF OUTCOMES FOR SINGLE INCISION RIGHT COLECTOMY REVEALS A MINIMAL LEARNING CURVE**

Katherine A Kirk, MD, Brian A Boone, MD, Leonard Evans, MD, Steven Evans, MD, David L Bartlett, MD, Matthew P Holtzman, MD; University of Pittsburgh Medical Center

## **P036 SENTINEL LYMPH NODE IDENTIFICATION WITH A FLUORESCENT DYE IN COLORECTAL CANCER: A COMPARISON OF TWO INJECTION TECHNIQUES**

M. Ankersmit, MSc, Jw de Haan, Mhgm van der Pas, MD, Majm Jacobs, MD, PhD, Nct van Grieken, MD, PhD, W'jh Meijerink, MD, PhD; VU University Medical Center, Amsterdam, The Netherlands

## **P037 STRATEGY AND RESULTS OF LAPAROSCOPIC SPLENIC FLEXURE RESECTION FOR COLON CANCER**

Shigeki Yamaguchi, MD, Toshimasa Ishii, MD, Jo Tashiro, Hiroka Kondo, Asami Suzuki; Saitama Medical University International Medical Center

## **P038 SINGLE-FIRE VERSUS DOUBLE-FIRE TECHNIQUE FOR FUNCTIONAL END-TO-END ANASTOMOSIS: DOES SIZE MATTER?**

Eric M Changchien, MD, Melinda Hawkins, MD, Nathan L Pace, MD, John A Griffin, MD; ST MARK'S HOSPITAL, SALT LAKE CITY, UT



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**P039 PRIMARY ANASTOMOSIS WITH INTRAOPERATIVE COLONIC IRRIGATION IN GENERALIZED PERITONITIS DUE TO LEFT COLON CANCER OBSTRUCTION** Jin Woo Jung, MD, Jae Hwang Kim, MD, PhD, Sang Hun Jung, MD, PhD, So Hyun Kim, MD, PhD, Ji Yong Lim, MD, Mu Jung Roh; YeungNam University Medical Center

**P040 A CASE OF LAPAROSCOPIC COLECTOMY FOR INTESTINAL NECROSIS AFTER TAE TO LOWER GASTROINTESTINAL BLEEDING** Takuya Yamaguchi, MD; MIMIHARA GENERAL HOSPITAL

**P041 SINGLE PORT LAPAROSCOPIC COLORECTAL SURGERY SHOWS NO DRAWBACKS COMPARED TO STANDARD LAPAROSCOPIC SURGERY: RESULTS OF A CASE MATCH STUDY** Grace Montenegro, MD, Joseph Frenkel, MD, Margaret Shields, Gerald Marks, MD, John Marks, MD; Lankenau Medical Center

**P042 ARE ALL LAPAROSCOPIC SIGMOID COLECTOMY PROCEDURES THE SAME? IMPACT OF SURGICAL TECHNIQUE ON PATIENT OUTCOME** Ian M Paquette, MD, Bobby Johnson, MD, Bradley R Davis, MD; University of Cincinnati College of Medicine

**P043 "MAYPOLE" SMALL BOWEL OBSTRUCTION FROM JACKSON PRATT DRAIN** Darshak Shah, MD, MBBS, Howard Tiszenkel, MD, Ashish Padnani, MD, MBBS, Saurabh Sharma, MD, MBBS; New York Hospital Queens, New York

**P044 LMCP (LAPAROSCOPIC MONITORED COLONOSCOPIC POLYPECTOMY) FEASIBILITY AND SAFETY IN THIS TECHNIQUE PERFORMED: LONG- TERM FOLLOW -UP** Miguel A Hernandez, MD, Morris E Franklin, MD, FACS, Zannor Del Real, MD, Guillermo Peralta, MD; Texas Endosurgery Institute

**P045 ATYPICAL PRESENTATION OF APPENDICEAL ADENOCARCINOMA – CASE STUDY AND REVIEW OF LITERATURE** Andrew Nowakowski, OMS, Venkata K Kella, MD, Eric Balzano, MD, Hardev S Parihar, MD, FACS, Jasbir S Makar, MD; Weirton Medical Center, Weirton, WV 26062

**P046 A COMPARISON OF SHORT-TERM SURGICAL OUTCOMES OF MINIMALLY INVASIVE COLECTOMY FOR COLON CANCER: REDUCED-PORT LAPAROSCOPIC SURGERY VERSUS MULTI-PORT AND SINGLE-PORT LAPAROSCOPIC SURGERY** Jin Yong Shin, PhD, Hyeon Yu, MD; Department of Surgery, Haeundae Paik Hospital, College of Medicine, Inje University, Busan, Korea

**P047 CASE-MATCHED STUDY OF SHORT-TERM OUTCOMES AND COST ANALYSIS BETWEEN SIMPLIFIED HAND-ASSISTED LAPAROSCOPIC (TOTALLY THREE-PORT APPROACH) AND OPEN SURGERY** Natthawut Phothong, Thawatchai Akaraviputh, Vitoon Chinswangwatanakul, PhD, Voraboot Taweerutchana, Asada Metasate, Jirawat Swangsri, Thanayadej Nimmanwudipong, Autaporn Trakarnsanga; 1 Minimally Invasive Unit, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand. 2 Department of Surgery, Panyanantaphikku Chonprathan Medical Center, Srinakharinwirot University, Nonthaburi, Thailand.

**P048 LAPAROSCOPIC CONVERTED OPEN COLORECTAL MALIGNANT RESECTIONS: A SINGLE CENTRE EXPERIENCE** M A Gok, PhD, Mb, ChB, M I Malik, M M Sadat, S J Ward, U A Khan; Macclesfield District General Hospital

**P049 EMERGENCY VERSUS ELECTIVE COLORECTAL RESECTIONS FOR MALIGNANCY: A SINGLE CENTRE EXPERIENCE** M A Gok, PhD, K I Malik, A Jeff, M M Sadat, S J Ward, U A Khan; Macclesfield District General Hospital

**P050 ILEOSTOMY REVERSAL AFTER MINIMALLY INVASIVE COLORECTAL SURGERY: CAN IT STILL BE CONSIDERED A MINOR PROCEDURE?** Gopal Menon, MBBS, Monica T Young, MD, Steven Mills, MD, Joseph Carmichael, MD, Michael J Stamos, MD, Alessio Pigazzi, MD, PhD; Department of Surgery, University of California, Irvine School of Medicine, Orange, California

**P051 SACRAL NERVE STIMULATOR USE IN A PATIENT WITH LOW ANTERIOR RESECTION SYNDROME** J. Ryan Williams, MD, Michael C Grieco, MD, Jaime E Sanchez, MD, MSPH, Jorge E Marcet, MD, Sowsan H Rasheid, MD; University of South Florida Department of Colon and Rectal Surgery

**P052 LAPAROSCOPIC LAVAGE AND DRAINAGE IN ACUTE DIVERTICULITIS. CASE SERIES** L Zavala, MD, J Monterrubio, MD, H Sanchez, MD, G Saldaña, MD, J Carmona, MD, R Gonzalez, MD; CHRISTUS MUGUERZA - UDEM

**P053 LAPAROSCOPIC TOTAL COLECTOMY FOR REFRACTORY ULCERATIVE COLITIS: PROSPECTIVE SINGLE-PORT VERSUS MULTI-PORT COMPARATIVE COHORT AND CASE CONTROL ANALYSIS.** J Burke, Dr, Desmond Toomey, Frank Reilly, J Deasy, D McNamara, Ronan A Cahill, MD; Beaumont Hospital, Dublin, Ireland

**P054 SINGLE INSTITUTION REVIEW OF COST ANALYSIS OF LAPAROSCOPIC VERSUS OPEN COLORECTAL PROCEDURES** Semeret T Munie, MD, Craig Reickert, MD, Surya Nalamati, MD, Ryan Kather, Rubinfeld Ilan, MD; Department of General Surgery, Henry Ford Hospital, Detroit, Michigan

**P055 IS THERE A ROLE FOR LAPAROSCOPIC SURGERY IN RECURRENT CROHN'S DISEASE?** Erman Aytac, Fazli C Gezen, David W Dietz, Meagan M Costedio, Luca Stocchi, Emre Gorgun; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

**P056 MASSIVE GASTROINTESTINAL BLEEDING: A RARE CASE OF EXTRARENAL, VISCERAL, RECTAL FIBROMUSCULAR DISPLASIA.** Guillermo Peralta, MD, Alberto Chapa, MD, José Antonio Díaz, MD, Rene Palomo, MD, Miguel Hernández, MD, Zannor Del Real-Romo, MD, Denisse Sepúlveda, MD; Escuela de Medicina y Ciencias de la Salud, Tecnológico de Monterrey

**P057 ROBOTIC VERSUS LAPAROSCOPIC SINGLE PORT ANTERIOR RESECTION FOR SIGMOID COLON CANCER** Min Soo Cho, Byung Soh Min; Yonsei University Health System

**P058 LAPAROSCOPIC SIGMOIDECTOMY IN DIVERTICULAR DISEASE:** Andrew Villarreal, Immanuel Gabriel, MD, PhD, Michelle K Savu, MD; South Texas VAHCS, San Antonio, TX; University of Texas Health Science Center, San Antonio, TX

**P059 SHORT-TERM RESULTS OF LAPAROSCOPIC PELVIC SIDEWALL DISSECTION FOR LOW RECTAL CANCER** Masaaki Ito, Akihiro Kobayashi, Yusuke Nishizawa, Norio Saito; National Cancer Center Hospital East

**P060 THE EFFECT OF THREE-DIMENSIONAL VERSUS TWO-DIMENSIONAL IMAGING DISPLAYS ON TASK PERFORMANCE BY LAPAROSCOPY-NAÏVE SUBJECTS** Joseph M Drosdeck, MD, David B Renton, MD; The Ohio State University Wexner Medical Center

**P061 LAPAROSCOPIC SURGERY TRAINING PROGRAM FOR RESIDENTS: EXPERIENCE IN LATINAMERICA.** Vicente Gonzalez-Ruiz, MD, Miguel D Santana, MD, David Valadez-Caballero, MD; Mexico City General Hospital / High Speciality Regional Hospital Zumpango

**P062 DEVELOPMENT OF A STANDARDIZED TRAINING COURSE FOR LAPAROSCOPIC PROCEDURES USING A DELPHI METHODOLOGY** M.s. Bethlehem, MD, M.j. van Det, MD, PhD, H.o. ten Cate Hoedemaker, MD, N.j.g.m. Veeger, PhD, J.p.e.n. Pierie, Prof; Medical Center Leeuwarden, University Medical Center Groningen

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## P063 PREPARING RESIDENTS FOR THE FLS SKILLS EXAM:

**A COMPETITION BASED APPROACH** Gregory S Peirce, General, Surgery, Resident, William V Rice, MD, Jason Hiles, MD; William Beaumont Army Medical Center

## P064 A NOVEL MODEL FOR TEACHING INTRACORPOREAL

**KNOT TYING** Daniel Abramowitz, MD, Oscar Henao, MD, Kai Shen, MD, Timothy D Jackson, MD, MPH, Allan Okrainec, MD, MHPE; Division of General Surgery, Univeristy Health Network, University of Toronto; Temerty/Chang Telesimulation Centre

## P065 ADVANCED LAPAROSCOPIC FELLOWSHIP TRAINING DECREASES CONVERSION RATES DURING LAPAROSCOPIC CHOLECYSTECTOMY FOR ACUTE BILIARY DISEASES

Cheguevara Afaneh, MD, Jonathan Abelson, MD, Barrie Rich, MD, Gregory Dakin, MD, Raza Zarnegar, MD, Philip S Barie, MD, MBA, Thomas J Fahey III, MD, Alfons Pomp, MD; Department of Surgery, New York-Presbyterian Hospital/Weill Cornell Medical Center

## P066 COLONOSCOPY SIMULATOR TRAINING AND TRANSFER OF SKILLS TO CLINICAL PRACTICE

Pedro P Gomez, MD, Ross E Willis, PhD, Kent R Van Sickle, MD; University of Texas Health Science Center at San Antonio

## P067 LAPAROSCOPIC SURGERY SKILLS EVALUATION:

**MOTION ANALYSIS BASED ON ACCELEROMETERS** Alexis Sanchez, MD, MSc, Omaira Rodriguez, MD, Renata Sanchez, MD, Valentina Baez, MD, Oriana Salamo, MD, Luis Medina, MD; ROBOTIC AND MINIMALLY INVASIVE CENTER - LA FLORESTA MEDICAL INSTITUTE, ROBOTIC SURGERY PROGRAM - UNIVERSITY HOSPITAL OF CARACAS

## P068 ASSESSMENT OF PERFORMANCE DURING ADVANCED LAPAROSCOPIC FELLOWSHIP- A SINGLE SUBJECT DESIGN

Iman Ghaderi, MD, MSc, Yoon Soo Park, PhD, Lauriane Auvergne, BBA, Timothy M Farrell, MD; University of North Carolina, Chapel Hill, NC

## P069 SUPERIORITY OF 3D IMAGING IN ENDOSCOPIC

**SURGERY TRAINING** Takayuki Fujii, MD, Yuji Nishizawa, PhD, Akihiro Kondo, MD, Masao Fujiwara, PhD, Keiichi Okano, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University

## P070 LAPAROSCOPIC SIMULATION IN REVERSE AND SIDE ALIGNMENT DOES NOT IMPROVE TASK PERFORMANCE IN FORWARD ALIGNMENT: A RANDOMIZED CONTROLLED TRIAL

Nashwa Khogali, DO, Pam Haan, RN, BSN, Cheryl Anderson, RN, BSN, MSA, Rama Gupta, BS, Caroline Moon, BS, David Henry, MD, Srinivas Kavuturu, MD; Michigan State University Department of Surgery

## P071 ESTABLISHMENT OF ANIMAL LAB FOR THE EVALUATION AND TRAINING OF ADVANCED

**LAPAROSCOPIC SURGERY** Yo Kuashima, MD, PhD, Yuma Ebihara, MD, PhD, Toru Nakamura, MD, PhD, Eiji Tamoto, MD, PhD, Souichi Murakami, MD, PhD, Joe Matsumoto, MD, PhD, Takahiro Tsuchikawa, MD, PhD, Toshiaki Shichinohe, MD, PhD, Satoshi Hirano, MD, PhD; Hokkaido University

## P072 THE EFFECT OF CAFFEINE ON LAPAROSCOPIC SKILLS PERFORMANCE IN SIMULATED SETTINGS

Vincent Quan, BSc, Badriya S Alaraimi, MD, Walid Elbakbak, MSc, Amina Bouhelal, MSc, Ana Gavrilu, BSc, Bijendra Patel, FRCS; Barts Cancer Institute - Queen Mary University of London, Academic Department of Upper GI Surgery - Barts and The London NHS Trust

## P073 DEVELOPMENT OF A VIRTUAL REALITY ROBOTIC SURGICAL CURRICULUM USING THE DA VINCI SI

**SURGICAL SYSTEM** Pedro P Gomez, MD, Ross E Willis, PhD, Kent R Van Sickle, MD; University of Texas Health Science Center at San Antonio

## P074 RELIABILITY OF GOALS SCORES USING

**GENERALIZABILITY THEORY** E Bilgic, Y Watanabe, MD, L Lee, MD, M C Vassiliou, MD; Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Quebec, Canada

## P075 STARTING A MINIMAL INVASIVE SURGERY

**PROGRAM IN COLORECTAL CANCER AT THE NATIONAL CANCER CENTER MEXICO. A CHALLENGING ENVIRONMENT FOR NEW PROCEDURES** Itzel Vela, MD, Angel Herrera, MD, Horacio Lopez Basave, MD, J Manuel Ruiz Molina, md, Javier Melchor, md, Rafael Vazquez, MD, Abelardo Meneses, MD; National Cancer Center Mexico

## P076 ONE SIZE FITS ALL? THE NEW SURGICAL

**INNOVATION PHILOSOPHY** Vivian De Ruijter, Pietro Riva, Natasha Waters, MD, Bernard Dallemagne, MD, Lee Swanstrom, MD, Jacques Marescaux, MD, Silvana Perretta, MD; IRCAD-IHU, University of Strasbourg, France

## P077 ASSESSMENT OF MEDICAL STUDENT LAPAROSCOPIC SKILLS USING VIRTUAL REALITY AND FUNDAMENTALS

**OF LAPAROSCOPIC SURGERY™ TASKS** Erica Sutton, MD, Craig Ziegler, MS, Kevin Martin, BS, Stuart Crawford, BS, Matthew Golden, MD, J. David Richardson, MD; Hiram C. Polk, Jr. MD Department of Surgery, University of Louisville School of Medicine, Louisville, KY

## P078 THE SUCCESSFUL DEVELOPMENT AND IMPLEMENTATION OF A NOVEL, ACUTE CARE SURGICAL SIMULATION PATHWAY TRAINING CURRICULUM

Kiyoyuki W Miyasaka, MD, Joseph M Buchholz, BS, Niels D Martin, MD, FACS, Denise LaMarra, MS, Noel N Williams, MB, BCh, MCh, FRCSI, FRCS, Jon B Morris, MD, Rajesh Aggarwal, MD, PhD, MA, FRCS; Perelman School of Medicine at the University of Pennsylvania

## P079 ADVANCES IN SURGICAL EDUCATION: USING THE IPAD AND ITUNES U TO DELIVER A MOBILE DIGITAL CURRICULUM

Monica T Young, MD, Michael Sgroi, MD, Stephen P Schale, BS, Esther Jun, BA, Julie H Youm, PhD, Warren Wiechmann, MD, MBA, Michael J Stamos, MD, Jill Endres, MD; Department of Surgery, University of California, Irvine School of Medicine, Orange, California

## P080 MEDIMQ: A MEDICAL IMAGE DIAGNOSTIC LEARNING AND ASSESSMENT TOOL

Cedric Dumas, PhD, Timothy R Coles, PhD, David Fielding, MD, Caroline G Cao, PhD; Commonwealth of Scientific and Industrial Research Organisation, Wright State University

## P081 LAPAROSCOPIC TRAINING IN VIRTUAL REALITY:

**HAPTIC VS. NONE HAPTIC** Amina Bouhelal, Dr, S Badiani, Mr, Walid Elbakbak, Dr, Badriya S Alaraimi, Dr, Bijendra Patel, Mr; Barts Cancer Institute Queen Mary University of London

## P082 LAPAROSCOPIC SKILLS, LIKE RIDING A BIKE OR YOU LOSE WHAT YOU DO NOT USE!?

Amina Bouhelal, Dr, Walid Elbakbak, Dr, Badriya Alaraimi, Dr, Bijendra Patel, Mr; Barts Cancer Institute Queen Mary University of London

## P083 OUTCOMES OF RESIDENT VERSUS FELLOW ASSISTED BARIATRIC SURGERY

Patrick E LeMasters, MD, Emily W Shi, MD, Andrew Bates, MD, Edward H Chin, MD, FACS, Daniel M Herron, MD, FACS, William B Inabnet III, MD, Subhash U Kini, MD, Scott Q Nguyen, MD; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI

## P084 EFFECTS OF EXPERIENCE AND A REFERENCE TOOL IN LAPAROSCOPIC LENGTH MEASUREMENTS

Sara L Zettervall, MD, Hope T Jackson, MD, Ezra Teitelbaum, MD, Matt Holzner, BS, Jason Weissler, BS, Amdur L Richard, PhD, Khashayar Vaziri, MD, FACS; Department of Surgery, George Washington University School of Medicine and Health Sciences, Washington, DC. Department of Surgery Feinberg School of Medicine, Northwestern University, Chicago, IL.





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**P085 RESIDENT-LED DELIBERATE PRACTICE UTILIZING SIMULATION** Caitlin A Halbert, DO, MS, Brian Frank, MD, Susan Coffey-Zern, MD; Christiana Care Health System

**P086 COMMUNICATION SKILLS TRAINING THROUGH THE USE OF VIRTUAL SIMULATION FOR GENERAL SURGERY RESIDENCY** Caitlin Halbert, DO, MS, Kathryn Fulda, Susan Coffey-Zern, MD, Beth Fitzgerald, Gerard Fulda, MD; Christiana Care Health System

**P087 3D VISION SYSTEMS AND OUR SURGICAL PERFORMANCE; SUPERIOR PERFORMANCE OR UNWARRANTED DISCOMFORT? A CROSS-OVER STUDY** Walid Elbakbak, MBBCh, MSc, Amina Bouhelal, MBBCh, MSc, Badriya Alariami, MRCS, Bijendra Patel, FRCS; Barts Cancer Institutes, Queen Mary University of London

**P088 SURGEONS' PERCEPTIONS IN RELATION TO THE MINILAPAROSCOPIC INSTRUMENTS IN SURGICAL KNOTS CONFECTION** Gildo O Passos Jr, MD, Diego Laurentino Lima, MD, Frederico W C. Silva, MD, Juscille S Barros, Ingrid L V. Rodrigues, Yukie C Konishi, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

**P089 HAND DOMINANCE MATTERS FOR NOVEL LAPAROSCOPIC TASK PERFORMANCE** Anton Simorov, MD, Chung-Kai Huang, MS, Dmitry Oleynikov, MD, FACS, Ka-Chun Siu, PhD; Department of Surgery, Center for Advanced Surgical Technology, School of Allied Health Professions, University of Nebraska Medical Center, Omaha, NE, USA

**P090 EVALUATING THE LEARNING CURVE OF NO PREVIOUS EXPERIENCED LAPAROSCOPIC SURGEON IN LAPAROSCOPY ASSISTED DISTAL GASTRECTOMY (LADG)** Makoto Shirai, Yoshito Kiyasu, Shigehiko Yagi; Ehime prefectural medical center Digestive surgery

**P091 ASSESSMENT OF BASELINE DA VINCI SKILL SETS AND KNOWLEDGE IN A ROBOT NAÏVE ACADEMIC GENERAL SURGERY PROGRAM** Cory Richardson, MD, Mariangela Rivera, MD, Heidi Ryan, MD, Shawn Tsuda, MD; University of Nevada School of Medicine

**P092 A PROSPECTIVE, MULTI-INSTITUTIONAL STUDY TO DETERMINE THE EFFECT OF SAGES PATIENT INFORMATION BROCHURES ON PATIENT SATISFACTION - PRELIMINARY RESULTS** Rajesh Aggarwal, MD, PhD, MA, FRCS, Joseph M Buchholz, BS, Iliana J Harrysson, MD, Kenric M Murayama, MD, FACS, Edward C Borrazzo, MD, Bruce A Chutter-Cressy, PA, John F Sweeney, MD, S Scott Davis, MD, Shirin Towfigh, MD, Rahul Gupta, MD, Daniel B Jones, MD, MS, FACS; Perelman School of Medicine at the University of Pennsylvania, Imperial College London, University of Vermont, Emory University, Cedars-Sinai Medical Center, Beth Israel Deaconess Medical Center

**P093 ENDOSCOPIC LATISSIMUS DORSI MUSCLE HARVESTING - EXPERIMENTAL STUDY** Alexandru I Blidisel, resident; University of Medicine and Pharmacy Victor Babes Timisoara

**P094 RENDEZVOUS TECHNIQUE FOR TREATMENT OF COMPLETE COMMON BILE DUCT TRANSECTION AFTER MULTIPLE HEPATOBILIARY SURGERIES** Seung Hoon Shin, MD, Ariel Klevan, MD, Christopher Fernandez, MD, Jose M Martinez, MD, FACS; Division of Laparoendoscopic and Bariatric Surgery, Dewitt-Daughtry Family Department of Surgery, University of Miami Miller School of Medicine, Miami, FL 33136, USA

**P095 LEARNING EFFICACY BETWEEN A 30° RIGID SCOPE AND A FLEXIBLE SCOPE IN NEWLY EDUCATED MEDICAL PERSONNEL FOR LAPAROSCOPIC COLORECTAL PROCEDURE: A PROSPECTIVE, COMPARATIVE STUDY** Young-Jae Lee, MD, Seon-Hahn Kim, MD, PhD; Colorectal Division, Department of Surgery, Korea University Anam Hospital, Korea University College of Medicine, Seoul, Korea

**P096 IS 10 YEARS TOO LONG? DEVELOPMENT OF INTERVAL COLORECTAL CANCER DESPITE FOLLOWING RECOMMENDED COLONOSCOPIC GUIDELINES** Eric M Changchien, MD, Melinda Hawkins, MD, Michelle E Murday, MD, John A Griffin, MD; ST MARK'S HOSPITAL, SALT LAKE CITY, UT

**P097 THE PREOPERATIVE ENDOSCOPIC DRAINAGE IN THE MALIGNANT OBSTRUCTIVE JAUNDICE** Konstantinos S Mamas, MD, MSc, PhD, Demetrios S Lappas, MD, PhD, Andreas Polydorou, MD, PhD, Vasileios Smyrniotis, MD, PhD; National and Kapodistrian University of Athens, Aretaieion University Hospital of Athens, Surgical Laboratory Prof.C.Tountas

**P098 PER-ORAL ENDOSCOPIC MYOTOMY (POEM) FOLLOWING PREVIOUS LAPAOSCOPIC HELLER MYOTOMY IS FEASIBLE AND SAFE IN A PORCINE SURVIVAL MODEL** Andrew S Kastenmeier, MD, Luke Miles, BS, Matthew Frelich, MS, Kulwinder Dua, MD, Jon C Gould, MD; Medical College of Wisconsin, Department of Surgery, Division of General Surgery; and Medical College of Wisconsin, Department of Medicine, Division of Gastroenterology

**P099 VIDEO-ASSISTED THORACOSCOPIC SURGERY FOR RESPIRATORY DISEASE IN CHILDREN.** Masahide Murasugi\*, MD, PhD, Masato Kanzaki\*, MD, PhD, Takuma Kikkawa\*, MD, PhD, Tamami Isaka\*, MD, PhD, Maeda Hideruki\*, MD, Sakamoto Kei\*, MD, Sayaka Katagiri\*, MD, Junko Kawata\*, MD, Kunihiro Oyama\*, MD, PhD, Takamasa Onuki\*, MD, PhD, Osamu Segawa\*\*, MD, PhD; Department of Surgery, Division of Thoracic Surgery\*, Division of Pediatric Surgery\*\*, Tokyo Women's Medical University, Tokyo, JAPAN.

**P100 UNIVARIATE AND MULTIVARIATE ANALYSES OF PREOPERATIVE FACTORS INFLUENCING SYMPTOMATIC OUTCOMES OF TRANSORAL FUNDOPPLICATION** Reginald CW Bell, MD, FACS, Mark A Fox, MD, FACS, William E Barnes, MD, FACS, Peter G Mavrelis, MD, Robert W Sewell, MD, FACS, Bart J Carter, MD, FACS, Glenn M Ihde, MD, Karim S Trad, MD, FACS, David Dargis, DO, Kevin M Hoddinott, MD, FACS, Katherine D Freeman, MSN, NP, Tanja Gunsberger, DO, Mark G Hausmann, MD, FACS, Brian DaCosta Gill, MD, FACS, Erik Wilson, MD, FACS; SurgOne Foregut Institute, Englewood, Colorado; Crossville Medical Group, PA, Crossville, Tennessee; Livingston Hospital and Healthcare Services, Inc. CAH, Salem, Kentucky; Internal Medicine Associates, Merrillville, Indiana

**P101 ANTEGRADE WIRE, RENDEZVOUS CANNULATION OF THE BILIARY TREE MAY REDUCE THE INCIDENCE OF POST-ERCP PANCREATITIS** Ryan M Juza, MD, Randy S Haluck, MD, Ann M Rogers, MD, Jerome R LynSue, MD, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

**P102 TWO-STAGE OPTICAL SYSTEM FOR COLORECTAL POLYP ASSESSEMENT.** Miroslaw Szura, PhD, Krzysztof Bucki, PhD, Artur Pasternak, PhD, Andrzej Matyja, PhD, Jan Kulig, PhD; Jagiellonian University

**P103 INTRAOPERATIVE ENDOSCOPY MAY DECREASE POST OPERATIVE LEAK & STENOSIS IN GASTRIC BYPASS AND SLEEVE GASTRECTOMY** Mohamed B Al Hadad, MD, Nidal Dehni, MD, Abdelrahman A Nimeri, MD; Division of general, thoracic and vascular surgery Sheikh Khalifa Medical City managed by Cleveland clinic

**P104 IMPLEMENTATION OF DIRECT PERORAL CHOLANGIOSCOPY FOR COMMON BILE DUCT STONES** Jonathan Leunbach, MD, Jan M Krzak, MD, Einar Pahle, MD, PhD; Department of Surgery, Viborg Hospital, Viborg, Denmark

**P105 TAILORED MINIMALLY INVASIVE TREATMENT OF BILIARY LEAKS** Jan M Krzak, MD, Ada M Krzak, Poul Bak Thorsen, MD, PhD, Miroslaw Szura, MD, PhD, Lars Stig Jorgensen, MD; Department of Surgery, Sygehus Lillebaelt, Kolding, Denmark

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## P106 ENDOSCOPIC MANAGEMENT OF POSTOPERATIVE

**ESOPHAGEAL STRICTURES** Edip Akpinar, MD, Sheila C. Marmalajes, MD, Mohamed S. Alshal, MD, Jc Jimenez, MD, D Horkan, MD, Ja Astudillo, MD, Jose M. Martinez, MD, FACS; Department of LaparoEndoscopic Surgery, University of Miami, Miami, FL

## P107 CASE REPORT: USE OF A STENT TO TREAT A COLONIC ANASTOMOTIC LEAK

Sarah J Lippert, MD, Philip L Leggett, MD, Howard B Hamat, MD, Javier Nieto, MD; The University of Texas Medical School at Houston

## P108 SEDATION AND BOWEL PREPARATION FOR COLONOSCOPY IN ELDERLY: A NATIONWIDE SURVEY IN IRELAND.

Hytham Hamid, Mr, Adeel Zafar, Mr, Brian Egan, Dr, Luke O'Donnell, Dr, Iqbal Khan, Mr; Departments of Surgery and Gastroenterology, Mayo General Hospital, Ireland.

## P109 SURGICAL OUTCOMES OF LATERAL TRANSPERITONEAL ADRENALECTOMY AND POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY IN CONSECUTIVE PATIENTS BY A SINGLE SURGEON

Young Jun Chai<sup>1</sup>, MD, Soon Young Tae<sup>1</sup>, MD, Heeseung Lee<sup>1</sup>, MD, Yong Joon Suh<sup>1</sup>, MD, Jung-Woo Woo<sup>1</sup>, MD, Se Hyun Paek<sup>1</sup>, MD, Su-jin Kim<sup>1</sup>, MD, Jun Young Choi<sup>2</sup>, MD, Kyu Eun Lee<sup>1</sup>, MD, PhD, Yeo-Kyu Youn<sup>1</sup>, MD, PhD; <sup>1</sup>Department of Surgery, Seoul National University Hospital and College of Medicine, Seoul, Korea, Division of Surgery, Thyroid Center, Seoul National University Cancer Hospital, Seoul, Korea, <sup>2</sup>Department of Surgery, Seoul National University Bundang Hospital

## P110 SELF EXPANDABLE METAL STENTS (SEMS) AS AN ALTERNATIVE TREATMENT OPTION IN PERFORATED DUODENAL ULCERS, COMPARISON WITH SURGERY

Per-Ola Park, Professor, Jorge Alberto Arroyo Vázquez, MD, Gina Nesouli, MD, Maria Bergstrom, MD, PhD; Dept of Surgery, South Alvsborg Hospital, Borås, Sweden, Gothenburg University, Gothenburg Sweden

## P111 ECONOMIC IMPACT OF PER ORAL ENDOSCOPIC MYOTOMY VERSUS LAPAROSCOPIC HELLER MYOTOMY AND ENDOSCOPIC PNEUMATIC DILATION

Michael P Meara, MD, MBA, Kyle A Perry, MD, Jeffery W Hazey, MD; The Ohio State University Wexner Medical Center

## P112 PERCUTANEOUS ENDOSCOPIC GASTROSTOMY FOR PROLONGED ILEUS AND NON-MALIGNANT OBSTRUCTION

Christopher R Daigle, MD, Eric Marcotte, MD, Ricard Corcelles, MD, Kevin EH Hayek, MD, Matthew Kroh, MD, Stacy Brethauer, MD; Cleveland Clinic Main Campus, Cleveland, Ohio

## P113 TRANSGASTROSTOMIC ENDOSCOPY-ASSISTED FOREIGN BODY REMOVAL

John Henry Y Pang, MD, Zachary A Kanouse, MD, Irving L Bernardo, MD, Farah Karipineni, MD, Kevin Nguyen, MD, Alfred C Trang, MD, FACS, Ramsey M Dallal, MD, FACS, Ian S Soriano, MD, FACS; Albert Einstein Medical Center

## P114 RISK FACTORS OF FECAL DIVERSION FOR COLONOSCOPIC PERFORATION: A REVIEW OF 35,361 ENDOSCOPIC PROCEDURES

Kampol Toemakharathaworn, Voraboot Taweeruchana, Jirawat Swangsri, Thawatchai Akaraviputh, Asada Methasate, Vitoon Chinswangwatanakul, Thanyadej Nimmanwudipong, Atthaphorn Trakarnsanga; Minimally Invasive Unit, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand.

## P115 ENDOSCOPIC PROXIMAL GASTROPLASTY FOR OBESITY USING A NOVEL FULL-THICKNESS SUTURING DEVICE

Lee L Swannstrom, MD, Andras Legner, MD, Peter Halvax, MD, Aron Altorjay, MD; Intitute Hopitaux Universitaires - Strasbourg, France; St George Hospital, Szekesfehervar, Hungary

## P116 FAST ACCESS TO THE COMMON BILE DUCT DURING ENDOSCOPIC RETROGRADE CHOLANGIO-PANCREATOGRAPHY, OUR EXPERIENCE WITH A DOUBLE WIRE TECHNIQUE.

J Andres Astudillo, MD, Jean Carlos Jimenez, MD, Jose M Martinez, MD; University of Miami, Department of Laparoendoscopic Surgery, Miami, FL.

## P117 ENDOSCOPIC ARGON PLASMA COAGULATION CAN ALLEVIATE DYSPAGIA FROM MALIGNANT ESOPHAGEAL MASSES

Reinier F Narvaez, MS, III, Matthew Y Lin, MD, John P Cello, MD, Stanley J Rogers, MD; University of California, San Francisco

## P118 A NOVEL ENDOSCOPIC APPROACH TO MANAGING HIGH OUTPUT ENTERO-ATMOSPHERIC FISTULAE

Sean B Orenstein, MD, Yuhsin V Wu, MD, Eric M Pauli, MD, Tung T Tran, MD, Randy S Haluck, MD, Yuri W Novitsky, MD, Jeffrey M Hardacre, MD, John B Ammori, MD, Edmond Sanchez, MD, Jeffrey L Ponsky, MD, Jeffrey M Marks, MD; Department of Surgery, University Hospitals Case Medical Center, Cleveland OH; Department of Surgery, Penn State Hershey Medical Center, Hershey PA

## P119 PEG TUBE PLACEMENT: DO WE DO IT BETTER THAN GI?

Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Kristopher B Williams, MD, Hannah C Kline, Vedra A Augenstein, Brant T Heniford, MD, Ronald F Sing, DO; Carolinas Medical Center, Department of Surgery, Division of Gastrointestinal & Minimally Invasive Surgery, Charlotte, NC

## P120 ENDOSCOPIC FUNDOPLICATION FOR THE MANAGEMENT OF GASTROESOPHAGEAL REFLUX: A COMMUNITY HOSPITAL EXPERIENCE

Mario R Salazar, MD, Todd Worley, MD; Texas Tech Health Sciences Center-Permian Basin

## P121 THE ROLE OF ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY (ERCP) IN ACUTE CARE SURGERY

Cory Richardson, MD, Ashley Pistorio, MD, Charles R St. Hill, MD, MSc, Matthew Johnson, MD, Katie Lyons, Nathan I Ozobia, MD, FACS; University of Nevada School of Medicine

## P122 PARTIAL BALLOON DEFLATION FOR CONTROLLED WITHDRAWAL OF SINGLE BALLOON ENTEROSCOPY

Abiodun O Laoye, MD, Gorcey A Steven, MD; Jersey Shore University Medical Center

## P123 LAPAROSCOPIC TOTAL GASTRECTOMY FOR ADENOCARCINOMA IN A WESTERN COUNTRY COMMUNITY HOSPITAL: SAFETY, ONCOLOGICAL ISSUES AND MID-TERM SURVIVAL

Giuseppe Portale, MD, Valentino Fisco, MD, Antonio Mazzeo, MD, Giovanni Migliorini, MD, Flavio Frigo, MD; Department of General Surgery

## P124 THE SELECTIVE USE OF LAPAROSCOPY-FIRST APPROACH FOR HIGH-RISK PATIENTS SUFFERING PERFORATED PEPTIC ULCER IS SAFE.

Anth Y Teoh, MD, Enders K Ng, MD, Philip W Chiu, MD, Simon K Wong, MD; Prince of Wales Hospita, Chinese University of Hong Kong

## P125 TWENTY-YEAR TREND IN THE UTILIZATION OF HELLER MYOTOMY FOR ACHALASIA IN THE UNITED STATES

Jennifer Preston, MD, James Dolan, MD, John Hunter, MD, Brian Diggs, PhD; Oregon Health & Science University

## P126 200 "SOLO" LAPAROSCOPIC FUNDOPLICATIONS WITH AESOP ROBOTIC ARM

Sergio Rojas-ortega, MD, Emina Pasic, MD, Rachid Cesin, MD, Luis Miguel Campos, PE, Cris Gomez; HOSPITAL ANGELES / PUEBLA

## P127 IATROGENIC GASTROBRONCHIAL FISTULA FOLLOWING A THORACIC SPINE NEUROSURGICAL PROCEDURE: REPORT OF A CASE.

Jeffrey J Skubic, DO, Nathaniel Eastman, MD, Jacob Wiesen, MD, Sarah Ogle, DO, Frank Sacco, MD; Banner Good Samaritan Regional Medical Center, Phoenix, AZ; Alaska native medical center, Anchorage, AK





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- P128 THE EFFECT OF LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR ON PULMONARY FUNCTION TEST S** Alnassar, J Kondra, J Clifton, R J Finley, S Kaaki; College of Medicine, King Saud University Riyadh, Saudi Arabia. Division of Thoracic Surgery, University of British Columbia, Vancouver, BC
- P129 LAPAROSCOPIC HELLER MYOTOMY: LESSONS LEARNED. THE BAYLOR EXPERIENCE 1997 - 2012** Anuj Mahajan, MD, Matthew Westmoreland, MD, David Arnold, MD, David Vanderpool, MD; Baylor University Medical Center, Division Minimally Invasive Surgery
- P130 OUR SIMPLE AND PRACTICAL PROCEDURE IN ANTI-REFLUX SURGERY FOR GERD PATIENTS** Tatsushi Suwa, MD, Satoshi Inose, MD, Kazuhiro Karikomi, MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsumura, MD, Kenta Kitamura, MD; Dept. Surgery, Kashiwa Kousei General Hospital
- P131 CONCURRENT GASTROINTESTINAL STROMAL TUMOUR OF LARGE AND SMALL BOWEL- A RARE CASE** R Gokul.k.shanker, MS, Praveen Patil, MS, Hariprasad D, MS, Vg Mohanprasad, MS, Balu Kuppusamy, MS; VGM HOSPITAL INSTITUTE OF GASTROENTEROLOGY
- P132 OUR STANDARD PROCEDURE IN LAPAROSCOPIC TOTAL GASTRECTOMY (D1+) FOR GASTRIC CANCER PATIENTS WITH COAXIAL SCOPE SETTING** Tatsushi Suwa, MD, Satoshi Inose, MD, Kenta Kitamura, MD, Kazuhiro Karikomi, MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsumura, MD; Dept. Surgery, Kashiwa Kousei General Hospital
- P133 OUR STANDARD PROCEDURE IN LAPAROSCOPIC DISTAL GASTRECTOMY (D2) FOR GASTRIC CANCER PATIENTS** Tatsushi Suwa, MD, Satoshi Inose, MD, Kenta Kitamura, MD, Kazuhiro Karikomi, MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsumura, MD; Dept. Surgery, Kashiwa Kousei General Hospital
- P134 AN INITIAL EXPERIENCE WITH AND SAFETY OF A NOVEL APPROACH TO TREATMENT OF GASTROESOPHAGEAL REFLUX DISEASE** George H. Pfaltzgraff, MD, FACS; Ellsworth Municipal Hospital
- P135 HIGH RESOLUTION MANOMETRY SUB-CLASSIFICATION OF ACHALASIA: DOES IT REALLY MATTER?** Christina L Greene, MD, Erica J Chang, BA, Stephanie G Worrell, MD, Steven R DeMeester, MD, Daniel S Oh, MD, Jeffrey A Hagen, MD; Keck School of Medicine of the University of Southern California
- P136 SURGICAL TREATMENT OF DUODENAL PERFORATION AFTER ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY (ERCP): A COMMUNITY HOSPITAL EXPERIENCE.** Alexander Ramirez Valderrama, MD, Stephen Merola, MD, FACS, Armando Castro, MD, FACS, Joel Ricci, MD, Jason Sample, MD, FACS; New York Hospital Queens
- P137 SURGICAL TREATMENT OF GIANT SMALL BOWEL DIVERTICULA WITH ACUTE DIVERTICULITIS AND MULTIPLES STONES: A CASE REPORT.** Alexander Ramirez Valderrama, MD, Paryush Lakhtaria, MD, Howard Tiszenkel, MD, FACS; New York Hospital Queens
- P138 TEN-YEAR OUTCOME IN ACHALASIA : PROSPECTIVE STUDY OF SURGICAL MYOTOMY AND PNEUMATIC DILATATION** Pakkavuth Chanswangphuvana, MD, Soravith Vijitpornkul, MD, Aijana Techagumpuch, MD, Suppa-ut Pungpapong, MD, Suthep Udomsawaengsup, MD, Patpong Navicharern, MD, Chadin Tharavej; Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

- P139 OUTCOME OF BOUGIENAGE DILATATION IN COMPLEX CORROSIVE ESOPHAGEAL STRICTURES** Pakkavuth Chanswangphuvana, MD, Soravith Vijitpornkul, MD, Aijana Techagumpuch, MD, Suppa-ut Pungpapong, MD, Suthep Udomsawaengsup, MD, Patpong Navicharern, MD, Chadin Tharavej, MD; Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand
- P140 MULTIDIMENSIONAL ANALYSIS OF LEARNING CURVE IN LAPAROSCOPIC GASTRECTOMY FOR GASTRIC CANCER AT A LOW-VOLUME CENTER IN NON-ENDEMIC AREA** Cheng-Chan Yu, MD, Hong-zen Yeh, MD, Jen-I Hwang, MD, Cheng-Chung Wu, John Wang, MD, PhD; Taichung Veterans General Hospital
- P141 THE USE OF SURGISIS MESH IN THE TREATMENT OF HIATAL HERNIA AND GASTROESOPHAGIC REFLUX, LONG-TERM RESULTS** Morris E Franklin, MD, FACS, Rene Palomo, Guillermo Portillo, MD, Eduardo Perez, MD, Alexander Richard, MD, Karla Russek, MD, Alejandro Rodriguez, MD, Z Del Real, G Peralta, md; texas endosurgery institute, San Antonio, Texas.
- P142 REFRACTORY ANEMIA IN HUGE HIATAL HERNIA: SURGICAL MANAGEMENT.** Wael N Abdelsalam, MD, Khaled M Katri, MD, Galal M Abouelnagah, MD, Elsaid Elkayal, MD, Tamer N Abdelbaki, MD, MRCS, Msc; University of Alexandria Faculty of Medicine
- P143 MULTIPLE PORT SITE METASTASES AFTER LAPAROSCOPIC GASTRECTOMY FOR CANCER: A CASE REPORT AND LITERATURE REVIEW** Amani Jambhekar, MD, Josue Chery, MD, John O'Laughlin, MS, Piotr Gorecki, MD; New York Methodist Hospital
- P144 LAPAROSCOPIC GASTRIC DIVERTICULUM RESECTION: A NOVEL APPROACH** John M Shellenberger, MD, Arthur Rawlings, MD, MDiv, Wayne Hudec, MD, Jason Mizell, MD; University of Missouri - Columbia
- P145 TIMED BARIUM SWALLOW VERSUS ESOPHAGEAL FUNCTION TESTING IN THE DIAGNOSIS OF ACHALASIA** Vikas Singhal, MD, Leena Khaitan, FACS; UNIVERSITY HOSPITALS-CASE MEDICAL CENTER, CLEVELAND
- P146 REOPERATION AFTER FAILED ANTI-REFLUX PROCEDURES** André Brandalise, MD, Nilton C Aranha, MD, Claudia Lorenzetti, MD, Nelson A Brandalise, PhD; Hospital Centro Medico de Campinas
- P147 IMPACT OF OBESITY ON THE MORBIDITY OF LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR: ANALYSIS USING THE NSQIP DATABASE** Radu Pescarus, MD, Maria A Cassera, BS, Eran Shlomovitz, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, MD; Providence Cancer Center, Portland; The Oregon Clinic, Portland, Oregon
- P148 COMPARATIVE STUDY OF CLINICAL OUTCOMES BETWEEN CONVENTIONAL LAPAROSCOPIC DISTAL GASTRECTOMY AND PURE SINGLE-INCISION DISTAL GASTRECTOMY FOR EARLY GASTRIC CANCER.** Sang-Hoon Ahn, MD, Do Joong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital
- P149 A ROBOT-ASSISTED PYLORUS PRESERVING GASTRECTOMY FOR EARLY GASTRIC CANCER: IS IT BETTER THAN LAPAROSCOPY-ASSISTED SURGERY?** Young-Woo Kim, Hong Man Yoon, Daniel Reim, Ji Yeon Park, Bang Wool Eom, Keun Won Ryu; Gastric Cancer Branch, Research Institute and Hospital, National Cancer Center
- P150 CONTEMPORARY OUTCOMES OF FIRST-TIME LAPAROSCOPIC REOPERATIVE FUNDOPLICATION** Stephanie G Worrell, MD, Daniel S Oh, MD, Christina L Greene, MD, Jeffrey A Hagen, MD, Steven R DeMeester, MD; Keck School of Medicine, University of Southern California

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- P151 QUALITY OF LIFE ASSESSMENT AFTER PERORAL ENDOSCOPIC MYOTOMY** Y Vigneswaran, MD, R Tanaka, M Gitelis, J Carbray, BS, M Ujiki, MD, FACS; NorthShore University Health System
- P152 LAPAROSCOPIC REPAIR OF PARAESOPHAGEAL HERNIAS WITH FALCIFORM LIGAMENT BUTTRESS** Raymond Laird, DO, Nathan Richards, MD, Fred Brody, MD, MBA, FACS; The George Washington University Medical Center
- P153 LAPAROSCOPIC PROPHYLACTIC GASTRECTOMY FOR CDH-1 GERMLINE MUTATION** John H Rodriguez, MD, Kevin M El-Hayek, MD, Matthew Kroh, MD, Sricharan Chalikonda, MD, Matthew Walsh, MD; Cleveland Clinic Foundation
- P154 MANAGEMENT OF INTRA-THORACIC ANASTOMOTIC LEAK AFTER ESOPHAGECTOMY: A SINGLE CENTER EXPERIENCE** Z Torgersen, MD, K Lohani, MBBS, P Pallati, MBBS, E Hagen, BS, K Nandipati, MBBS, T Lee, MD, S K Mittal, MBBS; Creighton University Department of Surgery
- P155 ESOPHAGEAL ANASTOMOSES USING THE ORVIL CIRCULAR STAPLER IN MAJOR UPPER GASTROINTESTINAL SURGERY** Benjamin C Knight, MD, Samuel J Rice, MBBS, Peter G Devitt, MS, Andrew Lord, MBBS, Philip A Game, MBBS, Sarah K Thompson, MD, PhD; University of Adelaide, Royal Adelaide Hospital, Queen Elizabeth Hospital
- P156 RISK FACTORS FOR POST-FUNDOPLICATION DYSPHAGIA: USE OF HIGH-RESOLUTION MANOMETRY** Se Ryung Yamamoto, Tommy H Lee, Kalyana C Nandipati, Pradeep Pallati, Kush R Lohani, Sumeet K Mittal; Department of Surgery, Creighton University School of Medicine, Omaha, Nebraska
- P157 SPONTANEOUS PNEUMOBILIA FROM DUODENAL B-CELL LYMPHOMA** Ashish Padnani, Darshak Shah, Talat Addasi; New York Hospital Queens
- P158 LAPAROSCOPIC ANTIREFLUX PROCEDURES WITH HEPATIC SHOULDER TECHNIQUE FOR THE SURGICAL MANAGEMENT OF LARGE PARAESOPHAGEAL HERNIAS AND GASTROESOPHAGEAL REFLUX DISEASE: FOLLOW-UP SERIES.** Philippe J Quilici, MD, Alexander S Tovar, MD, Miranda Boeh, RNNP, Kim Lewan, RNNP; Department of Surgery, Providence Saint Joseph Medical Center, 201 South Buena Vista Street, Suite 425, Burbank, CA 91505, USA.
- P159 IMPROVEMENT IN MENTAL HEALTH AND SOCIAL FUNCTIONING AFTER LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA** Steven Lorch, MD, Vic Velanovich, MD; University of South Florida College of Medicine
- P160 LAPAROSCOPIC SURGERY IN GASTRIC CANCER: WHY AREN'T WE THERE YET?** M. Mahir Ozmen, MD, MS, FACS, FRCS, Tevfik T Sahin, MD, PhD, Sibel Gelecek, MD, Ismail Bilgic, MD, Emre Gundogdu, MD, Emir Guldogan, MD, Munevver Moran, MD; Hacettepe University, Medical School, Department of Surgery and Ankara Numune Hospital, Department of Surgery, Ankara
- P161 USE OF LAPAROSCOPIC APPROACH IN GASTRIC TUMORS AT THE NATIONAL CANCER CENTER (MEXICO).** Itzel Vela Sarmiento, MD, Horacio Noe Lopez Basave, md, Angel Herrera Gomez, md, Javier Melchor Ruan, MD, Abelardo Meneses, md, Juan M Ruiz Molina, md, Alejandro Padilla R, md; National Cancer Center Mexico
- P162 LAPAROSCOPIC REPAIR OF GIANT TYPE III HIATAL HERNIA WITHOUT MESH REINFORCEMENT** Thiago Boechat, MD, Leonardo Ferraz, MD, Marcio Balieiro, MD, Baltazar Fernandes, MD, Jose Ribamar Azevedo, MD; Bonsucesso Federal Hospital

- P163 UTILIZATION OF BIOLOGIC MESH MATERIALS IN REPAIR OF INCISIONAL HERNIAS AMONG PERITONEAL DIALYSIS PATIENTS: A NOVEL APPROACH TO OPTIMIZING OUTCOMES** Florias A Morfesis, MD, Brian P Rose, MPH; Owen Drive Surgical Clinic of Fayetteville
- P164 SELECTIVE PLACEMENT OF SYNTHETIC MESH DURING CLEAN-CONTAMINATED LAPAROSCOPIC BARIATRIC PROCEDURES IS SAFE** Edward J Hannoush, MD, Kurt E Roberts, MD, Robert L Bell, MD, Andrew J Duffy, MD; Yale University. Yale School of Medicine.
- P165 THE CLINICAL TRIAL OF THE IDEAL MESH PLACEMENT FOR THE LAPAROSCOPIC INGUINAL HERNIA REPAIR WITH THE ELASTICATED MESH** Hideito Oishi, MD, Fumi Maeda, MD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takuya Satou, MD, Takayuki Iino, MD, Hidekazu Kuramuchi, MD, Shunsuke Onizawa, MD, Eiichi Hirai, MD, Mie Hamano, MD, Tutomu Nakamura, MD, Tatsuo Araida, MD; Yachiyo Medical Center, Tokyo Women's Medical University
- P166 EARLY EXPERIENCE WITH A NEW ANATOMICAL MESH FOR ENDO-LAPAROSCOPIC INGUINAL HERNIA REPAIR** Sujith I Wijerathne, MBBS, MRCS, Narendra Agarwal, MBBS, MS, Dino A Liem, MD, Davide Lomanto, MD, PhD, FAMS; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore
- P167 SINGLE INCISION LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL MESH HERNIOPLASTY FOR INGUINAL HERNIA IN 100 JAPANESE PATIENTS.** Kazuo Tanoue, MD, PhD, FACS, Hidenobu Okino, MD, PhD, Masamitsu Kanazawa, MD, PhD, Kiichiro Ueno, MD, PhD; Ueno Hospital, Fukuoka, Japan
- P168 OPEN INGUINAL HERNIA REPAIR WITH THE COMBINED USE OF A SELF-FIXATING MESH AND ELECTIVE NEURECTOMY: A LONG-TERM FOLLOW-UP** Dimitrios Tsakayannis, MD, PhD, Andreas Kiriakopoulos, MD, Dimitrios Linos, MD; Department of Surgery, Hygeia Hospital, Athens, Greece
- P169 AN OBSERVATIONAL STUDY OF LATENT INGUINAL HERNIAS DURING LAPAROSCOPIC SURGERY FOR OTHER SITES** Yuka Mine, Fumihiko Fujita, Daisuke Kawahara, Takehiro Mishima, Yasuhiro Torashima, Shinichiro Ito, Shigeki Minami, Kengo Kanetaka, Mitsuhsa Takatsuki, Tamotsu Kuroki, Susumu Eguchi Eguchi; Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences
- P170 DETERMINING THE PROPER DISTANCE FOR TRANS-ABDOMINAL SUTURES IN VENTRAL HERNIA REPAIRS: THE HIGGINS FORMULA** Andrew C McCoy, MD, James Rifenbery, MD, Michael Higgins, MD; Franciscan Health System
- P171 READMISSION RATES AFTER OUTPATIENT LAPAROSCOPIC VENTRAL HERNIA REPAIR** E. Charles Moore, DO, MS, Konstantinos Spaniolas, MD, William H Chapman, MD, John Pender, MD, Mark Manwaring, MD, Walter Pories, MD; East Carolina University, The Brody School of Medicine
- P172 FEMORAL VS INGUINAL HERNIA REPAIR: LONG-TERM CLINICAL AND QUALITY OF LIFE (QOL) OUTCOMES FROM A PROSPECTIVE, INTERNATIONAL DATABASE** Joel F Bradley III, MD, K B Williams, MD, B A Wormer, MD, A L Walters, MS, K T Dacey, MHA, B T Heniford, MD, V A Augenstein, MD; Carolinas Medical Center
- P173 DOES CONCURRENT INGUINAL HERNIA REPAIR DURING ROBOTIC PROSTATECTOMY INCREASE THE RISK OF INFECTIONS?** Steven Garcia, MD, Monica Morgan, MD, Jeffrey A Cadeddu, MD, Claus Roehrborn, MD, Daniel J Scott, MD; UT Southwestern Medical Center



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**P174 TOTALLY EXTRAPERITONEAL REPAIR FOR INCISIONAL HERNIA** Chen Kuo-Hsin, MD, Chio U-Chon, MD, Wu Jiann-Ming, MD, Chen Shian-dian, MD, Chen Ying-Da, MD, Huang Shu-Yi, MD, Jeng Kuo-Shyang, MD, Lin Tzu-Chao, MD, Siow Tiing-Foong, MD, Sum Shao-Yin, MD, Loi Chao-Man, MD; Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, Ban Ciao, Taipei, Taiwan

**P175 PROSPECTIVE COMPARISON BETWEEN REDUCED PORT LAPAROSCOPIC HIATAL HERNIA REPAIR AND USUAL 5 PORT ONE** Koji Hattori, MDPhD, Takeshi Tanaka, MD, Kazunao Nakano, MD, Isao Toura, MDPhD; Endoscopic Surgery Center, Gyotoku General Hospital

**P176 AN UMBRELLA APPROACH TO LARGE OR MASSIVE INCISIONAL HERNIAS WITH OPEN COMPONENTS SEPARATION AND BIOLOGIC MESH REINFORCEMENT** Gordon Lee, BS, Audriene Sanchez, MS, Heidi Ryan, MD, Shawn Tsuda, MD, FACS; University of Nevada School of Medicine

**P177 PATIENT REPORTED OUTCOMES FOLLOWING LAPAROSCOPIC VENTRAL HERNIA REPAIR** R M Antiel, MD, MA, S C Dupont, MD, M J Samaha, K V Ballman, PhD, J Bingener, MD; Mayo Clinic, Rochester MN

**P178 LAPAROSCOPIC PARASTOMAL HERNIA REPAIR WITH DEFECT CLOSURE: TECHNIQUES AND PRELIMINARY RESULTS** Suthep Udomsawaengsup, MD, Soravith Vijitpornkul, MD, Pakkavuth Chansawangphuvana, MD, Aijana Techagumpuch, MD, Suppa-ut Pungapong, MD, Chadin Tharavej, MD, Patpong Navicharn, MD; Chula Minimally Invasive Surgery Center, Chulalongkorn University

**P179 MESH INFECTION SALVAGE WITH LOCALLY BEE-HONEY APPLICATION.** Esmer David, phd, Salas Monica, phd, Alvarez-Iostado Fernando, phd, Muñoz Alejandro, phd; central hospital

**P180 UNDERLAY VERSUS RETRORECTUS MESH PLACEMENT IN COMPLEX VENTRAL HERNIA REPAIR UTILIZING ENDOSCOPIC COMPONENT SEPARATION** M Gustafson, MD, R Kimball, MD, B Pellini, MD, I Daoud, MD, FACS; Department of Minimally Invasive Surgery, St. Francis Hospital and Medical Center; Hartford, CT

**P181 THE INFLUENCE OF HIATAL HERNIA SIZE ON RECURRENCE RATE FOLLOWING LAPAROSCOPIC HIATAL HERNIA REPAIR** Aaron M Williams, BA, Salomon Levy, MD, Daniel L Davenport, PhD, Margaret Plymale, MSN, RN, J. Scott Roth, MD; The University of Kentucky, Department of Surgery, Division of Gastrointestinal Surgery and Minimally Invasive Surgery

**P182 LAPAROSCOPIC PARASTOMAL HERNIA REPAIR: NO DIFFERENT THAN A LAPAROSCOPIC VENTRAL HERNIA REPAIR?** Salomon Levy, MD, Margaret Plymale, RN, Daniel P Davenport, PhD, J. Scott Roth, MD; University of Kentucky

**P183 PROSPECTIVE EVALUATION OF SELF-GRIPPING MESH (PARIETEX PROGRIP™) WITHOUT ADDITIONAL FIXATION DURING LAPAROSCOPIC TOTAL EXTRAPERITONEAL (TEP) INGUINAL HERNIA REPAIR: ONE YEAR RESULTS IN 102 HERNIAS** Andrew Bates, MD, Mark Reiner, MD, Andrew Wu, MD, Brian P Jacob, MD; Mount Sinai Medical Center, NYC

**P184 SINGLE UMBILICAL TANGENTIAL INCISION (SUTI) LAP-TEP INGUINAL HERNIA REPAIR** Jun-Beom Park, MD, Myung-Hoon Lim, MD, Ji-Young Sul, PhD, MD; Chungnam National University Hospital

**P185 FIBRIN SEALANTS FOR THE PREVENTION OF POSTOPERATIVE PANCREATIC FISTULA FOLLOWING PANCREATIC SURGERY (A COCHRANE REVIEW)** Nansheng Cheng, MD, Xianze Xiong, MD, Su Peng, MD, Yao Cheng, MD; West China Hospital, Sichuan University

**P186 CHOLANGIOCARCINOMA IN HEPATIC HEMANGIOMA WITH HEPATITIS B INFECTION** Yao Cheng, MD, Nansheng Cheng, MD, Xianze Xiong, MD; Department of Bile Duct Surgery, West China Hospital, Sichuan University

**P187 TRANSUMBILICAL MULTI-MINI PORT CLIPLESS CHOLECYSTECTOMY WITHOUT USING TRIPORT** Muhammad Nadeem, HOUSE, OFFICER, Mustafa Kamal Pasha, Professor; NISHTAR MEDICAL COLLEGE AND HOSPITAL

**P188 LAPAROSCOPIC CHOLECYSTECTOMY (SILC) WITH CONVENTIONAL THREE PORT LAPAROSCOPIC CHOLECYSTECTOMY** Muhammad Nadeem, HOUSE, OFFICER, Zafar Ali Ch, Professor, Burhan ul Haq, RESIDENT; JINNAH HOSPITAL

**P189 EXPERIENCE WITH THE TREATMENT OF LAPAROSCOPIC COMMON BILE DUCT EXPLORATION FOR COMMON BILE DUCT STONES WITH NONSEVERE ACUTE CHOLANGITIS** Bin Zhu, MD, Yan Wang, MD, Ke Gong, MD, Yiping Lu, MD, Yu Ren, MD, Xiaopu Hou, MD, Nengwei Zhang, MD; Department of General Surgery of Beijing Shijitan Hospital, Capital Medical University

**P190 THE STUDY OF THE THROMBOPHILIC RISK FACTORS IN THE PATIENTS WITH HYPERCOAGULABLE STATE UNDERWENT LAPAROSCOPIC CHOLECYSTECTOMY** Ke Gong, MD, Yankai Zhang, MD, Nengwei Zhang, MD, Dexiao Du, MD; Beijing Shijitan Hospital, Capital Medical University

**P191 LAPAROSCOPIC SPLENIC PRESERVING DISTAL PANCREATECTOMY FOR RETRIEVAL OF A PROXIMALLY MIGRATED PANCREATIC STENT.** Ziad T Awad, MD, FACS, Justin C McCarty, BS, Michael Herman, DO, FACP, Jose Nieto, DO, FACP; University of Florida - Jacksonville

**P192 MINIMAL INVASIVE TREATMENT FOR PATIENT WITH SITUS INVERSUS TOTALIS WITH DIAGNOSIS BILIARY PANCREATITIS** G Peralta, MD, E Ortiz, md, A Topete, Z Del Real, A Palomo, MD, Alex Rodriguez, MD; Hospital Metropolitano "Bernardo Sepulveda "

**P193 LAPAROSCOPIC HEPATECTOMY FOR DORSAL REGION OF THE RIGHT LOBE WITH A TRANSTHORACIC PORT** Masayasu Aikawa, MD, PhD, Mitsuo Miyazawa, Katsuya Okada, Yukihiro Watanabe, Shigeki Yamaguchi, Shinichi Sakuramoto, Isamu Koyama; Gastrointestinal Center, Saitama Medical University, International Medical Center

**P194 Withdrawn**

**P195 LAP DISTAL PANCREATECTOMY IN BENIGN PANCREATIC CYST/TUMOR (INSULINOMA)** Errawan Wiradisuria, MD; Premier Bintaro Hospital, Bintaro, Indonesia

**P196 TELAPREVIR WITH ADJUSTED DOSE OF RIBAVIRIN IN NAIVE CHC-G1: EFFICACY AND TREATMENT IN CHC IN HEMODIALYSIS POPULATION. TARGET C TRIAL- A PLACEBO RANDOMIZED CONTROL CLINICAL TRIAL** P Patrick Basu, MD, MRCP, FAGF, AGAF, Niraj J Shah, MD, Md Ashfique, MD, Sakina Farhat, MD, Ravi Siriki, MD; 1. Columbia University College of Physicians and Surgeons, NY 2. NSLIJHS/ Hofstra North Shore LJ School of Medicine, NY 3. James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

**P197 ROMIPLOSTIM'S EFFECT TO OPTIMIZE SVR WITH TELAPREVIR, RIBAVIRIN, AND PEG INTERFERON-ALFA 2A IN THROMBOCYTOPENIC CIRRHOTICS WITH CHRONIC HEPATITIS C. A PLACEBO CONTROLLED PROSPECTIVE CLINICAL TRIAL: RESTRAINT C TRIAL** Prithwijit Basu, MD, MRCP, FAGF, AGAF, Niraj J Shah, MD, Ravi Siriki, MD, Md Ashfique, MD, Sakina Farhat, MD; 1 Columbia University College of Physicians and Surgeons, NY; 2 NSLIJHS/ Hofstra North Shore LJ School of Medicine, NY, 3 James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY



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**P198 ROLE OF INTRAVENOUS N-ACETYL CYSTEINE (NAC) WITH STEROID IN ACUTE ALCOHOLIC HEPATITIS (AAH) WITH HIGH MORBIDITY SCORE: A RANDOMIZED OPEN LABEL PROSPECTIVE CLINICAL PILOT TRIAL** P Patrick Basu, MD, MRCP, FACC, AGAF, Niraj J Shah, MD, Richard Huang, Medical, Student, LIJ, Ravi Siriki, MD, Md Ashfique, MD, Sakina Farhat, MD; 1. Columbia University College of Physicians and Surgeons, NY 2. NSLIJHS/ Hofstra North Shore LIJ School of Medicine, NY 3. James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

**P199 MANAGEMENT OF AN UNUSUAL CASE OF LOWER GASTRO-INTESTINAL BLEEDING: ULCERATED CHOLEDOCHOCLE** E Ray-Offor, MBBS, FWACS, DMAS, S N Elenwo, MBBS, FWACS, P O Igwe, MBBS; University of Port-Harcourt Teaching Hospital Port-Harcourt Rivers State Nigeria

**P200 POSITIVE LYMPH NODE TO RECOVERED LYMPH NODE RATIO AS A PREDICTOR OF SURVIVAL IN PATIENTS WITH PANCREATIC DUCTAL ADENOCARCINOMA** Ambar Banerjee, MD, Lee Coghill, BS, Elango Edhayan, MD, Richard Berri, MD; Department of Surgery, Division of Surgical Oncology, St John Hospital and Medical Center Detroit, MI, USA

**P201 USAGE OF A SOFT-COAGULATION DEVICE FOR SAFE PERFORMANCE OF TOTAL LAPAROSCOPIC HEPATECTOMY: DETACHMENT AND TRANSECTION OF BLOOD VESSELS USING A MONOPOLAR SOFT-COAGULATION DEVICE** Mitsuo Miyazawa, MD, Masayasu Aikawa, MD, Katsuya Okada, MD, Kojun Okamoto, MD, Shigeki Yamaguchi, MD, Isamu Koyama, MD; Saitama Medical University International Medical Center

**P202 LEARNING CURVE OF SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY: A PRELIMINARY STUDY IN A TEACHING HOSPITAL** Jinyan Han, Shuodong Wu, Yang Su, Jing Kong, Yu Tian, Ying Fan; Biliary and Vascular Ward, Shengjing Hospital of China Medical University

**P203 LAPAROSCOPIC TREATMENT OF LIVER HYDATID DISEASE IN CASES OF CYST RUPTURE** Serik Tokpanov, Sagidulla Dosmagambetov, Vladimir Kotlovskiy; 1. Hospital of the Presidents Administration of Republic of Kazakhstan, Astana, Kazakhstan 2. Department of Laparoscopic Surgery, Regional Pediatric Hospital, Aktobe, Kazakhstan

**P204 THE APPLICATION OF SINGLE-INCISION LAPAROSCOPIC SURGERY ON THE RESECTION OF HEPATIC HEMANGIOMA: INITIAL EXPERIENCE AND CURRENT UPDATE** Dianbo Yao, Shuodong Wu, Xiaopeng Yu, Ying Fan, Jing Kong, Yongsheng Chen; Department of Vascular and Bile Duct Surgery, Shengjing Hospital, China Medical University, Shenyang, China

**P205 LAPAROSCOPIC AND IOC IN GALLBLADDER REMNANT** Praneetha Narahari, MD; Saint Agnes Medical Center, Fresno, CA

**P206 SINGLE PORT CHOLECYSTECTOMY: STANDARD TECHNIQUE IN 100 CASES** Sergio Rojas-ortega, MD, Emina Pasic, MD, Rachid Cesin, MD, Gerardo Reed, MD, Daniel Arizpe, MD, Cris Gomez, RN, Luis Miguel Campos, PE; HOSPITAL ANGELES / Puebla-MEXICO.

**P207 SILS HEPATECTOMY FOR HEPATIC HYDATID DISEASE: A CASE REPORT** Tuna Bilecik, Burhan Mayir, Cemal Özben Ensari, Mehmet Akif Türkoglu, Mehmet Tahir Oruç, Ramazan Eryilmaz; Antalya Education and Research Hospital

**P208 THREE PORT LAPAROSCOPIC CHOLECYSTECTOMY** Burhan Mayir, Tuna Bilecik, Cemal Özben Ensari, Erdem Can Yardimci, Mehmet Tahir Oruç; Antalya Education and Research Hospital

**P209 ADENOCARCINOMA OF THE DUODENUM: USEFULNESS OF INTRAOPERATIVE ENDOSCOPY.** Alberto Montori, MD, M. Gasparrini, MD, M. Onorato, MD, F. Mari, MD, T. Di Cesare, MD, \*v. Petrozza, MD, \*n. Porta, MD, \*I. Santini, MD; Rome University "Sapienza" \*Pathology Unit ICOT.

**P210 PRIMARY CARCINOSARCOMA AND SARCOMATOID CARCINOMA OF THE LIVER: CLINICAL FEATURES, SURGICAL TREATMENT, AND PROGNOSIS** Jiong Lu, MD, NanSheng Cheng, MD; Department of Bile Duct Surgery, West China Hospital, Sichuan University, Chengdu, Sichuan Province, China

**P211 TEN REASONS TO USE FLUORESCENT CHOLANGIOGRAPHY IN LAPAROSCOPIC CHOLECYSTECTOMY** Fernando Dip, MD, Mayank Roy, MD, Emanuele Lo Menzo, MD, Conrad Simpfendorfer, MD, Samuel Szomstein, MD, Raul Rosenthal, MD; Cleveland Clinic Florida

**P212 ROLE AND LIMITATIONS OF INDOCYANINE GREEN NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY: EXPERIENCE IN 100 PATIENTS** Pedro Ferraina, MD, Fernando Dip, MD, Mario Nahmod, MD, Lisandro Alle, MD, Carolina Ampudia, MD, Abraham Abdemur, MD, Lo Menzo Emanuele, MD, PhD, Conrad Simpfendorfer, MD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

**P213 THE EFFICACY AND SAFETY OF LAPAROSCOPIC COMMON BILE DUCT EXPLORATION (LCBDE) FOR PATIENTS WHO HAVE HAD PREVIOUS OPERATIONS.** Yoshihide Chino, PhD, Masaki Fujimura, PhD, Isao Sato, MD, Hajime Yamazaki, PhD, Makoto Mizutani, PhD, Tomatake Tabata, MD, Iwao Kitazono, MD; Daiichi-Towakai-Hospital endoscopic surgery center

**P214 AN UNUSUAL CASE PRESENTED WITH COINCIDENCE OF PRIMARY HEPATIC NEUROENDOCRINE TUMORS AND GALLBLADDER ADENOCARCINOMA** Jiong Lu, MD, NanSheng Cheng, MD; Department of Bile Duct Surgery, West China Hospital, Sichuan University, Chengdu, Sichuan Province, China

**P215 EFFECT OF ROWACHOL ON PREVENTION OF POSTCHOLECYSTECTOMY SYNDROME AFTER LAPAROSCOPIC COLECYSTECTOMY** In Woong Han, MD, Do Young Lee, MD, Oh Chong Kwon, MD, Min Gu Oh, MD, PhD, Seung Eun Lee, MD, PhD; Departments of Surgery, Dongguk University College of Medicine, Goyang, South Korea

**P216 "ADULT PANCREATIC HEMANGIOMA" CASE REPORT AND LITERATURE REVIEW** Unenbat Gurbadam, MD; National Cancer Center of Mongolia

**P217 ROLE OF ROUTINE INTRAOPERATIVE CHOLANGIOGRAPHY DURING LAPAROSCOPIC CHOLECYSTECTOMY** Ashwani Kumar, MBBS, MS, Upasna Kumar, MBBS, MS, Anand Mungadai, MBBS, Ashvind Bawa, MBBS, MS; Government Medical College, Patiala (Punjab), India

**P218 A METHOD FOR MEASURING COPPER ABSORPTION USING A SHORT-LIVED ISOTOPE (64CU)** Paul M Tasker, FRCS, Joan Braganza, DSc, FRCP, Harbans Sharma, MSc, PhD, DSc; Manchester Royal Infirmary

**P219 COPPER ABSORPTION IN CHRONIC PANCREATITIS** Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP; Manchester Royal Infirmary

**P220 THE INFLUENCE OF PH IN PROXIMAL SMALL BOWEL PERFUSION ON 64CU ABSORPTION IN ANAESTHETISED RATS** Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP, Maynard Case, BSc, PhD; Manchester Royal Infirmary

**P221 INFLUENCE OF PH, DOSE VOLUME, HUMAN PANCREATIC JUICE AND BILE ON 64CU ABSORPTION FROM THE RAT CLOSED DUOJEJUNAL LOOP.** Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP, Maynard Case, BSc, PhD; Manchester Royal Infirmary





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**P222 RAISED 64CU-CAERULOPLASMIN AND URINARY 64CU EXCRETION; INDICATORS OF ALTERED COPPER STATUS IN CHRONIC PANCREATITIS.** Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP; Manchester Royal Infirmary

**P223 GALLSTONE ILEUS IN THE SETTING OF SITUS INVERSUS** Heidi J Miller, MD, MPH, Nadia Awad, MD, Jihan Hegazy, MD, FACS; Albert Einstein Healthcare Network

**P224 HAEMOBILIA SECONDARY TO A NON TRAUMATIC CYSTIC ARTERY PSEUDOANEURYSM PRESENTING AS MASSIVE UPPER GI BLEED MANAGED BY MINIMALLY INVASIVE SURGERY: CASE REPORT** Ahmed Hammad, Mr, Mohamed Attique, Mr, Imran Inam, Mr, Manreek Basi, Dr, Mohamed Sajed, Dr, Sajed Mahmud, Mr; Upper GI unit. Hairmyres Hospital. NHS Lanarkshire. Glasgow

**P225 AN INTERESTING CASE OF MEN TYPE 1 DIAGNOSED ON WORKUP FOR CHOLECYSTITIS** Darshak Shah, MD, MBBS, Alexander Valderrama Ramirez, MD, Ashish Padnani, MD, MBBS, Talat Addasi, MD; New York Hospital Queens, New York

**P226 DOES ULTRASOUND PREDICT INTRAOPERATIVE FINDINGS AT CHOLECYSTECTOMY? AN INSTITUTIONAL REVIEW.** Shannon Stogryn, BSc, MBBS, Jennifer Metcalfe, MD, Ashley Vergis, MD, MMed, FRCSC, FACS, Krista Hardy, MSc, MD, FRCSC; University of Manitoba

**P227 Withdrawn**

**P228 A NOVEL APPROACH FOR TOTAL LAPAROSCOPIC PANCREATODUODENECTOMY** Yiping Mou, MD, FACS, XiaoWu Xu, MD, Weiwei Jin, MS, Jiafei Yan, MS, Yuchen Zhou, MS, Ke Chen, MS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

**P229 TOTALLY LAPAROSCOPIC RIGHT HEPATECTOMY WITH MODIFIED LIVER HANGING TECHNIQUE** Gadiyaram Srikanth, MCh, Neel Shetty, DNB; Institute of Gastroenterology, Global Hospitals, Bangalore

**P230 LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION FOLLOWING PREVIOUS BILIO-ENTERIC BYPASS** Gadiyaram Srikanth, MCh, Neel Shetty, MCh, Ganesh Shenoy; Institute of Gastroenterology, Global Hospitals, Bangalore

**P231 LAPAROSCOPIC PANCREAS-SPARING SUBTOTAL DUODENECTOMY IN GASTROINTESTINAL STROMAL TUMOR OF THE DUODENUM: COMPARISON WITH OPEN SURGERY** Sung Hoon Choi, MD, Chang Moo Kang, MD, Sung Hwan Lee, MD, Jin Ho Lee, MD, Ho Kyoung Hwang, MD, Woo Jung Lee, MD, PhD; Division of hepatobiliary and pancreas, Department of Surgery, Yonsei University College of Medicine, Seoul, Korea

**P232 Withdrawn**

**P233 Withdrawn**

**P234 LAPAROSCOPIC LIVER RESECTION: AN EARLY EXPERIENCE IN A RESOURCE LIMITED COUNTRY** Tsiiregzen Enkh-Amgalan, MD, Jigjidsuren Chinburen, MD, Katie M Wells, MD, Erdenebileg Taivanbaatar, MD, Gurbadam Unenbat, MD, Dagvadorj Munkhbat, MD, Erdene-Ochir Dulguun, MD, Raymond Price, MD; National Cancer Center of Mongolia, University of Utah Center for Global Surgery, Intermountain Health Care

**P235 LAPAROSCOPIC RIGHT POSTERIOR SECTIONECTOMY IN PATIENTS WITH HEPATOCELLULAR CARCINOMA IN THE ERA OF LAPAROSCOPIC SURGERY** Jai Young Cho, Ho-Seong Han, Yoo-Seok Yoon, Dae Wook Hwang, Kyuwhan Jung, Young Ki Kim, Hong Kyung Shin, Woohyung Lee; Seoul National University Bundang Hospital, Seoul National University College of Medicine

**P236 LAPAROSCOPIC MEDIAN PANCREATECTOMY FOR SELECT MID BODY TUMORS OUR INDICATIONS, TECHNIQUE AND RESULTS** C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, V P Nalankilli, MS, S Balamurali, MS, S Srivastan, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

**P237 LAPAROSCOPIC CHOLEDOCOSCOPY** Adrian Maghiar, Prof, PhD, MD, George Dejeu, MD, Teodor Maghiar, Prof, PhD, MD, Alin Suta, MD; Spitalul Pelican Oradea

**P238 SINGLE-PORT LAPAROSCOPIC LIVER SURGERIES** Soo ho Lee, Eun Young Kim, Sung Kyun Park, Jae Hyun Han, Gun Hyung Na, Ho Joong Choi, Tae Ho Hong, Young Chul Yoon, Dong Goo Kim, Young Kyoung You; The Catholic University of Korea, Seoul St. Mary's Hospital

**P239 EFFECT OF PPI USE ON THE DIAGNOSIS OF BILIARY DYSKINESIA WITH CCK HIDA SCINTIGRAPHY** Wesley A Dailey, MD, Steven Bowers, MD, John A Stauffer, MD, Horacio J Asbun, MD, Mauricia A Buchanan, RN, Eric Lam, BS; Mayo Clinic Florida

**P240 LAPAROENDOSCOPIC RENDEZVOUS: AN EFFECTIVE TREATMENT FOR PATIENTS WITH CHOLELITHIASIS AND CHOLEDOCHOLITHIASIS** Brijendra Singh, MSMChGI, Surgery, Shahana Gupta, MS, Vk Mishra, MDDMMEDICAL, GASTROENTEROLGY, Arun Khanduri, MDDM, MEDICAL, GASTROENTEROLOGY, Alok Gupta, MDDMMEDICAL, GASTROENTEROLOGY; REGENCY HOSPITAL, KANPUR, INDIA AND MEDICAL COLLEGE CALCUTTA, INDIA

**P241 LAPAROSCOPIC PANCREATECTOMY OF ACINAR PANCREATIC CANCER** David Aguirre-mar, MD, MSM, MEdu, Eduardo Giasi, MD, Genaro Vazquez, MD, Paola Ripa, MD; MEDICAL ARTS INSTITUTE - ITESM SCHOOL OF MEDICINE

**P242 MANAGEMENT OF A RECURRENT PANCREATIC PSEUDOCYST** Christian Cussin, MD, Lucas O Tijerina, MD, Miguel A Zapata, MD, David Orozco, MD, Jorge Cantú, MD, Jorge Balli, MD; CHRISTUS MUGUERZA

**P243 OUTCOME FOLLOWING LAPAROSKOPIK TREATMENT FOR LIVER HYDATID CYST: SINGLE-INSTITUTION EXPERIENCE** Bulent C Yuksel, AssProf, Tezcan Akin, MD, Savas Baba, MD, Huseyin Berkem, MD, Hakan Ozel, MD, Fatih M Aysar, Prof; Ankara Numune Education and Research Hospital/Department of General Surgery

**P244 LAPAROSCOPIC PANCREAS SURGERY FOR SOLID PSEUDOPAPILLARY TUMOR IN CHILDREN** Jung-Man Namgoong, MD, Dae-Yeon Kim, MD, PhD, Song-Cheol Kim, MD, PhD, Seong-Chul Kim, MD, PhD, Ki-Byung Song, MD, PhD, Ji-Hee Hwang, MD; Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

**P245 EXPERIENCES OF LAPAROSCOPIC LIVER RESECTION FOR LIVER TUMORS IN PEDIATRIC PATIENTS: INITIAL 11 CASES** Jung-Man Namgoong, MD, Dae-Yeon Kim, MD, PhD, Seong-Chul Kim, MD, PhD, Ki-Hun Kim, MD, PhD, Ji-Hee Hwang, MD; Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

**P246 IMPORTANCE OF THE NODE OF CALOT IN GALL BLADDER NECK DISSECTION: A NOVEL STANDARDIZED APPROACH TO THE LAPAROSCOPIC CHOLECYSTECTOMY** Michael Timoney, MD, Sharique Nazir, MD, David Swedler, MD, George S Ferzli, MD, FACS; Lutheran medical Center, Brooklyn, New York

**P247 TREATMENT AND REMOVAL OF A DOUBLE GALLBLADDER WITH TWO DISTINCT STONE COMPOSITIONS: A CASE REPORT** Andrea Zelisko, MD, Walter Chlysta, MD, FACS; Akron General Medical Center

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**P248 4-CHANNEL SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY USING A SNAKE RETRACTOR** In Seok Choi, PhD, Naksong Sung, MD, Wonjun Choi, MD, Ju Ik Moon, MD, Daesung Yoon, MD, Yumi Ra, MD; Department of Surgery, Konyang University Hospital, Daejeon, Korea

**P249 SIMULTANEOUS LAPAROSCOPIC S8 SEGMENTECTOMY OF LIVER AND LADG IN PATIENT WITH SYNCHRONOUS HCC AND EGC** In Seok Choi, PhD, Naksong Sung, MD, Wonjun Choi, MD, Sangeok Lee, MD, Juik Moon, MD; Department of Surgery, Konyang University Hospital, Daejeon, Korea

**P250 LAPAROSCOPIC APPROACH FOR LARGE POLYPOID LESIONS AND CANCER OF THE GALLBLADDER** Radbeh Torabi, MD, Zhi Ven Fong, MD, David W Rattner, MD, Keith D Lillemo, MD, Cristina R Ferrone, MD; Department of Surgery, Massachusetts General Hospital

**P251 UTILITY OF VESSEL SEALING SYSTEM IN LAPAROSCOPIC HEPATECTOMY** Fumiki Kushihata, Takaaki Takebayashi, Tetsuya Mizumoto, Shoichi Kageyama, Hitoshi Inoue, Akihiro Takai, Jota Watanabe, Taiji Toyama, Yasutsugu Takada; Department of HBP Surgery and Breast Surgery, Graduate School of Medicine Ehime University

**P252 AGENESIS OF GALLBLADDER** P Ripa, MD, M Reyes, MD, C Jaurrieta, MD; Tec de Monterrey Hospital San Jose

**P253 LAPAROSCOPIC HAND SEWN REPAIR OF A CHOLECYSTODUODENAL FISTULA AS A TRANS OPERATIVE FINDING. A CASE REPORT** Jose Pulido, MD, Eduardo Garcia-flores, MD, Jeronimo Monterrubio, MD, Ulises Caballero, MD, Luis Zavala, MD, Marco Juarez, MD, Christian Cussin, MD; CHRISTUS MUGUERZA - UDEM

**P254 EFFECT OF PRE-OPERATIVE BILIRUBIN LEVELS ON POST-OPERATIVE MORTALITY AND MORBIDITY AFTER PANCREATICO-DUODENECTOMY FOR PANCREATIC CANCER. AN ANALYSIS OF 4850 PATIENTS FROM NSQIP DATABASE.** Piyush Aggarwal, MD, David Marx, PhD, Kiran Turaga, MD, Armour Forse; Creighton University Medical Center

**P255 USEFULNESS AND LIMITATIONS OF THE ONE STEP APPROACH TO MANAGING BILIARY PANCREATITIS** Ashley Pistorio, MD, Cory Richardson, MD, Heidi Ryan, MD, Charles R St. Hill, MD, MSc, Matthew Johnson, MD, Matthew Ingle, Nathan I Ozobia, MD, FACS; University of Nevada School of Medicine

**P256 MICROBIOLOGY AND ANTIBIOTIC PROPHYLAXIS IN LAPAROSCOPIC CHOLECYSTECTOMY** Phrompirun Wattanawiggid, MD, Achara Chankaew, MD, Petch Kasetsuwan, MD, Panot Yimcharoen, MD; Bhumibol Adulyadej Hospital, Bangkok, Thailand

**P257 A DIARY OF A LAPAROSCOPIC SURGEON IN AFRICA** Mohamed Sealeem, dr; Cairo university

**P258 LAPAROSCOPIC PERITONEAL ENTRY AFTER ABDOMINOPLASTY; A NEW TECHNIQUE** Sebastiano Cassaro, MD, Laura S Bernstein, MD, Nichole S Meissner, MD; Albert Einstein College of Medicine-Beth Israel Medical Center, Kaweah Delta Health Care District

**P259 MOTION SICKNESS IN THE OPERATING ROOMS – EFFECT OF MINIMALLY INVASIVE TECHNIQUES** Osama Alsaied, MD, Ken Yoshida, PhD, Connie C Shmitz, PhD, David Radosevich, PhD, Sayeed Ikramuddin, MD, Jeffery Chipman, MD; University of Minnesota - Department of Surgery

**P260 OPERATING IN THE COMFORT ZONE: INTERNS PERFORM BETTER WITH STRAIGHT OVER ARTICULATING INSTRUMENTS** Bethany R Lowndes, Bernadette McCrory, PhD, Chad A LaGrange, MD, David R Farley, MD, Raaj K Ruparel, MD, Yazan N AlJamil, MBBS, Susan Hallbeck, PhD; Mayo Clinic, University of Nebraska Medical Center, University of Nebraska - Lincoln

**P261 SURGEON STRESS PERFORMING SINGLE-PORT VS TRADITIONAL LAPAROSCOPIC CHOLECYSTECTOMIES** Bethany R Lowndes, Juliane Bingener, MD, Susan Hallbeck, PhD; Mayo Clinic

**P262 FATIGUE QUANTIFICATION IN LAPAROSCOPIC SURGERY: A RECURRENCE-ANALYSIS BASED APPROACH** Ikechukwu Ohu, BS, Ali K Panahi, BS, Ahmed M Zihni, MD, MPH, Jaime A Cavallo, MD, MPHS, Sohyung Cho, PhD, Michael M Awad, MD, PhD; Washington University in St Louis, Department of Surgery; Southern Illinois University Edwardsville, Department of Engineering

**P263 ERGONOMIC ANALYSIS OF BASIC AND ADVANCED LAPAROSCOPIC PROCEDURES** Ahmed M Zihni, MD, MPH, Jaime A Cavallo, MD, MPHS, Ikechukwu Ohu, BS, Sohyung Cho, PhD, Michael M Awad, MD, PhD; Department of Surgery, Washington University School of Medicine; Department of Engineering, Southern Illinois University Edwardsville

**P264 EVALUATION OF VESSEL SEALING PERFORMANCE OF ULTRASONIC DEVICES IN A PORCINE MODEL** D Meiselman, Mr, R Tanaka, MD, PhD, M Zapf, Mr, C Karras, Mr, B Abar, Mr, M Feinberg, Mr, J Zhao, MD, M Ujiki, MD; NorthShore Health Care System, Department of Surgery

**P265 ETRACK: AN AFFORDABLE ERGONOMIC ASSESSMENT TOOL FOR SURGICAL SETTINGS** Timothy R Coles, PhD, Caroline G Cao, PhD, Cedric Dumas, PhD; Commonwealth of Scientific and Industrial Research Organisation, Wright State University

**P266 EVALUATION OF EYE & HAND FATIGUE IN 3D VS. 2D DISPLAY SYSTEMS FOR SURGICAL NOVICES DURING LAPAROSCOPIC SUTURING; A RANDOMISED CONTROL TRIAL** Adham Youssef, Walid Elbakkak, Amina Bouhelal, Bijan Patel; Queen Mary, University of London

**P267 THE IMPACT OF HELICOBACTER PYLORI ON THE COMPLICATIONS OF LAPAROSCOPIC SLEEVE GASTRECTOMY** Sulaiman Almazeedi, MD, Salman Al-Sabah, Dheidan Alshammari, Shamlan Alqinai; Amiri Hospital - Kuwait

**P268 ROUX-EN-Y GASTRIC BYPASS FOR SUPER OBESE PATIENTS: WHAT APPROACH?** Nicolas C Buchs, MD, Dan Azagury, MD, Francois Pugin, MD, Minoa Jung, MD, Olivier Huber, MD, Gilles Chassot, MD, Philippe Morel, MD; Department of Surgery, University Hospital of Geneva

**P269 LAPAROSCOPIC REVISION OF VERTICAL BANDED GASTROPLASTY TO SLEEVE GASTRECTOMY FOR GASTRIC OUTLET OBSTRUCTION: EARLY EXPERIENCE IN 18 PATIENTS** Richdeep S Gill, MD, PhD, Shahzeer Karmali, MD, John A Primomo, MD, Lee Morris, MD, Xinzhe Shi, MPH, Vadim Sherman, MD, FACS; (1) Department of Surgery, University of Alberta, Edmonton, Alberta, Canada. (2) Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandria Hospital, Edmonton, Alberta, Canada. (3) The Methodist Hospital, Houston, Texas, USA

**P270 LAPAROSCOPIC SLEEVE GASTRECTOMY AFTER PREVIOUS PYLOROMYOTOMY FOR INFANTILE HYPERTROPHIC PYLORIC STENOSIS. CASE REPORT AND DISCUSSION OF LSG-MEDIATED WEIGHT LOSS MECHANISM** Edward J Hannoush, MD, Sebastian Eid, MD, Douglas R Ewing, MD, Hans J Schmidt, MD; Hackensack University Hospital

**P271 DOES THE SURGEON EXPERIENCE INTERFERE WITH THE LEAK RATE AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY ?** Patrick Noel, MD, Marius Nedelcu, MD; Private Hospital La Casamance, Aubagne, Marseille, France



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- P272 COMPARISON OF LAPAROSCOPIC AND OPEN REVISION ROUX-EN-Y GASTRIC BYPASS** Y Assadipour, MD, K Vaziri, MD, J Holzmacher, MD, Richard L Amdur, PhD, Juliet Lee, MD, Paul P Lin, MD; The George Washington University Hospital
- P273 DELAYED PRESENTATION OF CONGENITAL MALROTATION WITH MIDGUT VOLVULUS PRESENTING AFTER A LAPAROSCOPIC GASTRIC BYPASS** Martin D Avery, MD, Rana Pullatt, MD; Medical University of South Carolina
- P274 EFFECTIVENESS OF BARIATRIC SURGERY IN SUPER-SUPER OBESE PATIENTS** Jonathan E Tannebaum, MD, Abraham Krikhely, MD, Mujjahid Abbas, MD, Lindsay Cumella, BS, Prathiba Vemulapalli, MD, Jenny Choi, MD, Diego R Camacho, MD; Montefiore Medical Center
- P275 MORBID OBESITY MANAGEMENT INSIGHTS: PRE-OPERATIVE CLINICAL VARIABILITY BY INSURANCE CARRIER IN 8,966 SLEEVE GASTRECTOMY PATIENTS** Grace W Kao, DO, Gus J Slotman, MD; Departments of Medicine and Surgery, Inspira Health Network, Vineland, New Jersey
- P276 SAFETY OF LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING WITH CONCURRENT CHOLECYSTECTOMY FOR SYMPTOMATIC CHOLELITHIASIS** Nabeel R Obeid, MD, Heekoung Youn, MA, RN, Marina Kurian, MD, Christine Ren-Fielding, MD, George Fielding, MD, Bradley Schwack, MD; Department of Surgery, New York University Medical Center, New York, NY
- P277 THE EFFECT OF LAPAROSCOPIC SLEEVE GASTRECTOMY WITH CONCOMITANT HIATAL HERNIA REPAIR ON GASTROESOPHAGEAL REFLUX DISEASE IN THE MORBIDLY OBESE** Kamran Samakur, MD, MA, Travis J McKenzie, MD, Ali Tavakkoli, MD, Scott A Shikora, MD; Brigham and Women's Hospital, Harvard Medical School
- P278 NEURAL ACTIVATION IN RESPONSE TO FOOD CUES IN BARIATRIC SURGERY CANDIDATES** Haley L Yarosh, PhD, Beth M Anderson, PhD, Janet Ng, PhD, Kasey O'Neil, BS, Andrea M Stone, BS, Darren Tishler, MD, Pavlos Papasavas, MD, FACS, Godfrey D Pearson, MBBS, MD; Yale School of Medicine Department of Psychiatry, Olin Neuropsychiatric Research Center, Hartford Hospital Surgical Weight Loss Center
- P279 BARIATRIC SURGERY IN ADOLESCENTS, OUR EXPERIENCE** Mujjahid Abbas, MD, L Cumella, BS, J Choi, MD, P Vemulapalli, MD, E. Reynolds, MD, Diego R Camacho, MD; Montefiore Medical Center, Childrens Hospital at MMC
- P280 ROLE OF INTRAOPERATIVE IV FLUIDS ON HOSPITAL LENGTH OF STAY IN LAPAROSCOPIC BARIATRIC SURGERY: A RETROSPECTIVE STUDY IN 170 CONSECUTIVE PATIENTS** Vaughn E Nossaman, MS, William S Richardson, MD, James B Wooldridge, MD, Bobby D Nossaman, MD; Tulane University School of Medicine and Ochsner Medical Center
- P281 METHYLENE BLUE OR UPPER GI, WHICH IS MORE EFFECTIVE FOR DETECTING LEAK IN GASTRIC BYPASS PATIENTS?** Lars Nelson, MD, Rena C Moon, MD, Andre F Teixeira, MD, Muhammad A Jawad, MD, FACS; Orlando Regional Medical Center
- P282 POST-OPERATIVE INTRAVENOUS (IV) ACETAMINOPHEN REDUCES NARCOTIC REQUIREMENT AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS (LRYGB).** Shireesh Saurabh, MD, Jessica K Smith, MD, Paul Jose, Peter Nau, MD, Mark Pederson, Isaac Samuel, MD; University of Iowa Hospitals and Clinics
- P283 21ST CENTURY WEIGHT LOSS: BANDING VERSUS BYPASS** Stephen W Davies, MD, MPH, Christopher A Guidry, MD, MSc, Rachel I Penn, BA, Robert G Sawyer, MD, Bruce D Schirmer, MD, Peter T Hallowell, MD; University of Virginia School of Medicine

- P284 THE PROTOCOL OF A RANDOMIZED, DOUBLE-BLINDED, PLACEBO CONTROLLED TRIAL TO INVESTIGATE THE ROLE OF INTRA-PERITONEAL ROPIVACAINE IN GASTRIC BYPASS SURGERY** Robert Wu, Alexis Porte, Fatima Haggag, Isabelle Raiche, Husein Moloo, Jean Claude Gauthier, Amy Neville, Jean Denis Yelle, Joseph Mamazza; The Ottawa Hospital, University of Ottawa
- P285 SLEEVE GASTRECTOMY OR GASTRIC BYPASS AS PRIMARY BARIATRIC PROCEDURE: RETROSPECTIVE EVALUATION OF OUTCOMES.** Mousa Khoursheed, MD, FRCS, Ibtisam Al-Bader, MD, FRCS, Ali Mouzannar, BMBCh, Abdulla Al-Haddad, MD, FACS, Ali Sayed, MD, FRCS, Ali Mohammad, MD, FRCS, Abe Finferhut, MD, FACS; Department of surgery, faculty of medicine, Kuwait university
- P286 ACUTE APPENDICITIS IN THE SETTING OF LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING: A CASE REPORT AND LITERATURE REVIEW** Josue Chery, MD, Amy Maselli, MD, Krystyna Kabata, PA, Anthony Tortolani, MD, Piotr Gorecki, MD; New York Methodist Hospital
- P287 VALIDITY OF LAPAROSCOPIC SLEEVE GASTRECTOMY FOLLOWING GASTRIC BAND FAILURE: Mohammed Alkubaisi, MD, FICS, FIBMS, , DMAS, Abdulsalam Altaie, MD, FICS, FRCS; Altaie Center For Laparoscopic & Obesity Surgery, Dubai, UAE**
- P288 WHAT IS THE NORMAL DRAIN AMYLASE RANGE FOR LAPAROSCOPIC SLEEVE GASTRECTOMY?** Viet Phuong, MD, Timothy S Kuwada, MD, Ian Villanueva, MD, Keith Gersin, MD, Dimitrios Stefanidis, MD, PhD; Carolinas Healthcare System
- P289 GASTRIC BANDING VS. GASTRIC BYPASS: CLINICAL OUTCOMES AT 5+ YEARS FOLLOW UP** Rod McKinlay, MD, Steven Simper, MD, Sherman Smith, MD, Fielding Dunn, PA; St. Mark's Hospital
- P290 INSUFFICIENT WEIGHT LOSS AND WEIGHT REGAIN AFTER BARIATRIC OPERATION. DOES LAPAROSCOPIC BILIO-PANCREATIC DIVERSION WITH DUODENAL SWITCH STAND THE TEST OF TIME?** Iswanto Sucandy, MD, Andres Samayoa, MD, Fernando Bonanni, MD, FACS, Gintaras Antanavicius, MD, FACS; Abington Memorial Hospital, PA
- P291 OUTCOMES OF BARIATRIC SURGICAL INTERVENTIONS IN PATIENTS OLDER THAN 60** M. Abbas, MD, L. Cumella, BS, J. Choi, MD, P. Vemulapalli, MD, D. R Camacho, MD; Montefiore Medical center, Bronx, NY
- P292 DOES MAXIMUM PRE-OPERATIVE WEIGHT LOSS PREDICT WEIGHT LOSS SURGERY OUTCOMES?** Daniel B Jones, MD, MS, FACS, Caroline Park, MD, MPH, Benjamin E Schneider, MD, FACS, Hussna Wakily, MD; Beth Israel Deaconess Medical Center
- P293 IS HEPARIN PROPHYLAXIS WITH AGGRESSIVE AMBULATION ENOUGH TO PREVENT THROMBO-EMBOLIC COMPLICATIONS EVEN IN HIGHER RISK PATIENTS UNDERGOING BARIATRIC SURGERY?** Vikas Singhal, MD, Howard Darvin, FACS, Igal Breitman, FACS, Leena Khaitan, FACS; University Hospitals, Cleveland
- P294 RACIAL VARIATION IN THE DISTRIBUTION OF DEMOGRAPHICS, BODY MASS, AND WEIGHT-RELATED MEDICAL CO-MORBIDITIES AMONG THE MORBIDLY OBESE: ANALYSIS OF 5,389 BOLD DATABASE PATIENTS.** Ezekiel Adewale, DO, Gus J Slotman, MD; Departments of Medicine and Surgery, Inspira Health Network, Vineland, NJ
- P295 STUDY OF THE EFFECT OF LAPAROSCOPIC GASTRIC PPLICATION ON GHRELIN HORMONE IN MORBIDLY OBESE PATIENTS** Tamer N Abdelbaki, MD, MRCS, MSc, Wael N Abdelsalam, MD, Khaled M Katri, MD, Mohamed Sharaan, MD, Mohamed K El Saidy, MD, Tamer M Mohamed, MBChB, Elsaid Elkayal, MD; University of Alexandria Faculty of Medicine



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**P296 LAPAROSCOPIC ROUX EN Y GASTRIC BYPASS AS A REVISIONAL STRATEGY FOR LAGB FAILURE** Abdelrahman A Nimeri, MD, FACS, Mohamed B Al Hadad, MD, Maha Ibrahim, MD, Rana Kurdi, PhD, Cother Hajjat, MD, MPH; Division of general, thoracic and vascular surgery Sheikh Khalifa Medical City managed by Cleveland clinic

**P297 BARIATRIC SURGERY IMPROVES METABOLIC SYNDROME BY INCREASING HDL AND DECREASING TRIGLYCERIDES** Pratibha Vemulapalli, MD, Lindsay S Cumella, BS, Emmanuel Agaba, MD, Diego Camacho, MD, Jenny Choi, MD, Mujjahud Abbas, MD, Scott Chudnoff, MD; Albert Einstein College of Medicine, Montefiore Medical Center

**P298 RETROSPECTIVE STUDY OF THE AIRSEALTM SYSTEM FOR LAPAROSCOPIC BARIATRIC SURGERY** James A Rydlewicz, MD, Andrew J Suzo, BS, Dean J Mikami, MD, Bradley J Needleman, MD; The Ohio State University Wexner Medical Center

**P299 LAPAROSCOPIC GASTRIC RESTRICTIVE PROCEDURES IN THE SUPER SUPER OBESE (BMI > 60 KG/M2) WITHOUT THE USE OF PROPHYLACTIC INFERIOR VENA CAVA FILTERS: OUR EXPERIENCE AT A BARIATRIC CENTER OF EXCELLENCE** Salvatore Docimo, Jr., DO, Laura Crankshaw, BS, George Ferzli, MD; Lutheran Medical Center, Brooklyn, NY

**P300 SLEEVE GASTRECTOMY AND GASTROESOPHAGEAL REFLUX DISEASE DISEASE: SYSTEMATIC REVIEW AND META-ANALYSIS** C M Hoogerboord, BSc, MD, FRCSC, J B Enright, BSc, MD, FRCSC, J C Ellsmere, BSc, MSc, MD, FRCSC, FACS; QEII Health Sciences Centre, Dalhousie University, Halifax, Canada

**P301 DOES HELICOBACTER PYLORI INCREASE THE RISK OF ADVERSE OUTCOME AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY** Ameer Gomberawalla, MD, Amy Thomas, RN, Insiyah Nomanbhoy, MS, Rami Lutfi, MD, FACS; Chicago Institute of Advanced Bariatrics

**P302 SHORT-TERM MORBIDITY OF 1,597 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASSES: A SINGLE INSTITUTION EXPERIENCE** James G Bittner IV, MD, Gretchen Aquilina, DO, Luke Wolfe, MS, Jill Meador, RN, James W Maher, MD, John M Kellum, MD; Virginia Commonwealth University School of Medicine

**P303 TO OPEN OR NOT TO OPEN: OPERATIVE CHOICES FOR APPROACH TO GASTRIC POUCH REVISION** Katherine Manupipatpong, BS, David May, DO, Anthony Petrick, MD, Jon Gabrielsen, MD, William Strodel, MD, Anna Ibele, MD; Geisinger Medical Center, Danville PA

**P304 REPAIR OF LARGE PARAESOPHAGEAL HERNIAS WITH COMBINED PARTIAL LONGITUDINAL GASTRECTOMY IN OBESE AND MORBIDLY OBESE PATIENTS: INTERMEDIATE FOLLOW-UP** Matthew J Davis, MD, John Rodriguez, MD, Andrea Zelisko, MD, Stacy Brethauer, MD, Bipan Chand, MD, Philip Schauer, MD, Kevin El-Hayek, MD, Matthew Kroh, MD; Cleveland Clinic Foundation

**P305 THE COVIDIEN TRISTAPLE SYSTEM VS. THE DUET TISSUE BUTTRESS IN LAPAROSCOPIC SLEEVE GASTRECTOMY: A COMPARATIVE STUDY** Mark A Dykstra, Noah J Switzer, Caroline E Sheppard, Kevin A Whitlock, Richdeep S Gill, Xinzhe Shi, Daniel Birch, Shahzeer Karmali; Department of Surgery, University of Alberta, Edmonton, Alberta; Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandria Hospital, Edmonton, Alberta; Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Alberta.

**P306 REVISIONAL SURGERY IN BARIATRICS: A SURGICAL DILEMMA** Alejandro Rodriguez-Garcia, MD, Mario Rodarte-Shade, MD, Rene Palomo-Hoill, MD, Roberto Rumbaut, MD; School of Medicine and Health Sciences at Tec de Monterrey

**P307 GASTRIC BAND: STILL AN EFFECTIVE AND SAFE PROCEDURE? ANALYSIS OF FAILURES AND REVISIONAL SURGERY IN A SERIES OF 111 CONSECUTIVE PATIENTS.** Antonio D'Urso, MD, Silvana Perretta, MD, Michel Vix, MD, Ludovic Marx, MD, Bernard Dallemagne, MD, Jacques Marescaux, MD, Didier Mutter, MD; IRCAD-NHC-IHU Department of Digestive and Endocrine Surgery, University of Strasbourg France

**P308 BARIATRIC SURGERY IMPROVES SEXUAL FUNCTION IN OBESE PATIENTS** David Goitein, MD, Alex Zendel, MD, Lior Segev, MD, Rostislav Sourinovich, MD, Dov (Douglas) Zippel, MD; Surgery C Department, Chaim Sheba Medical Center, Tel Hashomer, Israel

**P309 BAND OVER SLEEVE: A SAFE ALTERNATIVE TO ACHIEVE FURTHER WEIGHT LOSS AND REDUCTION OF CO-MORBIDITIES** Amy Banks, MD, R Harrell, MD, J Foote, MD; Grand Rapids Medical Education Partners, Michigan State University and Grand Health Partners

**P310 COMPARE OF DIABETIC REMISSION RATE AFTER 3 MONTHS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY VS ROUX-EN-Y GASTRIC BYPASS : SINGLE INSTITUTE IN THAILAND** Ajjana Techagumpuch, Dr, Pakkavuth Chanswangphuvana, Dr, Soravith Vijitpornkul, Dr, Chadin Tharavej, Dr, Suppa-ut Pungpaopong, Dr, Patpong Navicharn, Dr, Suthep Udomsawaengsup, Dr; Department of Surgery, Chulalongkorn University, Bangkok, Thailand

**P311 ASSESSMENT OF THE QUALITY OF INTERNET INFORMATION ON SLEEVE GASTRECTOMY** Ricard Corcelles, MD, PhD, Hector Romero Talamas, MD, Christopher Daigle, MD, Philip Schauer, MD, PhD, Stacy Brethauer, MD, PhD; CLEVELAND CLINIC FOUNDATION (CLEVELAND, OH)

**P312 SMALL BOWEL OBSTRUCTION AFTER LAPAROSCOPIC GASTRIC BYPASS AND ITS SURGICAL MANAGEMENT: EXPERIENCE IN 10 YEARS.** Maria D Reyes-salas, MD, Santiago Sherwell, MD, Roberto Rumbaut, MD, Paola Ripa-galvan, MD; HOSPITAL SAN JOSE - TECNOLÓGICO DE MONTERREY

**P313 CT VOLUMETRY FOR FOLLOW UP OF SLEEVE GASTRECTOMY AND RELATION TO WEIGHT LOSS** Mohamed Sarhan, MRCS, MD, Mohamed Elmasry, MD, Mohamed Ghobashy, MSc, Omar A Hamada, Mostafa Elshazly, MD, Fahim Elbassiony, MD; General Surgery Department, Cairo University Hospital

**P314 AN ALTERED GHRELIN RESPONSE IS ACCOUNTABLE FOR REDUCED CALORIC INTAKE AFTER ENDOSCOPIC PPLICATION OF THE STOMACH** G F Paulus, MD, M van Avesaat, MD, J M Conchillo, MD, PhD, A A Masclee, MD, PhD, N D Bouvy, MD, PhD; Maastricht University Medical Center

**P315 INTRAVENOUS ACETAMINOPHEN DOES NOT REDUCE PERI-OPERATIVE ACUTE PAIN OR NARCOTIC USE IN BARIATRIC SURGERY PATIENTS** Amy L Rosenbluth, BS, Morgan A Bresnick, MD, Renee Tholey, MD, Kathleen Lamb, MD, Michael R Kammerer, MD, Alec C Beekley, MD, David S Tichansky, MD; Thomas Jefferson University

**P316 ANTHROPOMETRIC CHANGES MAY PREDICT DIABETIC RESPONSE AFTER BARIATRIC SURGERY** Pornthep Prathanvanich, MD, Sharfi Sarker, MD, P Marco Fisichella, MD, Bipan Chand, MD; Loyola University Chicago Stritch School of Medicine

**P317 OMENTOPEXY (OP) IN VERTICAL SLEEVE GASTRECTOMY (VSG) MIGHT BE ASSOCIATED WITH REDUCED SHORT AND LONG TERM MORBIDITY.** Alain Abdo, MD, Andrew Averbach, MD, FACS; Saint Agnes Hospital





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### P318 ROUTINE PREOPERATIVE

#### ESOPHAGOGASTRODUODENOSCOPY IN PATIENTS UNDERGOING BARIATRIC SURGERY Umer I Chaudhry,

MD, Dean J Mikami, MD, Bradley J Needleman, MD, W. Scott Melvin, MD, Sabrena F Noria, MD; THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

### P319 SAFETY AND EFFECTIVENESS OF BARIATRIC SURGERY IN DIALYSIS PATIENTS Mohammad Jamal, MD, MEd, FRCSC,

Christopher R Daigle, MD, Stacy Brethauer, MD, FACS, Mathew Kroh, MD, FACS, Philip Schauer, MD, FACS; Cleveland Clinic

### P320 LAPAROSCOPIC SLEEVE GASTRECTOMY OUTCOMES (LSG): EXPERIENCE FROM KUWAIT Salman Al Sabah, MD,

MBA, FRCSC, Ahmed Al-Mulla, MD, FACS, Sulaiman Almazeedi, MD, Talib Jumaa, MD, FACS, Khaled Al-Enezi, MD, FRCSC, Waleed Bastaki, MD, FACS; Amiri Hospital, Kuwait

### P321 PREGNANCY AND THE BARIATRIC PATIENT Maria

Altieri, MD, Dana Telem, MD, Gerald Gracia, MD, Aurora Pryor, MD; SUNY Stony Brook

### P322 PREVALENCE OF UPPER GASTROINTESTINAL GROSS AND MICROSCOPIC PATHOLOGY IN PATIENTS WITH MORBID OBESITY Adrian Dan, MD, Rathna Shenoy, MD,

Jesse Clanton, MD, Michael Subichin, MD, Ashley Bohon, Marta Makusewski, Mark Pozsgay, MD, S M Thompson, MD, Arjun Venkataramani, MD, Corey Sievers, MD, John Zografakis, MD; Summa Health System

### P323 SPIDER SLEEVE - INITIAL EXPERIENCE Patrick Noel, MD,

Marius Nedelcu, MD; Casamance Private Hospital

### P324 SINGLE-INCISION SLEEVE GASTRECTOMY VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY: A CASE-CONTROL STUDY Elie K Chouillard, MD, PhD,

Ronald Daher, MD, Georges Khoury, MD, Elias Chahine, MD, Nelson Trelles, MD; Division of Bariatric Surgery, Department of General Surgery, Poissy Saint Germain Medical Center

### P325 SINGLE-SITE LAPAROSCOPIC GASTRIC BAND VERSUS MULTIPORT LAPAROSCOPIC GASTRIC BAND: A MATCHED RETROSPECTIVE STUDY Anthony M Gonzalez, MD, FACS,

FASMBS, Jorge R Rabaza, MD, FACS, FASMBS, Rey J Romero, MD, Pedro E Garcia Quintero, MD, Christian Hernandez Mucia, MD; Baptist Health South Florida

### P326 IS BARIATRIC SURGERY SAFE IN PATIENTS WITH CIRRHOSIS? AN ANALYSIS OF SHORT-TERM OUTCOMES Andrew Smith,

Ahmad Elnahas, Allan Okrainec, Faye Quereshey, Timothy Jackson; Division of General Surgery, University Health Network, University of Toronto, Toronto ON

### P327 DEFINING THE LEARNING CURVE: EARLY EXPERIENCE OF LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS FROM A BARIATRIC CENTRE OF EXCELLENCE Andrew Smith,

Ahmad Elnahas, Timothy Jackson, Faye Quereshey, Todd Penner, David Urbach, Allan Okrainec; Division of General Surgery, University Health Network, University of Toronto, Toronto, ON

### P328 LAPAROSCOPIC GASTROJEJUNAL REVISION WITH SELECTIVE GASTRECTOMY FOR INTRACTABLE MARGINAL ULCERS FOLLOWING GASTRIC BYPASS Andrejs Rudovics,

MD, Dennis Hong, MD, S Gmora, MD, M Anvari, MB, BS; McMaster University, St. Joseph's Healthcare Hamilton

### P329 OUTCOME OF BARIATRIC SURGERY IN THAILAND : LAPAROSCOPIC SLEEVE GASTRECTOMY VS LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Pakkavuth

Chanswangphuvana, MD, Soravith Vijitpornkul, MD, Ajjana Techagumpuch, MD, Suppa-ut Pungpapong, MD, Chadin Tharavej, MD, Patpong Navicharern, MD, Suthep Udomsawaengsup, MD; Department of Surgery, Faculty of Medicine, King Chulalongkorn Memorial University Hospital, Bangkok, Thailand

### P330 IMPACT OF THE TREATMENT WITH INTRAGASTRIC BALLOON IN ABDOMINAL FAT COMPARTMENTS-VISCERAL FAT AND SUBCUTANEOUS CELLULAR TISSUE. Diego Laurentino Lima, MD,

Luana C Cabral, MD, Juscielle S Barros, Rayssa A B de Melo, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

### P331 LAPAROSCOPIC NISSEN FUNDOPLICATION WITH A LAP BAND PLACEMENT: TWO PROCEDURES IN A UNIQUE SURGEY FOR TREATMENT FOR OBESITY AND SEVERE REFLUX DISEASE Gildo O Passos Jr, MD,

Diego Laurentino Lima, MD, Yukie C Konishi, Juscielle S Barros, Ingrid L V. Rodrigues, G L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

### P332 CONVERSION TO GASTRIC BYPASS IS TECHNICALLY FEASIBLE AFTER ENDOSCOPIC GASTROPLASTY Bijan Abar,

Maxwell Feinberg, Ryota Tanaka, MD, PhD, Michael B Ujiki, MD, FACS; NorthShore University HealthSystem

### P333 SLEEVE GASTRECTOMY IN PATIENTS WITH BMI BETWEEN 30 AND 35 Marcos Berry, MD,

Patricio Lamoza, MD, Lionel Urrutia, MD, Eduardo Luna, MD, Macarena Haddad, MD; Clinica Las Condes

### P334 PORTAL-MESENTERIC THROMBOSIS FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY A RARE BUT POTENTIALLY SERIOUS COMPLICATION Marcos Berry, MD,

Patricio Lamoza, MD, Lionel Urrutia, MD, Alvaro Bustos, MD, Marco Schulz, MD, Eduardo Luna, MD, Macarena Haddad, MD; Clinica Las Condes

### P335 BARIATRIC SURGERY REVISIONS AFTER UNSUCCESSFUL WEIGHT LOSS: OUTCOMES AND COMPLICATIONS Abhishek Srivastava, MD,

Stelin Johnson, PA, Jenny J Choi, MD, Diego R Camacho, MD, Pratibha Vemulapalli, MD; Department of Surgery, Montefiore Medical Center, Albert Einstein Medical College, Bronx, NY

### P336 PRELIMINARY FEASIBILITY OF AN INTERDISCIPLINARY STUDY IDENTIFYING PREDICTORS OF SUCCESS IN BARIATRIC SURGERY: NEUROIMAGING MEETS SURGICAL WEIGHT LOSS Kasey O'Neil, BS,

Janet Ng, PhD, Darren Tishler, MD, Pavlos Papasavas, MD, Beth Anderson, PhD, Hedy Kober, PhD, Haley Yarosh, PhD, Rebecca Boswell, BA, Andrea Stone, BA, Glenn Treisman, MD, Godfrey Pearlson, MD, PhD; Olin Neuropsychiatry Research Center, Hartford Hospital Surgical Weight Loss Center, Yale University, John Hopkins University

### P337 INSURANCE MANDATED PREOPERATIVE MEDICAL VISITS DO NOT CORRELATE WITH BARIATRIC SURGICAL OUTCOMES Pornthep Prathanvanich, MD,

Katherine Bohnstedt, APN, P Marco Fisichella, MD, Sharif Sarker, MD, Bipan Chand, MD; Loyola University Chicago Stritch School of Medicine

### P338 SAFETY AND EFFICACY OF OUTPATIENT PLEATED LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING Mark A Fusco, MD;

HEALTH FIRST LIFESHAPE WEIGHT LOSS PROGRAM

### P339 A PROSPECTIVE CONTROLLED STUDY OF GASTRIC BYPASS SURGERY FOR THE TYPE 2 DIABETES PATIENTS WITH OR WITHOUT OBESITY Ke Gong, MD,

Nengwei Zhang, MD, Dexiao Du, MD, Bin Zhu, MD, Dongbo Lian, MD, Zhen Zhang, MD; Shijitan Hospital, Capital Medical University, Beijing, China

### P340 LAPAROSCOPIC MANAGEMENT OF ABDOMINAL ABSCESS ASSOCIATED TO GASTRIC BAND Veronica V

Hernandez-Najera, MD, Lucas O Tijerina-Gomez, MD, Eduardo A Flores-Villalba, MD, Adali Barragan-Farias; Hospital San José Tec de Monterrey, Tec Salud.

### P341 GENDER-SPECIFIC OUTCOMES AFTER LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING Vadim Avulov, DO,

David Brams, MD, FACS, Pamela J O'Brien, RN, MSN, NPC, Sara Tortorici, RN, MSN, NPC, Dmitry Nepomnayshy, MD, FACS; Lahey Clinic

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**P342 TYPE 2 DIABETES REMISSION IN OBESE PATIENTS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY** Federico Moser, MD, German Viscido, MD, Alvaro Alcaraz, MD, Veronica Gorodner, MD, Lucio Obeide, MD; Hospital Privado de Cordoba

**P343 RELATIONSHIP BETWEEN SMOKING AND WEIGHT LOSS AFTER BARIATRIC SURGERY** Federico Moser, MD, Pablo Maldonado, MD, P Saleg, MD, F Signorini, MD, Veronica Gorodner, MD, Lucio Obeide, MD; Hospital Privado de Cordoba

**P344 RANDOMIZED TRIAL OF OFIRMEV VERSUS PLACEBO AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY** Matthew A Strode, DO, William Sherman, MD, Chris Bland, PharmD, Preston Sparks, DO, Byron Faler, MD, Yong Choi, MD; Eisenhower Army Medical Center

**P345 OBESITY AND GASTROESOPHAGEAL REFLUX DISEASE: PREOPERATIVE EVALUATION OF THE ESOPHAGEAL FUNCTION** Rudolf Buxhoeveden, MD, Veronica Gorodner, MD, Gaston Clemente, MD, Laura Sole, MD, Luis Caro, MD, Alejandro Grigaites, MD; Programa de Unidades Bariatricas

**P346 COMPARISON OF TISSEEL® AND SEAMGURAD® APPLICATION IN LAPAROSCOPIC SLEEVE GASTRECTOMY** M. Mahir Ozmen, MD, PhD, FACS, FRCS, Sibel Gelecek, MD, Tevfik T Sahin, MD, PhD, Ismail Bilgic, MD, Emre Gundogdu, MD, Emir Guldogan, MD, Muevver Moran, MD; Hacettepe University, Medical School, Department of Surgery and Ankara Numune Hospital, Department of Surgery

**P347 SPLENIC ABSCESS AFTER SLEEVE GASTRECTOMY** Vadim Avulov, DO, Daniel P McQuillen, MD, FIDSA, FACP, Masako Mizusawa, MD, David Brams, MD, FACS; Lahey Clinic

**P348 LAPAROSCOPIC SLEEVE GASTRECTOMY IS AN EFFECTIVE TREATMENT FOR GERD SYMPTOMS** William J. Haberman, MD, Dimitrios Stefanidis, MD, PhD, Amanda L Walters, MS, Keith Gersin, MD, Timothy Kuwada, MD; Section of Bariatric Surgery, Division of Gastrointestinal and Minimally Invasive Surgery, Department of Surgery, Carolinas Medical Center, Charlotte North Carolina

**P349 ENDOSCOPY-ASSISTED LAPAROSCOPIC REMOVAL OF PROSTHETIC DEVICES IN PATIENT WITH ROUX-EN-Y GASTRIC BYPASS: CASE REPORT** Victor Avalos, MD, R Rumbaut, MD, H Guajardo, MD, Augusto Palomo, MD, Z DEL Real, Guillermo PERalta; Hospital San Jose Tecnológico de Monterrey

**P350 ROLE OF LAPAROSCOPY IN BLUNT ABDOMINAL TRAUMA** Tamer Nabil, Wael Aziz, Salah Saeed; cairo university ,medical school

**P351 RIGHT LOWER QUADRANT PAIN: PLATELET COUNT AN INDICATOR FOR LAPAROSCOPIC APPENDECTOMY?** Christina A Del Pin, MD, FACS, Richard S Feinn, PhD, John Train, MD; Quinnipiac University/Frank H. Netter MD SOM

**P352 ERGONOMIC ASSESSMENT OF THE FRENCH AND AMERICAN POSITION FOR LAPAROSCOPIC CHOLECYSTECTOMY** Kelvin Kramp, BSc, J.p.e.n. Pierie, Prof, MD, PhD, Marc van Det, MD, PhD, Christiaan Hoff, MD, Eric Totte, MD, PhD; Department of Surgery, Leeuwarden Medical Center, The Netherlands and Post Graduate School of Medicine, University Medical Center Groningen, The Netherlands

**P353 LAPAROSCOPIC RECTOPEXY; IS IT USEFUL FOR PERSISTENT RECTAL PROLAPSE IN CHILDREN?** Medhat I Elsayed, MD, Ahmed M Abdelkader, MRCS; Royal Commission Medical Centre ,Yanbu, KSA

**P354 LAPAROSCOPIC REMOVAL OF A RETROPERITONEAL TERATOMA PRESENTING AS EPIGASTRIC PAIN** Jonah J. Stulberg, MD, PhD, MPH, Robert Parry, MD, Todd A Ponsky, MD, Mark O McCollum, MD; 1. University Hospitals, Case Medical Center, Department of Surgery, 11100 Euclid Avenue, Cleveland, OH 44106. 2. MetroHealth Medical Center, Division of Pediatric Surgery, 2500 MetroHealth Drive, Cleveland, OH 44109

**P355 SUCCESSFUL LAPAROSCOPIC MANAGEMENT OF GASTRIC PERFORATION DUE TO GRILL BRUSH WIRE BRISTLE** Anish Nihalani, MD, Michael Cudworth, MD; JFK Medical Center, Saint Peter's University Hospital

**P356 HIGH DOSE OPIOID ANALGESIA USE PRIOR TO LAPAROSCOPIC GASTRIC STIMULATOR PLACEMENT REDUCES LIKELIHOOD OF CLINICAL SUCCESS** Mena Boules, MD, Hideharu Shimizu, MD, Andrea Zelisko, MD, Kevin El-Hayek, MD, Maged K Rizk, MD, Matthew Kroh, MD; Cleveland Clinic Foundation

**P357 LAPAROSCOPIC APPROACH TO REPAIR A TYPE II ENDOLEAK FROM THE MEDIAN SACRAL VESSEL** Diana Losada, MD, FRCSC, François Julien, MD, FRCSC, Joseph Mamazza, MDCM, FRCSC, Jean Denis Yelle, MD, FRCSC, FACS; Minimally Invasive Surgery, Division of General Surgery, The Ottawa Hospital, University of Ottawa

**P358 INFLAMMATION AND COAGULATION INTERACTION AFTER OPEN AND LAPAROSCOPIC LEFT PARTIAL HEPATECTOMY IN A PORCINE EXPERIMENTAL MODEL** Konstantinos S Mammias, MD, MSc, PhD, George Kottis, MD, PhD, Chrysoula Nikolaou, MD, PhD, Georgia Kostopanagiotou, MD, PhD, Nikolaos Kavantzias, MD, PhD, Nikolaos Arkadopoulos, MD, PhD, Vasileios Smyrniotis, MD, PhD; 1: National and Kapodistrian University of Athens, Aretaieion University Hospital, Surgical Laboratory C. Tountas.

**P359 CONVERSIONS DURING LAPAROSCOPIC SURGERY: A QUESTIONNAIRE BASED REVIEW ACCORDING NEW CONVERSION CATEGORIES IN HUNGARY** Istvan Gal, PhD, Zoltan Szabo, PhD, Miklos Czobel, MD, Gyorgy Weber, PhD; Robert Karoly Privat Hospital, Budapest Hungary, M.O.E.T. institute, San Francisco, CA, USA., Department of Surgical Research and Technique Semmelweis Medical School of Budapest, Hungary

**P360 SILS USING CONVENTIONAL LAPAROSCOPIC INSTRUMENTS, ANALYSIS OF 50 CASES IN A DEVELOPING COUNTRY.** Fernando Perez-Galaz, MD, MariMar Alvarez, MD, Guillermo Rea, MD, Rocio Rius, MD; Hospital San Angel Inn Chapultepec, Hospital Angeles Lomas. Mexico

**P361 STUDY ON SINGLE INCISION LAPAROSCOPIC APPENDECTOMY WITH A FOCUS ON THE FRONTAL VIEW OF THE "INVERTED CHECK MARK AND FLAP"** Hideaki Tsutsumida, PhD, Mitsunobu Uto, MD, Mari Kamimura, MD, Toshiro Kamimura, MD; Keiikai Kamimura Hospital

**P362 LEARNING CURVE IN SINGLE PORT ENDOSCOPIC SURGERY** Sujith I Wijerathne, MBBS, MRCS, Dino A Liem, MD, Shaik A Buhari, FRCS, Narendra Agarwal, MBBS, MS, Chiara Montana, MD, Davide Lomanto, MD, PhD, FAMS; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore

**P363 SHORT TERM OUTCOMES OF THORACOSCOPIC ESOPHAGECTOMY IN PRONE POSITION FOR ESOPHAGEAL CANCER** Hirokyu Kitagawa, MD, PhD, Tsutomu Namikawa, MD, PhD, Sunao Uemura, MD, Masaya Munekage, MD, Toyokazu Akimori, MD, PhD, Michiya Kobayashi\*, MD, PhD, Kazuhiro Hanazaki, MD, PhD; Department of Surgery, Kochi Medical School; \*Department of Human Health and Sciences, Kochi Medical School

**P364 SINGLE INCISION VERSUS TRADITIONAL LAPAROSCOPIC RESECTION IN GASTRIC GIST: A RETROSPECTIVE COHORT ANALYSIS OF 39 CASES AT A SINGLE TERTIARY CARE CENTER** Kong Jing, MD, Wu Shuodong, MD, Su Yang, MD, Fan Ying, MD; China Medical University Shengjing Hospital



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**P365 A NOVEL METHOD OF LAPAROSCOPIC PORT SITE CLOSURE TO SIGNIFICANTLY DECREASE POSTOPERATIVE SURGICAL SITE PAIN** Aram E Jawed, MD, Alexander D Abkin, MD, FACS, Eric A Abkin, Zoltan H Nemeth, MD, PhD; Morristown Medical Center, Department of Surgery

**P366 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC LIVER RESECTION IN THE TREATMENT OF FOCAL LESIONS: INITIAL EXPERIENCE** Yu Xiaopeng, MD, Wu Shuodong; DEPARTMENT OF MINIMALLY INVASIVE SURGERY, SHENGJING HOSPITAL, CHINA MEDICAL UNIVERSITY,

**P367 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC SUBTOTAL GASTRIC RESECTION FOR BENIGN GASTRODUODENAL ULCER** Yongsheng Chen, Shuodong Wu; Biliary & Vascular Unit, Department of General Surgery, Shengjing Hospital of China Medical University

**P368 LAPAROSCOPIC LUMBAR ARTERY LIGATION FOR THE TREATMENT OF TYPE II ENDOLEAK AFTER ENDOVASCULAR ANEURYSM REPAIR (EVAR)** Saseem Poudel, MD, Dai Miyazaki, MD, Yuma Ebihara, MD, PhD, Suguru Kubota, MD, PhD, Yo Kurashima, MD, PhD, Satoshi Hirano, MD, PhD, Yoshihiro Matsui, MD, PhD; Department of Gastroenterological Surgery II, Department of Cardiovascular and Thoracic surgery, Hokkaido University

**P369 SINGLE-PORT ACCESS TRANSGASTRIC TECHNIQUE FOR A GASTRIC GIST** Martín Gascón, MD, Jesús Garijo, MD, César G Llorente, MD, Alberto Pueyo, MD, Matías Cea, MD; Hospital de Torrejón de Ardoz, Madrid, Spain

**P370 THE SURGICAL MANAGEMENT OF GALLSTONE ILEUS IN THE ERA OF LAPAROSCOPY** Alejandro Rodriguez-Garcia, MD, Felice Ferri, MD, Cristopher Salzman, MD, Morris E Franklin, MD, FACS; Texas Endosurgery Institute, Tec de Monterrey

**P371 A PROSPECTIVE TRIAL EVALUATING THE CLINICAL PERFORMANCE OF A NOVEL SURGICAL ENERGY DEVICE IN COLORECTAL SURGERY** J W Milsom, MD, K Trencheva, MS, T Sonoda, MD, G Nandakumar, MD, P Shukla, MD, S K Sharma, MD, S W Lee, MD; Weill Cornell Medical College

**P372 MULTIPLE SMALL BOWEL CARCINOID TUMORS AS A CAUSE OF OBSCURE GASTROINTESTINAL BLEEDING** Alejandro Rodriguez-Garcia, MD, Roman Gonzalez-Ruvalcaba, MD, Eduardo A Flores-Villalba, MD, Rene Palomo-Hoil, MD; Tec de Monterrey

**P373 SINGLE-INCISION LAPAROSCOPIC CHOLECYSTOJEJUNOSTOMY WITH ILEUM INTERPOSITION FOR MALIGNANT BILIARY OBSTRUCTION** Shuodong Wu, Hong Yu, Yu Tian, Yongnan Li, Min Li; Shengjing Hospital of China Medical University

**P374 LAPAROSCOPY IN THE DEVELOPING WORLD: PERCEPTIONS OF PATIENTS AT KOMFO ANOKYE TEACHING HOSPITAL, GHANA ABOUT LAPAROSCOPY** Setri Fugar, Adam Gyedu; Dept. of Surgery, Kwame Nkrumah University of Science and Technology; Directorate of Surgery, Komfo Anokye Teaching Hospital

**P375 SINGLE INCISION LAPAROSCOPIC SURGERY FOR THE DIFFICULT CHOLECYSTECTOMY** Hiroataka Sasada, MD, Fuminori Wakayama, MD, Kohji Nagao, MD, Tadashi Iwabuchi, MD, Nobuo Yagihashi, MD, Shunnichi Takaya, MD; Seihoku Central Hospital

**P376 SINGLE-INCISION VERSUS STANDARD 4-PORT LAPAROSCOPIC CHOLECYSTECTOMY: A SINGLE INSTITUTE RETROSPECTIVE STUDY** Noriaki Kameyama, PhD, Ryohei Miyata, PhD, Masato Tomita, MD, Hiroaki Mitsuhashi, MD, Shigeaki Baba, PhD; International Goodwill Hospital

**P377 IS SINGLE-PORT ACCESS SURGERY A VIABLE APPROACH FOR VENTRAL HERNIA REPAIR? COMPARISON WITH SINGLE INCISION MULTI-PORT SURGERY** Martin Gascón, MD, Jesús Garijo, MD; Hospital de Torrejón, Madrid, Spain

**P378 THE RISE AND FALL OF SINGLE INCISION SURGERY AT COMMUNITY HOSPITAL TEACHING PROGRAM** W. Borden Hooks III, MD, Khoi Le, MD, Thomas V Clancy, MD, William W Hope, MD; New Hanover Regional Medical Center

**P379 LAPAROSCOPIC EVALUATION FOR POST-OPERATIVE ABDOMINAL PAIN** Maliheh Khosravi, MD; Imam Reza hospital

**P380 SINGLE-PORT ACCESS CHOLECYSTECTOMY. A COMPARATIVE STUDY OF 150 PATIENTS WITH THE GOLD STANDARD** Jesús Garijo, MD, Martin Gascón, MD; Hospital de Torrejón, Madrid, Spain

**P381 EQUIPMENT VARIATION IN LAPAROSCOPIC CHOLECYSTECTOMY** Ayman E Ahmed, MBBS, Sayeed Ikramuddin, MD, Susan M Walters, RN, H. Tracy Davido, MD; University of Minnesota

**P382 LAPAROSCOPIC VERSUS OPEN APPENDECTOMY FOR COMPLICATED APPENDICITIS: TERTIARY CARE EXPERIENCE** Ravinder Pal Singh Babra, MS, FMAS, Jaspal Singh Selhi, MSDNB, Atul Mishra, MS, Ashish Ahuja, MS, Ashwind Bawa, MS; Dayanand Medical College & Hospital Ludhiana Punjab India

**P383 LAPAROSCOPIC MANAGEMENT OF COMPLICATED APPENDICITIS.** Wael N Abdelsalam, MD, Khaled M Katri, MD, Galal M Abouelnagah, MD, Mohamed K Elsaidy, MD, Aly Atteya, MD, Elsaid Elkayal, MD, Mustafa Gamal, MRCS, Mohamed Sharaan, MD, Tamer N Abdelbaki, MD; University of Alexandria Faculty of Medicine

**P384 Withdrawn**

**P385 COST ANALYSIS OF LAPAROSCOPIC SPLENECTOMY FOR LIVER CIRRHOTIC PATIENTS WITH MASSIVE SPLENOMEGALY BASED ON THE LEARNING CURVE** Mingjun Wang, PhD, Jin Zhou, PhD, Zhong Wu, PhD, Xin Wang, PhD, Bing Peng, PhD; Department of Hepatopancreatobiliary Surgery, West China Hospital, No. 37, Guoxue Alley, Chengdu, Sichuan, 610041, China

**P386 AN ELEGANT OPERATIVE APPROACH TO GASTRIC OUTLET OBSTRUCTION FOLLOWING VERTICAL BANDED GASTROPLASTY** S M Streit, MD, Rana Pullatt, MD, MS, MRCS, FACS, Mark A Lockett, MD, Thomas C Eustis, MD; Medical University of South Carolina

**P387 SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY** Nihat Yavuz, MD, Serkan Teksoz, MD, Engin Hatipoglu, MD, Sabri Erguney, MD, Osman Tortum, MD, Tuna Yildirim, MD, Sirri Ozkan, MD; Istanbul University, Cerrahpasa Medical School, General Surgery Department

**P388 Withdrawn**

**P389 SINGLE PORT HAND - ASSISTED LAPAROSCOPY USING A RIGID RECTOSIGMOIDOSCOPE, A LIGHT SOURCE AND MANUAL INSUFFLATORS IN LOW INCOME SETTINGS** Abdulkadir Yakubu, MD, MSc, PhD, Musa Ibrahim, MD, MScPhD; Department of Surgery, Kazaure General Hospital, Jigawa state, Nigeria. Paediatric Surgical Unit, Murtala Muhammad specialist Hospital, Kano State, Nigeria

**P390 LAPAROSCOPIC RESECTION OF RETROPERITONEAL SCHWANNOMA : SUMMARY OF DIAGNOSIS, SURGICAL AND PATHOLOGIC OUTCOMES** Myung Jae Jung, Dr, Ho kyoungh Hwang, Dr, Chang Moo Kang, Dr, Woo Jung Lee, Pf; Yonsei University Severance Hospital



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## P391 LAPAROSCOPIC ONE-HANDED KNOT TYING

**TECHNIQUE OF THE APPENDICULAR STUMP** D Gómez, MD, F Arias, MD, G Herrera, MD, A Quintero, MD, N Cortes, MD, G García, MD, L Rojas, MD, C Rodríguez, MD; Fundación Hospital San Carlos

## P392 HOME-MADE AFFORDABLE SURGICAL DEVICE FOR SINGLE ACCESS LAPAROSCOPIC SURGERY

D Gómez, MD, F Arias, MD, G Herrera, MD, A Quintero, MD, N Cortes, MD, G García, MD, L Rojas, MD, C Rodríguez, MD; Fundación Hospital San Carlos

## P393 THE STOMACH TRIAL: SURGICAL TECHNIQUE, OPEN VERSUS MINIMALLY INVASIVE GASTRECTOMY AFTER CHEMOTHERAPY

Jennifer Straatman, MD, M.a. Cuesta, MD, PhD, S.s. Gisbertz, MD, PhD, D.I. van der Peet, MD, PhD; VU Medical Centre, Amsterdam

## P394 PURE SINGLE-INCISION LAPAROSCOPIC D2 LYMPHADENECTOMY FOR GASTRIC CANCER: NOVEL APPROACH TO T1P LYMPH NODE DISSECTION (MID-PANCREAS MOBILIZATION)

Sang-Hoon Ahn, MD, Sang-Yong Son, MD, Do Hyun Jung, MD, Do Joong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital

## P395 SUNNARY OF LAPAROSCOPIC FENESTRATION FOR SYMPTOMATIC LYMPHOCELE AFTER KIDNEY TRANSPLANTATION

N Akutsu, MD, M Maruyama, MD, K Saigo, MD, M Hasegawa, MD, K Otsuki, MD, H Aoyama, MD, I Matsumoto, MD, H Noguchi, MD, T Asano, MD; Department of Surgery, Chiba-East National Hospital

## P396 ULTRASONOGRAPHIC EVALUATION OF OPTIC NEVE SHEATH DIAMETER DURING LAPAROSCOPIC INDUCED PNEUMOPERITONEUM AS AN INDIRECT MEASUREMENT OF INTRACRANIAL PRESSURE.

Armando Rosales-Velderrain, MD, Fernando Dip, MD, Juan Botero, MD, Brian Burnbaum, MD, Emmanuele Lo Menzo, MD, PHD, Samuel Szomstein, MD, Raul Rosenthal, MD; Cleveland Clinic Florida Department of Bariatric and Metabolic Surgery Departmet of Anesthesia

## P397 LOW EARLY POSTOPERATIVE WOUND COMPLICATION RATE AFTER SINGLE-INCISION LAPAROSCOPIC COLECTOMY USING STRAIGHT LAPAROSCOPIC INSTRUMENTS

Nathan Hansen, MD, Huy Nguyen, DO, Sherry Wren, MD, Dan Eisenberg, MD; Stanford School of Medicine and Palo Alto VA HCS

## P398 ICG INFRARED IMAGING: A NOVEL ALTERNATIVE TO INTRAOPERATIVE CHOLANGIOGRAPHY

Amie Miller, MD, Jonathan Saxe, MD, Caroline Cao, PhD; Wright State University, Dayton, OH

## P399 USE OF HARMONIC SCALPEL IN SINGLE SITE LAPAROSCOPIC CHOLECYSTECTOMY: A SAFE ALTERNATIVE. EXPERIENCE IN 100 CONSECUTIVE CASES.

M Bassante, MD, D McDonald, MD, M Kadowaki, MD; East Tennessee State University

## P400 BENEFITS OF NEEDLESCOPIC SURGERY - A SYSTEMATIC REVIEW OF THE EVIDENCE

Joseph Shaw, Fatima Haggag, Mehar-Un-Nisa Rashid, Reilly Musselman, MD, Husein Moloo, MD, MSc, Joseph Mamazza, MD; Ottawa Hospital Research Institute

## P401 LAPAROSCOPIC REPAIR OF AN OMPHALOENTERIC REMNANT IN AN ADULT MALE

Hugo Bonatti, MD, Aboubakr Khairat, MD, Stephen Kavic, MD; University of Maryland

## P402 POSTOPERATIVE PAIN EVALUATION OF LIPOSOMAL BUPIVACAINE IN PATIENTS UNDERGOING LAPAROSCOPIC CHOLECYSTECTOMY

A R Shah, MD, A Myers, MD, C M Lohse, A L McConico, P E Skaran, J Bingener, MD; Department of Surgery, Mayo Clinic, Rochester, MN

## P403 DURING LAPAROSCOPIC CHOLECYSTECTOMY; CYSTIC ARTERY CAN BE CAUTERIZED SAFELY

Sherwan Aziz, MBChB, MSc; Hawler medical university

## P404 NEUROENDOCRINE TUMOURS OF THE APPENDIX: 2 CASE REPORTS OF SUCCESSFUL CURATIVE TREATMENT

Alexandre C Stanescu, MD, Marius Nedelcu, MD, Annamaria Nedelcu, MD, Liana M Ples, MD, Bernhard Egger, Professor, of, Surgery; HFR Fribourg-Cantonal Hospital Switzerland, CHU Montpellier France, HUG Genève-Switzerland, Sf. Ioan University Hospital, Bucharest

## P405 DIRECT ACCESS ERCP: A NOVEL AND RELIABLE SURGICAL TECHNIQUE FOR PATIENTS WITH ROUX-EN-Y ANATOMY

Cheryl Lin, MD, Robert J Aragon, MD, Aaron D Carr, MD, Mohamed R Ali, MD, FACS; Department of Surgery, University of California, Davis.

## P406 DIAPHRAGMATIC PACING CAN SUBJECTIVELY IMPROVE SYMPTOMS AND QUALITY OF LIFE IN PATIENTS WITH IDIOPATHIC DIAPHRAGMATIC DYSFUNCTION

Vikram Vattipally, MD, Raymond P Onders, MD, MaryJo Elmo, ACNP, Eric M Pauli, MD; 1 Penn State Hershey Medical Center, Hershey, Pennsylvania. 2 University Hospitals Case Medical Center, Cleveland, Ohio

## P407 SINGLE STAGE CONVERSION OF LAPAROSCOPIC ADJUSTABLE GASTRIC BAND(LAGB) TO MODIFIED LAPAROSCOPIC DUODENAL SWITCH (DS)

Andrew R Brownlee, MD, Yuriy Dudiy, MD, Kelsey Gibson, Erica Bromberg, BA, Mitchell Roslin, MD, FACS; Lenox Hill Hospital

## P408 REPAIR OF DIAPHRAGMATIC DEFECT COMPLICATING PERITONEAL DIALYSIS WITH LAPAROSCOPIC AND THORACOSCOPIC APPROACH

Melissa L Maxey, MD, Thomas L Novick, MD, James M Nottingham, MD; University of South Carolina

## P409 TOTALLY LAPAROSCOPIC VESICO CUTANEUS FISTULA RESECTION AFTER INCISIONAL HERNIA REPAIR WITH MESH. A CASE REPORT

Miguel A Hernández Moreno, MD, Morris E Franklin Jr., MD, FACS, Guillermo Peralta, MD, Zann Dor Del Real Romo, MD, David Martinez, MD; Texas Endosurgery Institute

## P410 THE STRATEGY AND TECHNIQUE OF LAPAROSCOPIC PANCREATIC JEJUNOSTOMY

Weiwei Jin, MS, Yiping Mou, MD, FACS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

## P411 SHORT-TERM SURGICAL AND LONG-TERM SURVIVAL OUTCOMES AFTER LAPAROSCOPIC DISTAL GASTRECTOMY WITH D2 LYMPHADENECTOMY FOR GASTRIC CANCER

Xiaowu Xu, MD, Yiping Mou, MD, FACS, Ke Chen, MS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

## P412 TOOLS FOR ONE PORT LAPAROSCOPIC SURGERY

Fausto Davila, MD, Gloria Gonzalez Uribe, MD, Daniel Tsin, MD, Martha R. Davila, MD, Ulises Davila, MD, Andrea Tinelli, MD; Hosp. FDS, Poza Rica, Ver, México

## P413 LAPAROSCOPY-ASSISTED VERSUS OPEN GASTRECTOMY FOR GASTRIC CANCER: A CASE-MATCHED COHORT STUDY

Ke Chen, MS, Weiwei Jin, MS, Yiping Mou, MD, FACS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

## P414 LAPAROSCOPIC EXTRACTION OF A MIGRATED INTRAUTERINE DEVICE FROM THE SIGMOID COLONIC WALL UNDER COLONOSCOPIC VISUALIZATION.

Kelechi Akuma, MD, Luca Milone, MD, PhD, Julio Teixeira, MD, FACS; St. Johns Riverside Hospital, Yonkers. New York





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- P415 VIRTUALLY SCARLESS LAPAROSCOPY FOR GASTROINTESTINAL AND GYNECOLOGIC PROCEDURES: A NOVEL TECHNIQUE** Gabriel Garnica, MD, Juan F Molina-Lopez, MD, Isaac Bailey, MD, Karla S Martin, MD, Luis C Valencia, Rafael Padilla, Fernando Quijano, Angel Martinez - Munive; The American British Cowdray Medical Center
- P416 CAN SINGLE ANASTOMOSIS POST PYLORIC BYPASS OR LOOP DUODENAL SWITCH BE THE BARIATRIC OPERATION OF THE FUTURE?** Andrew R Brownlee, MD, Yuriy Dudiy, MD, Mitchell Roslin, MD, FACS; Lenox Hill Hospital
- P417 INCREASING USE OF EXPLORATORY LAPAROSCOPY AT A LEVEL I TRAUMA CENTER: IMPACT ON NEGATIVE LAPAROTOMY RATE** Nova Szoka, MD, Patrick McGrew, MD, Barkat Ali, MD, Krista Turner, MD, Stephen Lu, MD, Edward D Auyang, MD; University of New Mexico Department of General Surgery
- P418 NATURAL ORIFICE ENDOSCOPIC DRAINAGE OF PERFORATED DUODENAL ULCER** Sam Pakraftar, MD, Chris Dwyer, MD, Harry W Sell, MD, Kurt Stahlfeld, MD; UPMC Mercy
- P419 TRANSVAGINAL LAPAROSCOPIC APPENDECTOMY SIMULTANEOUSLY WITH VAGINAL HYSTERECTOMY: ICING ON THE CAKE** Yu Tian, MD, PhD, Shuodong Wu, Yinghan Chen, Danbo Wang; Department of General Surgery, Shengjing Hospital, China Medical University
- P420 HYBRID NATURAL ORIFICE TRANSLUMINAL ENDOSCOPIC SURGERY: LAPAROSCOPE-ASSISTED ENDOSCOPIC FULL-THICKNESS RESECTION OF GASTRIC GIST** Masao Fujiwara, MDPhD, Hirohito Mori, MDPhD, Yuji Nishizawa, MDPhD, Akihiro Kondo, MD, Keiichi Okano, MDPhD, Tsutomu Masaki, MDPhD, Yasuyuki Suzuki, MDPhD; Department of Gastroenterological Surgery and Department of Gastroenterology and Neurology, Faculty of Medicine, Kagawa University, Kagawa, Japan
- P421 STRESS RESPONSE AND WELL-BEING AFTER OPEN, LAPAROSCOPIC AND NOTES TRANSGASTRIC UTERINE HORNE RESECTION – AN EXPERIMENTAL STUDY IN A PORCINE MODEL** Maria Bergstrom, MD, PhD, Asghar Azadani, MD, Jorge Alberto Arroyo Vázquez, MD, Per-Ola Park, Professor; Dept of Surgery, South Alvsborg Hospital, Borås, Sweden and Gothenburg University, Gothenburg, Sweden
- P422 GASTRIC BACTERIAL COLONISATION IN A SWEDISH POPULATION, WITH AND WITHOUT PPI. – IS THERE A NEED FOR ANTIBIOTIC PROPHYLAXIS PRIOR TO TRANSGASTRIC NOTES PROCEDURES?** Per-Ola Park, Professor, Caroline Rydmarker, MD, Anders Lundqvist, MD, PhD, Maria Bergstrom, MD, PhD; Dept of Surgery and Dept of Infectious disease, South Alvsborg Hospital, Borås, Sweden, Gothenburg University, Gothenburg, Sweden
- P423 A DIVERSE RANGE OF APPLICATIONS OF TRANSANAL MINIMALLY INVASIVE SURGERY** Jung Myun Kwak, MD, PhD, Jin Kim, MD, PhD, Seon Hahn Kim, MD, PhD, Sung Ock Suh, MD, PhD; Korea University College of Medicine
- P424 DEFINING THE LEARNING CURVE FOR TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS)** Henry Schoonyong, MD, Francisco Quinteros, MD, Beatriz Martin-Perez, MD, Lawna Hunter, BA, George Nassif, DO, Teresa deBeche-Adams, MD, Sergio Larach, MD, Matthew Albert, MD, Sam Atallah, MD; Florida Hospital
- P425 TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS): CHALLENGING THE LIMITS OF TRADITIONAL LOCAL EXCISION** Danielle M Giesler, MD, Mark A Casillas, Jr., MS, MD; The University of Tennessee Graduate School of Medicine, Department of Surgery

- P426 PRELIMINARY FACE VALIDATION OF A VIRTUAL TRANSLUMINAL ENDOSCOPIC SURGERY TRAINER (VTEST)** Woojin Ahn, PhD, Saurabh Dargar, Tansel Halic, PhD, Ganesh Sankaranarayanan, PhD, Kurt Roberts, MD, Suvranu De, ScD; Rensselaer Polytechnic Institute, Troy; University of Central Arkansas, Conway; Yale University, New Haven
- P427 TRANSANAL VIDEO ASSISTED SURGERY USING SINGLE ACCESS PORT-INITIAL EXPERIENCE AND LESSONS LEARNED** Irene J Lo, MD, Paul Suding, MD, Giovanni Begossi, MD, Rupert Horoupian, MD, Ajay K Upadhyay, MD; Alta Bates Summit Medical Center (Oakland and Berkeley, California), St. Rose Hospital (Hayward, California)
- P428 CREATING EFFICIENCY IN PER ORAL ENDOSCOPIC MYOTOMY** Homero Rivas, MD, MBA, Shushmita Ahmed, MD, Michael Russo, MD; Stanford University School of Medicine
- P429 DURABILITY OF THE EFFECT OF TRANSVERSUS ABDOMINIS PLANE BLOCKS ON PATIENT OUTCOMES IN LAPAROSCOPIC COLORECTAL SURGERY: REVIEW OF 200 CONSECUTIVE CASES** Deborah S Keller, MS, MD, Benjamin Crawshaw, MD, Bridget O Ermlich, RN, MSN, CCRP, Conor P Delaney, MD, MCh, PhD; University Hospitals-Case Medical Center, Case Western Reserve University
- P430 PREDICTORS OF VENOUS THROMBOEMBOLISM IN OPEN AND LAPAROSCOPIC BARIATRIC SURGERY** Ivy N Haskins, MD, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS; George Washington University Department of General Surgery
- P431 OUTCOMES OF LAPAROSCOPIC VERSUS OPEN LADD'S PROCEDURE FOR INTESTINAL MALROTATION IN ADULTS** Lane Frasier, MD, Glen E Levenson, PhD, Ankush Gosain, MD, PhD, Jacob A Greenberg, MD, EdM; University of Wisconsin Hospital and Clinics, Department of Surgery
- P432 ROBOTICALLY-ASSISTED LAPAROSCOPIC BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH. LEARNING CURVE AND PROGRESS IN FIVE YEARS OF PRACTICE** Iswanto Sucandy, MD, Gintaras Antanavicius, MD, FACS; Abington Memorial Hospital, PA
- P433 MINIMALLY INVASIVE APPROACH TO SMALL BOWEL OBSTRUCTION CAUSED BY METASTATIC LUNG CANCER.** Mohan M John, MD, Harish Nirujogi, MD, Visweshwar Haresh, MD, Vellore Parithivel, MD, Masooma Niazi, MD; Bronx Lebanon Hospital Center, Bronx, NY
- P434 THE CONTROVERSY OF PROPHYLACTIC IVC FILTERS IN HIGH RISK PATIENTS UNDERGOING GASTRIC BYPASS SURGERY** B Jakub Wilhelm, MD, Aniket K Sakharpe, MD, MPH, Manthan Makadia, MD, Leopoldo M Baccaro, MD, Vinay Singhal, MD; Easton Hospital, Drexel University College of Medicine
- P435 THE POWERED ECHELON FLEX ENDOPATH STAPLER (EFPE) LEADS TO LESS POSTOPERATIVE HEMORRHAGE FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS; EVIDENCE FOR AN UNANTICIPATED BENEFIT FROM THE POWERED STAPLE DEVICE.** Darrell P Doucette, MD, John J Kelly, MD, Donald R Czerniach, MD, Philip A Cohen, MD, Richard A Perugini, MD; UMass Memorial Medical Center
- P436 TWO YEAR PROSPECTIVE FOLLOW UP OF BOWEL FUNCTION AFTER CHOLECYSTECTOMY IN 100 PATIENTS** Matthew Zapf, BA, Woody Denham, MD, Ermilo Barrera, MD, Chih E Wang, PhD, Zeeshan Butt, PhD, JoAnn Carbray, BS, John Linn, MD, Michael Ujiki, MD; NorthShore University HealthSystem
- P437 PREDICTORS OF ADENOMA DETECTION IN COLONOSCOPY BY GASTROENTEROLOGISTS AND GENERAL SURGEONS** B Evans, M Bargaonkar, MD, FRCPC, D Pace, MD, FRCSC, N Hickey, M O'Leary, G Fallows, J McGrath; Memorial University of Newfoundland, Queens University

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**P438 SUCCESSFUL MEDICAL MANAGEMENT OF GASTRIC AFTER MINIMALLY INVASIVE THREE FIELDS ESOPHAGECTOMY BY ACHALASIA MEGAESOPHAGUS** Evelyn Dorado, DR, Andres Romero, DR; FUNDACION CLINICA VALLE DEL LILI CALI COLOMBIA

**P439 SHOULD WE ROUTINELY TRANSFUSE PLATELET FOR IMMUNE THROMBOCYTOPENIA PATIENTS WITH EXTREME LOW PLATELET COUNT WHO UNDERWENT LAPAROSCOPIC SPLENECTOMY?** Yunqiang Cai, PhD, Xubao Liu, PhD, Xin Wang, PhD, Bing Peng, PhD; Department of Hepatopancreatobiliary Surgery, West China Hospital, Sichuan University

**P440 LAPAROSCOPIC SPLENECTOMY FOR BENIGN SPLENIC TUMOR: ANOTHER GOLDEN STANDARD** Ali Wajid, PhD, Yongbin Li, PhD, Bing Peng, PhD; Department of Hepatopancreatobiliary Surgery, West China Hospital, Sichuan University

**P441 A MEASURE OF RECOVERY AFTER LAPAROSCOPIC VS OPEN ABDOMINAL SURGERY IN ELDERLY PATIENTS** Fadi Hamadani, MD, Shanon Fraser, MD, FRCSC, FACS, Michele Monette, MSc, Geva Maimon, PhD, Nadia Sourial, MSc, Debbie Teasdale, RN, Helena Zakrzewski, BSc, Simon Bergman, MD, MSc, FRCSC, FACS; Jewish General Hospital, McGill University

**P442 LAPAROSCOPIC GASTRIC BYPASS GASTROJEJUNOSTOMY CONSTRUCTION TECHNIQUE CORRELATES WITH ANASTOMOTIC COMPLICATIONS** Alex W Lois, BS, Matthew J Frelich, MS, Matthew I Goldblatt, MD, James R Wallace, MD, PhD, Jon C Gould, MD; Department of Surgery, Division of General Surgery, Medical College of Wisconsin

**P443 GASTRIC VOLVULUS AFTER LAPAROSCOPIC PANCREATICTOMY** Elsa B Valsdottir, MD, Sindri A Viktorsson, MD; Landspítali University Hospital, University of Iceland Medical School

**P444 GASTRIC BYPASS AND SIGNIFICANT SURGICALLY INDUCED WEIGHT LOSS IS ASSOCIATED WITH DECREASED BONE MINERAL DENSITY** Alex W Lois, BS, Matthew J Frelich, MS, Matthew I Goldblatt, MD, Nedra L Ohm, RN, Catherine R English, RN, James R Wallace, MD, PhD, Jon C Gould, MD; Department of Surgery, Division of General Surgery, Medical College of Wisconsin

**P445 MANAGEMENT OF COMPLICATED APPENDICITIS: IS LAPARO-ENDOSCOPIC SINGLE SITE SURGERY (LESS) A SAFE OPTION?** Fernando Arias, MD, FACS, Natalia Cortes, MD, Marcos E Pozo, MD, Adolfo Torres, MD, Gabriel Herrera-Almarino, MD; University Hospital Fundacion Santa Fe de Bogota; Bogota, Colombia

**P446 THE EFFICACY OF A NOVEL SPRAYABLE BIOPOLYMER BARRIER IN THE PREVENTION OF POSTOPERATIVE ADHESIONS** Lauren A Costella, Angela Piñeros-Fernández, MD, George T Rodeheaver, PhD, Michael J Danilich, PhD, Patrick S Cottler, PhD; Luna Innovations Incorporated, University of Virginia Health System Department of Plastic Surgery

**P447 EXPERIENCE OF SINGLE-INCISION LAPAROSCOPIC SURGERY FOR THE SMALL INTESTINE LESION** Shingo Ito, Kazuhiro Sakamoto, Yuichi Tomiki, Atsushi Okuzawa, Michitoshi Goto, Yutaka Kojima, Hiromitsu Komiya, Makoto Takahashi, Yukihiro Yaginuma, Shun Ishiyama, Kiichi Sugimoto, Masaya Kawai, Kazuhiro Takehara, Shinya Munakata, Hisashi Ro, Kosuke Mizukoshi, Jun Aoki, Yuu Okazawa, Rina Takahashi, Kumpei Honjo, Ryosuke Ichikawa, Kazumasa Kure; Department of Coloproctological Surgery, Faculty of Medicine, Juntendo University

**P448 VALIDATION OF THE SF-36 AS A MEASURE OF POST-OPERATIVE RECOVERY AFTER COLORECTAL SURGERY** Ioana Antonescu, MD, Francesco Carli, MD, MPhil, FRCA, FRCPC, Nancy E Mayo, PhD, Liane S Feldman, MD, FRCSC, FACS; McGill University Health Centre, Department of Surgery

**P449 LONG TERM OUTCOMES OF INTRATHORACIC STOMACH REPAIR WITH CRURAL REINFORCEMENT USING VICRYL MESH AND BIOGLUE** Jessica L Reynolds, MD, Joerg Zehetner, MD, Nikolai Bildzukevich, MD, Namir Katkhouda, MD, Elizabeth Hong, Jonathan C Cash, MD, John C Lipham, MD; Keck Medical Center of the University of Southern California, Los Angeles, CA

**P450 IS BLIND NASO-GASTRIC TUBE INSERTION SAFE AFTER SLEEVE GASTRECTOMY? A PORCINE MODEL** Thomas Fabian, MD, Lauren Naile, BA, Mara McElean, MD; Albany Medical College

**P451 Withdrawn**

**P452 MINIMALLY INVASIVE DUODENOJEJUNOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME** Zhuo Sun, MD, John Rodriguez, MD, John McMichael, R Matthew Walsh, MD, Sricharan Chalikonda, MD, Raul J Rosenthal, MD, Matthew D Kroh, MD, Kevin El-Hayek, MD; 1 Digestive Disease Institute, Cleveland Clinic, Cleveland, OH; 2 Digestive Disease Institute, Cleveland Clinic, Weston, FL

**P453 RIGHT ATRIUM MONITORING USING TRANSESOPHAGEAL ECHOCARDIOGRAPHY COULD PREVENT CRITICAL CARBON DIOXIDE GAS EMBOLISM IN LAPAROSCOPIC LIVER RESECTION.** Akihiko Oshita, MD, PhD, Masahide Shinzawa, MD, PhD, Masaru Sasaki, MD, PhD, Satoshi Inoue, MD, Yuta Kuroo, MD, Takuro Yamaguchi, MD, Hiroyuki Nakamura, MD, PhD, Yoichi Sugiyama, MD, PhD, Tatsuya Tazaki, MD, PhD, Mohei Kouyama, MD, PhD, Yuji Imamura, MD, PhD, Masakazu Nakao, MD, PhD, Astushi Nakamitsu, MD, PhD; JA Hiroshima General Hospital

**P454 SCREENING FOR PROTHROMBOTIC STATES DOES NOT IDENTIFY PATIENTS AT RISK FOR PORTAL AND SPLENIC VEIN THROMBUS FOLLOWING LAPAROSCOPIC SPLENECTOMY** Namdar Manouchehri, Pepa Kaneva, Chantal Séguin, Giovanni P Artho, Gerald M Fried, Liane S Feldman; McGill University Health Centre

**P455 HOSPITAL READMISSION FOLLOWING APPENDECTOMY, CHOLECYSTECTOMY, AND HERNIORRHAPHY** Brian C Hill, MD, Saad A Shebrain, MBBCh, FACS, Leandra H Burke, MPA, CCRP, Shivani Shah, MD, Ethan J Maltz; Western Michigan University School of Medicine

**P456 MECKEL'S DIVERTICULUM – A FIVE YEAR INPATIENT ANALYSIS** Shadi Al-Bahri, MD, Gregory Burgoyne, MD; Department of Surgery, MedStar Union Memorial Hospital, Baltimore, MD

**P457 MINILAPAROSCOPIC CHOLECYSTECTOMY IS ASSOCIATED WITH A LOWER BILE DUCT INJURY RATE A SISTEMATIC REVIEW** Diego L Lima, MD, Gildo O Passos Junior, MD, Jucielle S Barros, Ingrid L V. Rodrigues, Yukie C Konishi, Frederico W C. Silva, MD, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

**P458 INNOVATIVE APPROACHES TO LAPAROSCOPIC CHOLECYSTECTOMY: A COMPARISON OF OUTCOMES FOR SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY, MULTI-PORT ROBOTIC CHOLECYSTECTOMY, AND SINGLE SITE ROBOTIC CHOLECYSTECTOMY.** Robert J Aragon, MD, Cheryl Lin, MD, Tamas J Vidovszky, MD, FACS, Aaron D Carr, MD, Mohamed R Ali, MD, FACS; Department of Surgery, University of California, Davis.

**P459 ANTENNA COUPLING FROM MONOPOLAR INSTRUMENTS EXPLAINS UNINTENDED THERMAL INJURY CAUSED BY COMMON OPERATING ROOM MONITORING DEVICES** Nicole T Townsend, MD, Edward Jones, MD, Alessandro Panaccia, MD, Greg V Stiegmann, MD, Thomas N Robinson, MD; University of Colorado



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**P460 SURGICAL TREATMENT OF MEDICALLY REFRACTORY GASTROPARESIS IN MORBIDLY OBESE PATIENTS** Zhuo Sun, MD, John Rodriguez, MD, John McMichael, Bipan Chand, MD, Stacy Brethauer, MD, Phillip Schauer, MD, Kevin El-Hayek, MD, Matthew D Kroh, MD; 1 Digestive Disease Institute, Cleveland Clinic, Cleveland, OH; 2 Department of Surgery, Loyola University, Maywood, IL

**P461 A PICTURE IS WORTH A THOUSAND WORDS: EMBEDDED IMAGES WITHIN OPERATIVE REPORTS IMPROVE UNDERSTANDING AND QUALITY** Emily Huang, MD, Jonathan Carter, MD; University of California San Francisco

**P462 TREATMENT OF UNRESOLVED SMALL BOWEL OBSTRUCTION OF DIFFERENT ORIGINS USING LAPAROSCOPY** Juan D Hernandez, MD, Ricardo Nassar, MD; Hospital Universitario Fundacion Santa Fe de Bogota and Universidad de los Andes

**P463 COMBINING APPENDECTOMY WITH CHOLECYSTECTOMY: IS IT WORTH THE RISK?** Mimi Kim, MD, Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Amanda L Walters, MS, Vedra A Augenstein, MD, B. Todd Heniford, MD; Department of Surgery, Division of GI and Minimally Invasive Surgery, Carolinas Medical Center, Charlotte, NC

**P464 ROBOTIC VERSUS LAPAROSCOPIC SURGERY FOR COLONIC DISEASE: A META-ANALYSIS OF INTRA-OPERATIVE VARIABLES.** Kandace M Kichler, MD, Alberto Zarak, MD, Alvaro Castillo, MD, Lucy M De La Cruz, MD, Leonardo Tamariz, MD, MPH, Srinivas Kaza, MD, FACS; University of Miami, Regional Campus, West Palm Beach, Florida

**P465 ROBOTIC-ASSISTED ABDOMINOPERINEAL RESECTION: EFFICACY AND SAFETY IN A COMMUNITY HOSPITAL SETTING..** Marcus F Yarbrough, MD, \*Subhasis Misra, MD, MS, FACCWS; Department of Surgery CTCA-Midwestern Hospital, Zion, IL. \*Texas Tech University Health Science Center – Amarillo, TX

**P466 EVALUATING THE COLLABORATIVE APPROACH TO THE IMPLEMENTATION OF ROBOTIC KIDNEY SURGERY** Timothy Johnson, MD, Roc McCarthy, DO, Ashley Adams, BS, Thomas V Clancy, MD, William W Hope, MD; New Hanover Regional Medical Center

**P467 OUT BY 3:30 – A STUDY IN BARIATRIC ROBOTIC SURGERY EFFICIENCY** Hernan D Urrego, MD, Aliu Sanni, MD, Juan P Toro, MD, S. Scott Davis, MD, John F Sweeney, MD, Edward Lin, DO, Ankit D Patel, MD; Emory University

**P468 ROBOTIC COLORECTAL SURGERY: SHORTER OPERATIVE TIMES, LOW CONVERSION RATES, AND EXCELLENT ONCOLOGIC YIELD – A SINGLE-SURGEON RETROSPECTIVE COHORT STUDY AT A HIGH-VOLUME COMMUNITY CENTER** Vaniitha Vasudevan, MD, Chetan Patel, MD, Joshua Parreco, MD, Srinivas Kaza, MD; Department of Surgery, University of Miami Miller School of Medicine, Palm Beach Regional Campus, Atlantis, FL

**P469 TOTALLY ROBOTIC COMPLETE MESOCOLIC EXCISION AND CENTRAL VASCULAR EXCISION FOR RIGHT-SIDED COLON CANCER** Sung Uk Bae, Chang Woo Kim, Min Soo Cho, Hyun A Jang, Se Jin Baek, Hyuk Hur, Seung Hyuk Baik, Nam Kyu Kim, Byung Soh Min; Yonsei University College of Medicine

**P470 DA VINCI® LOW ANTERIOR RESECTION FOR RECTAL CANCER WITH FULL-ROBOTIC SINGLE-DOCKING TECHNIQUE: A SINGLE INSTITUTIONAL EXPERIENCE** Giuseppe Spinoglio, MD, Luca Lenti, PhD, Giampaolo Formisano, MD, Alessandra Marano, MD, Marco Lodin, MD; Department of General and Oncologic Surgery, SS. Antonio e Biagio Hospital, Alessandria, Italy

**P471 THE SAFETY AND FEASIBILITY OF SINGLE INCISION ROBOTIC LAPAROSCOPIC CHOLECYSTECTOMY IN THE ACUTE SETTING** George A Mazpule, MD, Adam S Rosenstock, MD, Stephen G Pereira, MD; Hackensack University Medical Center

**P472 ROBOTIC VERSUS LAPAROSCOPIC COLORECTAL SURGERY: A CASE MATCHED STUDY FROM A TERTIARY REFERRAL CENTER** Emre Gorgun, Erman Aytac, Brooke Gurland, Meagan M Costedio; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

**P473 RETROSPECTIVE COMPARATIVE ANALYSIS OF ROBOTIC VERSUS LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR: A SINGLE CENTER EXPERIENCE** Vaniitha Vasudevan, MD, Kandace Kichler, MD, Lucy De La Cruz, MD, Srinivas Kaza, MD; University of Miami Miller School of Medicine Palm Beach Reional Campus, Atlantis, FL

**P474 A SINGLE SURGEON'S EXPERIENCE OF SINGLE SITE ROBOTIC CHOLECYSTECTOMY : THE TIMELINE OF PROGRESS** Shahida Bibi, MD, Jasna Coralic, FACS, Mohmed Bayoumi, MD, Jubin Khorsand, FACS, Leela M Prasad, FACS, FASCRS; Advocate Lutheran General Hospital Park Ridge Illinois

**P475 ROBOTIC SINGLE SITE CHOLECYSTECTOMY-RETROSPECTIVE OUTCOME ANALYSIS FROM A HIGH VOLUME COMMUNITY HOSPITAL** Vaniitha Vasudevan, MD, Lucy De La Cruz, MD, Kandace Kichler, MD, Srinivas Kaza, MD; University of Miami Miller School of Medicine Palm Beach Regional Campus, Atlantis, FL

**P476 SINGLE-SITE ROBOTIC CHOLECYSTECTOMY: INITIAL EXPERIENCE** Subhashini Ayloo, MD, FACS, Nabajit Choudhury; Division of General, Minimally Invasive and Robotic Surgery, Department of Surgery, University of Illinois at Chicago, Chicago, Illinois

**P477 ROBOTIC REVISIONAL BARIATRIC SURGERY: SINGLE SURGEON CASE SERIES** Subhashini Ayloo, MD, FACS, Nabajit Choudhury, MD; Division of General, Minimally Invasive and Robotic Surgery, Department of Surgery, University of Illinois at Chicago, Chicago, Illinois

**P478 PARTIAL SPLENECTOMY IN THE MANAGEMENT OF BLUNT SPLENIC TRAUMA** Hamdy S Abd Allah, PhD; Gastrointestinal Surgery Unit, General Surgery Department, Faculty Of Medicine, Tanta University

**P479 HAND-ASSISTED LAPAROSCOPIC SPLENECTOMY FOR MALIGNANT LYMPHOMA OF THE SPLEEN** Michiya Kobayashi, MD, PhD, Ken Okamoto, MD, PhD, Hiromichi Maeda, MD, PhD, Hiroyuki Kitagawa, MD, PhD, Tsutomu Namikawa, MD, PhD, Ken Dabanaka, MD, PhD, Daisuke Nakamura, MD, Koji Oba, PhD, Kazuhiro Hanazaki, MD, PhD; Department of Human Health and Medical Sciences, Kochi Medical School, Nankoku, Japan

**P480 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC SPLENECTOMY USING CONVENTIONAL INSTRUMENTS: PRELIMINARY EXPERIENCE IN CONSECUTIVE PATIENTS AND COMPARISON TO STANDARD MULTIPLE-INCISION LAPAROSCOPIC SPLENECTOMY** Ying Fan, Shuodong Wu; Department of the Second General Surgery, Shengjing Hospital of China Medical University, Shenyang City, Liaoning Province, People's Republic of China

**P481 LAPAROSCOPIC-ASSISTED AUTOTRANSPLANTATION OF A RENAL ARTERY ANEURYSM** Heidi J Miller, MD, MPH, Rashad G Choudry, MD, Radi Zaki, MD; Albert Einstein Healthcare Network

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**P482 SINGLE INCISION LAPAROSCOPIC SPLENECTOMY: FEASIBILITY AND COMPARISON TO MULTI-PORT LAPAROSCOPIC SPLENECTOMY.** Masataka Ikeda, MD, Mitsugu

Sekimoto, MD, Koji Takami, MD, Motohiro Hirao, MD, Michihiko Miyazaki, MD, Hideyasu Ohmiya, MD, Atsushi Miyamoto, MD, Kazuhiro Nishikawa, MD, Tadashi Asaoka, MD, Masakazu Miyake, MD, Kazuyoshi Yamamoto, MD, Naotsugu Haraguchi, MD, Shoji Nakamori, MD; Osaka National Hospital

**P483 LAPAROSCOPIC SPLENECTOMY** Burhan Mayir, Tuna Bilecik, Umit Koc, Cemal Ozben Ensari, Mehmet Tahir Oruc, Nurullah Bulbul; Antalya Education and Research Hospital

**P484 WANDERING SPLEEN PRESENTING WITH TORSION, ITP EXACERBATION** Eric W Owings, MD, Sagar Gandhi, MD, Todd Nickloes, DO, Andrea M Alexander, MD; Univsity of Tennessee Medical Center Knoxville

**P485 LAPAROSCOPIC REMOVAL OF AN ACCESSORY SPLEEN FOR RECURRENT IDIOPATHIC THROMBOCYTOPENIC PURPURA 5 YEARS AFTER LAPAROSCOPIC SPLENECTOMY** Hugo Bonatti, MD, Daniel Medina, MD, Stephen Kavic, MD; University of Maryland

**P486 NUMBER OF LYMPH NODES REMOVED DURING RADICAL PROSTATECTOMY FOR EARLY PROSTATE CANCER AS IT RELATES TO OUTCOME** Ebrahim Abdal, Dr, Amina Bouhelal, Dr, Bijendra Patel, Mr, Hitendra Patel, Professor; Barts Cancer Institute Queen Mary University of London

**P487 RENAL PARENCHYMA PERFUSION DURING LAPAROSCOPIC DONOR NEPHRECTOMY** Adam J Reid, MD, Myron Powell, MD, Carl Westcott, MD; Wake Forest University Baptist Medical Center

**P488 LAPAROSCOPIC ASSISTED SPLENECTOMY FOR SPLENOMEGALY BY MALIGNANT LYMPHOMA AND HYPERSPLENISM** Shinjiro Tomiyasu, MD, PhD, Kazutoshi Okabe, MD, PhD, Hiroyuki Komori, MD, Osamu Sano, MD, Akira Tsuji, MD, Hiroshi Tanaka, MD, Shinji Ishikawa, MD, PhD, Hiroki Sugita, MD, PhD, Tetsumasa Arita, MD, PhD, Yasushi Yagi, MD, PhD, Tsuyoshi Yamanaka, MD, PhD, Masahiko Hirota, MD, PhD, Toru Beppu, MD, PhD, FACS, Hideo Baba, MD, PhD, FACS; Kumamoto Regional Medical Center





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### ETP001 INDOCYANINE GREEN FLUORESCENT IMAGING FOR THE DETECTION OF PARATHYROID GLAND: A PRECLINICAL STUDY

Yong Joon Suh, MD, Jung Woo Woo, MD, Young Joon Chai, MD, Hyungju Kwon, MD, Se Hyun Paek, MD, Eunyoung Kim, MD, Il Yong Chung, MD, Kyu Hyung Kim, MD, Su-jin Kim, MD, June Young Choi, MD, Kyu Eun Lee, MD, PhD, Yong Taik Lim, PhD, Yeo-Kyu Youn, MD, PhD; Department of Surgery, Seoul National University Hospital and College of Medicine, Seoul, Korea

### ETP002 TRANSANAL TOTAL MESORECTAL EXCISION WITH REAL-TIME, IMAGE-GUIDED STEREOTAXY

Sam B Atallah, MD, George Nassif, DO, Beatriz Martin-Perez, MD, Sergio W Larach, MD; Florida Hospital

### ETP003 TRANSRECTAL HYBRID-NOTES ANTERIOR RESECTION USING AN ARTICULATING HD 3D LAPAROSCOPIC SURGICAL VIDEO SYSTEM

Daniel C. Steinemann, MD, Andreas Zerz, MD, Sebastian H Lamm, MD; Cantonal Hospital Basel Country, Department of Surgery, Bruderholz, Switzerland

### ETP004 A NOVEL METHOD OF RETRACTION IN MINIMAL ACCESS SURGERY USING BIOADHESIVE FILMS

Sauad Aldeghaiher, Benjie Tang, Donald McLean, Emma Wright, Zhigang Wang, Afshin Alijani, Ian Tait, Alfred Cuschieri; Cuschieri Skills Center & Institute of Medical Science and Technology, University of Dundee, Dundee, Scotland

### ETP005 INVENTION OF PORTABLE, DIGITAL AND, FLEXIBLE VIDEO-ENDOSCOPE

Abdorasoul Malekpour, Dr, Saeideh Zahedi, Bs, Hamed Hasani, Javad Kojuri, MD; Quality improvement in clinical Education Research Center, Shiraz University of Medical Sciences, Shiraz, Iran

### ETP006 PERORAL ESOPHAGEAL MYOTOMY VERSUS LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA: A META-ANALYSIS

Mingtian Wei, MD, Hang Yi, MD, Ziqiang Wang, MD, Zongguang Zhou, MD; Department of Gastrointestinal Surgery, West China Hospital, Sichuan University

### ETP007 NOBLE METHOD FOR INTRAOPERATIVE TUMOR LOCALIZATION DURING LAPAROSCOPIC LOCAL RESECTION OF STOMACH: ENDOSCOPIC SUBMUCOSAL CUTTING AND LIGHT TRANSMISSION

Young-Joon Lee, Ji-Ho Park, Sang-Ho Jeong, Chang Yoon Ha, Ju-Yeon Kim, Taejin Park, Chi-Young Jeong, Young-tae Ju, Eun-Jung Jung, Soon-Chan Hong, Sang-Kyung Choi, Woo-Song Ha; Gyeongsang National University

### ETP008 CONCEPT OF SOLO-SURGERY USING A LOCALLY OPERATED DETACHABLE END-EFFECTOR MANIPULATOR TO SUPPORT ENDOSCOPIC SURGERY

Yuji Nishizawa, PhD, Toshikazu Kawai, PhD, Tatsuo Nakamura, PhD, Masao Fujiwara, PhD, Keiichi Okano, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University

### ETP009 SINGLE-INCISION LAPAROSCOPIC APPROACH TO ILEAL LIPOMA

Masami Maeda, MD, Yuji Nishizawa, PhD, Takayuki Fujii, MD, Akihiro Kondo, MD, Masao Fujiwara, PhD, Keiichi Okano, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Kagawa University, Japan

### ETP010 INTRACTABLE MARGINAL ULCER AFTER GASTRIC BYPASS IN MORBIDLY OBESE PATIENTS: A COMPARISON OF RY BYPASS AND ONE ANASTOMOSIS MINI BYPASS

Abdullah Almulaifi, MD, Wei-Jei Lee, MD, PhD, Jung-Chien Chen, MD, Kong-Han Ser, MD; Min-sheng general Hospital, National Taiwan University

### ETP011 EFFICACY OF LAPAROSCOPIC SALINE COUPLED RADIOFREQUENCY ELECTRO-SURGERY DEVICE IN MINIMALLY INVASIVE HEPATOBILIARY SURGERY

Ramanathan M Seshadri, MD, David J Niemeyer, MD, Ryan Z Swan, MD, David Sindram, MD, PhD, David A Iannitti, MD, John B. Martinie, MD; Carolinas Medical Center

### ETP012 I-LID - INSTRUMENT-DRIVEN LAPAROSCOPIC IMAGE DISPLAY

Francois I Luks, MD, Austin Y Ha, Derek L Merck, PhD, Eleanor A Fallon, MD, Sean S Ciullo, MD; Alpert Medical School of Brown University

### ETP013 FIRST HUMAN EXPERIENCE USING THE DYNAMIC LAPAROSCOPIC NOVATRACT™ RETRACTOR

Koji Park, MD, Andrew J Duffy, MD, FACS, Kurt E Roberts, MD, FACS; Yale University School of Medicine

### ETP014 RETRACTOR SYSTEM USING SUCKERS IN THE ARTIFICIAL ASCITES.

Kotaro Kusu, BSc, Yoshihisa Matsunaga, Takuro Ishii, MSc, Kazuya Kawamura, PhD, Tatsuo Igarashi, MD, PhD; Chiba University

### ETP015 NEW MAGNETIC DEVICE THAT ENABLES AND FACILITATES REDUCED PORT SURGERY

Alberto Rodriguez-Navarro, MD, Homero Rivas, MD, Ignacio Robles, MD, Alex Escalona, MD, Steven Schwaitzberg, MD; University of Chile, Stanford University, Catholic University of Chile, Cambridge Health Alliance Harvard Medical School, Levita Magnetics

### ETP016 DEVELOPMENT OF SIMULATION-BASED SUTURING TRAINING FOR DA VINCI® SURGERY

Liron Leist, VP, Research, and, Development, Hadar Segal, Senior, Team, Leader, Maya Bloch, Product, Manager; Simbionix USA

### ETP017 TORSIONAL MODE HEMORRHOIDECTOMY : A NEW PROCEDURE FOR THE MANAGEMENT OF HEMORRHOIDAL DISEASE

Paraskevas Theodossiou, PhD, Consultant, of, Surgery, George Alvanos, Anastasia Katselli, Palaiologos Doulgeroglou, Domna Fanidou; Athens General Hospital

### ETP018 THE MITIE COMPUTERIZED LAPAROSCOPIC AND SURGICAL SKILLS (CLASS) TRAINER, A NOVEL PLATFORM TO PROVIDE VIRTUAL MENTORING AND TRACK LEARNING PROGRESS

Victor T Wilcox Jr., MD, Albert Huang, MD, Nilson Salas, MD, Brian J Dunkin, MD, FACS; The Methodist Institute for Technology, Innovation, and Education

### ETP019 LAPAROSCOPIC ABDOMINAL INCISIONAL HERNIA REPAIR ACHIEVED WITHOUT COMPLICATIONS BY REEFING OF THE HERNIA ORIFICE AND SUTURE-ONLY MESH FIXATION

Eiichi Hirai, MD, Hideto Oishi, MD, Fumi Maeda, MD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takuya Satou, MD, Takayuki Iino, MD, Hidekazu Kuramochi, MD, Shunsuke Onizawa, MD, Mie Hamano, MD, Tutomu Nakamura, MD, Tatsuo Arita, MD; Division of Gastroenterological Surgery, Department of Surgery, Yachiyo Medical Center, Tokyo Women's Medical University

### ETP020 ARGON PLASMA COAGULATION: NEW ENDOSCOPIC TECHNIQUE AND PERSONAL EXPERIENCE ON WEIGHT REGAIN AFTER GASTRIC BYPASS

Giorgio Baretta, PhD, Manoel Galvao Neto, MsC, Josemberg Campos, PhD, Joao Henrique Lima, PhD; Center of Advanced Bariatric Endoscopy - Vita Batel Hospital

### ETP021 OBJECTIVE ASSESSMENT OF THE SUTURE LIGATURE METHOD FOR THE LAPAROSCOPIC INTESTINAL ANASTOMOSIS MODEL USING A NEW COMPUTERIZED SYSTEM

Munenori Uemura, MMedSci, Makoto Yamashita, Morimasa Tomikawa, MD, PhD, FACS, Satoshi Oabata, MD, Ryota Suzaki, MD, PhD, Satoshi Ieiri, MD, PhD, Kenoki Ohuchida, MD, PhD, Noriyuki Matsuoka, Tamotsu Katayama, Makoto Hashizume, MD, PhD, FACS; Kyushu University

### ETP022 USE OF THE EXOSCOPE (VITOM) FOR OPEN TRANSTHORACIC REPAIR OF RECURRENT TRACHEOESOPHAGEAL FISTULA IN A CHILD: ENHANCED VISUALIZATION AND DOCUMENTATION OF UNCOMMON CASES IN PEDIATRIC SURGERY

Philip K Frykman, MD, PhD, MBA, Scott S Short, MD, George Berci, MD; Division of Pediatric Surgery, Department of Surgery, Cedars-Sinai Medical Center

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**ETP023 A NOVEL ROBOTIC PLATFORM FOR AUTONOMOUS MRI-GUIDED INTERVENTIONS** M Anvari, N Duchesne, T Fielding, K G Chan, P D Bevan, T Chapman; Center for Surgical Invention and Innovation, Hamilton, Ontario, Canada

**ETP024 THE USE OF THE SPY ELITE INTRAOPERATIVE PERFUSION ASSESSMENT SYSTEM (INTRAOPERATIVE LASER FLUORESCENCE ANGIOGRAPHY) TO DETERMINE BOWEL PERFUSION IN THE MORBIDLY OBESE PATIENT.** Steven C Tizio, MD, Marisela Messenger, RN, BSN, MBA, Seema Izfar, MD, Mario Alcantara, MD, James C Connaughton, MD, Jaime Mayoral, MD; Methodist Healthcare System of San Antonio

**ETP025 FIRST HUMAN USE OF HYBRID BIOLOGIC-PERMANENT MESH IN A COMPLEX LAPAROSCOPIC HERNIA REPAIR** Connor Wathen, Esam Batayyah, MD, Kevin El-Hayek, MD; Cleveland Clinic Foundation

**ETP026 A LOW COST, PLUG AND PLAY, PC TABLET FOR INTRAHOSPITAL, INTERHOSPITAL AND INTERCONTINENTAL SURGICAL TELESTRATION AND TELEMENTORING.** Etai Bogen, MD, Knut Magne Augestad, MD, PhD, Stig Norderval, MD, PhD, Hiten Patel, MD, PhD, FRCS, Conor P Delaney, MD, MCh, PhD, FRCSI, FACS, FASCRS, Rolv-Ole Lindsetmo, MD, PhD, MPH; Norwegian Centre of Telemedicine and Department of Surgery, University Hospital North-Norway, Tromsø, Norway; Department of Colorectal Surgery, University Hospitals Case Medical Centre, Cleveland, USA

**ETP027 A NOVEL SMARTPHONE-BASED LAPAROSCOPIC TRAINING PLATFORM** T Mizota, MD, G Enani, MBBS, Y Watanabe, MD, M C Vassiliou, MD, A Madani, MD, E Bilgic, S Paudel, MD, T Shichinohe, MD, S Hirano, MD, Y Kurashima, MD; Department of Gastroenterological Surgery II, Hokkaido University Graduate School, Sapporo, Hokkaido, Japan, Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Quebec, Canada

**ETP028 QUANTIFICATION OF BODY SHAPE, SURFACE AREA AND VOLUME WITH WHITE LIGHT SCANNING IN HUMAN SUBJECTS** John Pender, MD, Konstantinos Spaniolas, MD, William Chapman, MD, Edgar Moore, MD, Lynis Dohm, MD, Stephen Wohlgemuth, MD, Walter Pories, MD; East Carolina University and Easter Virginia Medical School

**ETP029 ROBOTIC MANIPULATOR WITH MULTIPLE INSTRUMENTS FOR NOTES** Abolfazl (Pourghodrat), Carl A Nelson, PhD, Dmitry Oleynikov, MD; University of Nebraska Lincoln

**ETP030 DEVELOPMENT AND UTILIZATION OF A CANINE MODEL TO ASSESS STAPLE LINE REINFORCEMENT MATERIALS IN THE ABDOMEN** Michael Soltz, PhD, Ludovic Bouré, DVM, Clayton Ramey, DVM, Elizabeth Contini, BS, Dwight Bronson, MS, Tim Ebner, BS, Gerald Hodgkinson, PhD; Covidien

**ETP031 ABRASION ASSESSMENT OF STAPLE LINE REINFORCEMENT MATERIALS IN THE THORAX OF A CANINE** Michael Soltz, PhD, Ludovic Bouré, DVM, Clayton Ramey, DVM, Elizabeth Contini, BS, Dwight Bronson, MS, Tim Ebner, BS, Gerald Hodgkinson, PhD; Covidien

**ETP032 LOWER ESOPHAGEAL SPHINCTER (LES) ELECTRICAL STIMULATION IMPROVES SLEEP QUALITY AND WORK PRODUCTIVITY IN PATIENTS WITH REFRACTORY GERD.** Nicole Bouvy (1), Nicolaas F Rinsma (1), Alex Escalona (2), Jelle P Ruurda (3), Jose Conchillo (1), Arjan Bredenoord (4), Mark van berge Henegouwen (4), Philip Chiu (5), Michael Booth (6), Albis Hani (7), D N Reddy (8), Andre Smout (4), Justin Wu (5), Peter D Siersema (4); 1Maastricht Uni Med Ctr. 2Pontificia Uni Catolica de Chile. 3Uni Med Ctr Utrecht. 4Academic Med Ctr Amsterdam. 5Chinese Uni of Hong Kong. 6Waitemata Specialist Ctr Auckland NZ. 7Pontificia Uni Javeriana Bogota, COL. 8Asian Inst. of Gastro Hyderabad IN

**ETP033 DEVELOPMENT OF AN ULTRASONIC DEVICE WITH UP TO 7-MM VESSEL SEALING CAPACITY** Alissa L Welling, RVT, LATG, SRS, Karalyn R Tellio, MSE, Jeffrey W Clymer, PhD, Joseph F Amaral, MD, FACS; Ethicon Endo-Surgery, Inc.

**ETP034 AUGMENTED VISUALIZATION IN ROBOTIC BARIATRIC SURGERY TO ASSESS ANASTOMOTIC PERFUSION** Tomasz Rogula, MD, PhD, Tammy Fouse, DO, PGY; Cleveland Clinic, Cleveland Ohio; Affinity Medical Center, Massillon Ohio

**ETP035 A NEW ENDOLUMINAL PLATFORM FOR ENDOSCOPIC REMOVAL OF DIFFICULT COLONIC LESIONS: INITIAL CLINICAL EXPERIENCE.** Sergey V Kantsevov, MD, PhD, Marianne Bitner, CRNA, B R Liu, MD, PhD, Gregory Piskun, MD; University of Maryland School of Medicine, Mercy Medical Center, Baltimore, Maryland, USA

**ETP036 COMPARISON OF THE LONG-TERM HEALTH-RELATED QUALITY OF LIFE BETWEEN PERORAL ENDOSCOPIC MYOTOMY AND LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA** Mingtian Wei, MD, Hang Yi, MD, Zongguan Zhou, MD, Bing Hu, MD, Ziqiang Wang, MD; Department of Gastrointestinal Surgery, West China Hospital, Sichuan University

**ETP037 Withdrawn**

**ETP038 IMPROVING REACHING CRITICAL VIEW OF SAFETY IN LAPAROSCOPIC CHOLECYSTECTOMY WITH TEACHING INTERVENTIONS** Maj Nijssen, MD, Jmj Schreinemakers, MD, PhD, Gp van der Schelling, MD, Rmhp Crolla, MD, Am Rijken, MD, PhD; Department of Surgery, Amphia Hospital, Breda

**ETP039 EVALUATION OF EARLY WOUND HEALING IN GASTROJEJUNOSTOMIES AND COLOCOLOSTOMIES FORMED USING A NOVEL THREE ROW VARIABLE HEIGHT CIRCULAR STAPLER IN CANINES** Marisha L Godek, PhD, MS, Elizabeth Contini, Andrew Miesse, MS, Patrick Mozdierz, Michael Soltz, PhD, Dwight G Bronson, MS; Covidien Surgical Solutions

**ETP040 EVALUATION OF A WIRELESS HANDS-FREE SURGICAL POINTER FOR SURGICAL INSTRUCTION** K L Siroen, RVT, MLAT, S Hossain, B, MSc, C D W Ward, MSc, A L Trejos, PhD, R V Patel, PhD, PEng, FRSC, FCAE, FIEEE, FASME, FIET, FEIC, M D Naish, PhD, PEng, C M Schlachta, BSc, Hons, MD, CM, FRCSC, FACS; Lawson Health Research Institute, CSTAR (Canadian Surgical Technologies and Advanced Robotics), Western University, Department of Surgery, Department of Mechanical and Materials Engineering, Department of Electrical and Computer Engineering

**ETP041 A DIRECT MEASURE OF COPPER ABSORPTION IN HEALTHY VOLUNTEERS** Paul Tasker, FRCS, Joan Braganza, DSc, FRCP, Harbans Sharma, MSc, PhD, DSc; Manchester Royal Infirmary

**ETP042 COLOWRAP® BINDER REDUCES INSERTION TIME, USE OF ANCILLARY MANEUVERS, AND FREQUENCY OF PROLONGED INSERTIONS DURING COLONOSCOPY** James P Hathorn, Mark A Dubinski, MD, Marybeth Spanarkel, MD; ColoWrap, LLC, Durham, NC; Carolina GI Associates, Henderson, NC; Regional Gastroenterology Associates, Durham, NC

**ETP043 A NOVEL ANTIMICROBIAL COATED NON-CROSSLINKED ACELLULAR PORCINE DERMAL MATRIX INHIBITS IN VITRO METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) BIOFILM FORMATION.** Yuri W Novitsky, MD, Ryan A Liese, BS, MBA, Jeffrey R Scott, PhD; University Hospitals Case Medical Center, Brown University, C. R. Bard, Inc. (Daval)

**ETP044 A CLEAR VISION OF THE FUTURE THROUGH A DISRUPTIVE INNOVATION** James Ansell, MD, Neil Warren, Dr, Pete Wall, Dr, Kim Cocks, Dr, Stuart Goddard, Dr, Michael Stechman, Mr, David Scott-Coombes, Mr, Jared Torkington, Mr; Welsh Institute for Minimal Access Therapy, Cardiff, UK. University Hospital of Wales, Cardiff, UK.



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**ETP045 SAFETY AND EFFICACY OF POST-ANASTOMOTIC INTRAOPERATIVE ENDOSCOPY TO AVOID EARLY ANASTOMOTIC COMPLICATIONS DURING GASTRECTOMY FOR GASTRIC CANCER** Sang-Ho Jeong, Young-Joon Lee, Ju-Yeon Kim, Taejin Park, Sang-Kyung Choi, Soon-Chan Hong, Eun-Jung Jung, Young-tae Ju, Chi-Young Jeong, Woo-Song Ha, Ji-Ho Park\*; Gyeongsang National University, \*Seoul National University

**ETP046 APPLICATIONS OF GOOGLE GLASS IN SURGERY** Andrew Wright, MD, Amy Morris, MD, Heather Evans, MD, Jonathan Ilgen, MD, Andrew Mesher, MD, Michael Leviitt, MD; University of Washington

**ETP047 SENSORLESS FORCE ESTIMATION FOR A MOTORIZED SURGICAL GRASPER** Baoliang Zhao, Carl Nelson; Mechanical & Materials Engineering, University of Nebraska\_Lincoln

**ETP048 ENDOSCOPIC ASSISTED TRANS-GASTRIC AND COLORECTAL FULL THICKNESS RESECTIONS ARE ENABLED BY A NOVEL 5 MM SURGICAL STAPLER** Radu Pescarus, MD, Eran Shlomovitz, MD, Ahmed Sharata, MD, Maria Cassera, BS, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanson, MD; Providence Portland Medical Center and Gastrointestinal and Minimally Invasive Surgery Division, The Oregon Clinic, Portland, Oregon

**ETP049 DEVELOPMENT OF A VIRTUAL REALITY ELECTROSURGERY SKILLS TRAINER(VEST®) TO SUPPLEMENT FUSE** Brian F Allen, PhD, Jaisa Olasky, MD, Hussna Wakily, Daniel B Jones, MD, MS, Suvranu De, ScD, Steven Schwaitzberg, MD; Rensselaer Polytechnic Institute, Harvard Medical School

**ETP050 ASSESSMENT OF COGNITIVE LOAD DURING LAPAROSCOPIC SKILL PERFORMANCE WITH FUNCTIONAL NEAR-INFRARED SPECTROSCOPY** Elizabeth Gleeson, MD, MPH, Hasan Ayaz, PhD, Lucian Panait, MD, Andres Castellanos, MD, Catalin Copaesca, MD, PhD, Victor Tomulescu, MD, PhD; Drexel University College of Medicine, Dept of Surgery, Philadelphia, PA, Drexel University, School of Biomedical Engineering, Philadelphia, PA, Ponderas Hospital, Dept of Surgery, Bucharest, Romania, Fundeni Clinical Institute, Bucharest, Romania

**ETP051 THE USE OF AN ENDOSCOPIC FLUORESCENCE IMAGING SYSTEM TO ASSIST IN LIVER RESECTIONS** Chet W Hammill, MD, MCR, FACS, Cory Johnston, MD, Kevin Reavis, MD, FACS, Paul D Hansen, MD, FACS; The Oregon Clinic, Portland, OR

**ETP052 ENDOLUMINAL VACUUM THERAPY FOR IVOR-LEWIS ANASTOMOTIC LEAKS: A PILOT STUDY IN A SWINE MODEL** Rachel B Scott, DO, Laura H Rosenberger, MD, Lane A Ritter, MD, Amber L Shada, MD, Sanford H Feldman, DVM, PhD, Mark J Mentrikoski, MD, Daniel E Kleiner, MD; Western Connecticut Health Network, Department of Surgery; University of Virginia Health System, Department of Surgery

**ETP053 INTRACORPOREAL END-TO-SIDE ESOPHAGOJEJUNOSTOMY USING LAP-JACK : A NEW TYPE OF LAPAROSCOPIC PURSE-STRING SUTURE INSTRUMENT** Chang Min Lee, MD, Sang-Yong Son, MD, Do-Hyun Jeong, MD, Sang-Hoon Ahn, MD, Do Joong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Seoul National University Bundang Hospital

**ETP054 COMPARING VISUAL-SPATIAL TASK ABILITY USING MONOSCOPIC AND STEREOSCOPIC VIEWS IN MEDICAL DATA** Marisol Martinez Escobar, Bethany Junke, Joseph Holub, Eliot Winer, PhD; Iowa State University

**ETP055 USE OF PHOTOACOUSTIC IMAGING TO PREDICT VISCOELASTIC PROPERTIES OF HUMAN TISSUE** Seth Goldstein, MD, Behnoosh Tavakoli, PhD, Ralph Hruban, MD, Emad Bector, PhD, Michael Choti, MD, MBA; Johns Hopkins Departments of Surgery and Computer Science

**ETP056 SINGLE-SITE ROBOTIC CHOLECYSTECTOMY WITH INDOCYANINE GREEN FLUORESCENT CHOLANGIOGRAPHY: 72 CASES WITH NO COMPLICATIONS.** Despoina Daskalaki, MD, Mario Masrur, MD, Kristin Patton, MD, Francesco Maria Bianco, MD, Pier Cristoforo Giulianotti, MD, FACS; Department of Surgery, Division of Minimally Invasive and Robotic Surgery, University of Illinois Hospital and Health Sciences System

**ETP057 LIGATION OF THE APPENDIX WITH POLYMETRIC CLIPS** Lawrence E Tabone, MD, Dana Portenier, MD, Chan W Park, MD; Duke University

**ETP058 PERIOPERATIVE MANAGEMENT SOFTWARE: OR LIVE DATA** Henry Lin, MD, Ernest Lockrow, MD, Michael Szymaniak, RN, Jacques Clervil, PMP, ITILv, Michael Stany, MD; Walter Reed National Military Medical Center

**ETP059 REVISIONAL SLEEVE TO SLEEVE GASTRECTOMY UTILIZING OLYMPUS 3D ENDOSCOPY SYSTEM** Ragui Sadek, MD, FACS, Andrew M Wassef, BS; Rutgers-Robert Wood Johnson Medical School

**ETP060 DIABETES SEVERITY SCORE (DSS) : A USEFUL TOOL TO ASSESS THE SEVERITY OF DIABETES, SELECT THE APPROPRIATE SURGICAL PROCEDURE AND PREDICT THE REMISSION .** Surendra Ugale, MS, FALS; Kirloskar Hospital, Bashir Bagh, Hyderabad 500063

**ETP061 USE OF SMARTGLASSES TO OPTIMIZE DELIVERY OF PRE-OPERATIVE SURGICAL SAFETY CHECKLISTS** Michael Russo, MD, Ulysses Rosas, BA, Homero Rivas, MD, MBA; Stanford University School of Medicine

**ETP062 USE OF SMARTGLASSES FOR AUGMENTED REALITY BASED SURGICAL TRAINING** Michael Russo, MD, Ulysses Rosas, BA, Homero Rivas, MD, MBA; Stanford University School of Medicine

**ETP063 A NOVEL TOOL FOR MEETING INFECTION CONTROL RECOMMENDATIONS AND REDUCING RISKS OF ENVIRONMENTAL CROSS TRANSMISSION DURING ENDOSCOPIC GI PROCEDURES: THE ENDODRAPE ENDOSCOPY CONTAINMENT SYSTEMS** Thomas E Szymczak, PT, Safety, Consultant, President, Thomas J Small, MD, General, Surgeon, Medical, Director; Vortek Surgical, Indianapolis, IN

**ETP064 THE ENHANCED UTILITY OF LAPAROSCOPY IN TRAUMA** Srinivas H Reddy, MD, Melvin E Stone, MD, Jacquelyn Shaw, BS, Sheldon Teperman, MD, Harry M Delany, MD; Jacobi Medical Center - Albert Einstein College of Medicine

**ETP065 EARLY RESULTS OF USING INTEGRATED BIPOLAR AND ULTRASONIC ENERGY DEVICES IN LAPAROSCOPIC DONOR NEPHRECTOMY** Erica Sutton, MD, Kelsey Lewis, BS, Michael Hughes, Jr., MD, Patrick Bone, BS; Hiram C. Polk, Jr. Department of Surgery, University of Louisville School of Medicine, Louisville, KY; Olympus America, Incorporated, Center Valley, PA

**ETP066 LAPAROSCOPIC SIMULATOR** Ji Pierce, Kara Boatwright, Trevor Cowan, Lance Jones, Seth Munger, Zach Romney, Terri Bateman, Brady Woolford; Brigham Young University

**ETP067 DEVELOPMENT OF A LOW-COST, HIGH-RESOLUTION, OPEN-SOURCE LAPAROSCOPIC TRACKING PLATFORM** Brian Carrillo, Ahmed Nasr, Maevie O Trudeau, Ted Gerstle, Georges Azzie; Hospital for Sick Children, Children's Hospital of Eastern Ontario, University of Toronto

**ETP068 A NOVEL PATIENT POSITIONING DEVICE FOR IMPROVING COMFORT AND SAFETY DURING ENDOSCOPIC GI PROCEDURES** Thomas E Szymczak, PT; Vortek Surgical

## Emerging Technology Poster Listing

**ETP069 A NOVEL BIODEGRADABLE CLIP-BASED FASTENING DEVICE FOR ROBOTIC MINIMALLY INVASIVE SURGERY (MIS): NEXT GENERATION CONCEPT FOR ANASTOMOSIS BEYOND SUTURING AND STAPLING TOOLS.** J. Opfermann,

MS, A Krieger, PhD, Pcw Kim, MD, PhD; Sheikh Zayed Institute for Pediatric Surgical Innovation, Children's National Health System, Washington, D.C.

**ETP070 REDUCING STRAY ENERGY BURNS DURING LAPAROSCOPIC SURGERY** Jeffrey L Eakin; Pioneer Valley Hospital and Jordan Valley Medical Center



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## Video Channel

If you are staying at the Hilton City Center, Hotel Monaco or Marriott Downtown, the following videos can be viewed on your in-room TV. Please check with your hotel's front desk for specific channel.

**V042 THE LAPAROSCOPIC APPROACH TO SMALL BOWEL OBSTRUCTION** Edward L Felix, MD; Clovis Community Medical Center

**V043 LAPAROSCOPIC CONVERSION: VBG TO GASTRIC BYPASS** Edward L Felix, MD; Marian Hospital, Santa Maria California

**V044 LAPAROSCOPIC VERTICAL SLEEVE GASTRECTOMY (LVSG) IN A PATIENT WITH DILATED CARDIOMYOPATHY WITH A LEFT VENTRICULAR ASSIST DEVICE (LVAD)** Pornthep Prathanvanich, DO, Bipan Chand, DO; Loyola University Chicago Stritch School of Medicine

**V045 LAPAROSCOPIC APPROACH TO REPAIR A TYPE II ENDOLEAK FROM THE MEDIAN SACRAL VESSEL** François Julien, MD, FRCSC, Diana Losada, MD, FRCSC, Mireille Methot, MD, FRCSC, Amy Neville, MD, FRCSC, Jean Denis Yelle, MD, FRCSC, FACS; Minimally Invasive Surgery, Division General Surgery, The Ottawa Hospital, University of Ottawa

**V046 POST-LAPAROSCOPIC APPENDECTOMY SMALL BOWEL OBSTRUCTION: AN UNLIKELY CAUSE** Katherine Foley, MD, Christian Balabanoff, MD, Ala Stanford Frey, MD, FACS, FAAP; Abington Memorial Hospital

**V047 LAPAROSCOPIC REMOVAL OF HIATAL MESH** Grant O. Lee, MD, Hui Sen Chong, MD; Department of Surgery, University of Iowa Hospitals and Clinics

**V048 LAPAROSCOPIC BOCHDALEK HERNIA REPAIR** David A Santos, MD, Nina N Bowman, DO, Clifford C Eke, MD, FACS; Kaiser Permanente Southern California Fontana/Ontario Medical Center

**V049 LAPAROSCOPIC MANAGEMENT OF PERFORATED GASTRIC ULCERS AFTER GASTRIC BYPASS WITH A COMBINED LAPAROSCOPIC-ENDOSCOPIC TECHNIQUE** Benjamin Clapp, MD; Providence Memorial Hospital

**V050 Withdrawn**

**V051 INTUSSUSCEPTION FOLLOWING LAPAROSCOPIC ROUX-EN Y GASTRIC BYPASS** Lucas Beffa, MD, Mark Perna, MD, Roger A de la Torre, MD; University of Missouri - Columbia

**V052 LAPAROSCOPIC RESECTION OF BRUNNER'S GLAND ADENOMA OF THE DUODENUM** Agustin Duro, MD, Axel F Beskow, MD, Fernando G Wright, MD, Alfredo Amenabar, MD, Juan R Medici, MD, Demetrio Cavadas, MD; Hospital Italiano de Buenos Aires

**V053 TOTAL LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION WITH ROUX-EN-Y HEPATICOJEJUNOSTOMY. SAFE AND FEASIBLE TECHNIQUES AND TIPS IN PEDIATRIC AGE GROUP.** Sendhil Kumar, PhD, Latif Bagwan, Dr, Piyush Patwa, Dr, Deepu Thyagraj, Dr; Gateway Clinics. Coimabtoe. India

**V054 TRANSUMBILICAL SINGLE-ACCESS LAPAROSCOPIC LEFT ADRENALECTOMY FOR GIANT SYMPTOMATIC PHEOCROMOCYTOMA** Giovanni Dapri, MD, PhD, FACS, Viola Zulian, MD, Maria Bortes, MD, Perrine Mathonet, MD, Guy-Bernard Cadière, MD; European School of Laparoscopic Surgery, Brussels, Belgium

**V055 SINGLE INCISION TRANSUMBILICAL LAPAROSCOPIC BILATERAL INGUINAL HERNIA REPAIR (TEP)** Giovanni Dapri, MD, PhD, FACS, Leonardo Gerard, MD, Viola Zulian, MD, Maria Bortes, MD, Jean Bruyns, MD, Guy-Bernard Cadière, MD, PhD; European School of Laparoscopic Surgery, Brussels, Belgium

**V056 REDUCED PORT LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS WITH MANUAL GASTROJEJUNOSTOMY** Giovanni Dapri, MD, PhD, FACS; European School of Laparoscopic Surgery, Brussels, Belgium

**V057 RECURRENT INTUSSUSCEPTION- LAPAROSCOPIC CONVERSION OF LOOP GASTROJEJUNOSTOMY WITH SIDE TO SIDE ENTEROSTOMY TO ROUX Y CONFIGURATION** Daniel L Moon, MD; Kaiser Permanente Los Angeles Medical Center

**V058 LAPAROSCOPIC RADICAL LYMPHADENECTOMY WITH COMPLETE MESOCOLIC EXCISION FOR ADVANCED ASCENDING COLON CANCER NEAR THE HEPATIC FLEXURE** Dai Uematsu, Gaku Akiyama, Kouji Yamamoto, Akiko Magishi, Takehiko Sugihara; Saku Central Hospital

**V059 RE-DO LAPAROSCOPIC ASSISTED SURGERY FOR CROHN'S DISEASE** Shota Takano, MD, Natalia P Severino, MD, Giovanna DaSilva, MD, Steven D Wexner, MD, PhDHon, FACS, FRCS, FRCSEd; Department of Colorectal Surgery, Cleveland Clitic Florida

**V060 TRANSVAGINAL HYBRID-NOTES ANTERIOR RESECTION USING AN ARTICULATING HD 3D LAPAROSCOPIC SURGICAL VIDEO SYSTEM** Sebastian H Lamm, MD, Andreas Zerz, MD, Daniel C Steinemann, MD; Cantonal Hospital Baselland, Department of Surgery, CH-4101 Bruderholz, Switzerland

**V061 CONVERSION OF LAPAROSCOPIC ADJUSTABLE GASTRIC BAND REMOVAL TO LAPAROSCOPIC SLEEVE GASTRECTOMY: A TWO STEP PROCEDURE** Ryan C Broderick, MD, Cristina R Harnsberger, MD, Catherine Beck, MD, Alberto S Gallo, MD, Hans F Fuchs, MD, Martin A Berducci, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; Department of Minimally Invasive Surgery, University of California San Diego

**V062 LAPAROSCOPIC MESH REPAIR OF POST-TRAUMATIC COMPLEX SUPRAPUBIC AND BILATERAL INGUINAL HERNIAS** Bestoun Ahmed, MD, FRCSC, Chester Royals, MD, Ziad Awad, MD, Michael Nussbaum, MD, FACS; University of Florida College of Medicine, Jacksonville

**V063 CONCURRENT LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR WITH SUBTOTAL GASTRECTOMY AND D2 LYMPHADENECTOMY** Carmen L Mueller, MD, Lorenzo E Ferri, MD, PHD; Montreal General Hospital, McGill University Health Centre

**V064 PETERSEN'S SPACE HERNIA AFTER GASTRIC BYPASS IN A PREGNANT PATIENT** Milan Ernjakovic, MD, FRCSC, John Hagen, MD, FRCSC; University of Toronto, Humber River Regional Hospital, Toronto, Canada

**V065 ROBOT ASSISTED MANAGEMENT OF COMPLEX CHOLEDOCHOLITHIASIS USING HOLIMUM LASER** Omaira Rodriguez, MD, Renata Sanchez, MD, Luis Medina, MD, Oriana Salamo, MD, Valentina Baez, MD, Alexis Sanchez, MD, MSc; ROBOTIC SURGERY PROGRAM - UNIVERSITY HOSPITAL OF CARACAS, ROBOTIC AND MINIMALLY INVASIVE SURGERY CENTER - LA FLORESTA MEDICAL INSTITUTE

**V066 LAPAROSCOPIC TRANSGASTRIC NECROSECTOMY FOR INFECTED PANCREATIC NECROSIS** David J Worhunsky, MD, Monica M Dua, MD, Jeffrey A Norton, MD, Brendan C Visser, MD; Stanford University Medical Center

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**V067 SEROMYOTOMY AS A TREATMENT OPTION AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY** Abraham Betancourt, MD, Armando Rosales-Velderrain, MD, Fernando Dip, MD, Charles Thompson III, MD, Emanuele Lo Menzo, MD, PhD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

**V068 LAPAROSCOPIC REPAIR OF LUMBAR HERNIA WITH PARIETEX MESH USING QUILLS SUTURE.** Fernando Dip, MD, Hira Ahmad, MD, Emanuele Lo Menzo, MD, PhD, FACS, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; SAMS; Cleveland Clinic Florida

**V069 ENDOSCOPIC MANAGEMENT OF SILASTIC RING GASTRIC EROSION** Juan P Toro, MD, Nathaniel W Lytle, MD, Ankit D Patel, MD, S. Scott Davis Jr., MD, Edward Lin, DO, MBA; Department of Surgery, Emory University. Atlanta, GA

**V070 ENDOSCOPY ASSISTED LAPAROSCOPIC INTRAGASTRIC SURGERY FOR STROMAL TUMOR** Hussein Wissanji, MD, Jean-Pierre Gagné, MD; University Laval

**V071 ENDOSCOPIC ULTRASONOGRAPHY GUIDED-GALLBLADDER STENTING AND INTERVENTIONS** Anthony Y Teoh, FRCSed, Gen, Philip W Chiu, FRCS, Ed, Enders K Ng, FRCS, Ed; Prince of Wales Hospital, Chinese University of Hong Kong

**V072 TECHNICAL AND TECHNOLOGICAL INNOVATIONS OF PURE LAPAROSCOPIC HEPATECTOMY, ESPECIALLY FOR THE TUMOR LOCATED ANTEROSUPERIOR AND POSTERIOR SEGMENTS.** Tetsuo Ikeda, MD, PhD, M Tomikawa, MD, PhD, T Iguchi, MD, PhD, Y Yamashita, MD, PhD, T Ikegami, MD, PhD, H Uchiyama, MD, PhD, A Oshita, MD, PhD, T Yoshizumi, MD, PhD, Y Soejima, MD, PhD, M Ninomiya, K Shirabe, MD, PhD, Y Maehara; Tel:092-642-5462Fax:092-642-5482Kyushu University

**V073 LOOP-AND-LET-GO TECHNIQUE FOR COLONIC OBSTRUCTING LIPOMA AND TRANSANAL ENDOSCOPIC MICROSURGERY FOR RECTAL NEOPLASM WITH SENTINEL LYMPH NODE BIOPSY.** Alberto Arezzo, MD, Mauro Verra, MD, Alessandro Salvai, MD, Marco A Bonino, MD, Simone Arolfo, MD, Mario Morino, MD; Department of Surgical Sciences, University of Torino

**V074 LAPAROSCOPIC ENUCLEATION OF NEAR CIRCUMFERENTIAL GE JUNCTION LEIOMYOMA** Yurena Caballero, MD, Ruchir Puri, MBBS, Steven P Bowers, MD; Mayo Clinic Florida, Hospital Universitario Insular de Gran Canaria

**V075 LAPAROSCOPIC TRANSGASTRIC SUBMUCOSAL MASS RESECTION** Ashwini Kumar, MD, Kent Van Sickle; UTHSCSA

**V076 REDUCTION OF PARAESOPHAGEAL HERNIA AFTER SLEEVE GASTRECTOMY** Laura Doyon, MD, Subhash Kini, MD, FRCS, Daniel Herron, MD, FACS; Mount Sinai Hospital, New York, NY

**V077 LAPAROSCOPIC ESCHAR MYOTOMY FOR ESOPHAGEAL STRICTURE FOLLOWING A TIF (TRANSORAL INCISIONLESS FUNDOPPLICATION) MICROPERFORATION** Ruchir Puri, MD, Steven P Bowers, MD; Mayo Clinic, Florida

**V078 LAPAROSCOPIC PARTIAL SLEEVE DUODENECTOMY FOR GASTRINOMA** Ruchir Puri, MD, John A Stauffer, MD, FACS, Horacio J Asbun, MD, FACS; Mayo Clinic, Florida

**V079 CANCER OF THE BODY OF PANCREAS: TECHNIQUES FOR LAPAROSCOPIC DISTAL PANCREATECTOMY IN THE SETTING OF SEVERE INFLAMMATION** Thomas Schnellrdorfer; Lahey Hospital & Medical Center

**V080 ROBOTIC-ASSISTED RE-DO GASTROJEJUNOSTOMY FOR A GIANT ULCER** Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Elli, MD; FACS; University of Illinois at Chicago

**V081 ROBOTIC ADRENALECTOMY OF GIANT PHEOCHROMOCYTOMA** Alexander Ramirez Valderrama, MD, Robert M Dickanson, MD, Gerald J Wang, MD; New York Hospital Queens

**V082 LAPAROSCOPIC REMOVAL OF A MASSIVE SPLEEN** Alisa M Coker, MD, Joslin Cheverie, MD, Ryan C Broderick, MD, Cristina R Harnsberger, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; University of California San Diego

**V083 LAPAROSCOPIC LEFT HEPATECTOMY FOR GIANT SYMPTOMATIC HEMANGIOMA** C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, S Rajapandian, MS, FRCS; GEM Hospital & Research Centre

**V084 LAPAROSCOPIC RIGHT HEPATECTOMY FOR HEPATOMA IN A CHILD A CIRRHOTIC PATIENT** C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, P Praveen Raj, MS, R Parthasarathi, MS, R Sathiyamurthy, MS, Kn Paramesh, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

**V085 LAPAROSCOPIC RADICAL RIGHT HEMICOLECTOMY WITH COMPLETE MESOCOLIC EXCISION** C Palanivelu, MS, MCh, FACS, S Rajapandian, MS, R Parthasarathi, MS, P Senthilnathan, MS, FACS, P Praveen Raj, Ms, P S Rajan, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

**V086 HIATAL HERNIA REPAIR USING AN INNOVATIVE CRURAL CLOSURE DEVICE: THE CRURALINK TM** Bernard Dallemagne, MD, Silvana Perretta, MD, Jacques Marescaux, MD; IRCAD, Department of Digestive and Endocrine Surgery, University of Strasbourg, France

**V087 LAPAROSCOPIC LIVING-RELATED ORTHOTOPIC GALLBLADDER TRANSPLANT** K W Kercher, MD, K W Kercher, MD, J F Bradley, MD, B T Heniford, MD; Carolinas Medical Center

**V088 MANAGEMENT OF CONCURRENT GASTRIC AND ESOPHAGEAL RUPTURE FOLLOWING BALLOON DILATION FOR SLEEVE GASTRECTOMY STENOSIS** Zhamak Khorgami, MD, FICS, Chi Zhang, MD, Bassan J Allan, MD, MBA, Nestor F De La Cruz-Munoz, MD, FACS, FASMB; Division of Laparoendoscopic and Bariatric Surgery, The DeWitt Daughtry Family Department of Surgery, Miller School of Medicine-University of Miami

**V089 LAPAROSCOPIC TREATMENT OF MEDIAL ARCUATE LIGAMENT SYNDROME** Clayton C Petro, MD, Michael J Rosen, MD, Yuri W Novitsky, MD; University Hospitals Case Medical Center

**V090 EXTRA-GLISSONIAN MASS LIGATION OF THE LEFT PORTAL PEDICLE DURING LAPAROSCOPIC LEFT HEPATECTOMY** Cory Johnston, MD, Pippa Newell, MD, Chet Hammill, MD, Ronald Wolf, MD, Paul Hansen; Providence Portland Cancer Center, The Oregon Clinic, Foundation for Surgical Innovation and Education

**V091 LAPAROSCOPIC SUBTOTAL PANCREATECTOMY: THE RIGHT EDGE OF THE DISTAL RESECTION** F Marchesi, MD, PhD, F Tartamella, MD, S Cecchini, MD, C.r. Ferrone, MD; Clinica chirurgica generale, Università degli studi di Parma, Italy

**V092 WITHDRAWN ;**

**V093 LAPAROSCOPIC REPAIR OF BANDED GASTRIC BYPASS POUCH OBSTRUCTION** Ray King, MD, PhD, Sean Lee, MD, Amy Biedenbach, MS, PAC, Brian Lane, MD, FACS; Medical College of Georgia, Georgia Regents University

**V094 ROBOTIC MEDIASTINAL DISSECTION IN THE 3 FIELD RADICAL ESOPHAGECTOMY** Mario Masrur, MD, Antonio Gangemi, MD, Kristin Patton, MD, Despoina Daskalaki, MD, Pier Giulianotti, MD, FACS; University of Illinois at Chicago, Chicago, Illinois, USA.



## Video Channel

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**V095 ROBOTIC-ASSISTED RESECTION OF A RIGHT RENAL HILUM TUMOR** Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Elli, MD, FACS, Shin-E Wang; University of Illinois at Chicago

**V096 THROUGH ONE HOLE TO FIX ANOTHER: TRANSGASTRIC VENTRAL HERNIA REPAIR IN A PORCINE MODEL** Rebecca Kowalski, MD, John Romanelli, MD, David Desilets, MD, David Earle, MD; Baystate Medical Center, Tufts University School of Medicine

**V097 SPLEEN PRESERVING LAPAROSCOPIC DISTAL PANCREATECTOMY** Francesco Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Antonio Burza, MD, Pietro Delle Site, MD; Department of Surgery, Colorectal Surgical Unit. San Giovanni Addolorata Hospital - Rome

**V098 TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS) RESECTION OF EARLY RECTAL CANCER** Francesco Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Pietro Delle Site, MD, Ettore Santini, MD; Department of Surgery, Colorectal Surgical Unit. San Giovanni Addolorata Hospital - Rome

**V099 LAPAROSCOPIC ASSISTED TRANS-ENTERIC ENDOSCOPIC RETROGRADE CHOLANGIOGRAM VIA ROUX LIMB FOR PRIMARY HEPATOLITHIASIS** Paige Quintero, MD, Siddharth Kudav, MD, Hammoud Ghassan, MD, Roger de la Torre, MD; University of Missouri

**V100 ROBOT-ASSISTED LAPAROSCOPIC TOTAL GASTRECTOMY** Mario Masrur, MD, Kristin Patton, MD, Jean Pierre Martucci, MD, Raquel Gonzalez-Heredia, MD, Fernando E Elli, MD, FACS; University of Illinois at Chicago, Chicago, Illinois, USA.

**V101 TREATMENT OF GASTRIC TORSION AFTER SLEEVE GASTRECTOMY.** Anthony M Gonzalez, MD, FACS, FASMB, Christian Hernandez Mucia, MD, Pedro E Garcia Quintero, MD, Rey Romero, MD, Charan Donkor, MD, Jorge R Rabaza, MD, FACS, FASMB; Baptist Health South Florida

**V102 LAPAROSCOPIC REPAIR OF A HIATAL HERNIA FOLLOWING MINIMALLY INVASIVE ESOPHAGECTOMY** Michael Pucci, MD, Mohamed Elgamal, MD, Kathleen Holoyda, MD, Francesco Palazzo, MD, FACS, Karen Chojnacki, MD, FACS, Ernest Rosato, MD, FACS; Thomas Jefferson University

**V103 LAPAROSCOPIC FLANK HERNIA REPAIR** Jonathan P. Dean, MD, Bruce Ramshaw, MD, FACS; Halifax Health, Advanced Hernia Solutions

**V104 TREATMENT OF ESOPHAGEAL PERFORATION AFTER HELLER MYOTOMY** Martin A Berducci, MD, Jorge Nefa, MD, Pablo A Gomez, MD, Arnoldo Castro, MD, Mario A Masrur, MD, Santiago Horgan, MD, Pablo E Omelanczuk, MD; Hospital Italiano de Mendoza, Argentina

**V105 ROBOTIC-ASSISTED CONVERSION FROM GASTRIC BAND TO ROUX-EN-Y GASTRIC BYPASS** Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Elli, MD, FACS; University of Illinois at Chicago

**V106 CAN SINGLE ANASTOMOSIS POST PYLORIC BYPASS OR LOOP DUODENAL SWITCH BE THE BARIATRIC OPERATION OF THE FUTURE?** Roslin Mitchell, MD, FACS, Andrew R Brownlee, MD, Yuriy Dudy, MD; Lenox Hill Hospital

**V107 LAPAROSCOPIC DISTAL GASTRECTOMY WITH BILLROTH I RECONSTRUCTION** John H Rodriguez, MD, Kevin M El-Hayek, MD, Andrea Zelisko, MD, Matthew Kroh, MD; Cleveland Clinic Foundation

**V108 HELLER MYOTOMY IN PATIENT WITH PRIOR ROUX-EN-Y GASTRIC BYPASS** John-Paul Bellistri, MD, Aida Taye, MD, Mujjahid Abbas, MD, Diego Camacho, MD; Montefiore Medical Center

**V109 ENDOSCOPIC TREATMENT OF ANASTOMOTIC LEAKAGE AFTER GASTRIC BYPASS SURGERY AND A LATER OCCURRING CARDIAL STRICTURE** Maria Bergstrom, MD, PhD, Bo Erlandsson, MD, Per-Ola Park, Professor; Dept of Surgery, South Alvsborg Hospital, Boras, Sweden & Gothenburg University, Gothenburg, Sweden

**V110 LAPAROSCOPIC-ROBOTIC IVOR-LEWIS ESOPHAGECTOMY WITH FLUORESCENCE IMAGING** Amie Miller, MD, Jose Rodriguez, MD, Minia Hellan, MD; Wright State University

**V111 LAPAROSCOPIC HEPATICOJEJUNOSTOMY AFTER STRASBERG E4 BILE DUCT INJURY.** Adolfo Cuendis, MD, Carlos Morales, MD, Martin Rojano, MD; Hospital General Dr Manuel Gea González

**V112 LAPAROSCOPIC MORGAGNI HERNIA REPAIR** Adrian Park, MD, FACS, Courtney Doyle, MD; Anne Arundel Medical Center, Annapolis, Maryland

**V113 TOTALLY LAPAROSCOPIC RIGHT HEPATIC LOBECTOMY** Dilendra H Weerasinghe, MD, MRCSEd, MRCS, Glasg, Bestoun Ahmed, MD, Ziad Awad, MD, FACS, FRCSI; Department of Surgery University of Florida College of Medicine Jacksonville

**V114 LAPAROSCOPIC REPAIR OF A MISSED TRAUMATIC RIGHT DIAPHRAGMATIC HERNIA CONTAINING COLON AND LIVER** B. Fernando Santos, MD, Thadeus L Trus, MD; Dartmouth-Hitchcock Medical Center, Department of Surgery, Lebanon, NH

**V115 LAPAROSCOPIC REPAIR OF POST TRAUMATIC DIAPHRAGMATIC HERNIA** John-Paul Bellistri, MD, Edward Kwon, MD, Ajay Chopra, MD; Jacobi Medical Center

**V116 MINIMALLY INVASIVE MANAGEMENT OF MULTIPLE FAILED NISSEN FUNDOPLICATIONS IN THE OBESE PATIENT** Jeffrey Mino, MD, MPH, Mihir Shah, MD, Rosebel Monteiro, MD, Kevin El-Hayek, MD; Cleveland Clinic Foundation

**V117 TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS) FOR FULL-THICKNESS EXCISION OF AN UPPER RECTAL NEOPLASM, REQUIRING LAPAROSCOPIC ASSISTANCE FOR SUTURE CLOSURE OF A PERITONEAL VIOLATION.** Beatriz Martin-Perez, MD, Francisco Quinteros, MD, Henry Schoonyoung, MD, Lawna Hunter, BA, George Nassif, DO, Matthew Albert, MD, FACS, FASCRS, Sam Atallah, MD, FACS, FASCRS; Florida Hospital

**V118 SINGLE PORT SLEEVE GASTECTOMY. STEP BY STEP. A SINGLE GROUP EXPERIENCE** Jeronimo Monterrubio, MD, Miguel A Zapata, MD, Julio C Gallardo, MD, Luis A Zavala, MD, Marco A Juarez, MD, Ulises Caballero, MD, Christian Cussin, MD, Enrique Cedillo, MD, Eduardo Ahumada, MD, Aurora Linares, RN; CHRISTUS MUGUERZA - UDEM

**V119 LAPAROSCOPIC DUODENO-JEJUNOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME** Kartik Gohil, MD, Maria Altieri, MD, Gerald Gracia, MD, Dana Telem, MD, Aurora Pryor, MD; Stony Brook University Medical Center/State University of New York

**V120 SMALL BOWEL OBSTRUCTION SECONDARY TO GASTRIC BAND EROSION AND MIGRATION TO JEJUNUM** Matt Strickland, MD, BAsC, Dan Abramowitz, MD, John Hagen, MD, David Starr, MD; University of Toronto

**V121 LAPAROSCOPIC RESECTION OF A DUODENAL MASS** Clayton Petro, MD, Yuri W Novitsky, MD; University Hospitals Case Medical Center

**V122 LAPAROSCOPIC REPAIR OF LATE HIATAL HERNIAS(>2YEARS) AFTER TRANSHIATAL ESOPHAGECTOMY** Oscar M Crespin, M, D, Brant K Oelschlager, M, D, Carlos A Pellegrini, M, D; University of Washington Medical Center

## Video Channel

### **V123 LAPAROSCOPIC RETRO-CAVAL TUMOR EXCISION**

Angela Osmolak, MD, Piyush Aggarwal, MD, Kulsoom Laeeq, MD, Robert Fitzgibbons, MD, Tommy Lee, MD, Sumeet Mittal, MD, Kalyana Nandipati, MD; Creighton University Medical Center

### **V124 LAPAROSCOPIC RESECTION OF EPIPHRENIC**

**DIVERTICULUM** Kartik Gohil, MD, Maria Altieri, MD, Gerald Gracia, MD, Dana Telem, MD, Aurora Pryor, MD; Stony Brook University Medical Center/State University of New York

### **V125 LAPAROSCOPIC WHIPPLE PROCEDURE**

Dilendra H. Weerasinghe, MD, Bestoun Ahmed, MD, Ziad Awad, MD, FACS, FRCSI; University of Florida-Department of Surgery

### **V126 LAPAROSCOPIC RESECTION OF EPIPHRENIC**

**DIVERTICULUM** Michael J Pucci, MD, Mohamed Elgamal, MD, Megan Lundgren, BS, Ernest L Rosato, MD, Francesco Palazzo, MD, Karen A Chojnacki, MD; Thomas Jefferson University

### **V127 LAPAROSCOPIC PLACEMENT OF GASTRIC ELECTRICAL STIMULATOR FOR GASTROPARESIS**

Billy Y Lan, MD, Matthew Kroh, MD, Bipan Chand, MD, Kevin El-Hayek, MD; Loyola School of Medicine; Cleveland Clinic Foundation

### **V128 LAPAROSCOPIC ESOPHAGEAL SALVAGE FOR PERFORATIONS AFTER SURGICAL AND ENDOSCOPIC TREATMENT OF ACHALASIA -- A CASE SERIES**

Victor T. Wilcox, MD, Albert Y Huang, MD, Patrick R Reardon, MD, FACS, Brian J Dunkin, MD, FACS; The Methodist Institute for Technology, Innovation and Education (MITIE)

### **V129 CYSTOJEJUNOSTOMY-AN IDEAL TREATMENT FOR PANCREATIC PSEUDOCYST LOCATED DISTANT TO THE STOMACH**

C Palanivelu, MS, MCh, FACS, P Sethilnathan, MS, R Parthasarathi, MS, P Praveen Raj, MS, Vp Nalankilli, MS, S Sumonth, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

### **V130 DUODENO-JEJUNOSTOMY FOR ANNULAR**

**PANCREAS** C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, R Parthasarathi, MS, P Praveen Raj, MS, P S Rajan, MS, S Bansal, MS, V P Nalankilli, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

### **V131 LAPAROSCOPIC REPAIR OF FORAMEN OF WINSLOW**

**HERNIA** George DeNoto, MD, Shabana Perveen, MD, Shelish Garg, MD; Northshore -LJ Hofstra University Health system.

### **V132 ENDOSCOPIC TREATMENT OF WEIGHT REGAIN AFTER ROUX-EN-Y GASTRIC BYPASS (RYGB): USE OF ARGON PLASMA COAGULATION (APC) IN THE GASTRO-JEJUNAL ANASTOMOSIS.**

Jh Felicio De Lima, PhD, Prof, Gap Baretta, PhD, Jm Campos, PHD, M Galvao Neto, MD; ENDOBATEL - Advanced Digestive Endoscopic Center - Hospital Vita Batel in Curitiba - Brazil



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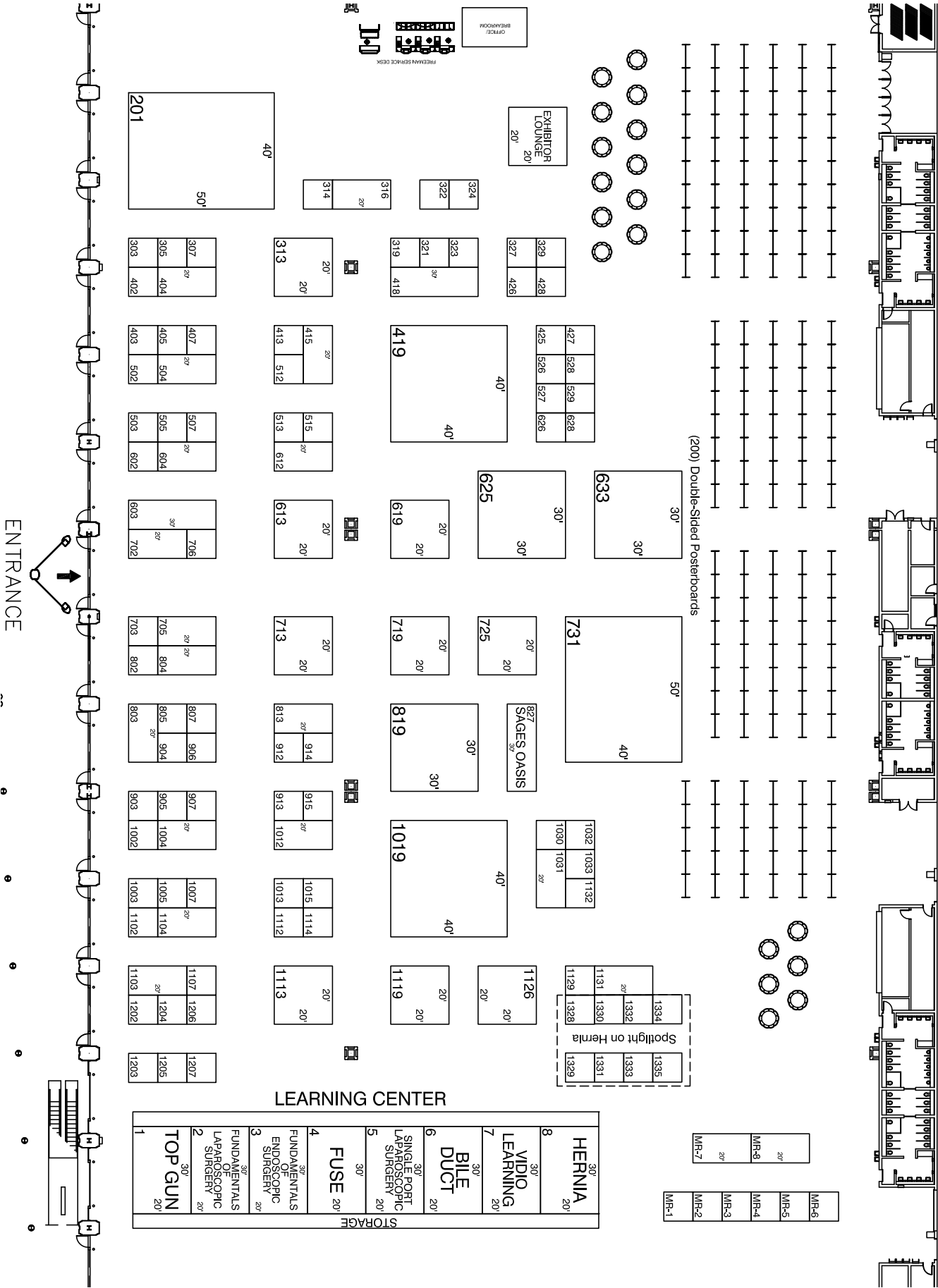




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# Exhibit Hall Floor Plan





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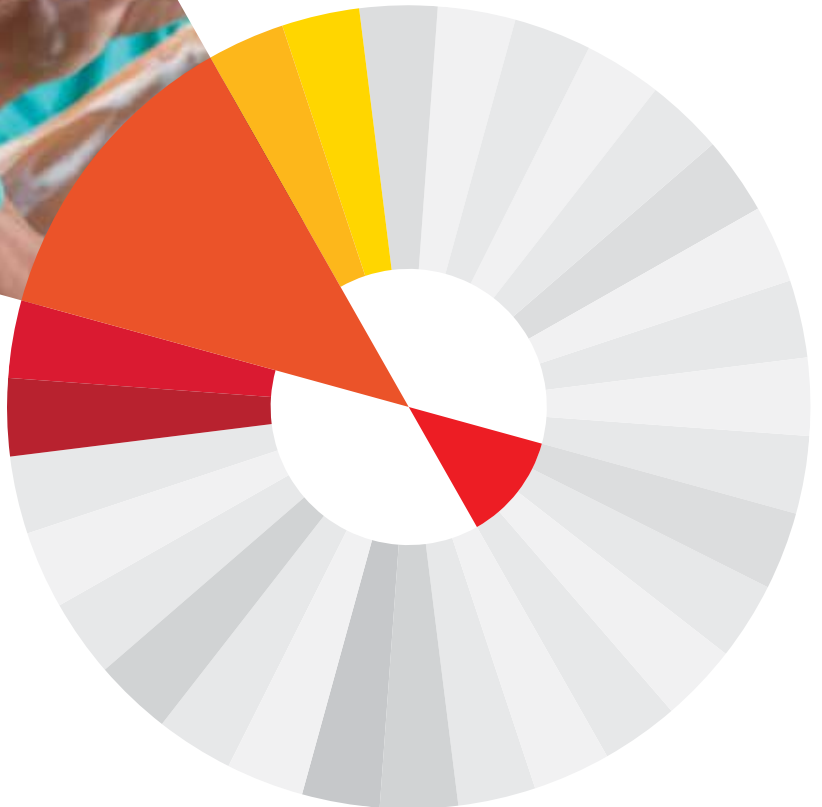
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