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<tr>
<td>64</td>
<td>SS14: SAGES Got Talent - Resident &amp; Fellow Scientific Session</td>
</tr>
</tbody>
</table>

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**Friday, March 24, 2017**

- Medical Student Townhall
- SS15 Plenary 1
- Presidential Address - Daniel J. Scott, MD
- Gerald Marks Lecture - H. Jaap Bonjer, MD
- Your Session: Management of Complications of Bariatric Surgery
- Refreshment Break/Morning Mimosas in the Exhibit Hall
- SS16 Exhibit Hall Video Presentations Session 1
- Panel: Finishing Residency, I'm Done! Now What?
- The Devil is in the Details Session: Laparoscopic Hartman’s Reversal and Laparoscopic Lavage
- The Devil is in the Details Session: Treatment of Recurrent Achalasia
- Your Session: Abdominal Wall Hernia
- SS17 Endoscopy Video Session
- SS18 Foregut 2
- Fellowship Council Luncheon "Ensuring Competency Through Fellowship Training: Frameworks for Success"
- Eat & Greet Lunch in the Exhibit Hall for All Attendees
- SS19 Exhibit Hall Video Presentations Session 2
- Let's Do Lunch - Gastric, Pancreas, Gallbladder/ERCP & Rectal Tables
- Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers
- AHPBA Joint Panel: Contemporary Themes in Minimally Invasive Pancreatic Surgery
- Panel: Endoscopic and Laparoscopic Enteral Access - How to Do It and How to Treat Complications
- Panel: Global Surgery
- Video Face-Off Panel: Lap Right Colon
- SS20 Bariatric Video Session
- SS21 Acute Care Surgery
- SS22 Exhibit Hall Video Presentations Session 3
- ASCRS Joint Panel - Laparoscopy for IBD
- EAES Joint Panel: Cutting Edge Minimally Invasive Surgeon in Europe
- The Devil is in the Details Session: Re-Do Anti-Reflux Surgery
- Video Face-Off Panel: Distal Pancreatectomy
- Your Session: GERT and Achalasia
- SS23 Hernia Video Session
- Panel: Robotic Surgery - New Platforms and Strategies to Overcome the Learning Curve
- SSAT Joint Panel: Incidental GI Findings during Surgery
- SS24 Hernias: Inguinal and Robotics
- SS25 Biliary Video Session
- SS26 Education Technology, Teaching and Learning
- SS27 MIS - Cool Stuff
- Candidate Networking Townhall
- Meet the Leadership Reception for Residents, Fellows & New Members
- SAGES Gala: The Main Event & International Sing-Off

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**Saturday, March 25, 2017**

- Postgraduate Course: Fundamental Use of Surgical Energy
- SAGES/AGA Joint Session: Shark Tank
- Session: Wild Cases presented in the Wild West
- SS28 Robotic Video Session
- SS29 Bariatric Surgery - Sleeves, Conversions and More
- SS30 Colorectal Video Session
- SS31 Solid Organ Video Session
- Panel: Managing Adults with Congenital Surgical Anomalies
- Session: Emerging Technology, Teaching and Learning
- ASGE Joint Panel: Endoscopic Management of Colon Lesions
- Panel: Complications - Ooops! When Things Go Wrong
- SS32 Colonrectal 2
- Masters Series: AHS Joint Session – Ventral Hernia
- SS33 Plenary 2
- SS34 Case Presentations
- SS35 Foregut 3
- SS36 Minimally Invasive Surgery - World Tour
- ASE Joint Panel: Tools for the Surgical Educator
- SAGES Mini-Medical School Boot Camp for HS Students
- 2017 Learning Center
- SAGES Invited Faculty
- SAGES Faculty and Presenter Disclosures
- Video Loop Lounge
- Posters
- Exhibit Hall Floor Plan
- Exhibitor Listing
General Information

Surgical Spring Week
Location
George R. Brown Convention Center - 3rd Level
1001 Avenida De Las Americas, Houston, TX 77010
Onsite Phone: 713-853-8409

Hosted By
Society of American Gastrointestinal and Endoscopic Surgeons (SAGES)
11300 W. Olympic Blvd., Suite 600
Los Angeles, CA 90064
Phone: 310-437-0544
Fax: 310-437-0585
Email: sagesweb@sages.org
Web: www.sages.org
Twitter: @SAGES_Updates

SAGES is managed by
BSC Management, Inc
Phone: 310-437-0555, ext. 101
Email: info@bscmanage.com
Web: www.bscmanage.com

A Gentle Reminder
About Safety/Security:
We have taken every precaution to assure the safety and security of our guests and their possessions. However, we urge you to be aware and take simple steps to guard your possessions.
- Do not leave your purse or briefcase unattended.
- Do not leave your iPad, laptop, phone or other electronic devices on the floor or out of your sight in a darkened room.
- Be aware of your surroundings, in the convention center, in and around the downtown Houston area.

Have a safe & secure meeting!

Convention Center
First Aid & Mother’s Nursing Room
Located on 3rd Level, across from rooms 342AD.

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, March 21, 2017</td>
<td>12:00 PM - 5:00 PM</td>
</tr>
<tr>
<td>Wednesday, March 22, 2017</td>
<td>6:30 AM - 6:30 PM</td>
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<td>Thursday, March 23, 2017</td>
<td>6:30 AM - 5:30 PM</td>
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<td>Friday, March 24, 2017</td>
<td>6:30 AM - 5:30 PM</td>
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<tr>
<td>Saturday, March 25, 2017</td>
<td>7:00 AM - 2:00 PM</td>
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</tbody>
</table>

Exhibits & Posters Dates & Hours -

<table>
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<tr>
<th>Date</th>
<th>Hours</th>
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<td>Wednesday, March 22 Opening Reception:</td>
<td>5:30 pm - 7:30 pm</td>
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<tr>
<td>Thursday, March 23</td>
<td>10:00 am - 4:00 pm</td>
</tr>
<tr>
<td>Friday, March 24</td>
<td>10:00 am - 4:00 pm</td>
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<tr>
<td>Saturday, March 25</td>
<td>CLOSED</td>
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</tbody>
</table>

Exhibits Location: George R. Brown Convention Center - 3rd Level – Exhibit Hall A3.

Speaker Prep Room Hours
Room: 330

<table>
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<tr>
<th>Date</th>
<th>Hours</th>
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<tr>
<td>Tuesday, March 21</td>
<td>8:00 am - 5:00 pm</td>
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<tr>
<td>Wednesday, March 22 - Friday, March 24</td>
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<tr>
<td>Saturday, March 25</td>
<td>6:00 am - 2:30 pm</td>
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Getting Around
For transportation options visit https://www.visithoustontexas.com/travel-planning/maps-and-transportation/houston-airports/

SAGES Shuttles
Hand On Courses
Shuttle pickup front of Hilton Americas Hotel; one hour prior to the courses.
- Wednesday, March 22 pickup at 12:30 PM to MITIE for Endo/Robot
- Thursday, March 23 pickup at 11:30 AM to MITIE for ADOPT

Main Event at Space Center Houston
- SAGES buses will begin loading from inside Hall E ground level of the Convention Center at 6:30 PM. The final bus departure to the Space Center will be around 7:30 PM. You must present your badge (reg group A) or ticket (reg group B/C/D) at the Space Center door. The final bus returning to the Convention Center will depart the Space Center around 11:30 PM.

Thanks to our 2017 Meeting Supporters:

**Diamond**

Stryker Endoscopy

**Platinum**

Intuitive Surgical • Karl Storz Endoscopy

Medtronic • Olympus Corporation of the Americas

**Gold**

Ethicon

**Silver**

Boston Scientific • Mederi Therapeutics

@SAGES_Updates www.facebook.com/SAGESSurgery
SAGES 2017 – “SAGES is Home: Collaborate, Communicate, Connect”

Improving health and health care quality can occur only if all sectors, individuals, family members, payers, providers, employers, and communities, make it their mission. SAGES aligns to the National Quality Strategy developed by the AHRQ by using Learning and Technical Assistance to improve health care quality. Look for these icons next to courses and sessions in this Final Program.

**National Quality Strategy Priorities**

- **Patient Safety** – Making care safer by reducing harm caused in the delivery of care.
- **Person and Family-Centered Care** – Ensuring that each person and family are engaged as partners in their care.
- **Effective Communication and Care Coordination** – Promoting effective communication and coordination of care.
- **Prevention and Treatment of Leading Causes of Mortality** – Promoting the most effective prevention and treatment practices for the leading causes of mortality.
- **Health and Well-Being** – Working with communities to promote wide use of best practices to enable healthy living.
- **Affordable Care** – Making quality care more affordable for individuals, families, employers, and governments by developing and spreading new health care delivery models.

**Unique features of the SAGES 2017 Meeting**

- **ALL NEW!** The “Your Sessions” showcase lecture titles selected by you, the membership at large, and will include presentations on issues that are relevant to you and your daily practice.
- **ALL NEW!** The “SAGES Video Face-Off” featuring pre-recorded video sessions from experts showing differences in how they perform procedures. The experts will be on the panel.
- **ALL NEW!** The “Devil is in the Details” sessions are an in-depth look at various common procedures with surgical tips and tricks by experts.
- **ALL NEW! “Let’s do Lunch”** no need for a professor at lunch! For a small fee you will have lunch with your peers and find out in an open discussion, what they’re doing in your areas of interest. Each table will be divided by subject matter for a conversation among during lunch.
- Immerses yourself in one of our comprehensive postgraduate courses.
- **IT’S BACK! The SAGES Masters Series** in-depth presentations grouped by topic that are offered by master surgeons, provide techniques and tips that you can use immediately to take your practice to the next level.
- Learn the essentials of minimally invasive and open general surgery including updates and controversies in foregut, colorectal, hernia, bariatric and oncolgic surgery as well as flexible endoscopy.
- Enjoy a day-long program with our Joint Armed Forces colleagues, and collaborative joint sessions with our friends and colleagues from the AAST, AHPBA, ASCRS, ASE, ASGE, ASMBS, SSAT, EAES (Europe), JSES (Japan), KSELS (Korea), and across The Americas.
- The Friday-night Gala and Sing-Off is sure to be a highlight of your trip at the Space Center Houston.
- Download the apps – iOS and Android apps streamline your meeting experience.
- Get your SAGES gear at our onsite store.

**SAGES Recognition of Excellence Award**

SAGES will announce recipients of the 2017 SAGES Recognition of Excellence Coin daily.

www.sages.org/sagespages

**News for SAGES 2017**

Each session has been assigned a relevant Learning Theme(s) and appropriate Guideline(s) will be referenced. Look for more information on page 12.

SAGES is using the 2017 Meeting Mobile App to handle Audience Response, Questions From the Floor, and General Meeting Announcements. If you wish to participate, please be sure to download the 2017 meeting app and have a cell phone capable of sending SMS text messages in the USA.

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

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Hotel & Complex Map

SAGES 2017
Surgical Spring Week

Hotels

1. Hilton Americas – Houston
   1600 Lamar Street, Houston, TX 77010 | Tel: (713) 739-8000

2. Marriott Marquis Houston
   1777 Walker Street, Houston, TX 77010 | Tel: (713) 654-1777

3. Embassy Suites Houston Downtown
   1515 Dallas Street, Houston, TX 77010 | Tel: (713) 739-9100

4. Four Seasons Hotel Houston
   1300 Lamar Street, Houston, TX 77010 | Tel: (713) 650-1300

Childcare Options

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

Mom’s Best Friend Sitter Services
http://momsbestfriend.com/houston/
Laura Patterson; Director of Temporary Services
(512) 381-3140

Houston Nanny ICW/Morningside Nannies
http://www.morningsidenannies.com
Michelle LaRowe
(713) 526-3989
Info@morningsidenannies.com

SeekingSitters
http://www.SeekingSitters.com
Kristin Jarecki
(281) 224-3418;
houstonwest@seekingsitters.com

www.care.com
puts you directly in contact with the sitter.

@SAGES_Updates www.facebook.com/SAGESSurgery
### SAGES 2017 Schedule at a Glance

**SAGES is Home: Collaborate, Communicate, Connect**

**Program Chairs: Horacio J. Asbun, MD & Melina C. Vassiliou, MD**

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<td>8:00AM - 5:00PM</td>
<td>Full-Day Military Surgical Symposium</td>
<td>Room 322</td>
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<tr>
<td>8:00AM - 12:00PM</td>
<td>Masters Series: Colorectal “The Road to Success - MIS approaches to the Sigmoid Colon and Upper Rectum”</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>8:00AM - 12:00PM</td>
<td>PG Course: Get Published - How to write a Scientific Manuscript</td>
<td>Room 340</td>
</tr>
<tr>
<td>8:00AM - 12:00PM</td>
<td>PG Course: Robotic Hernia Surgery - What can Robotics add to my Hernia Armamentarium?</td>
<td>Ballroom B</td>
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<tr>
<td>8:00AM - 10:00AM</td>
<td>SS1: Biliary</td>
<td>Room 310</td>
</tr>
<tr>
<td>8:00AM - 10:30AM</td>
<td>SS2: Bariatric and Metabolic Surgery</td>
<td>Room 320</td>
</tr>
<tr>
<td>10:00AM - 12:00PM</td>
<td>Room 342</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>PG Course: Primary Endoscopic Management of the Bariatric Patient</td>
<td>Room 320</td>
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<tr>
<td>12:00PM - 1:30PM</td>
<td>SAGES Foundation Awards Luncheon</td>
<td>Room 332</td>
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<tr>
<td>1:30PM - 5:00PM</td>
<td>HO Course: Endolumenal Bariatrics - Endo to the Rescue!</td>
<td>MITIE</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>FO Course: Robotic Inguinal Hernia Surgery</td>
<td>Room 310</td>
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<tr>
<td>1:30PM - 5:00PM</td>
<td>Masters Series: The SAGES Masters take You to Foregut School</td>
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<td>Panel: Meeting the ABS Mandate - The Program Director's Guide to the FEC Galaxy</td>
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<td>The Devil is in the Details Session: Technical Tips from the Masters - Ventral Hernia</td>
<td>Room 320</td>
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<td>3:30PM - 5:00PM</td>
<td>Symposium: Coaching and Telementoring in the Global Arena - Project 6</td>
<td>Room 320</td>
</tr>
<tr>
<td>3:30PM - 5:00PM</td>
<td>SS5: Colorectal 1</td>
<td>Room 310</td>
</tr>
<tr>
<td>5:00PM - 5:30PM</td>
<td>Opening Session - Welcome Ceremony</td>
<td>Room 310</td>
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<td>5:30PM - 7:30PM</td>
<td>Exhibits Opening Welcome Reception</td>
<td>Exhibit Hall A3</td>
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<tr>
<td>6:00PM - 7:00PM</td>
<td>Faculty Intro Session: Lap Colon ADOPT HO Course (Paid Attendees only)</td>
<td>Room 340</td>
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<tr>
<td><strong>Thursday, March 23, 2017</strong></td>
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<tr>
<td>7:30AM - 9:00AM</td>
<td>AAST joint Panel: Acute Care Surgery</td>
<td>Room 332</td>
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<td>KSELS joint Panel: Gastric Cancer - Narrowing the Gap between Eastern and Western Practice in Laparoscopic Gastric Surgery</td>
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<td>Room 320</td>
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<tr>
<td>7:30AM - 9:00AM</td>
<td>SS7: HPB</td>
<td>Room 342</td>
</tr>
<tr>
<td>9:00AM - 11:00AM</td>
<td>SAGES Guest/Spouse Breakfast</td>
<td>Room 332B</td>
</tr>
<tr>
<td>9:00AM - 9:45AM</td>
<td>Keynote: Karl Storz Lecture - Dave Kerpen</td>
<td>Room 320</td>
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<tr>
<td>9:45AM - 10:15AM</td>
<td>Keynote: Social Media and Health Care - Brian P. Jacob, MD</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:00AM - 4:00PM</td>
<td>Exhibits/Posters/Learning Center open</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>PG Course: ILLS joint Session - Overview of Minimally Invasive Liver Resection</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>PG Course: SMART Enhanced Recovery - Beyond Colorectal</td>
<td>Room 320</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>Program of the “Americas” joint Panel: What I Thought was a Fact is a Myth?</td>
<td>Room 342</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>Video Face-Off Panel: Lap Band to Gastric Bypass</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>SS9: Exhibit Hall Video Presentations 1 (non-CME)</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:15AM - 11:15AM</td>
<td>SS8: Education, Simulation and Assessment</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>11:15AM - 12:15PM</td>
<td>Panel: Firsts and Pioneers - Evolutions and Revolutions in Surgery</td>
<td>Room 322</td>
</tr>
<tr>
<td>11:15AM - 12:15PM</td>
<td>SS10: Robotics</td>
<td>Room 342</td>
</tr>
<tr>
<td>12:00PM - 2:00PM</td>
<td>SS11: Exhibit Hall Video Presentations 2 (non-CME)</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>Educator's Luncheon “Can I Trust my Trainees to do it Right?” Entrustable Professional Activities (EPAs) for Competency-Based Surgical Education</td>
<td>Room 332B</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>12:15PM - 1:30PM</td>
<td>Let's Do Lunch - Hernia, Liver-Biliary, Esophagus &amp; Colon Tables (non-CME)</td>
<td>Room 332A</td>
</tr>
<tr>
<td>12:15PM - 1:30PM</td>
<td>Community Practice Townhall</td>
<td>Room 351A</td>
</tr>
<tr>
<td>12:30PM - 3:00PM</td>
<td>HO Course: Lap Colon ADOPT (Immersion Program with Mentorship)</td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>Workshop: SMART Enhanced Recovery for the Team</td>
<td>Room 340</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>PG Course: ILLS joint Session - Techniques of Laparoscopic Liver Resection Video Session and Liver Tumor Board</td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SAGES/ASMB joint Appropriateness Conference on Metabolic Surgery</td>
<td>Room 322</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>JSES joint Panel: What Can We Learn from Each Other? MIS Trends in North America and in Japan</td>
<td>Room 322</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SAGES Stories: Controversies in Foregut Surgery</td>
<td>Room 342</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair</td>
<td>Room 320</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SS12: Flexible/Therapeutic Endoscopy and NOTES*</td>
<td>Room 320</td>
</tr>
<tr>
<td>2:00PM - 4:00PM</td>
<td>SS13: Exhibit Hall Video Presentations 3 (non-CME)</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>3:00PM - 3:30PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>Masters Series: Laparoscopy in Acute Care</td>
<td>Room 342</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>SS14: SAGES Got Talent - Resident &amp; Fellow Scientific Session</td>
<td>Room 322</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>Symposium: International Hernia Collaboration Symposium</td>
<td>Room 320</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>Video Face-Off Panel: Common Bile Duct Exploration - More than one way to Skin a Cat</td>
<td>Room 320</td>
</tr>
<tr>
<td>4:00PM - 5:30PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Gastroctomy for Malignancy</td>
<td>Room 320</td>
</tr>
<tr>
<td>6:00PM - 8:00PM</td>
<td>Industry Educational Events (non-CME)</td>
<td>Room 342</td>
</tr>
</tbody>
</table>
### Friday, March 24, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM - 8:30AM</td>
<td>Medical Student Townhall</td>
<td>Room 332B</td>
</tr>
<tr>
<td>8:30AM - 9:15AM</td>
<td>Keynote: Presidential Address - Daniel J. Scott, MD</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>9:15AM - 10:00AM</td>
<td>Keynote: Gerald Marks Lecture - H. Jaap Bonjer, MD</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:00AM - 12:00PM</td>
<td>Your Session: Management of Complications of Bariatric Surgery</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:00AM - 10:30AM</td>
<td>Refreshment Break/ Morning Mimosas</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>SS16: Exhibit Hall Video Presentations 1 (non-CME)</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>SS17: Endoscopy Video Session</td>
<td>Room 322</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>SS18: Forogut 2</td>
<td>Room 342</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>Panel: Finishing Residency/ I'm Done! Now What? - Transitioning to Practice</td>
<td>Room 330</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Hartman’s Reversal and Laparoscopic Lavage</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Treatment of Recurrent Achalasia</td>
<td>Room 320</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>Your Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>12:00PM - 2:00PM</td>
<td>SS19: Exhibit Hall Video Presentations 2 (non-CME)</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>FC Luncheon &quot;Ensuring Competency Through Fellowship Training: Frameworks for Success”</td>
<td>Room 332B</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>12:30PM - 1:30PM</td>
<td>Let’s Do Lunch - Gastric, Pancreas, Gallbladder-ERCP &amp; Rectal Tables (non-CME)</td>
<td>Room 332A</td>
</tr>
<tr>
<td>1:30PM - 2:30PM</td>
<td>Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers</td>
<td>Room 322</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>AHPBA joint Panel: Contemporary Themes in Minimally Invasive Pancreatic Surgery</td>
<td>Room 320</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Panel: Endoscopic and Laparoscopic Enteral Access - How to Do It and How to Treat Complications</td>
<td>Room 342</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Panel: Global Surgery - I want to do it! Where do I start? What do I need?</td>
<td>Room 340</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Video Face-Off Panel: Lap Right Colon</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>1:30PM - 3:30PM</td>
<td>SS20: Bariatric Video Session</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>1:30PM - 3:30PM</td>
<td>SS21: Acute Care Surgery</td>
<td>Room 310</td>
</tr>
<tr>
<td>2:00PM - 4:00PM</td>
<td>SS22: Exhibit Hall Video Presentations 3 (non-CME)</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>ASCRS joint Panel: Laparoscopy for IBD</td>
<td>Room 320</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>EAES joint Panel: Cutting Edge Minimally Invasive Surgeon in Europe</td>
<td>Room 340</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Re-Do Anti-reflux Surgery</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>Video Face-Off Panel: Distal Pancreatectomy</td>
<td>Room 342</td>
</tr>
<tr>
<td>3:30PM - 4:30PM</td>
<td>Your Session: Challenges in the Diagnosis and Management of GERD and Achalasia</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>3:30PM - 4:30PM</td>
<td>SS23: Hernia Video Session</td>
<td>Room 310</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>Panel: Robotic Surgery - New Platforms and Strategies to overcome the Learning Curve</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SSAT joint Panel: Incidental GI Findings during Surgery</td>
<td>Room 320</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS24: Hernias - Inguinal and Robotics</td>
<td>Room 342</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS25: Biliary Video Session</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS26: Education Technology, Teaching and Learning</td>
<td>Room 340</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS27: MIS - Cool Stuff</td>
<td>Room 310</td>
</tr>
<tr>
<td>5:30PM - 6:00PM</td>
<td>Candidate Networking Townhall</td>
<td>Hilton Americas - 4th Floor Lobby</td>
</tr>
<tr>
<td>6:00PM - 7:00PM</td>
<td>Meet the Leadership Reception for Residents/Fellows &amp; New Members</td>
<td>Hilton Americas - 4th Floor Lobby</td>
</tr>
<tr>
<td>7:30PM - 11:30PM</td>
<td>SAGES Gala &amp; International Sing-Off</td>
<td>Space Center Houston</td>
</tr>
</tbody>
</table>

### Saturday, March 25, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM - 11:30AM</td>
<td>Exhibits, Posters, Learning Center</td>
<td>Room 330</td>
</tr>
<tr>
<td>8:00AM - 10:00AM</td>
<td>SS29: Bariatric Surgery - Sleeves, Conversions and more</td>
<td>Room 340</td>
</tr>
<tr>
<td>8:00AM - 10:00AM</td>
<td>SS30: Colorectal Video Session</td>
<td>Room 320</td>
</tr>
<tr>
<td>8:00AM - 9:30AM</td>
<td>SAGES/AGA joint Session: Shark Tank (non-CME)</td>
<td>Room 322</td>
</tr>
<tr>
<td>8:00AM - 9:30AM</td>
<td>Session: Wild Cases presented in the Wild West</td>
<td>Room 310</td>
</tr>
<tr>
<td>8:00AM - 9:00AM</td>
<td>SS28: Robotic Video Session</td>
<td>Room 342</td>
</tr>
<tr>
<td>9:00AM - 10:00AM</td>
<td>SS31: Solid Organ Video Session</td>
<td>Room 342</td>
</tr>
<tr>
<td>9:30AM - 11:30AM</td>
<td>Panel: All grown up! Managing Adults with Congenital Surgical Anomalies</td>
<td>Room 322</td>
</tr>
<tr>
<td>9:30AM - 11:30AM</td>
<td>Session: Emerging Technology (non-CME)</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:00AM - 11:30AM</td>
<td>ASGE joint Panel: Endoscopic Management of Colon Lesions</td>
<td>Room 320</td>
</tr>
<tr>
<td>10:00AM - 11:30AM</td>
<td>Panel: Complications - Oops! When Things Go Wrong, what do I do now?</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:00AM - 11:30AM</td>
<td>SS32: Colorectal 2</td>
<td>Room 342</td>
</tr>
<tr>
<td>11:30AM - 3:00PM</td>
<td>Masters Series: AHS joint Session - Ventral Hernia “It’s not just Hernia”</td>
<td>Room 320</td>
</tr>
<tr>
<td>11:30AM - 1:00PM</td>
<td>SS33: Plenary 2</td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>ASE joint Panel: Tools for the Surgical Educator</td>
<td>Room 340</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SS35: Forogut 3</td>
<td>Room 320</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SS36: Minimally Invasive Surgery - World Tour</td>
<td>Room 342</td>
</tr>
<tr>
<td>1:30PM - 2:30PM</td>
<td>SS34: Case Presentations</td>
<td>Room 310</td>
</tr>
<tr>
<td>7:30AM - 2:00PM</td>
<td>Mini Med School Boot Camp (non-CME)</td>
<td>Room 332B</td>
</tr>
</tbody>
</table>
SAGES Community Service Initiatives

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:

<table>
<thead>
<tr>
<th>Spouse Breakfast in Memory of Barbara Marks</th>
<th>This year we are going to do two things Barbara would love: 1. The SAGES spouses will gather to break bread together and just enjoy each other’s company. 2. After breakfast we will work with the SAGES Humanitarian Committee to assemble wish list packages for local non-profits.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Thursday, March 23: 9:00AM - 11:00AM</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Cost:</strong> No Fee - All spouses/guests are welcomed to attend. Included with Guest registration.</td>
<td></td>
</tr>
<tr>
<td><strong>Mini-Med School Boot Camp</strong></td>
<td>High school students from the Houston area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. The day is power packed with classroom lectures, and Interactive Stations Experience. Both cognitive and skill competitions with awards and prizes will be offered.</td>
</tr>
<tr>
<td><strong>Saturday, March 25: 8:00AM - 2:00PM</strong></td>
<td></td>
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<tr>
<td><strong>Limitation:</strong> Must be a High School Student</td>
<td></td>
</tr>
<tr>
<td><strong>Lunch Provided</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Cost:</strong> No fee</td>
<td></td>
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</tbody>
</table>

SAGES Social Programs

**Welcome Reception - in the Exhibit Hall!**

- **Date:** Wednesday, March 22, 2017
- **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.

**SAGES Meet the Leadership Reception for New SAGES Members Residents and Fellows**

- **Date:** Friday, March 24, 2017
- **Time:** 6:00 - 7:00 PM
- **Place:** Hilton Americas, 4th Floor Lobby

**SAGES Gala Dinner and Sing-Off at the Space Center Houston | Gateway to NASA Johnson Space Center**

- **Date:** Friday, March 24, 2017
- **Place:** Space Center Houston
- **Time:** 7:30 - 11:30 PM
- **Dress:** Fun-Casual, wear dancing shoes
- **Fee:** Included in Registration for SAGES Super Pass (Option A), & registered guests.
- **Tickets:** $135.00 (for additional guests and SAGES Registration Options B & C)
- **Shuttle Service will be provided**
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.

SAGES Program Committee

Chair: Jon Gould, MD  
Co-Chair: Melissa Lapinska, MD  
Adnan Alseidi, MD  
Horacio Abun, MD  
Simon Bergman, MD  
James Bittner, MD  
Steven Bowers, MD  
Fredrick Brody, MD  
Edward Felix, MD  
Michel Gagner, MD  
Matthew Goldblatt, MD  
Carroll Harmon, MD  
Daniel Herron, MD  
Rana Higgins, MD  
Michael Holzman, MD, MPH  
Gretchen Pocciell Jackson, MD, PhD  
Daniel Jones, MD  
Andrew Kastenmeier, MD  
Leena Khaitan, MD  
Marina Kurian, MD  
Robert Lim, MD  
John Marks, MD  
Jeffrey Marks, MD  
Brent Matthews, MD  
Stephen Mcklatt, MD  
Sumeet Mittal, MD  
Jonathan Myers, MD  
Sheetal Nihjawan, MD  
Dmitry Oleyinikov, MD  
Edward Phillips, MD  
Archana Ramaswamy, MD  
Sharan Ross, MD  
Bethany Sacks, MD  
Christopher Schlachta, MD  
Don Selzer, MD  
Ali Tavakkoli, MD  
Dana Telem, MD  
Thadeus Trus, MD  
Sivamainthan Vithiananthan, MD  
Manabu Yamamoto, MD  
Tonia Young-Fadok, MD  
Natan Zundel, MD

SAGES Conflict of Interest Task Force:

Chair: Patricia Sylla, MD  
Peter Denk, MD  
Daniel Deziel, MD  
Terrence Fullum, MD  
Jeffrey Marks, MD  
Brendan Marr, MD  
Philip Oomoto, MD  
Sharon Ross, MD  
Phillip Shadduck, MD  
Parish Shah, MD  
Ketan Sheth, MD  
Prashant Sinha, MD  
Steven Stain, MD  
Kiran Turaga, MD
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 faculty member had a disclosure and I perceived a slant toward the companies with which he/she has relationships.
- The activity was funded by industry and I perceived a slant toward the grantors.

Please return this form to SAGES Meeting Registration or fax to (310) 437-0585.
**SAGES 2017 CME Hours**

**Accreditation:**

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide Continuing Medical Education for physicians. The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) designates this live activity for a maximum of 34.25 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 2017 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 2017 SAGES Scientific Session & Postgraduate Course must complete an on-line meeting evaluation. Attendees will be able to print and reprint 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 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/
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

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 - You will be asked to enter your SAGES 2017 Badge ID

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

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

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

- C Colorectal
- B Bariatrics
- HR Hernias
- FOR Foregut
- SD Solid Organ
- AC Acute Care
- R Robotics
- HPB HPB/Biliary
- PE Professional/Economic – strategies for improving practice efficiency and patient safety including billing and the use of electronic medical records
- AE Academic/Educational – simulation-based teaching, research-related techniques, career development, fellowship training, and the development of innovative ideas
- FE Flexible Endoscopy
- NS New technologies/Skill acquisition – cutting-edge therapies such as robotic, single access, POEM, and natural orifice techniques

The Role of SAGES Guidelines in the World of Surgery

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

The SAGES Guidelines Committee does that work for you, your privileging committee and the entire surgical community. SAGES guidelines are evidence based. It takes approximately ten people and one year to do the research and make the determination of which standards to adopt.

The development and dissemination of guidelines is one of the most valuable services SAGES provides to general and minimal access surgery.

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

Complete list of all of our guidelines and statements is available at http://www.sages.org/publications
SAGES 2017 Meeting Leaders

SAGES Program Chairs:

Horacio J. Asbun, MD
Melina C. Vassiliou, MD

2017 Course Chairs & Unit Coordinators

Military Surgical Symposium
Chair: Gordon G. Wisbach, MD
Co-Chair: Robert M. Rush, MD
Co-Chair: Yong U. Choi, MD

Equipment
Chair: Garth R. Jacobsen, MD
Co-Chair: Matthew I. Goldblatt, MD

Learning Center
Chair: Denise W. Gee, MD
Co-Chair: Jaisa S. Olasky, MD

Posters
Chair: Konstantinos Spaniolas, MD
Co-Chair: Dimitrios Stefanidis, MD, PhD

SAGES University Masters Series
Chair: Daniel Bougere Jones, MD
Co-Chair: James R. Konorowski, MD
Co-Chair: Justin B. Dimick, MD, MPH

Videos
Chair: Linda P. Zhang, MD
Co-Chair: Dana Alexa Telem, MD

Postgraduate Course: Fundamental Use of Surgical Energy
Chair: Thomas N. Robinson, MD, MS
Co-Chair: Kenric M. Murayama, MD

Postgraduate Course: Get Published – How to Write a Scientific Manuscript
Chair: Mark A. Talalami, MD
Co-Chair: Abe L. Fingerhut, MD

Postgraduate Course: ILLS Joint Session – Overview of Minimally Invasive Liver Resection
Chair: Daniel Cherqui, MD
Co-Chair: Go Wakabayashi, MD, PhD

Postgraduate Course: ILLS Joint Session – Techniques of Laparoscopic Liver Resection Video Session and Liver Tumor Board
Chair: David Geller, MD
Co-Chair: Claudius Conrad, MD, PhD

Postgraduate Course: Primary Endoscopic Management of the Bariatric Patient
Chair: Matthew D. Krol, MD
Co-Chair: Salman Al-Sabah, MD

Postgraduate Course: Robotic Hernia Surgery
Chair: Ajita Satish Prabhu, MD
Co-Chair: Andrew Tyler Bates, MD

Postgraduate Course: SMART Enhanced Recovery - Beyond Colorectal
Chair: Thomas A. Aloia, MD
Co-Chair: Bruce J. Ramshaw, MD

Hands-On Course: Lap Colon ADOPT (Immersion Program with Mentorship)
Chair: Jaime E. Sanchez, MD
Co-Chair: Peter W. Marcello, MD

Hands-On Course: Endolumenal Bariatrics – Endo to the Rescue!
Chair: Kevin M. Reavis, MD
Co-Chair: Erik B. Wilson, MD

Hands-On Course: Robotic Inguinal Hernia Surgery
Chair: Ajita Satish Prabhu, MD
Co-Chair: Andrew Tyler Bates, MD

Workshop: Get Published – How to Write a Scientific Manuscript
Chair: Abe L. Fingerhut, MD
Co-Chair: Mark A. Talalami, MD

Workshop: SMART Enhanced Recovery for the Team
Chair: Liane S. Feldman, MD
Co-Chair: Pascal R. Fuchshuber, MD

Educator Luncheon
Chair: E. Matthew Ritter, MD

Fellowship Council Luncheon
Chair: Raul J. Rosenthal, MD

Let’s Do Lunch Tables (non-CME)
Chair: John Andrew Stauffer, MD

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Natan Zundel, MD
SAGES 2017 Meeting Leaders

SAGES Panel/Session/Symposium/Debate Chairs:

AAST Joint Panel: Acute Care Surgery
Chair: Robert B. Lim, MD
Co-Chair: Kimberly A. Davis, MD, MBA

AHPBA Joint Panel: Contemporary Themes in Minimally Invasive Pancreatic Surgery
Chair: Charles M. Vollmer, MD
Co-Chair: Karen D. Horvath, MD

ASCRS Joint Panel: Laparoscopy for IBD
Chair: Hermann Kessler, MD, PhD
Co-Chair: Tonia M. Young-Fadok, MD

ASE Joint Panel: Tools for the Surgical Educator
Chair: John T. Paige, MD
Co-Chair: Kent R. Van Sickle, MD

ASGE Joint Panel: Endoscopic Management of Colon Lesions
Chair: Daniel von Renteln, MD
Co-Chair: Michael B. Wallace, MD

JSES Joint Panel: What Can We Learn from Each Other? MIS Trends in North America and Japan
Chair: Manabu Yamamoto, MD
Co-Chair: Dimitrios Stefanidis, MD, PhD

KSELS Joint Panel: Gastric Cancer
Chair: Ho-Seong Han, MD, PhD
Co-Chair: Barry A. Salky, MD

Masters Series: AHS Joint Session - Hernia ‘It’s not just Hernia’
Chair: Archanja Ramaswamy, MD
Co-Chair: Dennis R. Klassen, MD

Masters Series: Colorectal
Chair: John H. Marks, MD
Co-Chair: Mark H. Whiteford, MD

Masters Series: Laparoscopy in Acute Care
Chair: Michael William Cripps, MD
Co-Chair: Carla M Pugh, MD, PhD

Masters Series: The SAGES Masters take You to Foregut School
Chair: Brant K. Oelschlager, MD
Co-Chair: Jon C. Gould, MD

Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers
Chair: Justin B. Dimick, MD, MPh
Co-Chairs: Aimee K Gardner, PhD; Neal E. Seymour, MD

Panel: All grown up! Managing Adults with Congenital Surgical Anomalies
Chair: Danielle S Walsh, MD
Co-Chair: Gretchen Purcell Jackson, MD, PhD

Panel: Finishing Residency; I’m Done! Now What? - Transitioning to Practice
Chair: David R. Urbach, MD
Co-Chair: David B. Renton, MD

Panel: Fists and Pioneers - Evolutions and Revolutions in Surgery
Chair: Steve Eubanks, MD
Co-Chair: Sharon L. Bachman, MD
Panel: Global Surgery - I want to do it! Where do I start? What do I need?
Chair: Adrian Park, MD
Co-Chair: Raymond R. Price, MD

Panel: Meeting the ABS Mandate - The Program Director’s Guide to the FEC Galaxy
Chair: Thadeus L. Trus, MD
Co-Chair: Eric M Pauli, MD

Panel: Robotic Surgery - New Platforms and Strategies to Overcome the Learning Curve
Chair: Omar Yusef Kudsi, MD, MBA
Co-Chair: Melissa Ellen Hoog, MD

Program of the “Americas” Joint Panel: What I thought was a Fact is a Myth?
Chair: Nathan Zundel, MD
Co-Chairs: Antonio Bispo, MD; Samuel Shuchleib, MD

SSAT Joint Panel: Incidental GI Findings during Surgery
Chair: Nathaniel J. Soper, MD
Co-Chair: Kings A. Powers, MD, PhD

SAGES Got Talent - Resident & Fellow Scientific Session
Chair: Philip H Pucher, MD, PhD
Co-Chair: Kyle Lee Kleppe, MD

SAGES Stories: Controversies in Foregut Surgery
Chair: Brian J. Dunkin, MD
Co-Chair: Steven D. Schwartzberg, MD

SAGES/AGA Joint Session: Shark Tank (non-CME)
Chair: Nathaniel J. Soper, MD
Co-Chair: Kings A. Powers, MD, PhD

Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair
Chair: Christopher M. Schlachta, MD
Co-Chair: Ross F Goldberg, MD

Symposium: Coaching and Telementoring in the Global Arena - Project 6
Chair: Allan E. Okuaine, MD
Co-Chair: David Chia-Chang Chen, MD

Symposium: International Hernia Collaboration
Chair: Igor Belyansky, MD
Co-Chair: Conrad Dizon Ballecer, MD

The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Hartman’s Reversal and Laparoscopic Lavage
Chair: Peter W. Marcello, MD
Co-Chair: Steven D. Wexner, MD

The Devil is in the Details Session: Technical Tips from the Masters - Treatment of Recurrent Achalasia
Chair: C. Daniel Smith, MD
Co-Chair: Steven P. Bowers, MD

The Devil is in the Details Session: Technical Tips from the Masters - Re-Do Anti-Reflux Surgery
Chair: David W. Rattner, MD
Co-Chair: Edward H. Phillips, MD

Video Face-Off Panel: Lap Band to Gastric Bypass
Chair: Alfonso Pomp, MD
Co-Chair: Aurora Dawn Pryor, MD

Video Face-Off Panel: Common Bile Duct Exploration - More than one way to Skin a Cat
Chair: Jeffrey W. Hazey, MD
Co-Chair: Jeffrey L. Ponsky, MD

Video Face-Off Panel: Distal Pancreatectomy
Chair: Paul Daniel Hansen, MD
Co-Chair: Michael L. Kendrick, MD

Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair
Chair: Shrin Towfigh, MD
Co-Chair: Edward L. Felix, MD

Video Face-Off Panel: Lap Right Colon
Chair: Patricia Sylia, MD
Co-Chair: Dorin Toma Colibaseanu, MD

Video Face-Off Panel: Laparoscopic Nissen Fundoplication
Chair: Ozanan Ricardo de Oliveira Meireles, MD
Co-Chair: Kyle A. Perry, MD

Your Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair
Chair: Gina L. Adrales, MD, MPH
Co-Chair: Guy R. Voeller, MD

Your Session: Challenges in the Diagnosis and Management of GERD and Achalasia
Chair: Andrew S. Wright, MD
Co-Chair: Simon Bergman, MD

Your Session: Management of Complications of Bariatric Surgery
Chair: Raul J. Rosenthal, MD
Co-Chair: Ninh Tuan Nguyen, MD

Your Session: Prevention of Bile Duct Injury
Chair: L. Michael Brunt, MD
Co-Chair: Rajesh Aggarwal MBBS, MA, PhD

Mini Medical School Boot Camp for HS Students (non-CME)
Chair: James C. Rosser Jr, MD
Co-Chair: Vadim Sherman, MD

The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Gastrectomy for Malignancy
Chair: Lorenzo E. Ferri, MD
Co-Chair: Magnus Nilsson, MD
2017 SAGES Webcast Sessions

To view the webcast, please visit us at http://www.sages2017.org/sages-2017-webcasting/

Thursday, 3/23

9:00 AM - 9:45 AM  Keynote: Karl Storz Lecture  DAVE KERPEN
9:45 AM - 10:15 AM  Keynote: Social Media and Health Care  BRIAN P. JACOB, MD
10:15 AM - 12:00 PM  Video Face-Off Panel: Lap Band to Gastric Bypass
1:30 PM - 3:00 PM  Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair
3:30 PM - 5:30 PM  Video Face-Off Panel: Common Bile Duct Exploration - More than one way to Skin a Cat

Friday, 3/24

7:30 AM - 8:30 AM  SS15: Plenary 1
8:30 AM - 9:15 AM  Keynote: Presidential Address  DANIEL J. SCOTT, MD
9:15 AM - 10:00 AM  Keynote: Gerald Marks Lecture  H. JAAP BONJER, MD
10:30 AM - 12:00 PM  Your Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair
1:30 PM - 3:00 PM  SS20: Bariatric Video
3:00 PM - 4:30 PM  The Devil is in the Details Session: Technical Tips from the Masters - Re-Do Anti-reflux Surgery
4:30 PM - 5:30 PM  Panel: Robotic Surgery - New Platforms and Strategies to Overcome the Learning Curve

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:

Box Line Box
Montefiore Medical Center and the Albert Einstein School of Medicine
Stryker Endoscopy

FES, FLS, and FUSE Testing Available!

Wednesday, March 22 - Saturday, March 25, 2017

For more details or to schedule your test:

Fundamentals of Endoscopic Surgery™ www.fesprogram.org
Fundamentals of Laparoscopic Surgery™ www.flsprogram.org
Fundamental Use of Surgical Energy™ www.fuseprogram.org

Save the Date!

SAGES/CAGS hosted
World Congress of Endoscopic Surgery
April 11 - 14, 2018 | Seattle WA

SAGES Scientific Session & Postgraduate Course
April 3 - 6, 2019 | Baltimore MD
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM - 5:00PM</td>
<td>Full-Day Military Surgical Symposium</td>
<td>Room 322</td>
</tr>
<tr>
<td>8:00AM - 12:00PM</td>
<td>Masters Series: Colorectal “The Road to Success - MIS Approaches to the Sigmoid Colon and Upper Rectum”</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>8:00AM - 12:00PM</td>
<td>PG Course: Get Published - How to Write a Scientific Manuscript</td>
<td>Room 340</td>
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<tr>
<td>8:00AM - 12:00PM</td>
<td>PG Course: Robotic Hernia Surgery - What can Robotics add to my Hernia Armamentarium?</td>
<td>Ballroom B</td>
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<tr>
<td>8:00AM - 10:00AM</td>
<td>SS1: Biliary</td>
<td>Room 310</td>
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<tr>
<td>8:00AM - 10:30AM</td>
<td>SS2: Bariatric and Metabolic Surgery</td>
<td>Room 320</td>
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<tr>
<td>10:00AM - 12:00PM</td>
<td>SS3: Foregut 1</td>
<td>Room 310</td>
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<tr>
<td>10:30AM - 12:00PM</td>
<td>PG Course: Primary Endoscopic Management of the Bariatric Patient</td>
<td>Room 320</td>
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<tr>
<td>12:00PM - 1:30PM</td>
<td>SAGES Foundation Awards Luncheon</td>
<td>Room 332</td>
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<tr>
<td>1:30PM - 5:00PM</td>
<td>HO Course: Endolumenal Bariatrics - Endo to the Rescue!</td>
<td>MITIE</td>
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<tr>
<td>1:30PM - 5:00PM</td>
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<td>Masters Series: The SAGES Masters take You to Foregut School</td>
<td>Ballroom C</td>
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<tr>
<td>1:30PM - 5:00PM</td>
<td>Workshop: Get Published - How to write a Scientific Manuscript</td>
<td>Room 340</td>
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<tr>
<td>1:30PM - 3:30PM</td>
<td>Panel: Meeting the ABS Mandate - The Program Director’s Guide to the FEC Galaxy</td>
<td>Room 320</td>
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<tr>
<td>1:30PM - 3:30PM</td>
<td>SS4: Gastric</td>
<td>Room 310</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td>Your Session: Prevention of Bile Duct Injury</td>
<td>Ballroom B</td>
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<tr>
<td>3:00PM - 5:00PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Ventral Hernia</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>3:30PM - 5:00PM</td>
<td>Symposium: Coaching and Telementoring in the Global Arena - Project 6</td>
<td>Room 320</td>
</tr>
<tr>
<td>3:30PM - 5:00PM</td>
<td>SS5: Colorectal 1</td>
<td>Room 310</td>
</tr>
<tr>
<td>5:00PM - 5:30PM</td>
<td>Opening Session - Welcome Ceremony</td>
<td>Ballroom B</td>
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<tr>
<td>5:30PM - 7:30PM</td>
<td>Exhibits Opening Welcome Reception</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>6:00PM - 7:00PM</td>
<td>Faculty Intro Session: Lap Colon ADOPT HO Course (Paid Attendees only)</td>
<td>Room 340</td>
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</tbody>
</table>
Military Surgical Symposium
Chair: Gordon Wisbach, MD | Co-Chair: Yong Choi, MD

SESSION DESCRIPTION
The fourth annual military symposium will showcase the premier research conducted by surgical trainees in the United States Army, Navy and Air Force. This complete Tri-service program will include a keynote lecture by a senior active duty executive officer as well as national leaders in advancing surgical quality initiatives. Participants will have a unique opportunity to ask high-ranking leaders timely questions regarding career mentoring, in garrison practice and the future of military surgery in combat.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Optimally manage their clinical, academic, and surgical skills
• Apply state-of-the-art technology and surgical technique to military surgical care
• Collaborate with surgeons of all levels of training in the military surgical community
• Integrate quality surgical initiatives to improve patient safety and surgical outcomes

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Introduction</td>
<td>COL Yong Choi, MC, USA</td>
</tr>
<tr>
<td>8:05AM</td>
<td>General Surgery Abstract Presentations</td>
<td>MAJ Christopher Yheulon, MC, USA CAPT Romeo Ignacio, MC, USN Lt Col Fia Yi, MC, USAF</td>
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<tr>
<td>9:25AM</td>
<td>Break</td>
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<tr>
<td>9:30AM</td>
<td>Basic Science Abstract Presentations</td>
<td>LTC Byron Faler, MC, USA LCDR Tiffany Cox, MC, USN Maj Jason Pasley, MC, USAF</td>
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<tr>
<td>10:30AM</td>
<td>Break</td>
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<tr>
<td>10:45AM</td>
<td>Distinguished Military Surgeons Lecture – Keynote Address</td>
<td>&quot;Defense Health Agency - Surgical Quality Initiatives within the Military Health System&quot; VADM Racquel C. Bono, MC, USN</td>
</tr>
<tr>
<td>11:45AM</td>
<td>Lunch break</td>
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</tr>
<tr>
<td>1:00PM</td>
<td>Trauma Abstract Presentations</td>
<td>LTC Matthew Eckert, MC, USA CDR Matthew Tadlock, MC, USN Col David P. Blake, MC, USAF</td>
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<tr>
<td>2:20PM</td>
<td>Break</td>
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<tr>
<td>2:30PM</td>
<td>Civilian and Military Surgical Quality Collaboratives:</td>
<td>Eric S. Bour, MD, MBA Darrell A. Campbell, MD Mark A. Lockett, MD Jonathan Dort, MD Lt Col Peter Learn, MC, USAF</td>
</tr>
<tr>
<td>4:10PM</td>
<td>Panel Discussion</td>
<td>Moderator: CAPT Henry Lin, MD</td>
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<tr>
<td>4:50PM</td>
<td>Awards</td>
<td></td>
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<tr>
<td>5:00PM</td>
<td>Adjourn</td>
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</tr>
</tbody>
</table>

8:05 AM MS01 General Surgery

MS01 FACTORS INFLUENCING THE ACCURACY OF RIGHT UPPER QUADRANT ULTRASOUND IN ESTIMATING GALLBLADDER WALL THICKNESS Lindsay Cefalu, MD, CPT Robert McMurray, MD, CPT Gerald Bieniek, MD, CPT, Christopher Yheulon, MD, MAJ; Tripler Army Medical Center

MS02 MILITARY VS CIVILIAN CENTERS FOR INDEX CANCER OPERATIONS: ARE 30 DAY OUTCOMES REALLY THAT DIFFERENT? John M McClellan, MD, Jason Bingham, MD, Douglas Stoddard, MD, MBA, Vance Sohn, MD; Madigan Army Medical Center

MS03 PERFORMANCE OUTCOMES AT A MILITARY TREATMENT FACILITY AFTER IMPLEMENTATION OF ENHANCED RECOVERY PATHWAY FOR ELECTIVE COLONIC SURGERY Ally Ha, MD, Carly R Richards, MD, Robert B Lim, MD, Suzanne M Gillern, MD; Tripler Army Medical Center
Wednesday, March 22, 2017

MS504 NEW PREY FOR THE LINX*: STANDARD VERSUS EXPANDED INDICATIONS FOR ESOPHAGEAL MAGNETIC SPHINCTER AUGMENTATION FOR REFLUX DISEASE John P Kuckelman, DO, Cody J Phillips, Mark O Hardin, Matthew J Martin, MD; Madigan Army Medical Center

MS505 HYPERTENSION RESOLUTION AFTER BARIATRIC SURGERY Devon Hawkins, MD, Balakrishna Prasad, PhD, Byron Faler, MD, Yong Choi, MD; Eisenhower Army Medical Center

MS506 IMPROVED DISEASE-FREE SURVIVAL IN ENDOMETRIAL AND OVARIAN CANCER PATIENTS WITH LOW FOLATE BINDING PROTEIN EXPRESSION AFTER TREATMENT WITH THE E39 PEPTIDE VACCINE IN A PHASE II/IIA TRIAL Kaitlin M Peace, MD,1 Diane F Hale, MD,1 Timothy J Vreeland, MD,1 Loren O Jackson, MD,1 Julia M Greene, MD,1 John S Berry, MD,1 Alfred F Trapp, MD,1 Garth S Herbert, MD,1 Guy T Clifton, MD,1 Mark O Hardin, MD,1 Kathleen M Darcy, PhD,1 Chad A Hamilton, MD,1 G. Larry Maxwell, MD,1 George E Peoples, MD,11 Brooke Army Medical Center,1 Womack Army Medical Center,1 ‘Washington University Department of Colon and Rectal Surgery,1 ‘David Grant USAF Medical Center,1 ‘Madigan Army Medical Center,1 ‘Gynecologic Cancer Center of Excellence,1 ‘Cancer Vaccine Development Program

MS507 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY AS A REVISION PROCEDURE FOR FAILED LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING – A RETROSPECTIVE REVIEW OF OUTCOMES IN A MILITARY TREATMENT CENTER Seth R Holland, DSc, PAC, Michael Smith, DSc, PAC, Jason Pfluke, MD; San Antonio Military Medical Center

MS508 PANNICULECTOMY AFTER BARIATRIC SURGERY: A MORBID PROCEDURE AFTER MORBID OBESITY Michael J Derickson, MD, Cody J Phillips, DO, Morgan R Barron, MD, John P Kuckelman, DO, M DeBarros, MD, Matthew J Martin, MD; Madigan Army Medical Center

9:30 AM MS02 Basic Science

MS09 EVALUATION OF A MICRONORNA-124 INHIBITOR AS A POTENTIAL THERAPY FOR GULF WAR ILLNESS USING AN ESTABLISHED RAT MODEL C. Grayson, MD, MPH, Wendy Kurata, MS, Karen Matsumoto, Lisa Pierce, DSc; Tripler Army Medical Center

MS10 GRAFT-IMPLANTED TACROLIMUS-ELUTING HYDROGELS PROLONG SURVIVAL AFTER VASCULARIZED COMPOSITE ALLOTRANSPLANTATION Kevin Wu1, Renford Cindass1, Lin Wang1, Sharon Lawson1, Jeffrey Karp1, Nitin Joshi1, Praveen Vemula1, Vijay Gorantla1, Michael Davis1; ‘RESTOR Program, 59th Medical Wing, JBSA Lackland AFB, TX, ‘San Antonio Military Medical Center, JBSA Fort Sam Houston, TX, ‘University of Texas Health Science Center at San Antonio, ‘Baylor & Women’s Hospital, Harvard Medical School, ‘Institute for Stem Cell Biology and Regenerative Medicine, ‘University of Pittsburgh Medical Center, ‘59th Medical Wing, JBSA Lackland AFB

MS11 MECHANISMS OF DIABETIC REMISSION AFTER SLEEVE GASTRECTOMY: INCREASES IN L-CELL MEDIATED INCRETIN RESPONSE, INSULIN RELEASE, AND SENSITIVITY Devon Hawkins, MD, Balakrishna Prasad, PhD, Rebekah Johnson, MD, Matthew Pierrotti, MD, William Sherman, MD, Byron Faler, MD, Yong Choi, MD; Eisenhower Army Medical Center

MS12 HYPERBARIC NORMOTHERMIC PERFUSION MITIGATES REPERFUSION INJURY IN PORCINE VASCULAR COMPOSITE ALLOTRANSPLANTATION (VCA) Nicholas Robbins1, Kevin Y Wu1, Renford Cindass1, Sharon Lawson1, Lin Wang1, George E Wolf1, Michael Davis, MD,1 ‘RESTOR Program, 59th Medical Wing, JBSA Lackland AFB, TX, ‘San Antonio Military Medical Center, JBSA Fort Sam Houston, TX, ‘University of Texas Health Science Center at San Antonio

MS13 INHIBITION OF HMGB1 MEDIATED SIGNALING FOR TRAUMA INDUCED MULTISYSTEM ORGAN FAILURE: AN IN VITRO STUDY Jason C McCartt, MD, Christopher W Mangieri, MD, Colin D Brown, MD, Prasad M Balakrishna, PhD; Dwight D Eisenhower Army Medical Center

MS14 IMPACT OF A NOVEL PI3-KINASE INHIBITOR IN PREVENTING MITOCHONDRIAL DNA DAMAGE AND DAMAGE ASSOCIATED MOLECULAR PATTERN ACCUMULATION: RESULTS FROM THE BIOCHRONICITY PROJECT G E Black, MD,1 K K Sokol, MD,1 D M Moe,1 J Simmons, MD,1 D Muscat, BS,1 V Pastukh, PhD,1 G Capley, MSc,1 O Gorodnya, MSc,1 M Ruchko, PhD,1 M Gillespie, PhD,1 M J Martin, MD,1 ‘Madigan Army Medical Center, ‘University of South Alabama

1:00 PM MS03 Trauma

MS15 RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA FOR MAJOR ABDOMINAL VENOUS INJURY IN A PORCINE HEMORRHAGIC SHOCK MODEL Michael Lallemand, MD,1 Donald Moe, MD,1 John McClellan, MD,1 Joshua Smith, DO,1 Leo Daab, MD,1 Shannon Marko, DVM,1 Nam Tran, MD,1 Benjamin Starnes, MD,1 Matthew Martin, MD,1 ‘Madigan Army Medical Center, ‘University of Washington

MS16 NO IV, NO PROBLEM: INTRAOSSEOUS ADMINISTRATION OF TRANEXAMIC ACID IS AS EFFECTIVE AS INTRAVENOUS IN A PORCINE HEMORRHAGE MODEL Michael Lallemand, MD, Donald Moe, MD, John McClellan, Mlkou Loughren, PhD, Shannon Marko, DVM, Matthew Eckert, MD, Matthew Martin, MD,1 ‘Madigan Army Medical Center

MS17 RETROSPECTIVE ASSESSMENT OF COMPUTED TOMOGRAPHY AFTER LAPAROTOMY IN TRAUMA (REACT) Stephen A Smith, DSc, PA-C, John L Fletcher, MD, Lorne H Blackbourn, MD; Brooke Army Medical Center - Dept of General Surgery

MS18 TRANEXAMIC ACID IN MILITARY TRAUMA: A REVIEW OF USE FOLLOWING IMPLEMENTATION OF CLINICAL PRACTICE GUIDELINES Luke R Johnston, MD,1 Carlos J Rodriguez, DO,1 Eric Elster1, Matthew J Bradley, MD,1 ‘Uniformed Services University of the Health Sciences and Walter Reed National Military Medical Center, Bethesda, MD, ‘Naval Medical Research Center, Silver Spring, MD

MS19 THE ADVANCED SURGICAL SKILLS FOR EXPOSURE IN TRAUMA (ASSET) COURSE: EVALUATION BY MILITARY SURGEON GRADUATES OF UTILITY AS PRE-DEPLOYMENT TRAINING Matthew M Gandolfo, BS, Kristy Pugh, MS, Mark W Bowyer, MD, FACS; Uniformed Services University

MS20 SMARTPHONE-BASED MOBILE THERMAL IMAGING TECHNOLOGY TO ASSESS LIMP PERFUSION AND Tourniquet Effectiveness under normal and blackout conditions Morgan R Barron, DO, John P Kuckelman, DO, John M McClellan, MD, Michael J Derickson, MD, Cody J Phillips, DO, Matthew J Eckert, MD, Matthew J Martin, MD; Madigan Army Medical Center

MS21 THREE VERSUS FOUR-FACTOR PROTHROMBIN COMPLEX CONCENTRATES FOR “FACTOR-BASED” RESUSCITATION IN A PORCINE HEMORRHAGIC SHOCK MODEL Donald Moe, MD, Michael Lallemand, MD, John McClellan, Joshua Smith, DO, Shannon Marko, DVM, Matthew Eckert, MD, Matthew Martin, MD,1 ‘Madigan Army Medical Center

MS22 SURVEY RESULTS OF GENERAL SURGEONS’ EXPERIENCE WITH EMERGENCY NEUROSURGICAL PROCEDURES Jordan Guice, MD, MPH, Jennifer Gurney, MD, MPH; Beach Bum Fund, Savannah, GA, ‘SAMMC, ‘75th Medical Wing, Lackland AFB, ‘Brooke Army Medical Center

MS23 DEVELOPING AN IMPROVED MORTALITY PREDICTION SCORE FOR COMBAT CASUALTIES Anders Davidson, MD,1 Judson Janak, PhD,1 Jeff Howard, PhD,1 Ian Stewart, MD,1 ‘David Grant Medical Center, ‘U.S. Army Institute of Surgical Research

18 Surgical Spring Week · SAGES 2017 · March 22 - 25, 2017 · www.sages2017.org
Wednesday, March 22, 2017

LEARNING THEMES:
- AC: Acute Care
- PE: Professional/Economic
- AE: Academic/Educational
- NS: New technologies/Skill acquisition

GUIDELINES:
- *Educational Mission Statement*

8:00 AM - 10:00 AM  SS01 Biliary

**Moderator:** Maurice E. Arregui, MD; **Co-Moderator:** George S. Ferzli, MD

- **S001 LAPAROSCOPIC CBD EXPLORATION- AN EXPERIENCE OF MORE THAN 250 CASES AT A SINGLE CENTRE** Krishna Asuri, MS, Bansal Virinder, MS, Misra Mahesh, MS; all india institute of medical sciences
- **S002 LAPAROSCOPIC COMMON BILE DUCT EXPLORATION, LONG-TERM FOLLOW-UP AT TEXAS ENDOSURGERY INSTITUTE** Morris E Franklin Jr, MD, FACS, Miguel A Hernandez, MD, Jeffrey L Glass, MD, FACS, Matthew Brown, MD, Jaime Diaz, MD; Texas Endosurgery Institute
- **S003 T-TUBE VERSUS BILIARY STENT IN LAPAROSCOPIC COMMON BILE DUCT EXPLORATION: PROSPECTIVE RANDOMIZED TRIAL** Vv. Gubnik, Oj. Tkachenko, Vv. Ilyasheko, Ei. Shapovalova; Odessa national medical university, Ukraine
- **S004 PREDICTIVE FACTORS ASSOCIATED WITH CHOLANGITIS FOLLOWING ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY** Joshua Tierney, MD, Neal Bhatnani, MD, Bryce Stamp, BS, John Richey, MD, Michael H Bahr, MD, Gary C Vitale, MD; University of Louisville Department of Surgery
- **S005 3 DECADES LATER: INVESTIGATING THE RATE OF AND RISK FACTORS FOR CONVERSION FROM LAPAROSCOPIC TO OPEN CHOLECYSTECTOMY** Steven J Coffin, MSIV1, Peter Callas, PhD1, Sean Wrenn, MD2, Wasef Abu-Jaish, MD, FACS, FASM, BS3; ‘University of Vermont College of Medicine, 1University of Vermont Medical Center
- **S006 INTRODUCTION OF A JAPAN-KOREA-TAIWAN COLLABORATIVE PROJECT: DEFINING THE SURGICAL DIFFICULTY DURING LAPAROSCOPIC CHOLECYSTECTOMY** Taizo Hibi, MD, PhD2, Yukio Iwashita2, Tetsuji Ohyama2, Goro Honda2, Masahiro Yoshida2, Tadahiro Takada1, Ho-Seong Han1, Tsann-Long Hwang1, Go Wakabayashi3, Masakazu Yamamoto3; ‘Keio University School of Medicine, 1Otta University Faculty of Medicine, 2Tokyo Metropolitan Komagome Hospital, 3International University of Health and Welfare, 4Teikyo University School of Medicine, 5Seoul National University Bundang Hospital, 6Lin-Kou Chang Gung Memorial Hospital, 7Ageo Central General Hospital, 8Tokyo Women’s Medical University
- **S008 VIDEO ASSESSMENT OF THE CRITICAL VIEW OF SAFETY: NO CONSENSUS EXISTS** Benjamin Carr, MD, Niki Matusko, BS, Gurjit Sandhu, PhD, Oliver Varban, MD; University of Michigan
- **S009 CHARACTERIZATION OF BILIARY INJURY AFTER LAPAROSCOPIC CHOLECYSTECTOMY IN A HIGH-VOLUME HOSPITAL SYSTEM** Julia F Kohn1, Alexander Trenk1, Brittany Lapin1, John G Linn2, Stephen Haggerty2, Woody Denham2, Ray Joehl1, Michael B Ujiki1; ‘University of Illinois at Chicago Medical School, 1Department of Surgery, Section of Minimally Invasive Surgery, NorthShore University HealthSystem
- **S010 BILE DUCT INJURY AND MORBIDITY FOLLOWING CHOLECYSTECTOMY: A NEED FOR IMPROVEMENT** Meredith Barrett, MD1, Dana Telem, MD, MPH1, Horacio Asbun, MD2, Michael Brunt, MD2; ‘University of Michigan, 1Mayo Clinic Jacksonville, 2Washington University in St. Louis
- **S011 Withdrawn**
- **S012 INCREASING COMMON BILE DUCT INJURY AND DECREASING UTILIZATION OF INTRA-OPERATIVE CHOLANGIOGRAPHY AND COMMON BILE DUCT EXPLORATION OVER 14 YEARS. AN ANALYSIS OF OUTCOMES IN NEW YORK STATE.** Maria Altieri, MD, Jie Yang, PhD, Chencan Zhu, MS, Nabeel Obeid, MD, Andrew Bates, MD, Mark Talamin, MD, Aurora Pryor, MD; Stony Brook Medical Center

8:00 AM - 10:00 AM  SS02 Bariatric and Metabolic Surgery

**Moderator:** Ashley S. Vergis, MD; **Co-Moderator:** John R. Romanelli, MD

- **S013 UNDERSTANDING INTESTINAL GLUCOSE TRANSPORTER EXPRESSION IN OBESE COMPARED TO NON-OBESE SUBJECTS** Rebecca A Deal, MD, Yueming Tang, PhD, Reid Fletcher, MD, MPH, Alfonso Torquati, MD, MSCI, Philip Omotosho, MD; Rush University Medical Center
- **S014 VARIATION IN PSYCHOLOGICAL WELL-BEING AND BODY IMAGE IN PATIENTS BEFORE AND AFTER BARIATRIC SURGERY** Alirio DeMeireles1, Ruth Cassidy, MS1, Rachel Ross, RN, MS1, Amanda Stricklen, RN, BS1, Arthur M Carlin, MD2, Jonathan F Finks, MD3, Amir A Ghaferi, MD, MS1; ‘University of Michigan, 1Henry Ford Health System
- **S015 MOBILE HEALTH APPLICATIONS, DO THEY ENHANCE WEIGHT LOSS EFFICACY FOLLOWING BARIATRIC SURGERY?** Christopher W Mangieri, MD, Rebekah J Johnson, MD, Yong U Choi, MD, Joseph C Wood, MD; Dwight D. Eisenhower Army Medical Center
- **V001 SUPERIOR MESENTERIC ARTERY SYNDROME FOLLOWING GASTRIC BYPASS** Brandon Andrew, MD, Anita Courcoulas, MD, FACS, Giselle Hamad, MD, FACS, Ramesh Ramanathan, MD, FRCS, Bestoun H Ahmed, MD, FACS, FRCS, FASMBS; University of Pittsburgh Medical Center
- **S016 UNSEDATED TRANSNASAL ENDOSCOPIC EVALUATION OF BARIATRIC PATIENTS** Raquel E Redondo, MD1, Blake Movitz, MD2, Rami Lutfi, MD1; ‘Anne Arundel Medical Center, 1UIUC Metropolitan Group Hospital Residency, 2Presence Saint Joseph Hospital
- **S017 BARIATRIC SURGERY IS ASSOCIATED WITH RENAL FUNCTION IMPROVEMENT** Carla Holcomb, MD, MSPH, Lauren Goss, MSPH, Amandiy Liwo, MD, MSPH, Jayleen Grams, MD, PhD, Ammar Almehmi, MD, MSPH, Richard Stahl, MD, Britney Corey, MD; University Of Alabama At Birmingham
- **S018 BARIATRIC SURGERY INCREASES RISK OF BONE FRACTURE** Anna Z Fashandi, MD, J Hunter Mehaffey, MD, Robert B Hawkins, Bruce D Schirmer, Peter T Hallowell; University of Virginia
- **S019 FRAMINGHAM-BMI SCORE REDUCTION AFTER A BARIATRIC SURGERY- SINGLE INSTITUTION EXPERIENCE.** David Gutierrez Blanco, MD, David Romero Fonse, MD, Srisita Madiraj, MS, FAU, Federico Perez Quirante, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

*S001 Biliary includes S005*
V002 TOTALLY ROBOTIC ROUX-EN-Y GASTRIC BYPASS: SINGLE-DOCK TECHNIQUE
Jeremy M Linson, MD, Michael Latzko, MD, Ziad Awad, MD, FACS, Bestoun Ahmed, MD, FRCS, FACS, FASMBS; University of Florida College of Medicine Jacksonville

S020 COMPARATIVE ANALYSIS OF THE SINGLE ANASTOMOSIS DUODENAL SWITCH 300CM COMMON CHANNEL TO ESTABLISHED BARIATRIC PROCEDURES: AN ASSESSMENT OF 18 MONTHS POSTOPERATIVE DATA ILLUSTRATING WEIGHT LOSS, RISK PROFILE, AND NUTRITIONAL STATUS
Paul E Enochs, MD, FACS, FASMBS, David Pilati, MD, AFACS, Jon Bruce, MD, FACS, FASMBS, Scott Bovard, MD, FACS, FASMBS, Michael Tyner, MD, FASMBS; Bariatric Specialists of North Carolina

S021 HIATAL HERNIA REPAIR USING BIOSYNTHETIC MESH REINFORCEMENT WHEN PERFORMING BARIATRIC SURGERY
Matt Pfister, MD, Abby Navratil, MD, Andrea Schwoerer, MD, Keith Gersin, MD, Timothy Kuwata, MD; Carolina Medical Center

S022 BARRETT’S ESOPHAGUS BEFORE AND AFTER ROUX EN Y GASTRIC BYPASS FOR SEVERE OBESITY
Robert Fanelli, MD, FACS, Joshua Alley, MD, FACS, Brandon Andrew, MD; Robert Packer Hospital

V003 UPPER GASTROINTESTINAL BLEEDING AFTER ROUX-EN-Y GASTRIC BYPASS
Nabeel R Obeid, MD, Timothy Snow, DO, Andrew Bates, MD, Aurora D Pryor, MD; Stony Brook Medicine, Department of Surgery

S023 THE IMPACT OF BARIATRIC SURGERY ON INSULIN-TREATED TYPE 2 DIABETES PATIENTS
Mehran Anvari, MB, BS, PhD, FRCSC, FACS, Ruth Breau, BA, Dennis Hong, MD, MSc, FRCS, FACS; Scott Smora, MD, FRCS, FACS; McMaster University, Centre for Surgical Invention and Innovation

S024 A PROSPECTIVE RANDOMIZED CLINICAL TRIAL FOR LONG TERM OUTCOME IN DIABETES CONTROL AFTER BARIATRIC SURGERY; COMPARISON BETWEEN LAPAROSCOPIC SLEEVE GASTRECTOMY AND LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS
Ajjana Techagumpuch, MD, Khanikarn Augsonchat, MD, Chadin Tharavej, MD, Suppa-ut Pungpapong, MD, Patpong Navicharern, MD, Suthep Udomsawaengsup, MD; Thammasat University, King Chulalongkorn Memorial University

8:00 AM - 12:00 PM *Included in Registration SuperPass (Option A) or Registration Option B

SAGES University Masters Series: Colorectal “The Road to Success - MIS approaches to the Sigmoid Colon and Upper Rectum”
Chair: John Marks, MD | Co-Chair: Mark Whiteford, MD

SESSION DESCRIPTION
Over 250,000 colorectal resections are performed in the USA annually. Less than 50%, however, are being done using a minimally invasive approach. This session will focus on the indications for and strategies to successfully perform laparoscopic left colectomy and LAR.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify problem areas in performing laparoscopic take down of the splenic flexure and learn different techniques to approach a difficult flexure
• Formulate a minimally invasive operative plan for the treatment of diverticulitis
• Develop a reproducible operative approach for a laparoscopic and/or robotic left colectomy and pTME resection
Wednesday, March 22, 2017

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Introduction</td>
<td>John Marks, MD</td>
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<tr>
<td>8:10AM</td>
<td>Splenic Flexure Release: Anatomic Relations and Three Approaches - Inframesocolic,</td>
<td>Giovanni Dapri, MD, PhD</td>
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<td>Supramusocolic, and Lateral to Medial</td>
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<tr>
<td>8:30AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>8:40AM</td>
<td>Sigmoid Cancer: Laparoscopic Approaches, Options, and Cancer Principles</td>
<td>Tonia Young-Fadok, MD</td>
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<tr>
<td>9:00AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>9:10AM</td>
<td>Multiport Left Colectomy: Anatomic Highlights and Danger Areas:</td>
<td>John Marks, MD</td>
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<td>How to Organize to Succeed</td>
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<tr>
<td>9:30AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>9:40AM</td>
<td>Current Indications for Laparoscopic Surgical Treatment of Diverticulitis:</td>
<td>Jonathan Efron, MD</td>
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<td>Washout, Resection, Hartmann’s, Role of Stents</td>
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<td>10:00AM</td>
<td>Q&amp;A / Discussion</td>
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<td>10:30AM</td>
<td>Break</td>
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<tr>
<td>10:30AM</td>
<td>Three Trocar Technique of Left Colectomy: Organization and Execution of the Procedure Including the Framework for Single Port and Ultimately taTME Surgery</td>
<td>Cristiano Huscher, MD</td>
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<td>10:50AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>11:00AM</td>
<td>Robotic Left Colectomy and pTME: Set-up and Approaches with Si and Xi Systems</td>
<td>Craig Johnson, MD</td>
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<tr>
<td>11:20AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>11:30AM</td>
<td>pTME Resection: TME Planes and Plans for Surgery in the Upper to Mid Rectum</td>
<td>Conor Delaney, MD, PhD</td>
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LEARNING THEMES:

| C | Colorectal               |
| R | Robotics                 |

GUIDELINES:

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

SAGES acknowledges educational grants in support of this course from Applied Medical and Stryker Endoscopy

8:00 AM - 12:00 PM

Postgraduate Course: Get Published - How to Write a Scientific Manuscript

Chair: Mark Talamini, MD | Co-Chair: Abe Fingerhut, MD

SESSION DESCRIPTION

Publish or perish!!! Credit for advances in surgery are marked by successful publication in peer reviewed journals, and are the single most important element of surgical career development.

SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:
- Articulate the types of manuscripts and the components of a scientific manuscript
- Construct a surgical scientific manuscript, prepare it for publication, and improve it’s likelihood of acceptance through critical appraisal and editing
- Manage and navigate the peer review process

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Why write and publish?</td>
<td>Mark Talamini, MD</td>
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<tr>
<td>8:15AM</td>
<td>Types of publications</td>
<td>Luigi Boni, MD</td>
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<tr>
<td>8:30AM</td>
<td>Writing style</td>
<td>Abe Fingerhut, MD</td>
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<tr>
<td>9:00AM</td>
<td>IMRAD structure part I (title, abstract, introduction)</td>
<td>Abe Fingerhut, MD</td>
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<tr>
<td>10:00AM</td>
<td>IMRAD structure part II (Material and methods, results, discussion, conclusion)</td>
<td>Abe Fingerhut, MD</td>
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<tr>
<td>11:00AM</td>
<td>How to express results (Tables and Figures)</td>
<td>Luigi Boni, MD</td>
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<tr>
<td>11:45AM</td>
<td>What statistical tests to use and when</td>
<td>Abe Fingerhut, MD</td>
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LEARNING THEMES:

| AE | Academic/Educational               |
| NS | New technologies/Skill acquisition  |

NATIONAL PRIORITIES

@SAGES_Updates  www.facebook.com/SAGESSurgery
Wednesday, March 22, 2017

Postgraduate Course: Robotic Hernia Surgery - What Can Robotics Add to my Hernia Armamentarium?
Chair: Ajita Prabhu, MD | Co-Chair: Andrew Bates, MD

SESSION DESCRIPTION
The diversity of hernia repair techniques has greatly increased over the past 10 years, granting surgeons a multitude of therapeutic options. Robotic hernia surgery offers an additional option that can provide patients with a minimally-invasive procedure when laparoscopic surgery may be too technically challenging. Concerns persist, however, over the costs of robotic surgery and the training required.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognize the appropriate role and applications for robotic surgery in hernia repair
• Appraise the economic and clinical value of robotic hernia repair
• Establish prospective clinical monitoring of robotic hernia surgery outcomes in their institutions
• Identify basic clinical anatomy and surgical technique for the repair of inguinal and ventral hernias using robotic technology

ACTIVITY OUTLINE

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<th>Time</th>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Where's the Evidence? A Data Update on Robotic Hernia Repair</td>
<td>Alfredo Carbonell, DO</td>
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<tr>
<td>8:15AM</td>
<td>Introducing New Technology: Ways to Follow Your Outcomes</td>
<td>Justin Dimick, MD, MPH</td>
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<td>8:30AM</td>
<td>Assessing the Costs of Our Operations – Which Numbers Are Important?</td>
<td>Sricharan Chalikonda, MD</td>
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<td>8:45AM</td>
<td>Q &amp; A</td>
<td>Panel</td>
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<tr>
<td>8:55AM</td>
<td>Robotic Inguinal Hernia Repair: First, Master the Anatomy</td>
<td>David Chen, MD</td>
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<td>9:10AM</td>
<td>Robotic Inguinal Hernia Repair: Technique – Tips and Tricks</td>
<td>Shirin Towfigh, MD</td>
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<td>9:25AM</td>
<td>Robotic Inguinal Hernia Repair at time of Prostatectomy</td>
<td>Eduardo Parra-Davila, MD</td>
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<td>9:40AM</td>
<td>Q &amp; A</td>
<td>Panel</td>
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<td>9:50AM</td>
<td>Break</td>
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<tr>
<td>10:00AM</td>
<td>rIPOM vs. rTAPP: Which Technique for Which Patient?</td>
<td>Conrad Ballecer, MD</td>
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<td>10:15AM</td>
<td>Robotic Umbilical and Ventral Hernia Repair: Technique – Tips and Tricks</td>
<td>James Bittner, MD</td>
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<td>10:30AM</td>
<td>rTAR – Future or Fad?</td>
<td>Jeremy Warren, MD</td>
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<td>10:45AM</td>
<td>Q &amp; A</td>
<td>Panel</td>
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<td>11:00AM</td>
<td>The Impact of Social Media on Adoption of Robotic Hernia Repair</td>
<td>Brian Jacob, MD</td>
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<td>11:15AM</td>
<td>Is There a Role for Training Residents on the Robot?</td>
<td>Linda Zhang, MD</td>
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<td>11:30AM</td>
<td>Debate: The Robot Offers No Advantage for Hernia Repair</td>
<td>William Hope, MD</td>
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<td>11:40AM</td>
<td>Debate: The Robot Is Here To Stay and Here’s Why</td>
<td>Ajita Prabhu, MD</td>
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<td>11:50AM</td>
<td>Q &amp; A</td>
<td>Panel</td>
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LEARNING THEMES:
- Hernias
- Robotics

GUIDELINES:
• A Consensus Document on Robotic Surgery
• Guidelines for the Introduction of New Technology and Techniques

NATIONAL PRIORITIES

Wednesday, March 22, 2017

10:00 AM - 12:00 PM  SS03  Foregut 1

Moderator: Subhash U. Kini, MD; Co-Moderator: Marc George Mesleh, MD

SS025 LARYNGOPHARYNGEAL PH MONITORING (RESTECH) – CORRELATION WITH CONVENTIONAL 24-HOUR ESOPHAGEAL PH MONITORING USING A LARGE PATIENT COLLECTIVE OF 100 PATIENTS WITH SUSPECTED GASTROESOPHAGEAL REFLUX DISEASE
Hans F Fuchs, MD, Sebastian Brinkmann, MD, Dolores Mueller, Martin Maus, Marc Bludau, MD, Wolfgang Schroeder, Professor, Christiane J Bruns, Professor, Jessica M Leers, MD; University of Cologne, Department of General Surgery, Cologne Germany

V004 LAPAROSCOPIC REPAIR OF A GIANT PARAESOPHAGEAL HERNIA WITH CRURAL RELAXING INCISION AND COLLIS GASTROPLASTY
Ezra N Teitelbaum, MD, Marc A Ward, MD, Ahmed M Sharata, MD, Christy M Dunst, MD, Kevi$ M Reavis, MD, Lee L Swanstrom, MD; Steven R DeMeester; The Oregon Clinic

S026 CLINICOPTHLOGICAL STUDY OF ESOPHAGECTOMIZED SPECIMENS IN PATIENTS WITH ENDOSCOPIC COMPLETE RESPONSE FOLLOWING CHEMORADIATION IN LOCALLY ADVANCED ESOPHAGEAL CANCER
Chadin Tharavej, Patpong Navicharetn, Supaut Pungpaopong, Krit Kittisin, Suthep Udomsaweangsup; Chulalongkorn University

S027 MINIMALLY INVASIVE (MI) IVOR LEWIS AND MCKEOWN ESOPHAGECTOMIES: COMPARISON OF PERI-OPERATIVE COMPLICATIONS
Andrew M Brown, MD, Michael J Pucci, MD, Adam Berger, MD, Talar Tatarian, MD, Nathaniel Evans III, MD, Ernest Rosato, MD, Francesco Palazzo, MD; Thomas Jefferson University Hospital

S028 THE ROLE OF PREOPERATIVE HIGH RESOLUTION MANOMETRY IN PREDICTING DYSPHAGIA AFTER LAPAROSCOPIC NISSEN FUNDOPLICATION
Sonam Kapadia, MD, Turner Osler, MD, Allen Lee, MD; Edward Borrazzo, MD; 1Harbor-UCLA Medical Center, 2University of Michigan Health System

V006 THORACO-LAPAROSCOPIC ESOPHAGECTOMY WITH RIGHT COLON INTERPOSITION FOR CORROSIVE STRICTURE OF ESOPHAGUS
C Palanivelu, MS, FACS, FRCS, DSc, R Parthasarathi, P Senthilnathan, MS, FMAS, DNB, S Rajapandian, MS, FRCS, FMAS, P Praveen Raj, MS, FMAS, N Ramesh, MS, M Bharath Cumar, MS, S Saravana Kumar, MS; GEM Hospital & Research Centre

S029 IMPACT OF SURGICAL APPROACH ON PERIOPERATIVE AND LONG-TERM OUTCOMES FOLLOWING ESOPHAGECTOMY FOR ESOPHAGEAL CANCER.
Negar Ahmadi, MD, MSc, Agnes Cnic, MSc, Andrew J Seely, MD, PhD; Sudhir R Sundaresan, MD; P James Villeneuve, MD, PhD; Donna E Maziak, MD, MSc; Farid M Shamji, MD; Sebastien Gilbert, MD; 1Department of General Surgery, University of Ottawa, Ottawa, Canada, 2Faculty of Medicine, University of Ottawa, Ottawa, Canada, 3Division of Thoracic Surgery, The Ottawa Hospital, University of Ottawa, Ottawa, Canada

V007 PERFORATED RECURRENT PARAESOPHAGEAL HERNIA (VIDEO)
Ahmed Sharata, MD, Chrissy Dunst, MD, Marc Ward, MD; Ezra Teitelbaum, MD, MD; Steven DeMeester, MD, Lee Swanstrom, MD; 1Oregon Clinic/GMIS, 2Portland Providence Cancer Center

S030 RESULTS OF THORACO- LAPAROSCOPIC ESOPHAGECTOMY FOR ESOPHAGEAL CANCER: EXPERIENCE OF 70 CASES AT UNIVERSITY MEDICAL CENTER Vo D Long, MSc, Nguyen H Bac, Prof, Nguyen V Tuan Anh, Nguyen V Hai, Tong P Quang Trung, Ho L Minh Quoc; University Medical Center

V008 LAPAROSCOPIC TAKEDOWN OF MUSE AND CONVERSION TO NISSEN FUNDOPLICATION
Mahmoud Selim, MD, Research Fellow Surgery, Steven P Bowers, MD, Associate Professor Surgery; Mayo Clinic, Jacksonville, Florida, USA

S031 INTERIM RESULTS OF A PROSPECTIVE MULTICENTER REGISTRY OF LOWER ESOPHAGEAL SPHINCTER STIMULATION FOR GERD
Joachim Labenz, Henning Schulz, Andreas Leodolter, Jan Pedersen, Alejandro Nieponice, Ralf Weise, Nicole Bouvy; 1Diakonie Klinikum, Evangelisches Krankenhaus Castrop-Rauxel, 2Evangelisches Krankenhaus Herne, 3Aarhus University Hospital, 4Fundacion Favaloro, 5St.-Marien-Hospital, 6Maastricht University Medical Center
Postgraduate Course: Primary Endoscopic Management of the Bariatric Patient

Chair: Matthew Kroh, MD | Co-Chair: Salman Al-Sabah, MD

SESSION DESCRIPTION
The obesity epidemic continues and despite the success of bariatric surgery, many patients with significant disease are not receiving or are not eligible for existing therapies. Endoluminal treatments for obesity and weight-related conditions provide additional non-surgical options for patients. Rapid development and recent approvals are giving patients access to new treatments. This session will examine the currently available endoluminal therapies approved to treat obesity and weight-related disease as well as introduce some novel and evolving technologies. Emphasis will be on patient eligibility and selection, technique of procedure, and existing data to help guide endoscopists and surgeons.

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

• Distinguish different endoluminal targets and mechanism of action of procedures for primary treatment of obesity
• Identify which patients who are eligible for different endoluminal therapies, including selection based on BMI, weight-related co-morbid disease, and existing anatomy
• Assess data and demonstrate practice paradigms of how endoluminal therapies fit within the context of a comprehensive bariatric program

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30AM</td>
<td>Welcome and Introduction</td>
<td>Matthew Kroh, MD</td>
</tr>
<tr>
<td>10:35AM</td>
<td>Bariatric endoscopy training: Do we need certification?</td>
<td>Bipan Chand, MD</td>
</tr>
<tr>
<td>10:45AM</td>
<td>Maximizing outcomes: Pre- and post-procedural planning</td>
<td>John Rodriguez, MD</td>
</tr>
<tr>
<td>10:55AM</td>
<td>Where we are now and what's next? Approved balloons and what's on the horizon</td>
<td>Marina Kurian, MD</td>
</tr>
<tr>
<td>11:05AM</td>
<td>Optimizing a balloon practice: Tips and tricks</td>
<td>Salman Al-Sabah, MD</td>
</tr>
<tr>
<td>11:15AM</td>
<td>Primary endoscopic suturing for weight loss</td>
<td>Natan Zundel, MD</td>
</tr>
<tr>
<td>11:25AM</td>
<td>Endoscopic liner therapy and ablative treatment</td>
<td>Bryan Sandler, MD</td>
</tr>
<tr>
<td>11:35AM</td>
<td>Aspiration therapies and novel endoluminal interventions for obesity treatment</td>
<td>Kevin Reavis, MD</td>
</tr>
<tr>
<td>11:45AM</td>
<td>Expert Panel</td>
<td>All Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- Bariatrics
- Flexible Endoscopy
- New technologies/Skill acquisition

GUIDELINES:
- Granting of Privileges for Gastrointestinal Endoscopy
- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
- Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques
- Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Role of Endoscopy in the Bariatric Surgery Patient
- Sedation and Anesthesia in GI Endoscopy

NATIONAL PRIORITIES
Wednesday, March 22, 2017

The 11th Annual SAGES Foundation Awards Luncheon

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 2017 Awards Luncheon features awards and research grants presented to outstanding surgeons and educators for their work in minimally invasive surgery and raises funds to keep patient safety and surgical innovation in the forefront.

Welcome and Introductions - Desmond Birkett, MD

SAGES Foundation – Gerald Marks Rectal Cancer Award

Presented by: Desmond Birkett, MD; SAGES Foundation President

Recipient: Jacqueline van Laarhoven, 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: Pathological Results of 187 Patients with Rectal Cancer

Dr. van Laarhoven is a surgical resident from the Netherlands, working in collaboration with Professor Dr. A. Lacy and his team at Hospital Clinic Barcelona. She is focused on minimally invasive and innovation techniques in rectal cancer surgery and providing best patient care.

SAGES Go Global – Best International Paper Acknowledgments

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

Presented by: Jeffrey Hazey, MD; SAGES Global Affairs Committee Chair

Name: Pierre Alleman
Institution: Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, CH and Vrie University Medical Center (VUMC), Amsterdam, NL
Abstract: Completely Minimally Invasive Esophagectomy for Cancer with Intrathoracic Anastomosis: A Simple and Reproducible Technique in Prone Position
Country: Switzerland

Name: Akinari Nomura
Institution: Saga University
Abstract: A Novel Evacuation System Enables Surgeons to Perform Laparoscopic Total Mesorectal Excision with High Precision Using an Electric Scalpel Alone
Country: Japan

Name: Arslan Pannu
Institution: The Central Manchester University Hospitals, The Royal Blackburn Hospital, Blackburn, UK, and The Royal Oldham Hospital, Manchester, UK
Abstract: Laparoscopic Peritoneal Lavage Versus Sigmoidectomy for Management of Perforated Diverticulitis: Meta-Analysis of Randomized Controlled Trials
Country: United Kingdom

Name: Eham L Arora
Institution: Grant government medical college & Sir J.J. group of Hospitals, Mumbai, India, and Government Medical College and Hospital, Nagpur, India
Abstract: Laparoscopic Lateral Pancreaticojejunostomy Stapled and Sutured Techniques.
Country: India

Name: Pablo Achurra
Institution: Department of Gastrointestinal Surgery, Pontificia Universidad Católica de Chile and Hospital Sotero del Río, Santiago, Chile
Abstract: Laparoscopic Four-duct Hepatojejunal Anastomosis in Severe Mirizzi Syndrome
Country: Chile
Wednesday, March 22, 2017

SAGES IRCAD Fellowship Award

Recipient: Iswanto Sucandy, 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. Sucandy is Minimally Invasive Surgery/Advanced Gastrointestinal Surgery trained at Yale University School of Medicine, New Haven, CT. While further developing minimally invasive robotic liver surgery program at Florida Hospital Tampa, Dr. Sucandy maintains an active research agenda in the areas of Gastrointestinal Surgery, Liver, Pancreas and Biliary Surgical Oncology, more specifically in the outcomes of minimally invasive liver surgery. He is an active academic contributor in a wide variety of Gastrointestinal and Hepatobiliary journals, as well as surgery bookchapters. Dr. Sucandy has been an active member of SAGES, Society of Surgical Oncology, Southeastern Surgical Congress, and Americas Hepato-Pancreato-Biliary Association. He is looking forward to expand his horizons and learn all aspects of surgical HPB disease management from the European colleagues at IRCAD. Dr. Sucandy's short term goal is to bring the knowledge and expertise in minimally invasive HPB surgery back to United States. His long-term goal is to develop a comprehensive Foregut and HPB Center with excellence in clinical service, teaching/education and research.

SAGES gratefully acknowledges support from Karl Storz Endoscopy

SAGES Advocacy Summit Award

Recipient: Dana Telem, MD

The ACS’s Leadership & Advocacy Summit offers volunteer leaders and advocates comprehensive and specialized sessions focused on the tools needed to be an effective leader, followed by interactive advocacy training and coordinated visits to DC congressional leaders. The purpose of sponsoring attendance to this four day summit is to promote individuals as leaders in advocacy and health policy.

Dr. Telem is an Associate Professor of Surgery the University of Michigan and serves as the Director for their Comprehensive Program in Hernia. Her academic interests lie in health services research with a focus on development and implementation of innovative solutions to healthcare delivery for the express purpose of improving patient outcomes. At SAGES, Dr. Telem currently serves as Co-chair of the Safe Cholecystectomy task force and also participates on several committees dedicated to research, quality and patient safety. Her interests in quality and policy are long standing. With this award, Dr. Telem is hoping to learn how to better navigate within the political and health policy forum and serve as an advocate for SAGES and its membership.

SAGES Brandeis Award

Recipient: Dean Mikami, MD and Eric Weiss, 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. Mikami completed a fellowship in minimally invasive surgery at The Ohio State University and was on the faculty at Ohio State from 2004 to 2016. He now returns home to be Chief of Surgery for the John A. Burns School of Medicine (JABSOM) and Associate Professor of Surgery at the University of Hawai‘i at Mānoa. Dr. Mikami has continued his work in minimally invasive surgery of the GI tract, hernia repair, bariatric surgery and advanced endolumenal therapies. He is one of pioneers in endolumenal bariatric surgery and specializes in complex abdominal wall repair, surgical endoscopy, and foregut surgery and has trained over 1000 surgeons throughout the world. He is an active member of SAGES and currently serves as the Chair of the Educational Resource Committee and a member of the Bariatric, FUSE and Bariatric Endoscopy committees. Attending Brandeis, Dr. Mikami hopes to improve his leadership and knowledge base in healthcare policy and management. He feels the future of surgery lies in the ability to understand health care economics and the future of minimally invasive technology.

Dr. Weiss is the current Chief Academic Officer, the Center Director for the Education Center, the Designated Institutional Official and Chairman of Graduate Medical Education as well as the former Vice Chairman of the Department of Colon and Rectal Surgery at Cleveland Clinic Florida. In his role as Education Center Director, Dr. Weiss oversees Graduate Medical Education, Medical Student Education, Continuing Medical Education, Observership Programming, and the Medical Library. He had dedicated his non clinical practice to surgical education and has participated in numerous committees related to education for many surgical and educational societies. Dr. Weiss believes that further personal development with Brandeis course will allow him to better serve his institution, his patients and his trainees. In addition the knowledge gained and perspectives gained by attending such a course will help him to participate fuller in panels and sessions at SAGES and other meetings imparting that knowledge to others.

SAGES gratefully acknowledges support by SAGES Foundation for one Brandeis Scholarship.
**Wednesday, March 22, 2017**

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### 2nd SAGES/AIG Flexible Endoscopy Fellowship Award

Presented by: Daniel Scott, MD; SAGES President & Representative from Boston Scientific  
Recipient: Lee Morris, MD  

SAGES gratefully acknowledges support by Boston Scientific

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### SAGES 2017 Research Grant Awards

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

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Institution</th>
<th>Title</th>
<th>Supported by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eran Shlomovitz</td>
<td>Toronto General Hospital</td>
<td>Flexible endoscopic skills training through adaptation of the “Fundamentals of Laparoscopic Surgery” box, development of a scoring system and correlation with GAGES and FES scores.</td>
<td>Boston Scientific</td>
</tr>
<tr>
<td>Julian Varas Sr.</td>
<td>Pontificia Universidad Católica de Chile</td>
<td>The MITO project</td>
<td>SAGES Education and Research Foundation</td>
</tr>
<tr>
<td>Valentine Nfongen Nfonsam</td>
<td>University of Arizona</td>
<td>Does Up-regulation of COMP Gene Confer Aggressiveness in Early-onset Colon Cancer?</td>
<td>SAGES Education and Research Foundation</td>
</tr>
<tr>
<td>Jerry Dang</td>
<td>University of Alberta</td>
<td>The Microbiology of Bariatric Surgery</td>
<td>SAGES Education and Research Foundation</td>
</tr>
</tbody>
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### Investigative Robotic Surgery Grant Recipients

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Institution</th>
<th>Title</th>
<th>Funded by</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ara W Darzi, MD</td>
<td>Imperial College London</td>
<td>Multimodal Mapping for Robotic Surgery: Fusing Rapid Evaporative Ionisation Mass Spectrometry (REIMS) with 3D Ultrasound Imaging in a Robust Tracking Framework</td>
<td>Intuitive Surgical</td>
</tr>
<tr>
<td>Dmitry Oleynikov, MD</td>
<td>University of Nebraska Medical Center</td>
<td>Ergonomics of Robotic Surgery: Survey and Analysis of Muscle Effort and Fatigue</td>
<td>Intuitive Surgical</td>
</tr>
<tr>
<td>Douglas Marvin Overbey, MD</td>
<td>University of Colorado</td>
<td>Characterizing Energy Use and Stray Energy Transfer during Single Site and Traditional Robotic Surgery.</td>
<td>Intuitive Surgical</td>
</tr>
<tr>
<td>Vernissia Wei-Si Tam, MD</td>
<td>University of Pittsburgh</td>
<td>Robotic Surgery: Does Functional Recovery and Quality of Life Improve?</td>
<td>Intuitive Surgical</td>
</tr>
<tr>
<td>Jeremy Aaron Warren, MD</td>
<td>Greenville Health System</td>
<td>Open Robotic versus RetrOmuscular Incisional Hernia Repair; ORREO trial</td>
<td>Intuitive Surgical</td>
</tr>
</tbody>
</table>
2017 Quality Improvement Project Awards

Recipient: Anahita Jalilvand
Institution: The Ohio State Wexner Medical Center
Title: Care Coaching as a Tool for Improved Patient Outcomes after Bariatric Surgery

Recipient: Yalini Vigneswaran
Institution: University of Chicago Residency
Title: Educating Surgeons May Allow for Reduced Intraoperative Costs for Inguinal Herniorrhaphy

Recipient: Brian Nguyen
Institution: Beth Israel Deaconess Medical Center, Harvard Medical School
Title: Rationale and Barriers to Implantation of FUSE Program

Recipient: Danny Mou
Institution: Brigham and Women’s Hospital
Title: The Interactive Morbidity and Mortality Conference: an Innovative Platform for Quality Improvement

Recipient: Kathleen Coakley
Institution: Carolinas Medical Center
Title: A Quality Improvement Initiative: The Carolinas Established Surgical Preoperative Algorithm (CESPA)

Recipient: Eric Pauli, MD
Institution: Case Medical Center in Cleveland, Ohio
Title: Educating Surgeons May Allow for Reduced Intraoperative Costs for Inguinal Herniorrhaphy

Recipient: Yalini Vigneswaran
Institution: University of Chicago Residency
Title: Educating Surgeons May Allow for Reduced Intraoperative Costs for Inguinal Herniorrhaphy

Recipient: Brian Nguyen
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Title: The Interactive Morbidity and Mortality Conference: an Innovative Platform for Quality Improvement

Recipient: Kathleen Coakley
Institution: Carolinas Medical Center
Title: A Quality Improvement Initiative: The Carolinas Established Surgical Preoperative Algorithm (CESPA)

SAGES Researcher in Training Award

Recipient: Yalini Vigneswaran, 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. Vigneswaran is a surgical resident at University of Chicago Medical Center. Her academic contributions to the field of minimally invasive and endoscopic surgery demonstrates great promise for a career in academic surgery with specific contributions to the advancement of minimally invasive and endoscopic surgery. During her residency she has authored 10 peer-reviewed manuscripts and two book chapters specifically in the field of minimally invasive and endoscopic surgery, in addition to a number of presentations at regional and national meetings.

SAGES Young Researcher Award

Recipient: Eric Pauli, 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. Pauli is an Associate Professor of Surgery and the Director of Endoscopic Surgery at the Penn State Hershey Medical Center in Hershey, PA. He completed a fellowship in Laparoscopic Surgery at University Hospitals Case Medical Center in Cleveland, Ohio in 2012. He specializes in therapeutic flexible endoscopy and abdominal wall reconstructive procedures. Dr. Pauli has been extremely active for more than a decade in research, literature review and publication, and teaching in the fields of flexible endoscopy, minimally invasive surgery and novel techniques for abdominal wall reconstruction. He has published in animal models, in human series and with technical models. Despite his relative youth, he has become internationally recognized as a specialist in his fields and is a highly-valued contributing member in SAGES as well as other surgical and endoscopic societies.

SAGES Foundation - Margret Oddsdottir Award

Recipient: Katherine Panganiban, MD
The Oddsdottir Traveling Fellowship honors an international leader in laparoscopic surgery and a beloved member of the SAGES family. Margret Oddsdottir 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. Margret attended SAGES every year, accompanied by as many as 3-10 nurses, residents, medical students and colleagues from Reykjavik.

Dr. Panganiban is a fellow-doctor-in-training in Minimally Invasive & Robotic Surgery (MIRS), St. Luke’s Medical Center (SLMC), Philippines. She completed her General Surgery residency training in the same institution year 2014, and became a diplomat of the Philippine Board of Surgery in 2015. She recently finished her international fellowship rotation for laparoscopic and endoscopic surgery (Upper GI, HPB) in Kyushu University Advanced Treatment Hospital, Fukuoka, Japan. She has been participating in minimally invasive surgery workshops and researches since her residency training. She has been actively involved in telemedicine and a part of the organizing committee of the Telemedicine Network of the Philippines (TNP), established 2016. Also, she is a member of the SLMC-SAGIP Bayan Foundation, Inc., Progressive & Responsive Organization of Pharmacy (PROPharm) University of the Philippines - Manila and Alpha Phi Omega (APO) International, Inc. – University of the East Ramon Magsaysay Memorial Medical Center (UERMMMC) Chapter, and regularly volunteers in medical & surgical missions all over the Philippines.
SAGES Foundation - Excellence in Medical Leadership Award

Recipient: Aurora Pryor, 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. Pryor received her MD from Duke University School of Medicine. She completed her residency in General Surgical Surgery at Duke, followed by a fellowship in laparoscopic surgery. While at Duke, she helped advance the institution’s Surgery Program and developed clinical expertise in numerous areas. She served as Co-Director of the Metabolic and Weight Loss Surgery Program at Duke, and as Chief of General Surgery at Durham Regional Hospital. Moving to New York in 2011, she now serves as Vice Chair of Surgery, Chief of General Surgery and Director of the Bariatric and Metabolic Weight Loss Center at Stony Brook. Her clinical practice includes general GI surgery, bariatrics, foregut and hernia.

Dr. Pryor has trained 25 surgical fellows in minimally invasive and bariatric surgery—surgeons who are now leaders in the field. Dr. Pryor’s work has appeared in more than 60 peer-reviewed publications, and she has co-edited two textbooks. She has made more than 150 presentations worldwide, has received a number of research grants and holds patents for several surgical technologies. Her current research efforts focus on advancing laparoscopic bariatric surgery techniques and outcomes, and on new technology in surgery and surgical training. Dr. Pryor serves on the governing board of SAGES and also chairs the Membership Committee. She is also Chair for the Emerging Technologies and New Procedures Committee for the American Society for Metabolic and Bariatric Surgery (ASMBS), and holds appointments within numerous other professional societies. She serves on the editorial boards of Surgical Endoscopy and Bariatric Times.

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

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

Recipient: Peter Marcello, MD

Dr. Marcello is a Chairman in the Department of Colon and Rectal surgery at the Lahey Clinic in Burlington, Massachusetts. He has performed more than 2500 laparoscopic colorectal procedures including participation in the COST trial comparing open and laparoscopic colectomy for colon cancer and the current ACOSOG trial comparing open and laparoscopic surgery for rectal cancer. Dr. Marcello has made greater than 140 national and international presentations and is widely published in the topic of laparoscopic colon and rectal surgery. He has organized and participated in more than 140 postgraduate courses in teaching laparoscopic colorectal surgery. He is the former chair of the New Technology Committee for the American Society of Colon and Rectal Surgeons and is also the former chair of the Membership Committee of SAGES. He is currently working on the development of laparo-endoscopic techniques of colorectal neoplasia.

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

Dr. Severson is the Co-Founder and Co-Director of the Minnesota Institute for Minimally Invasive Surgery, Director of the Minnesota Reflux and Heartburn Center and Program Director for Advanced GI MIS/Bariatric and Flexible Endoscopy Fellowship. Dr. Severson is member of SAGES Global Affairs committee, facilitating the Global Surgical Curriculum, which provides SCORE-based tele-education on a regular basis to the residents, faculty and private practice surgeons of Haiti.

Dr. Severson has spent over 30 years educating surgeons and medical professionals on every level imaginable in the U.S. and abroad. Even more impressive than that is that Dr. Severson is the Founder and CEO of Project Haiti. Through this effort, he has personally made over 70 trips to the poorest country in the world, with the sole purpose of teaching laparoscopic and endoscopic surgery. He played a huge role in building a state-of-the-art hospital with full minimally invasive surgery capabilities in a town that rarely has running water or power. Not only did he build it, but he taught the people there how to use it. Over the years, he has successfully put on laparoscopic workshops that have allowed people in the poorest country in the world to enjoy the benefits of minimally invasive surgery. The most incredible thing about Dr. Severson though is that he has made all of these incredible contributions to the education of others very quietly, without seeking reward or recognition. He does it because he loves it. He lives for it. His teaching knows no boundaries, and includes medical students, residents, fellows, attendings, in a classroom setting, in the OR, on the podium, in a meeting, on a teleconference, and in the poorest country in the entire world in a building with no power. His dedication is truly inspiring.

Arnold P. Gold Foundation - SAGES Award for Excellence in Humanistic Clinical Care

Recipient: Paul Severson, MD

SAGES gratefully acknowledges support by The Arnold P. Gold Foundation
Wednesday, March 22, 2017

SAGES International Ambassador Award

Recipient: Antonio Lacy, 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. Lacy is the Chief of the Gastrointestinal Surgery Department of the Hospital Clinic de Barcelona (Spain) and Professor of Surgery at the School of Medicine of the University of Barcelona. He is President of Barcelona International Medical Academy. His main interest is minimally invasive surgery and the development of new surgical procedures in the treatment of gastrointestinal cancer and benign diseases, and of metabolic syndrome and morbid obesity. Presently, the main focus is on transanal, transrectal or transcolonic colorectal surgery. Professor Lacy’s team was the first to perform a Total Mesorectal Excision by Transanal Approach in a patient in 2009, and has since refined and improved the technique, with the help of the development of 3D imaging.

Dr. Lacy is one of the leading figures in minimally invasive surgery of both the foregut and colorectal area. He is participated in many SAGES meetings and within a key member of NOSCAR. During his term of leadership in EAES, he was instrumental in forging better relations between SAGES and the European MIS community.

SAGES Pioneer in Surgical Endoscopy Award

Recipient: Michel Gagner, 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. Gagner is Professor of Surgery at Herbert Wertheim College of Medicine, FIU, Montreal; and Senior Consultant at Hopital du Sacre Coeur, Montreal, Canada

In every generation of scientific innovation there are a few people who step up to the precipice and dare to do that which most of their colleagues don’t even consider. It is career challenging, and can be personally detrimental, but these pioneers march on. Michel Gagner is such a surgeon. Dr. Gagner has pioneered in the truest sense many Minimally Invasive procedures, which remain in use/practice today and which have benefited thousands of patients. He is informally recognized as one of the most creative surgical thinkers and skilled technical surgeons of this era. His contributions to the field have not just changed the way we perform certain surgical procedures but how, in fact, we conceptually approach various surgical pathologies. From “I’d never do that!” to “that has really helped my patients.” Is often a long road, but many in this meeting have trod that road following on Michel Gagner’s path.

SAGES Distinguished Service Award

Recipient: Mark Talamini, 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. Talamini is currently Professor and Chairman, Department of Surgery & Chief of Surgical Services at Stony Brook Medicine. Dr. Talamini served on the SAGES Board of Governors since 2001, as Treasurer and was President of SAGES from 2008-2009. He also served as Chair of the Finance Committee, and has been Editor in Chief of Surgical Endoscopy since 2009. Along the way he contributed to Joint NOTES, Publications, and Technology Committees. Dr. Talamini is widely published and is a member of many prestigious national surgical organizations. He is SAGES representative to the American College of Surgeons.

Mark Talamini is committed to SAGES. Despite being past president 8 years ago, he continues to provide enormous amount of volunteer time to our organization on many levels. Mark is a quiet man, but one of action. His ethics, enthusiasm, common sense and vision have been a strong voice for SAGES progress and principles for almost two decades.
SAGES George Berci Lifetime Achievement Award

Presented by: Daniel Scott, MD, SAGES President

Recipient: David Rattner, 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. Rattner is the Warshaw Family Professor of Surgery at Harvard Medical School, Chief Division Gastrointestinal & General Surgery at Massachusetts General Hospital, Boston, MA. He served on the SAGES Board beginning 1999, was Treasurer from 2001-2003, and was President from 2004-2005. He previously chaired the Finance and Continuing Education Committees, and was Program Director for the 2001 Annual Meeting. He also served as Chair of the Joint Journal Committee with EAES and Springer, and an active member of the Publications, Program, Awards and Finance Committees. He organized the 2000 Oncology Postgraduate Course in Atlanta and the 1998 Oncology Course during ACS. He is the founding member of The Center for Integration of Medicine and Innovative Technology (CIMIT) and Co-Director of the Harvard Center for Minimally Invasive Surgery, and has served on the Board of Governors of the American College of Surgeons. He served as a Trustee of the Society for Surgery of the Alimentary Tract and as a Governor of the American College of Surgeons.

David Rattner is innovator, role model, mentor and pioneer. His work in advancing FLS, innovating with CIMIT, and NOSCARS brought the field of surgical endoscopy forward a decade. According to George Berci, for whom this award is named, “David Rattner is a man of absolute integrity, a fierce warrior for new ideas, a great mentor and someone with great generosity of spirit. If David says he will do it, he does. His word is his bond. I am so proud of him.”

Thank you to those SAGES members who annually contribute to the SAGES Research & Education Foundation. The SAGES Foundation could not carry out its mission without the contributions of the dedicated members of SAGES. Your past and future investment towards great projects of surgical education and research is both valued and appreciated. This past year, the SAGES Foundation was able to distribute $508,000 in grants.

Why should YOU support the 80 by 20 Campaign?

The goal of the campaign is to have 80% of SAGES members giving to the Foundation by the year 2020. Did you know:

- The Foundation supports the amazing ground-breaking work that SAGES does: Seed money for FLS, FES, FUSE, research grants, Career Development Award, Go Global, Brandeis Scholarship, Flexible Endoscopy Fellows courses & Resident courses.
- SAGES matches member contributions.
- For every $1.00 SAGES has given to the Foundation, the Foundation gives $1.50 back to SAGES projects and programs.

WWW.SAGESFOUNDATION.ORG

Are You a Part of the 80%?
Visit www.sagesfoundation.org and help us sustain the advancements in care, research and education that SAGES is known for.

All donations to the Foundation are tax-deductible (to the extent permitted by law). Every donation, no matter the amount, counts toward the 80 by 20 Campaign.
Hands-On Course: Endolumenal Bariatrics - Endo to the Rescue!
Chair: Kevin Reavis, MD | Co-Chair: Erik Wilson, MD

SESSION DESCRIPTION
The global obesity epidemic is worsening. Endolumenal technologies are emerging as both index treatments for morbid obesity as well as assessment and revisional modalities to address complications of previous bariatric surgeries. Familiarity with these technologies is imperative for surgeons who wish to provide the latest in minimally invasive care for these challenging patients.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognize the characteristics of an appropriate candidate for endolumenal index treatment of obesity
• Manage a hemorrhage/perforation scenario using endoscopic modalities
• Implement an endolumenal treatment plan for chronic leak following bariatric surgery

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction of course and stations</td>
<td>Kevin Reavis, MD</td>
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<tr>
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<td>Erik Wilson, MD</td>
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<tr>
<td>1:35PM</td>
<td>Hemostasis: Injection, coagulation, through the scope and over the scope clips</td>
<td>Radu Pescarus, MD</td>
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<td>Shaina Eckhouse, MD</td>
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<tr>
<td>1:40PM</td>
<td>Stricture: Balloon dilation and needle knife stricturoplasty</td>
<td>Matthew Kroh, MD</td>
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<td>Sajani Shah, MD</td>
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<tr>
<td>1:45PM</td>
<td>Endosleeve gastroplasty/Ulcer/Perforation: Suturing and Endoscopic suturing</td>
<td>Farah Husain, MD</td>
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<tr>
<td></td>
<td>(Index and revisional/rescue procedures)</td>
<td>Erik Wilson, MD</td>
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<tr>
<td>1:50PM</td>
<td>Leak management: Tubular stents and Pigtail drains</td>
<td>Valerie Halpin, MD</td>
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<td>Ezra Teitelbaum, MD</td>
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<tr>
<td>1:55PM</td>
<td>Leak management: Endovacuum treatment</td>
<td>Steven Leeds, MD</td>
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<td>Marina Kurian, MD</td>
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<tr>
<td>2:00PM</td>
<td>Post bariatric procedure GERD: RFA</td>
<td>Samer Mattar, MD</td>
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<td>Bryan Sandler, MD</td>
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<tr>
<td>2:05PM</td>
<td>Intragastric balloon/Gastric aspiration</td>
<td>Shahzeer Karmali, MD</td>
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<td>Salveena Noria, MD</td>
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<tr>
<td>2:10PM</td>
<td>Eroded Band Removal</td>
<td>Bipan Chand, MD</td>
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<td></td>
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<td>Leena Khaitan, MD</td>
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<tr>
<td>2:15PM</td>
<td>Lab - personal engagement of each of the stations</td>
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COURSE CRITERIA
Participants should have at least baseline experience with diagnostic upper endoscopy.

LEARNING THEMES:
- Bariatrics
- Flexible Endoscopy

GUIDELINES:
- Endolumenal Treatments for Gastroesophageal Reflux Disease (GERD)
- Granting of Privileges for Gastrointestinal Endoscopy
- Infection Control During GI Endoscopy
- Role of Endoscopy in the Bariatric Surgery Patient
- Sedation and Anesthesia in GI Endoscopy
- Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques

NATIONAL PRIORITIES
SAGES acknowledges educational grants in support of this course from Boston Scientific and Olympus.
SAGES acknowledges contributions in-kind in support of this course from Boston Scientific, Ethicon, Karl Storz, Mederi Therapeutics, Medtronic, Olympus, Ovesco, US Endoscopy
Wednesday, March 22, 2017

Hands-On Course: Robotic Inguinal Hernia Surgery
Chair: Ajita Prabhu, MD | Co-Chair: Andrew Bates, MD

SESSION DESCRIPTION
Robotic inguinal hernia surgery has quickly gained popularity among general surgeons. This hands on course is an opportunity for surgeons to gain an introductory experience performing robotic inguinal hernia surgery under the guidance of experienced proctors. Participants will NOT receive certification to perform these operations, but rather should view this course as an opportunity to explore the robotic platform for consideration of future training to perform cases in their own practices.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Introduce the robotic platform to surgeons without prior robotic experience for the role of inguinal hernia repair
• Demonstrate the technique of robotic TAPP
• Review inguinal anatomy as viewed from a transabdominal approach

INVITED FACULTY
Conrad Ballecer, MD; Andrew Bates, MD; Eugene Otto Dickens, MD; Omar Yusef Kudsi, MD; Ajita Prabhu, MD; Thomas Swope, MD; Linda Zhang, MD

COURSE CRITERIA
Participants should have some experience performing other forms of robotic surgery in order to fully benefit from this course.

LEARNING THEMES:
- HR Hernias
- R Robotics

GUIDELINES:
- Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
- Guidelines for the Introduction of New Technology and Techniques
- SAGES Report on DaVinci Surgical System (Intuitive Surgical, Sunnyvale, CA)
- A Consensus Document on Robotic Surgery

SAGES acknowledges contributions in-kind in support of this course from Ethicon, Intuitive, and Medtronic.
Wednesday, March 22, 2017

SAGES University Masters Series: The SAGES Masters Take You to Foregut School
Chair: Brant Oelschlager, MD | Co-Chair: Jon Gould, MD

SESSION DESCRIPTION
This session is designed for practicing surgeons treating foregut diseases who want to learn the most up to date management strategies from renowned experts. We will cover controversial topics in achalasia, GERD and paraesophageal hernia repair.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Interpret the most recent information on the treatment of Achalasia and help guide their patients towards the best treatment options
• Compare and contrast the options for the surgical treatment of GERD and apply them clinically
• Recognize the challenges related to hiatal hernia repair and antireflux surgery and develop better treatment strategies

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
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<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Surgical and Endoscopic Options for the Management of Achalasia</td>
<td>Lee Swanstrom, MD</td>
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<tr>
<td>1:50PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>2:00PM</td>
<td>Choosing the optimal antireflux procedure for your patient – Endoscopic therapy, Nissen vs Toupet, magnets, and more</td>
<td>Marco Patti, MD</td>
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<tr>
<td>2:20PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>2:30PM</td>
<td>Antireflux surgery for laryngeal and lung disease</td>
<td>Andrew Wright, MD</td>
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<tr>
<td>2:50PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>3:00PM</td>
<td>Challenges in PEH repair – Short esophagus, difficult hiatal closure, and poor surgical candidates</td>
<td>C. Daniel Smith, MD</td>
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<tr>
<td>3:20PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>3:30PM</td>
<td>Management of complications from foregut surgery: Bleeding, obstruction, perforation, leaks, etc</td>
<td>L. Michael Brunt, MD</td>
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<tr>
<td>3:50PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>4:00PM</td>
<td>Treating Barrett's in 2017: Role of fundoplication and endoscopic management</td>
<td>Vic Velanovich, MD</td>
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<tr>
<td>4:20PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>4:30PM</td>
<td>Management of GERD in the Bariatric Patient: When you are the 1st or 2nd surgeon</td>
<td>Alfons Pomp, MD</td>
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<td>4:50PM</td>
<td>Q&amp;A / Discussion</td>
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LEARNING THEMES:

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<tr>
<th>FOR</th>
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<th>NS</th>
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<tbody>
<tr>
<td>Foregut</td>
<td>Flexible Endoscopy</td>
<td>New technologies/Skill acquisition</td>
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GUIDELINES:
• Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
• Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
• Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
• Guidelines for the Management of Hiatal Hernia
• Guidelines for the Surgical Treatment of Esophageal Achalasia
• SAGES TAVAC Safety and Effectiveness Analysis: LINX Reflux Management System

NATIONAL PRIORITIES

SAGES acknowledges an educational grant in support of this course from Stryker Endoscopy.
Workshop: Get Published - How to Write a Scientific Manuscript

Chair: Abe Fingerhut, MD | Co-Chair: Mark Talamini, MD

**SESSION DESCRIPTION**
Publish or perish!! Credit for advances in surgery are marked by successful publication in peer reviewed journals, and are the most important single element of surgical career development. In this continuation of morning session workshop, we will go through the creation of a manuscript with an eye toward maximizing the likelihood of publication. Be sure to bring your manuscript in progress, as this is a working session!!

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Articulate the types of manuscripts and the components of a scientific manuscript
- Construct a surgical scientific manuscript, prepare it for publication, and improve it's likelihood of acceptance through critical appraisal and editing
- Manage and navigate the peer review process

**ACTIVITY OUTLINE**

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<tbody>
<tr>
<td>1:30PM</td>
<td>Critical appraisal: What is it, how to use it?</td>
<td>Abe Fingerhut, MD</td>
</tr>
<tr>
<td>2:00PM-4:45PM</td>
<td>Working Sessions - Critical appraisal and corrections of participants’ own work (active participation of all attendees)</td>
<td>Mark Talamini, MD, Abe Fingerhut, MD, Luigi Boni, MD, Patricia Sylla, MD, Aurora Pryor, MD, Christopher Schlachta, MD</td>
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<tr>
<td>4:45PM</td>
<td>Summation</td>
<td>Mark Talamini, MD</td>
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**LEARNING THEMES:**
- **AE** Academic/Educational
- **NS** New technologies/Skill acquisition

**NATIONAL PRIORITIES**
Panel: Meeting the ABS Mandate – The Program Director’s Guide to the FEC Galaxy

Chair: Thadeus Trus, MD | Co-Chair: Eric Pauli, MD

SESSION DESCRIPTION
Flexible endoscopy training has become an integral part of general surgery training and practice. The American Board of Surgery has mandated incorporation of a Flexible Endoscopy Curriculum (FEC) into resident training programs. Introducing comprehensive flexible endoscopy training is challenging for many residency programs. This session is geared towards surgical educators, program directors, fellows and residents to facilitate implementation of the FEC in their institutions. A variety of innovative methods and tools are discussed to allow Flexible Endoscopy training in a variety of different settings.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the rationale for the introduction of the FEC into surgical training
• Employ new strategies to introduce endoscopy training into the surgical residency training
• Employ a variety of training options for hands on endoscopic training and tools to prepare for FES certification

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<tbody>
<tr>
<td>1:30PM</td>
<td>Why do we need FEC? Everything was fine the way it was!</td>
<td>John Mellinger, MD</td>
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<tr>
<td>1:55PM</td>
<td>GI does Endoscopy. How can I get surgery residents trained?</td>
<td>Faris Murad, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Program Snapshots (How I did it at my institution)</td>
<td>Sara Hennessy, MD</td>
</tr>
<tr>
<td>2:45PM</td>
<td>How can I prepare my residents for FES? (A series of 5 minute presentations)</td>
<td>Carmen Mueller, MD, Andrew Kastenmeier, MD,</td>
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<td></td>
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<td>Jeffrey Marks, MD, Jonathan Pearl, MD, Sara</td>
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<td>Hennessy, MD</td>
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<tr>
<td>3:10PM</td>
<td>Abstract Presentation: Simulation Based Mastery Learning for Endoscopy Using the Endoscopy Training System</td>
<td>E. Matthew Ritter, MD</td>
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<tr>
<td>3:20PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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S038 SIMULATION BASED MASTERY LEARNING FOR ENDOSCOPY USING THE ENDOSCOPY TRAINING SYSTEM: A STRATEGY TO IMPROVE ENDOSCOPIC SKILLS AND PREPARE FOR THE FUNDAMENTALS OF ENDOSCOPIC SURGERY (FES) MANUAL SKILLS EXAM.
E. Matthew Ritter, MD, Zachary A Taylor, DO, Kathryn R Wolf, MD, Brenton R Franklin, MD, Sarah B Placek, MD, James R Korndorffer, MD, Aimee K Gardner, PhD, Uniformed Services University/Walter Reed Department of Surgery, Division of General Surgery & National Capital Region Simulation Consortium, Bethesda MD, Department of Surgery, Tulane University School of Medicine, New Orleans LA, University of Texas Southwestern Medical Center at Dallas, Dallas TX

LEARNING THEMES:
AE Academic/Educational
FE Flexible Endoscopy
NS New technologies/Skill acquisition

GUIDELINES:
• Curriculum Outline for Resident Education
• Educational Mission Statement
• Granting of Privileges for Gastrointestinal Endoscopy
• Guidelines For Office Endoscopic Services
• Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)

NATIONAL PRIORITIES

The entire 2017 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.
Your Session: Prevention of Bile Duct Injury
Chair: L. Michael Brunt, MD | Co-Chair: Rajesh Aggarwal, MBBS, MA, PhD

SESSION DESCRIPTION
This session will address strategies around cholecystectomy that surgeons can employ to help reduce biliary injury with an emphasis on video to illustrate essential points. The session is intended for practicing surgeons, surgical residents and fellows who manage patients with various gallbladder disorders and will encourage audience participation and feedback.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify a variety of strategies that can be used to reduce the risk of biliary injury during cholecystectomy
• Discuss the role of imaging in the prevention of biliary injury
• Recognize the criteria that constitute the critical view of safety (and which do not) during laparoscopic cholecystectomy

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<tbody>
<tr>
<td>1:30PM</td>
<td>Understanding variability in biliary anatomy during cholecystectomy</td>
<td>Daniel Deziel, MD</td>
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<tr>
<td>1:42PM</td>
<td>Role of imaging and ICG Infrared cholangiography</td>
<td>Dana Telem, MD</td>
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<tr>
<td>1:54PM</td>
<td>Acute cholecystitis: Technical strategies for optimal results</td>
<td>Nathaniel Stoikes, MD</td>
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<tr>
<td>2:09PM</td>
<td>Exit strategies for the difficult gallbladder and when and how to convert to open</td>
<td>Michael Pucci, MD</td>
</tr>
<tr>
<td>2:24PM</td>
<td>You think you may have injured the bile duct. What now?</td>
<td>Horacio Asbun, MD</td>
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<tr>
<td>2:36PM</td>
<td>Panel Discussion - Truth or consequences: Does this case meet criteria for the</td>
<td>Dimitrios Stefanidis, MD, PhD</td>
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<td>critical view of safety?</td>
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Surgeons to submit their own photographs/videos for the panel review session.

LEARNING THEMES:
HPB  HPB/Biliary

GUIDELINES:
• Guidelines for the Surgical Treatment of Esophageal Achalasia
• SAGES Clinical Spotlight Review: Intraoperative Cholangiography
• Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery

NATIONAL PRIORITIES
SAGES acknowledges an educational grant in support of this session from Stryker Endoscopy

1:30 PM - 3:30 PM  SS04  Gastric
Co-Moderator: Nathaniel J. Soper, MD; Co-Moderator: Manabu Yamamoto, MD

V009 TOTALLY LAPAROSCOPIC D2 RADICAL TOTAL GASTRECTOMY: A LEFT OUTSIDE BURSA OMENTALIS APPROACH Wei Wang, Wenjun Xiong, Jin Wan; Guangdong Province Hospital of Chinese Medicine, the Second Affiliated Hospital of Guangzhou University of Chinese Medicine

S032 VARIOUS FASHIONS OF LAPAROSCOPIC RESECTION FOR GASTROINTESTINAL STROMAL TUMORS IN EASOPHAGOgastric Junction Wenjun Xiong, Jin Wan; Guangdong Province Hospital of Chinese Medicine, the Second Affiliated Hospital of Guangzhou University of Chinese Medicine

V100 ENDOSCOPIC-LAPAROSCOPIC TRANSGASTRIC RESECTION OF JUXTA-CARDIA GIST Jessica L Reynolds, MD, Ran B Liu, MD, Shanglei Liu, MD, Jonathan C DeLong, MD, Toshiaki Suzuki, MD, Domingo Montalvo, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; University of California San Diego

S033 ROBOTIC VERSUS LAPAROSCOPIC PROXIMAL GASTRECTOMY FOR EARLY GASTRIC CANCER IN THE UPPER LOCATION: COMPARISON OF ONCOLOGICAL OUTCOMES, SURGICAL STRESS AND NUTRITIONAL STATUS Kecheng Zhang, Lin Chen, Hongqing Xi, Jianxin Cui, Xiaosong Wu, Yunhe Gao, Wenquan Liang, Chong Hu, Jiyang Li; Chinese People's Liberation Army of General Hospital

V011 HIGHLY SELECTIVE VAGOTOMY AND PYLOROPLASTY: AN EDUCATIONAL VIDEO Gifty S Abraham, Justin Sobrino, MD, William O Richards, MD; University of South Alabama Medical Center

S034 INTRA-OPTERATIVE MAJOR BLEEDING AND THE CORRELATION RISK FACTORS OF LAPAROSCOPY: ASSISTED RADICAL GASTRECTOMY FOR ADVANCED GASTRIC CANCER Yingque Hao, MD, Peiwu Yu, MD; Center for Minimally Invasive Gastrointestinal Surgery, Department of General Surgery, Southwest Hospital, Third Military Medical University

V012 MULTIMODAL ENDOSCOPIC THERAPY FOR CLOSURE OF GASTRO-GASTRIC FISTULA: THE “TRIPLE O” METHOD Vamsi V Alli, MD, Justin A Doble, MD, Eric M Pauli, MD; Penn State Hershey Medical Center
The Devil is in the Details Session: Technical Tips from the Masters – Ventral Hernia

Chair: Brent Matthews, MD | Co-Chair: Andrew Duffy, MD

**SESSION DESCRIPTION**
This interactive session addresses master level topics in open, laparoscopic and robotic ventral hernia repair that allows attendees to see the thought processes and techniques of experienced surgeons. Lectures will highlight specific operative techniques during the critical aspects of complex ventral hernia repair. This course is intended for general surgeons, plastic surgeons, and acute care and emergency surgeons, fellows and residents who care for patients with hernias or hernia-related complications and seek to enhance their understanding of this clinical problem in order to optimize management of their patients.

**Session Objectives**
At the conclusion of this session, participants will be able to:
- Implement a 4:1 suture length to wound length closure technique for midline laparotomy wounds
- Describe and contrast transversus abdominis release with modified Sugarbaker technique and stapled mesh stoma reinforcement technique for parastomal hernia repair
- Apply the technique for bone anchor fixation to the iliac crest or pubic bone for ventral hernia repair

**ACTIVITY OUTLINE**

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:00PM</td>
<td>Welcome and Introduction of Panel</td>
<td>Andrew Duffy, MD</td>
</tr>
<tr>
<td>3:04PM</td>
<td>Midline Laparotomy Closure with a 4:1 Suture: Wound Length Ratio to Minimize Ventral Incisional Hernias</td>
<td>William Hope, MD</td>
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<tr>
<td>3:12PM</td>
<td>Prophylactic Mesh Augmentation of Midline Laparotomy Closure</td>
<td>Filip Muysoms, MD</td>
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<tr>
<td>3:20PM</td>
<td>Panel Discussion and Debate</td>
<td>Panel</td>
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<tr>
<td>3:38PM</td>
<td>Transversus Abdominis Release</td>
<td>Andrew Duffy, MD</td>
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<tr>
<td>3:46PM</td>
<td>Laparoscopic Transversus Abdominis Release</td>
<td>Igor Belyansky, MD</td>
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<tr>
<td>3:54PM</td>
<td>Robotic Retrectus Ventral Hernia Repair: Patient Positioning, Robot Docking, Retrorectus Dissection, and Mesh Placement</td>
<td>Alfredo Carbonell, DO</td>
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<tr>
<td>4:02PM</td>
<td>Perforator Sparing Anterior Component Separation Release</td>
<td>Kurt Roberts, MD</td>
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<tr>
<td>4:10PM</td>
<td>Panel Discussion and Debate</td>
<td>Panel</td>
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<tr>
<td>4:30PM</td>
<td>Parastomal Herniorrhaphy Utilizing Transversus Abdominis Release and Modified Sugarbaker Technique</td>
<td>Eric Pauli, MD</td>
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<tr>
<td>4:38PM</td>
<td>Stapled Mesh stomA Reinforcement Technique (SMART)</td>
<td>Guy Voeller, MD</td>
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<tr>
<td>4:46PM</td>
<td>Panel Discussion and Debate</td>
<td>Panel</td>
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Invited Panel Members: Parag Bhanot, MD; Edward Felix, MD; Bruce Ramshaw, MD

**LEARNING THEMES:**
- **HR** Hernias
- **AC** Acute Care

**GUIDELINES:**
- Guidelines for Laparoscopic Ventral Hernia Repair
Symposium: Coaching and Telementoring in the Global Arena - Project 6
Chair: Allan Okrainec, MD | Co-Chair: David Chen, MD

SESSION DESCRIPTION
Advances in technology and communications have made telementoring an important part of training, knowledge and skill acquisition, collaboration, and outreach. This session focuses on technical logistics, real life practices, and emerging technologies that utilize telementoring to train, mentor, and coach in the global arena.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Recognize the technical requirements needed to implement a telementoring program
- Compare how various technologies are being used today for telementoring different types of surgical procedures globally
- Identify new technology that is being developed to improve telementoring and distance learning in the future

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<th>Invited Faculty</th>
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</thead>
<tbody>
<tr>
<td>3:00PM</td>
<td>Introduction</td>
<td>Allan Okrainec, MD</td>
</tr>
<tr>
<td>3:05PM</td>
<td>Technical considerations for telementoring globally: Sorting out the bits and bytes</td>
<td>Mike Evans, MD</td>
</tr>
<tr>
<td>3:20PM</td>
<td>Telementoring in Haiti: Establishing a curriculum for safe laparoscopic cholecystectomy</td>
<td>Paul Severson, MD</td>
</tr>
<tr>
<td>3:35PM</td>
<td>Telementoring hernia procedures using wearable technology</td>
<td>Justin Wagner, MD</td>
</tr>
<tr>
<td>3:50PM</td>
<td>Teaching bariatric surgery globally: The sleeve gastrectomy experience</td>
<td>Ninh Nguyen, MD</td>
</tr>
<tr>
<td>4:05PM</td>
<td>Back to the Future: The telementoring technologies of tomorrow</td>
<td>Brian Dunkin, MD</td>
</tr>
<tr>
<td>4:20PM</td>
<td>Panel discussion</td>
<td>All faculty</td>
</tr>
<tr>
<td>4:55PM</td>
<td>Session wrap-up</td>
<td>David Chen, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- B Bariatrics
- HR Hernias
- AE Academic/Educational
- NS New technologies/Skill acquisition

NATIONAL PRIORITIES
Wednesday, March 22, 2017

SS05 Colorectal 1
Moderator: Mark H. Whiteford, MD; Co-Moderator: Antonio M. Lacy, MD

S039 COLON-SPARING ADVANCED ENDOSCOPIC TECHNIQUES FOR COMPLEX COLORECTAL LESIONS
Emre Gorgun1, Cigdem Benlice2, Maher A Abbas1; 1Department of Colorectal Surgery, Cleveland Clinic; 2Department of General Surgery, Cleveland Clinic

S040 PREDICTORS OF ADHERENCE TO ENHANCED RECOVERY PATHWAY ELEMENTS AFTER LAPAROSCOPIC COLORECTAL SURGERY
Juan Mata, Julio Fiore, Nicolo Pecorelli, Patrick Charlebois, Barry Liberman, Barry Stein, Liane S Feldman; McGill University

S041 CURRENT USE AND IMPACT OF MULTIMODAL PAIN CONTROL IN THE UNITED STATES
Deborah S Keller, MS, MD, David R Flum, MD, FACS2; 1Baylor University Medical Center; 2University of Washington Medical Center

S042 SIMVASTATIN ENHANCES RADIATION SENSITIVITY OF COLORECTAL CANCER BY TARGETING COLORECTAL CANCER INITIATING CELLS
Georgios Karagkounis, Jennifer Dev Becchio, BA, Sylvain Ferrandon, PhD, Matthew F Kalady, MD, Cleveland Clinic

S043 TRANSDUCAL HYBRID COLON RESECTIONS - INDICATIONS, TECHNIQUE AND RESULTS
Karl-Hermann Fuchs, MD, Schulz Thomas, MD, Benjamin Babic, MD, Wolfram Breithaupt, MD, Gabor Varga, MD; AGAPLESION Markus Krankenhaus

S044 DOES TRIPLE-ROWED STAPLES CONFER ADDITIONAL SAFETY? A MATCHED COMPARISON OF 340 STAPLED ILEOCOLIC ANASTOMOSIS
Dominic Foo, Jeremy Yip, A Chiu, Wai Lun Law; The University of Hong Kong

S045 COLONIC FISTULAS FOLLOWING CT GUIDED DRAINAGE OF SIGMOID DIVERTICULAR ABSCESSES: WHAT IS THE ROLE OF MINIMALLY INVASIVE APPROACH?
Krystle Lange, DO, Nicholas Rettenmaier, DO, Shankar Raman, MD; Mercy Medical Center

S046 SELF-EXPANDABLE METALLIC STENTS AS A BRIDGE TO SURGERY FOR MALIGNANT COLORECTAL OBSTRUCTION: POOLED ANALYSIS OF 424 PATIENTS IN TWO PROSPECTIVE MULTICENTER TRIALS
Masafumi Tomita, MD1, Shuji Saito2, Shinichiro Makimoto1, Shuntaro Yoshida1, Hiroyuki Isayama1, Tomonori Yamada1, Takeaki Matsuzawa1, Yoshifumi Enomoto1, Kyo Rika1, Kawasaki Toshiro1, Nobuto Hirata1, Mamoru Shimada1, Tomio Hirakawa1, Koichi Kosumi1, Yoshihisa Saida1, Hisashi Tokushiku Hospital, Division of Surgery, Gastrointestinal Center, Yokohama Shin-Midori General Hospital, 1Department of Endoscopy and Endoscopic Surgery, Graduate School of Medicine, University of Tokyo, 2Department of Gastroenterology, Japanese Red Cross Nagoya Daini Hospital, 3Department of Digestive and General Surgery, Uonuma Institute of Community Medicine, Niigata University Medical and Dental Hospital, Institute of Surgery, Toho University Ohashi Hospital, Institute of Surgery, Saiseikai Yokohamashi-Nanbu Hospital, 4Department of Gastroenterology, National Hospital Organization Kure Medical Center and Chugoku Cancer Center, 5Department of Gastroenterology, Tokyo Metropolitan Cancer and Infectious Disease Center Komagome Hospital

S047 RESPIRATORY COMPLICATIONS AFTER COLONIC PROCEDURES IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE – DOES LAPAROSCOPY OFFER A BENEFIT?
Sarath Sujatha-Bhaskar, MD1, Reza Fazl Alizadeh1, Michael Phelan1, Mehraneh D Jafari, MD1, Joseph C Carmichael, MD, FACS, FASCRS1, Michael J Stamos, MD, FACS, FASCRS, Alessio Pigazzi, PhD, MD, FACS, FASCRS1, 1University of California, Irvine School of Medicine, 2University of California, Irvine Center for Statistical Counseling

Opening Session – Welcome Ceremony
Moderated by the 2017 Program Chair: Horacio Asbun, MD | Co-Chair: Melina Vassiliou, MD

SAGES does not offer CME for this session

We encourage everyone to attend the meeting opening session and welcome ceremony. We will review expected highlights for the meeting and share updates from SAGES.
Thursday, March 23, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00AM - 5:00PM</td>
<td>Video Loop Lounge</td>
<td>Room 351C</td>
</tr>
<tr>
<td>7:30AM - 9:00AM</td>
<td>AAST joint Panel: Acute Care Surgery</td>
<td>Room 340</td>
</tr>
<tr>
<td>7:30AM - 9:00AM</td>
<td>KSELS joint Panel: Gastric Cancer - Narrowing the Gap between Eastern and Western Practice in Laparoscopic Gastric Surgery</td>
<td>Room 322</td>
</tr>
<tr>
<td>7:30AM - 9:00AM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Bariatric Conversion</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>7:30AM - 9:00AM</td>
<td>Video Face-Off Panel: Laparoscopic Nissen Fundoplication</td>
<td>Room 310</td>
</tr>
<tr>
<td>7:30AM - 9:00AM</td>
<td>SS6: Ventral Hernias</td>
<td>Room 320</td>
</tr>
<tr>
<td>7:30AM - 9:00AM</td>
<td>SS7: HPB</td>
<td>Room 342</td>
</tr>
<tr>
<td>9:00AM - 11:00AM</td>
<td>SAGES Guest/Spouse Breakfast</td>
<td>Room 332B</td>
</tr>
<tr>
<td>9:00AM - 9:45AM</td>
<td>Keynote: Karl Storz Lecture - Dave Kerpen</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>9:45AM - 10:15AM</td>
<td>Keynote: Social Media and Health Care - Brian P. Jacob, MD</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:00AM - 4:00PM</td>
<td>Exhibits/Posters/Learning Center open</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>PG Course: ILLS joint Session - Overview of Minimally Invasive Liver Resection</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>PG Course: SMART Enhanced Recovery - Beyond Colorectal</td>
<td>Room 320</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>Program of the “Americas” joint Panel: What I Thought was a Fact is a Myth?</td>
<td>Room 342</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>Video Face-Off Panel: Lap Band to Gastric Bypass</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>SS9: Exhibit Hall Video Presentations 1 (non-CME)</td>
<td>Exh Hall A3 Theatre</td>
</tr>
<tr>
<td>10:15AM - 11:15AM</td>
<td>SS8: Education, Simulation and Assessment</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>11:15AM - 12:15PM</td>
<td>Panel: Firsts and Pioneers - Evolutions and Revolutions in Surgery</td>
<td>Room 322</td>
</tr>
<tr>
<td>11:15AM - 12:15PM</td>
<td>SS10: Robotics</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>12:00PM - 2:00PM</td>
<td>SS11: Exhibit Hall Video Presentations 2 (non-CME)</td>
<td>Exh Hall A3 Theatre</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>Educator’s Luncheon “Can I Trust my Trainees to do it Right?” Entrustable Professional Activities (EPA’s) for Competency-Based Surgical Education</td>
<td>Room 332B</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>12:15PM - 1:30PM</td>
<td>Let’s Do Lunch - Hernia, Liver-Biliary, Esophagus &amp; Colon Tables (non-CME)</td>
<td>Room 332A</td>
</tr>
<tr>
<td>12:15PM - 1:15PM</td>
<td>Community Practice Townhall</td>
<td>Room 351A</td>
</tr>
<tr>
<td>12:30PM - 6:30PM</td>
<td>HO Course: Lap Colon ADOPT (Immersion Program with Mentorship)</td>
<td>MITIE</td>
</tr>
<tr>
<td>1:00PM - 5:30PM</td>
<td>Workshop: SMART Enhanced Recovery for the Team</td>
<td>Room 340</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>PG Course: ILLS joint Session - Techniques of Laparoscopic Liver Resection Video Session and Liver Tumor Board</td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SAGES/ASMBS joint Appropriateness Conference on Metabolic Surgery</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>JSES joint Panel: What Can We Learn from Each Other? MIS Trends in North America and in Japan</td>
<td>Room 322</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SAGES Stories: Controversies in Foregut Surgery (Honest discussions from expert surgeons)</td>
<td>Room 342</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>SS12: Flexible/Therapeutic Endoscopy and NOTES®</td>
<td>Room 320</td>
</tr>
<tr>
<td>2:00PM - 4:00PM</td>
<td>SS13: Exhibit Hall Video Presentations 3 (non-CME)</td>
<td>Exh Hall A3 Theatre</td>
</tr>
<tr>
<td>3:00PM - 3:30PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
<td></td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>Masters Series: Laparoscopy in Acute Care</td>
<td>Room 342</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>SS14: SAGES Got Talent - Resident &amp; Fellow Scientific Session</td>
<td>Room 322</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>Symposium: International Hernia Collaboration Symposium</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>3:30PM - 5:30PM</td>
<td>Video Face-Off Panel: Common Bile Duct Exploration - More Than One Way to Skin a Cat</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>4:00PM - 5:30PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Gastrectomy for Malignancy</td>
<td>Room 320</td>
</tr>
<tr>
<td>6:00PM - 8:00PM</td>
<td>Industry Educational Events (non-CME)</td>
<td>See details on p. 68 check App for details</td>
</tr>
</tbody>
</table>
Thursday, March 23, 2017

AAST Joint Panel: Acute Care Surgery
Chair: Robert Lim, MD | Co-Chair: Kimberly Davis, MD, MBA

SESSION DESCRIPTION
The acute care surgery model encompasses urgent general surgery, trauma and surgical critical care, delivering time sensitive care to patients requiring urgent and emergent surgical interventions. Traditionally, these operations have been performed in an open manner. However, with the increased utilization of laparoscopy, there may be a roll for increasing the use of laparoscopy in the acute care setting. The purpose of this session is to identify the explore the role for laparoscopic interventions in the provision of acute care surgery.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Identify the areas where laparoscopic skill development may benefit the Acute Care Surgeon
- Compare and contrast areas where open, laparoscopic or endoscopic intervention may be more beneficial to the acute care patient
- Illustrate and recommend management strategies for the bariatric surgery patient who presents acutely

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>The role of the Acute Care Surgeon and his/her educational needs</td>
<td>Kimberly Davis, MD, MBA</td>
</tr>
<tr>
<td>7:45AM</td>
<td>Point/Counterpoint: Open care of colorectal emergencies</td>
<td>David Spain, MD</td>
</tr>
<tr>
<td>7:55AM</td>
<td>Point/Counterpoint: Laparoscopic care of colorectal emergencies</td>
<td>Andrea Petrucci, MD</td>
</tr>
<tr>
<td>8:05AM</td>
<td>Point/Counterpoint: Open care of small bowel obstruction</td>
<td>Andrew Peitzman, MD</td>
</tr>
<tr>
<td>8:15AM</td>
<td>Point/Counterpoint: Laparoscopic care of small bowel obstructions</td>
<td>Dean Mikami, MD</td>
</tr>
<tr>
<td>8:25AM</td>
<td>Damage Control Bariatric Surgery</td>
<td>Matthew Martin, MD</td>
</tr>
<tr>
<td>8:40AM</td>
<td>Panel Discussion</td>
<td>Kimberly Davis, MD, MBA, Michael Cripps, MD, Michael Truitt, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- C Colorectal
- B Bariatrics
- AC Acute Care
- AE Academic/Educational

GUIDELINES:
- Guidelines for Diagnostic Laparoscopy
- Guidelines for Laparoscopic Appendectomy
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer
- Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Integrating Advanced Laparoscopy into Surgical Residency Training — A SAGES Position Paper
- Laparoscopic Colectomy for Curable Cancer
- Role of Endoscopy in the Bariatric Surgery Patient

NATIONAL PRIORITIES 🚀 🚀 🚀
IS YOUR SURGICAL TEAM SMART™?

SAGES SMART™ helps you implement an Enhanced Recovery Program into your practice.

Bring your surgical team to the SAGES 2017 ANNUAL MEETING and join our Postgraduate Course: SMART Enhanced Recovery – Beyond Colorectal and our Workshop: SMART Enhanced Recovery for the Team.

VISIT www.sages.org/smart-enhanced-recovery-program to view sample pathways, FAQs, and more...

* Check out SMART at the Learning Center
Thursday, March 23, 2017

KSELS Joint Panel: Gastric Cancer – Narrowing the Gap Between Eastern and Western Practice in Laparoscopic Gastric Surgery
Chair: Ho-Seong Han, MD, PhD | Co-Chair: Barry Salky, MD

SESSION DESCRIPTION
Gastric Cancer is common in Asian countries such as Korea and Japan, in comparison to the United States where this disease occurs infrequently. With ethnic variety in the population in America, the incidence of this disease is increasing. As laparoscopic gastric surgery is well accepted in early gastric cancer, this session provides an opportunity for both countries to share their experiences in this field.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the indications for different types of laparoscopic gastrectomy
• Understand the advantages of laparoscopic gastric surgery
• Learn the basic steps of the technique of laparoscopic gastric surgery

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Techniques in laparoscopic and robotic gastric surgery</td>
<td>Young-Woo Kim, MD</td>
</tr>
<tr>
<td>7:45AM</td>
<td>Data and evidence of laparoscopic and robotic gastric surgery</td>
<td>Miguel Burch, MD</td>
</tr>
<tr>
<td>8:00AM</td>
<td>How do we manage in difficult and complicated cases?</td>
<td>Do-Joong Park, MD</td>
</tr>
<tr>
<td>8:15AM</td>
<td>How do we make this procedure more common in the US?</td>
<td>Moshim Kukar, MBBS</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Chairman moderate the panel and case discussed</td>
<td>Moderators: Ho-Seong Han, MD, PhD Barry Salky, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- For: Foregut
- R: Robotics

GUIDELINES:
• Educational Mission Statement

NATIONAL PRIORITIES

The Devil is in the Details Session: Technical Tips from the Masters – Bariatric Conversion
Chair: Daniel Herron, MD | Co-Chair: Marina Kurian, MD

SESSION DESCRIPTION
Conversions or revisions represent a rapidly expanding component of many bariatric practices. Hear from a highly experienced group of experts about how to best approach band and sleeve conversions. This session will focus on technical pearls, tips and tricks with regards to specific indications for bariatric conversions. This course is for surgeons and allied health professionals who are looking to optimize management of the bariatric patient who is struggling with poor weight loss or difficult side effects from their procedure.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Employ different options for sleeve and band conversion
• Interpret preoperative criteria to best identify an appropriate candidate and procedure for conversion
• Compare the expected outcomes vs the risks for the different conversion procedures

SAGES acknowledges an educational grant in support of this session from Stryker Endoscopy.
**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Introduction, sleeve case presentations</td>
<td>Daniel Herron, MD Marina Kurian, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Sleeve Conversion Options:</strong></td>
<td></td>
</tr>
<tr>
<td>7:40AM</td>
<td>Re-sleeve</td>
<td>Jacques Himpens, MD</td>
</tr>
<tr>
<td>7:48AM</td>
<td>Sleeve to bypass</td>
<td>Mohamed Ali, Jr., MD</td>
</tr>
<tr>
<td>7:56AM</td>
<td>Sleeve to SADI</td>
<td>Pablo Omelanczuk, MD</td>
</tr>
<tr>
<td>8:04AM</td>
<td>Panel /Q&amp;A</td>
<td>Panel</td>
</tr>
<tr>
<td></td>
<td><strong>Band Conversion Options:</strong></td>
<td></td>
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<tr>
<td>8:18AM</td>
<td>Theoretical patient presentations</td>
<td>Daniel Herron, MD Marina Kurian, MD</td>
</tr>
<tr>
<td></td>
<td>a. Intact band, poor weight loss or excessive side effects: GERD, vomiting</td>
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<td></td>
<td>b. Intact band with dilated esophagus, severe GERD</td>
<td></td>
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<tr>
<td>8:22AM</td>
<td>Band to bypass</td>
<td>Almino Ramos, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Band to sleeve</td>
<td>Leena Khaitan, MD</td>
</tr>
<tr>
<td>8:38AM</td>
<td>Other Alternatives</td>
<td>Stacy Brethauer, MD</td>
</tr>
<tr>
<td>8:46AM</td>
<td>Panel /Q&amp;A</td>
<td>Panel</td>
</tr>
</tbody>
</table>

**LEARNING THEMES:**

- Bariatrics

**GUIDELINES:**

- Guidelines for Institutions Granting Bariatric Privileges
- Utilizing Laparoscopic Techniques

**NATIONAL PRIORITIES**

**Video Face-Off Panel:** Laparoscopic Nissen Fundoplication
Chair: Ozanan Meireles, MD | Co-Chair: Kyle Perry, MD

**SESSION DESCRIPTION**

GERD is very prevalent in the US, affecting as much as 20% of the population; and Nissen Fundoplication is still the surgical Gold-standard for the treatment of this disease. General surgeons need to become familiar with the critical steps of this operation, be knowledgeable when recommending and skillful when performing Nissen Fundoplication.

**SESSION OBJECTIVES**

At the conclusion of this session, participants will be able to:
- Identify the fundamental principles of laparoscopic Nissen fundoplication
- Recognize how different approaches to the dissection and performance of fundoplication may be used to achieve these principles
- Compare different techniques from expert surgeons, understand the nuances between them, and potentially incorporate some of them into clinical practice

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Laparoscopic Nissen Fundoplication Operation</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

**Contributing Faculty & Expert Panelists:** John Hunter, MD; Scott Melvin, MD; David Rattner, MD; Lee Swanstrom, MD

**LEARNING THEMES:**

- Foregut

**GUIDELINES:**

- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
- Guidelines for the Management of Hiatal Hernia
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
Thursday, March 23, 2017

SS06 Ventral Hernias
Moderator: Richard A Pierce, MD; Co-Moderator: Mike Kuo Liang, MD

S048 IMPACT OF INCISIONAL HERNIA DEVELOPMENT FOLLOWING ABDOMINAL OPERATIONS ON HEALTHCARE COSTS Vamsi Ali, MD,1 Jiansheng Zhang,2 Jieqing Qin3, Dana Telem, MD, MPH;1 1Penn State Milton Hershey Medical Center, 2Analyst, Medtronic, 3University of Michigan

S049 FINANCIAL IMPLICATIONS OF OPEN VENTRAL HERNIA REPAIR PERFORMED CONCOMITANTLY WITH COMMON OPEN ABDOMINAL PROCEDURES Vashisht V Madabhushi, MD, Margaret A Plymale, DNP, RN, John S Roth, MD, Sara E Johnson, BS, Daniel L Davenport, PhD; University of Kentucky

S050 THE TREND TOWARD MINIMALLY INVASIVE COMPLEX ABDOMINAL WALL RECONSTRUCTION: IS IT WORTH IT? Adam S Weltz, MD, Justin Turcotte, MBA, Udal S Sibia, MD, Evgenii Zakhkarov, MD, Nan Wu, MD, Timothy R Turner, PhD, Adrian Park, MD, Hamid R Zahiri, DO, Igor Belyansky, MD; Anne Arundel Medical Center

S051 LAPAROSCOPIC RETROMUSCULAR MESH PLACEMENT WITH SELECTIVE TRANSVERSUS ABDOMINIS RELEASE: A TRANSCONTINENTAL CASE SERIES Igor Belyansky, MD,1 Jorge Daes, MD,1 B Ramana, MD,1 Victor Radu, MD,1 Adam S Weltz, MD,1 Nan Wu, MD,1 Heidi Miller, MD,1 Adrian Park, MD,1 Hamid R Zahiri, DO,2 Yuri Novitsky, MD,2 1Clinica Porto Azul, 2Belle Vue Clinic; 3Stiinte Medicale, 4Anne Arundel Medical Center, 5Case Medical Center

S052 TOTAL MANAGEMENT OF COMPLEX VENTRAL HERNIA 2: PRE-OPERATIVE BOTULINUM TOXIN A ENABLING LAPAROSCOPIC REPAIR OF COMPLEX VENTRAL HERNIAS Kristen E Eiltsner, MBBS, MS;1 John W Read, FRANZCR2, Peter H Cosman, FRACS3, Anita Jacombs, MBBS, PhD,1 Omar Rodriguez-Acevedo, MBBS1, Nabeel Ibrahim, FRACS, FACS1, 1Hernia Institute Australia, Edgecliff, Australia, 2Macquarie University Hospital, Sydney, Australia

S053 COMPARATIVE ASSESSMENT OF PAIN AND QUALITY OF LIFE AFTER LAPAROSCOPIC VENTRAL HERNIA REPAIR WITH OR WITHOUT ENDOSCOPIC COMPONENT SEPARATION Deboarsih Sharma, Dr, Ranvir Singh, Dr, Romesh Lal, Dr; Lady Hardinge Medical College

S054 PROSPECTIVE EVALUATION OF POLY-4-HYDROXYBUTYRATE MESH IN CDC CLASS I/II-HIGH RISK VENTRAL AND INCISIONAL HERNIA REPAIR: 18 MONTHS FOLLOW-UP John S Roth, MD,1 Gary Anthone, MD,1 Donald J Selzer, MD,1 Ben Poulose, MD,1 James Bittner, MD,1 William Hope, MD,1 Robert Martinadle, MD,1 Raymond Dunn, MD,1 Matthew Goldblatt, MD,1 Gregory Mancini, MD,1 David Earle, MD1, Romanelli John, MD,1 Jacob Greenberg, MD,2 Eduardo Parra Davila, MD,1 John Linn, MD,1 Guy Voeller, MD,2 Bryan Sandler, MD,2 1University of Kentucky, 2Methodist Physicians Clinic; 3Indiana University, 4Vanderbilt University, 5VCU, 6New Hanover Medical Center, 7Oregon Health and Sciences University, 8University of Massachusetts Worcester, 9Medical College of Wisconsin, 10University of Tennessee - Knoxville, 11Baystate Medical Center, 12University of Wisconsin, 13Florida Hospital, 14NorthShore University Health; 15University of Tennessee - Memphis, 16University of California San Diego

S055 EVALUATING MECHANICAL INTEGRATION AT THE MESH-TISSUE INTERFACE IN VENTRAL HERNIA REPAIR Lindsey G Kahn, BS, L M Brunt, MD, Spencer P Lake, PhD, Wen-Hui Tan, MD, Jared M McAllister, MD, Jennifer Yu, MD, Dominic M Thompson, MA, Jeffrey A Blatnik, MD; Washington University in St. Louis

S056 A COMPARISON OF VENTRAL HERNIA OUTCOMES WITH POLY-4-HYDROXYBUTYRATE, SYNTHETIC AND BIOLOGIC MESH Margaret A Plymale, DNP, RN, Daniel L Davenport, PhD, Adam Dugan, MS, Amanda Zachem, BSN, RN, John S Roth, MD; University of Kentucky

SS07 HBPs
Moderator: Adnan A. Alseidi, MD; Co-Moderator: Brice Gayet, MD

S057 MINIMALLY INVASIVE LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA OF PATIENTS WITH LIVER DAMAGE B: A PROPENSITY SCORE-BASED ANALYSIS. Takehiro Noda, MD, PhD,1 Hitotoshi Eguchi, MD, PhD1, Hiroshi Wada, MD, PhD,1 Yoshifumi Iwagami, MD, PhD,2 Daisaku Yamada, MD, PhD,2 Tadafumi Asoaka, MD, PhD,2 Kunihito Gotoh, MD, PhD,2 Koji Umeshiba, MD, PhD,2 Yuichiro Doi, MD, PhD,2 Masaki Mori, MD, PhD,2 1Department of Gastroenterological Surgery, Osaka University; 2Department of Health Sciences, Osaka University

S058 LAPAROSCOPIC LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA TEN YEAR EXPERIENCE IN ONE CENTER Long Tran Cong Duy, MD; HPB Department University Center in Hochiminh city

S059 PREDICTION OF SURGICAL OUTCOMES OF LAPAROSCOPIC LIVER RESECTIONS FOR HEPATOCELLULAR CARCINOMA BY DEFINING SURGICAL DIFFICULTY Jui Young Cho1, Mohan Periyasamy,1 Soyeon Ahn,1 Ho-Seong Han, Yoo-Seok Yoon,1 YoungRok Choi1, Jae Seong Jang1, Seong Uk Kwon,2 Sungho Kim1, Jang Kyu Choi,1 Hanish Guro,1 1Department of Surgery, Seoul National University Bundang Hospital, Republic of Korea, 2Medical Research Collaborating Center, Seoul National University Bundang Hospital, Republic of Korea

V015 SOLO SINGLE INCISION LAPAROSCOPIC LEFT HEMIHEPATECTOMY USING A LAPAROSCOPIC SCOPE HOLDER YoungRok Choi, Ho-Seong Han, Yoo-Seok Yoon, Jae Young Cho, Seong Jang, Seong Wook Kwon, Sungho Kim, Jangkyu Choi; Seoul National University Bundang Hospital

V016 LAPAROSCOPIC LATERAL PANCREATICOJEJUNOSTOMY STAPLED AND SUTURED TECHNIQUES. Ajay H Bhandarwar, MS;1 Eham L Arora2, Raj N Gajbhiye, MS3, Saurabh S Gandhi, MS3, Chintan B Patel, MS1, Amol N Wagh, MS3, Priyank D Kohari, MS1; 1Grant government medical college & Sir JJ. group of Hospitals, Mumbai, India, 2Government Medical College and Hospital, Nagpur, India

V017 HAND-ASSISTED ENucleATION OF SYMPTOMATIC METASTATIC MULTIFOCAL CARCINOID TUMORS OF THE LIVER Jamii St. Julien, MD, MPH, Marcello Di Marino, MD, Horacio Asbun, MD, FACS, John A Stauffer, MD, FACS, Mayo Clinic Florida

V018 ROBOTIC SINGLE PORT PLUS ONE SPLEEN PRESERVING DISTAL PANCREATECTOMY Jin Hong Lim, MD, Jun Sung Park, MD, Dong Sup Yoon, MD; Gangnam sewerance Hospital

V019 ROBOTIC PANCREAS PRESERVING DUODENAL RESECTION WITH ROUX EN Y RECONSTRUCTION FOR DUODENAL GIST Palanisamy Senthilnathan, Anandan Vijai, V P Nalanikkil, G Srivasan, Sandeeb Sabnis, Dilip Grode, R Parthasarathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

V020 ROBOTIC MULTI-VISCERAL RESECTION FOR PANCREATIC NEUROENDOCRINE TUMOR WITH LIVER METASTASIS. Marius L Calin, MD1, Aziz Sadiq, DO1, Gabriel Arevalo, MD2, Baongoc Nasri, MD2, Rocio C Fuentes, MD1, Kathryn Harris, MD2, Kirpal Singh, MD1; 1Saint Vincent Hospital, 2Bronxlebanon Hospital
Thursday, March 23, 2017

Karl Storz Lecture “Why it Pays to Be Likeable”

Speaker: Dave Kerpen

Dave Kerpen is the founder and CEO of Likeable Local, and New York Times bestselling author of four books. An international keynote speaker, Mr. Kerpen is the #1 LinkedIn Influencer of all time in page views, ahead of Bill Gates, Jack Welch, Mark Cuban and President Barack Obama.

SESSION DESCRIPTION
Dave will make the business case for being likeable in your practice, and explain how and why social media can be transformative in changing the way you work. Anyone who wants to improve their online or offline communication skills should attend this powerful session.

SESSION OBJECTIVES:
At the conclusion of this session, participants will be able to:
• Better Listen to and Communicate with Patients and Colleagues
• Formulate a social media strategy and plan
• Use what they have learned to grow their practice

Social Media and Health Care “So Shines a Good Deed…”

Speaker: Brian P. Jacob, MD

Dr. Brian P. Jacob is an American Board Certified minimally invasive general and bariatric surgeon, and founder of a startup company called the International Hernia Collaboration, Inc. He operates at Mount Sinai Medical Center and at Midtown Surgery Center in New York City. Dr. Jacob performs a variety of surgical procedures, but has a special interest in treating the diseases of hernia, groin pain, abdominal pain, and obesity.
In an effort of help optimize patient outcomes after hernia repair, in 2012 Dr. Jacob launched the International Hernia Collaboration (IHC), a private Facebook™ group of over 2500 hernia surgeons and hernia industry partners. He believes here there is significant power in large focused professional networks like the IHC, and thus expects the continued growth of it, and other groups like it, to rapidly change the way medical information is disseminated and exchanged in order to improve the care we bring to our patients.

Dr. Jacob serves on the Board of Governors for SAGES and for AHS, and is the social media subcommittee chair at ACS. He has 4 children and now lives in Demarest, NJ.

SESSION DESCRIPTION
For the past 5 years, the number of surgeons and other health care professionals collaborating and educating on social media platforms designed with the intent to optimize patient outcomes, continues to rapidly grow on a global scale. With a platform designed to share experiences, all surgeons suddenly had an equal voice. New definitions of the term expert emerged. New influencers have been born. New mentors and mentorship platforms were born. With this growth came a rise in the number of social media groups being used for this purpose. Given the many pros and cons to the use of social media for surgical education and information dissemination, all surgeons engaged (from those who are just passive occasional lurkers to those actively using social media multiple times daily) should attend this unique lecture to learn how each one of us can help improve the value of the care each of us provide globally, by collaborating together in a professional manner in real time.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• List the pros and cons of using social media to help optimize patient outcomes
• Establish the importance of mentoring and being mentored by trusted colleagues in the field
• Understand how to optimize your desire to educate, innovate, and to learn

Exhibits / Posters / Learning Center / Video Sessions in Exhibit Hall
Postgraduate Course: ILLS Joint Session - Overview of Minimally Invasive Liver Resection

Chair: Daniel Cherqui, MD | Co-Chair: Go Wakabayashi, MD, PhD

SESSION DESCRIPTION
Laparoscopic liver resection is now utilized for select cases of benign liver masses, primary and metastatic liver tumors, and live donor hepatectomy for liver transplantation. This session will provide an overview of the indications, as well as short-term benefits and long-term outcomes of laparoscopic liver resection.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe indications for laparoscopic liver resection
• Develop minimally invasive liver resection techniques
• Assess short and long term outcomes of laparoscopic liver resection

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>10:15AM</td>
<td>2nd International Consensus Conference highlights</td>
<td>Go Wakabayashi, MD, PhD</td>
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<tr>
<td>10:30AM</td>
<td>Short term outcomes of MILR</td>
<td>Claudius Conrad, MD, PhD</td>
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<tr>
<td>10:45AM</td>
<td>Long term outcomes of MILR for cancer</td>
<td>David Geller, MD</td>
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<tr>
<td>11:00AM</td>
<td>The Oslo CoMet Study</td>
<td>Bjorn Edwin, MD</td>
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<tr>
<td>11:15AM</td>
<td>MILR for benign disease</td>
<td>Yuman Fong, MD</td>
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<tr>
<td>11:30AM</td>
<td>Evolution of MILR and ILLS Society</td>
<td>Daniel Cherqui, MD</td>
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<tr>
<td>11:45AM</td>
<td>Discussion</td>
<td>Panel Faculty</td>
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LEARNING THEMES:
HPB
HPB/Biliary

NATIONAL PRIORITIES
Thursday, March 23, 2017

Postgraduate Course: SMART Enhanced Recovery - Beyond Colorectal
Chair: Thomas Aloia, MD | Co-Chair: Bruce Ramshaw, MD

SESSION DESCRIPTION
Enhanced recovery is an established perioperative care plan in colorectal surgery. The feasibility and efficacy in non-colorectal fields is in evolution. The purpose of this session is to describe goals, strategies and tactics for achieving success with these unique programs. Special emphasis will be on analytic models and future directions in clinical research regarding enhanced recovery pathways.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe how system science including factor analysis can be used to measure the success of enhanced recovery
• Describe the elements and outcomes related to enhanced recovery after these types of surgery:
  - Foregut/esophagus
  - HPB
  - Bariatric
  - Hernia repair

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>10:15AM</td>
<td>Using systems science to assess enhanced recovery</td>
<td>Bruce Ramshaw, MD</td>
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<tr>
<td>10:30AM</td>
<td>Enhanced recovery in foregut surgery</td>
<td>Sumeet Mittal, MD</td>
</tr>
<tr>
<td>10:45AM</td>
<td>Enhanced recovery in HPB surgery</td>
<td>Dionisios (Dennis) Vrochides, MD, PhD</td>
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<tr>
<td>11:00AM</td>
<td>Enhanced recovery in bariatric surgery</td>
<td>Matthew Hutter, MD, MPH</td>
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<tr>
<td>11:15AM</td>
<td>Enhanced recovery in hernia surgery</td>
<td>Andrew Wright, MD</td>
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<tr>
<td>11:30AM</td>
<td>Roundtable discussion/ Q&amp;A</td>
<td>All panelists</td>
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LEARNING THEMES:
- B Bariatrics
- HR Hernias
- FOR Foregut
- HPB HPB/Biliary
- PE Professional/Economic
- NS New technologies/Skill acquisition

GUIDELINES:
• Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
• Guidelines for Laparoscopic Ventral Hernia Repair
• Guidelines for the Management of Hiatal Hernia
• Guidelines for the Surgical Treatment of Esophageal Achalasia

NATIONAL PRIORITIES
SAGES acknowledges an educational grant in support of this course from Merck.

Program of the “Americas” Joint Panel: What I Thought was a Fact is a Myth?
Chair: Natan Zundel, MD | Co-Chair: Samuel Shuchleib, MD and Antonio Bispo, MD

SESSION DESCRIPTION
There are some controversial subjects, for which we think we have the answers. Sometimes, however, there is a lack of evidence to support these “facts” which are actually just myths. In this session we will hear from experts across the Americas who will discuss some controversial “facts” and present both sides of the coin so that you can decide fact or myth for yourself.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Distinguish between the treatment options for achalasia
• Interpret the available data for the use of laparoscopic inguinal hernia surgery
• Apply the best available evidence to select the right bariatric operation for the right patient
• Compare and contrast the treatment options for CBD stones when cholecystectomy is planned
Thursday, March 23, 2017

ACTIVITY OUTLINE

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<th>Time</th>
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<th>Invited Faculty</th>
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<tr>
<td>10:15AM</td>
<td>Introduction/Explanation</td>
<td>Natan Zundel, MD</td>
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<tr>
<td>10:20AM</td>
<td>Fact or Myth: Severe GERD and Barrett's are better managed by Endoscopy</td>
<td>Jose Martinez, MD</td>
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<tr>
<td>10:30AM</td>
<td>Fact or Myth: Severe GERD and Barrett's should be treated Surgically</td>
<td>Marco Patti, MD</td>
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<td>10:40AM</td>
<td>Q &amp; A/Voting</td>
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<tr>
<td>10:45AM</td>
<td>Fact or Myth: Severe GERD and Barrett's should be treated Surgically</td>
<td>Marco Patti, MD</td>
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<tr>
<td>10:55AM</td>
<td>Fact or Myth: Severe GERD and Barrett's should be treated Surgically</td>
<td>Marco Patti, MD</td>
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<tr>
<td>11:05AM</td>
<td>Q &amp; A/Voting</td>
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<tr>
<td>11:10AM</td>
<td>Fact or Myth: Sleeve Gastrectomy is the best Bariatric and metabolic procedure</td>
<td>Michel Gagner, MD</td>
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<tr>
<td>11:20AM</td>
<td>Fact or Myth: Gastric Bypass is the best Bariatric and Metabolic Procedure</td>
<td>Ricardo Cohen, MD</td>
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<tr>
<td>11:30AM</td>
<td>Q &amp; A/Voting</td>
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<tr>
<td>11:35AM</td>
<td>Fact or Myth: CBD and Gallstones: ERCP should be tried in every patient before the Lap Chole</td>
<td>Eduardo Valdivieso, MD</td>
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<tr>
<td>11:45AM</td>
<td>Fact or Myth: Simultaneous Lap Chole and CBD stones removal is the way to go. I solve both problems</td>
<td>Samuel Shuchleib, MD</td>
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<tr>
<td>11:55AM</td>
<td>Q &amp; A/Voting</td>
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LEARNING THEMES:
- Bariatrics
- Hernias
- Foregut
- HPB/Biliary
- NS: New technologies/Skill acquisition

GUIDELINES:
- Guidelines for Diagnosis, Treatment, and Use of Laparoscopy for Surgical Problems during Pregnancy
- Guidelines for Laparoscopic Ventral Hernia Repair
- Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery
- Guidelines for the Surgical Treatment of Esophageal Achalasia
- Guidelines for the Management of Hiatal Hernia
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)

10:15 AM - 12:00 PM  *Included in Registration SuperPass (Option A) or Registration Option B

**Video Face-Off Panel: Lap Band to Gastric Bypass**
Chair: Alfons Pomp, MD | Co-Chair: Aurora Pryor, MD

SESSION DESCRIPTION
The laparoscopic adjustable gastric band was a popular operation that is associated with a significant incidence of complications and weight loss failures requiring revision. A laparoscopic revision from laparoscopic gastric band to gastric bypass is an operation that should be part of the bariatric surgeon's armamentarium. Recognized experts in the field will use video to demonstrate technical tips and tricks to help you better perform this procedure.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Distinguish between different indications for laparoscopic band revision to gastric bypass
- Illustrate several surgical techniques for lap band to gastric bypass surgery
- Develop surgical strategies to allow surgeons to safely perform this operation and troubleshoot when necessary

ACTIVITY OUTLINE

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<tr>
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<tr>
<td>10:15AM</td>
<td>Band to Bypass Operation</td>
<td>Caitlin Halbert, DO</td>
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<td></td>
<td>Contributing Faculty &amp; Expert Panelists:</td>
<td>Samer Mattar, MD Ashutosh Kaul, MD</td>
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<tr>
<td>11:45AM</td>
<td>Q&amp;A/ Discussion</td>
<td>Panel (all)</td>
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LEARNING THEMES:
- Bariatrics

GUIDELINES:
- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
- Role of Endoscopy in the Bariatric Surgery Patient

NATIONAL PRIORITIES
Thursday, March 23, 2017

SS08 Education, Simulation and Assessment

Moderator: Jo Buyske, MD; Co-Moderator: Jaisa S. Olasky, MD

S060 ANALYSIS OF THE INITIAL PSYCHOMETRIC PERFORMANCE OF THE FUNDAMENTALS OF ENDOSCOPIC SURGERY (FES) SKILLS EXAMINATION. Matthew Lineberry, PhD1, E Matthew Ritter, MD2; 1Zamierowski Institute for Experiential Learning, University of Kansas Medical Center and Hospital, Kansas City, KS, 2Uniformed Services University/Walter Reed National Military Medical Center, Department of Surgery, Division of General Surgery & National Capital Region Simulation Consortium, Bethesda MD

S061 PROFICIENCY-BASED PREPARATION SIGNIFICANTLY IMPROVES FES CERTIFICATION PERFORMANCE. Angela A Guzzetta, MD1, Aimee K Gardner, PhD2, Ross E Willis, PhD2, Victor Wilcox, MD3, Brian J Dunkin, MD3, Deborah C Hogg, BS4, Lauren Scott, BS4, Sara A Hennessy, MD4, Daniel J Scott, MD4; 1University of Texas Southwestern Medical School, 2University of Texas Health Science Center at San Antonio, 3Houston Methodist Hospital

S062 PASSING THE FUNDAMENTALS OF ENDOSCOPIC SURGERY (FES) EXAM: LINKING SPECIALTY CHOICE AND ATTITUDES ABOUT ENDOSCOPIC SURGERY TO SUCCESS. Aimee K Gardner, Michael B Ujiki1, Brian J Dunkin1; 1University of Texas Southwestern Medical Center, 2Northshore University Health System, 3Houston Methodist Hospital

S063 FUNDAMENTALS OF LAPAROSCOPIC SURGERY (FLS) CERTIFICATION EXAM: TRENDS OVER THE PAST 9 YEARS. Elif Bilgic1, Pepa Kaneva1, Allan Okrainec2, Eric M Ritter3, Steven D Schwartzberg4, Melina C Vassiliou5; 1McGill University, 2University of Toronto, 3Uniformed Services University, 4University of Buffalo

S064 THE STEEPWISE TRAINING METHOD FOR THE BASIC LAPAROSCOPIC SKILLS USING THE TWO-WAY WEB CONFERENCE SYSTEM: A MULTICENTER PROSPECTIVE RANDOMIZED CONTROLLED STUDY. Tomoko Mizota, MD1, Yo Kurashima, PhD1, PhD2, Saseem Poudel, MD, PhD1, Satoshi Hirano, MD, PhD1; Department of Gastroenterological Surgery II, 1Hokkaido University Graduate School of Medicine

S065 AUTOMATIC OSATS RATING OF TRAINEE SKILL AT A PEDIATRIC LAPAROSCOPIC SUTURING TASK. Yousi A Oquendo, BSE1, Elijah W Riddle, MD2, Dennis Hiller, BSN, RN3, Thane A Blinman, MD3, Katherine J Kuchenbecker, PhD4; 1University of Pennsylvania, 2Children’s Hospital of Philadelphia

SS09 Exhibit Hall

Video Presentations Session 1

Moderator: Simon Bergman, MD; Co-Moderator: Vadim Sherman, MD

V021 LAPAROSCOPIC MEDIAN ARCULATE LIGAMENT RELEASE FOR CELIAC ARTERY COMPRESSION AFTER LIVER TRANSPLANTATION. Alejandro Rodriguez-Garcia, MD1, Martin I Montenegro, MD, Monica T Young, MD, Hope T Jackson, MD, Andrew S Wright, MD, Brant K Oelschlager, MD; 1University of Washington

V022 LAPAROENDOSCOPIC MANAGEMENT OF BOVERET’S SYNDROME AND GALLSTONE ILEUS. Shanley B Deal, MD1, Jessica Koller Gorham, MD1, Andrew S Ross, MD2, Flavio G Rocha, MD, FAC5, Virginia Mason Medical Center

V023 LAPAROSCOPIC SLEEVE GASTRECTOMY WITH SIMULTANEOUS IMPLANTATION OF DIAPHRAGMATIC PACING DEVICE. Seyed Mohammad Kalantar Motamedi, MD, MPH, Mohammed Alshehri, MD, Raymond Onders, MD, Leena Khaitan, MD, MPH; University Hospitals, Cleveland Medical Center

V024 UNUSUAL PROBLEMS WITH INTRA-GASTRIC BALLOONS. Tripurari Mishra, MD1, Ibrahim Al-Saidi, MD2, Peter Rantis, MD2, Rami Lutfi3; 1Advocate Illinois Masonic Hospital, 2Presence Saint Joseph Hospital, 3Mercy Hospital and Medical Center

V025 LAPAROSCOPIC APPROACH TO RUPTURED LIVER ABSCESSE: EXPLORING A POTENTIAL NEW STANDARD OF SURGICAL CARE. Ajay H Bhandarwar, MS1, Saurabh S Gandhi2, MS, Chintan B Patel, MS, Amol N Wagh, MS, Eham Arora, Priyank D Kothari; Grant government medical college & Sir J.J. group of Hospitals, Mumbai, India

V026 IMAGE-GUIDED LAPAROSCOPY: A NOVEL TECHNIQUE. Joseph Brueckeck, MD1, Aaron Wiegmann, BS, Minh Luu, MD, FACS, Daniel J Deziel, MD, FACS, Jonathan A Myers, MD, FACS; Rush University Medical Center

V027 LESSONS LEARNED FROM A PHASE II CLINICAL TRIAL OF LAPAROSCOPIC HIPEC (HYPERTHERMIC INTRAPERITONEAL PERFUSION WITH CHEMOTHERAPY) FOR GASTRIC CANCER. Brian Badgwell1, Mariela Blum, Prajnan Das, Jeannelyn Estrella, Xuemei Wang, Keith Fournier, Richard Royal, Paul Mansfield, Jaffer Ajani; MD Anderson Cancer Center

V028 MEDIAN ARCULATE LIGAMENT SYNDROME AFTER ROUX-EN-Y GASTRIC BYPASS. Robert A Grossman, MD, Fred Brody, MD, MBA; George Washington University

V029 LAPAROSCOPIC RESECTION OF DUODENAL SPINDLE CELL TUMOR. Matthew T Allemang, MD, Gautam Sharma, MD, Andrew T Stron2, MD, James Villamere, MD, John Rodriguez, MD, Jeffrey L Ponsky, MD, Sricharan Chalikonda, MD, Matthew Kroh, MD; Section of Surgical Endoscopy, Department of General Surgery, Digestive Disease Institute, Cleveland Clinic, Cleveland, Ohio

V030 UTILITY OF HYBRID RENDEZVOUS TECHNIQUE WITH LAPAROSCOPY AND ENDOSCOPY. Emanuel E Nearing, II, MD1, Brandon T Grover, DO2; 1Gundersen Medical Foundation, 2Gundersen Health System

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

Non-CME Activity

SAGES 2017 Surgical Spring Week
Thursday, March 23, 2017

Panel: Firsts and Pioneers – Evolutions and Revolutions in Surgery
Chair: Steve Eubanks, MD | Co-Chair: Sharon Bachman, MD

SESSION DESCRIPTION
This session will focus on the history of the early phases of the development of laparoscopic and endoscopic surgery. A factual and detailed description of “first” procedures will be presented by pioneers followed by a discussion of the motivations, obstacles, and successes they encountered.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Articulate the accurate history of surgical “firsts”
• Employ accepted approaches to introducing new techniques and technologies
• Apply advice and lessons learned from pioneers when introducing new devices and procedures

ACTIVITY OUTLINE

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<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>11:15AM</td>
<td>Introduction</td>
<td>Steve Eubanks, MD</td>
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<tr>
<td>11:20AM</td>
<td>The Development of Lap Chole</td>
<td>Horacio Asbun, MD</td>
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<tr>
<td>11:35AM</td>
<td>Development &amp; Introduction of POEM</td>
<td>Haruhiro Inoue, MD</td>
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<tr>
<td>11:50AM</td>
<td>Lessons Learned from the Introduction of a new Endoscopic Procedure</td>
<td>Jeffrey Ponsky, MD</td>
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<tr>
<td>12:05PM</td>
<td>Panel Q&amp;A</td>
<td>Sharon Bachman, MD</td>
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LEARNING THEMES:
F0R For Gut
H0B HP/Biliary
F0E Flexible Endoscopy
N0S New technologies/Skill acquisition

GUIDELINES:
• Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
• Guidelines for the Surgical Treatment of Esophageal Achalasia
• Infection Control During GI Endoscopy
• Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
• Sedation and Anesthesia in GI Endoscopy
• Statement on the Relationship Between Professional Medical Associations and Industry

NATIONAL PRIORITIES

11:15 AM - 12:15 AM  SS10 Robotics
Moderator: Dmitry Olevnikov, MD; Co-Moderator: Bilgi Baca, MD
S066 MULTICENTER REVIEW OF ROBOTIC VERSUS LAPAROSCOPIC VENTRAL HERNIA REPAIR: IS THERE A ROLE FOR ROBOTICS? Peter Walker, MD1, Audriene May, MD2, Monica Rosales Santillan, BS3, Steven Kim, BS4, Shiniil Shah, DO5, Erik Wilson6, Mike Liang, MD7, Shawn Tsuda, MD8; 1University of Texas Health Science Center at Houston, 2University of Nevada School of Medicine at Las Vegas
S067 A PROSPECTIVE, RANDOMIZED TRIAL TO ASSESS PROFICIENCY WITH DISTRACTION DURING LAPAROSCOPY USING 2D VERSUS IMMERSIVE-3D VISION Steven D Kim, BS9, Audriene May, MS10, Heidi Ryan, MD11, Adnan Mohsin, BS12, Shawn Tsuda, MD13; 9University of Nevada, Reno School of Medicine, 10University of Nevada, Las Vegas School of Medicine
S068 ROBOTIC GASTRIC BYPASS LEADS TO FEWER COMPLICATIONS COMPARED WITH LAPAROSCOPY Savannah Bailey1, Timothy Kuwada2, Keith Gersin3, Connie Simms4, Dimitrios Stefanidis5; 1University of South Carolina, 2Carolinas Healthcare System, 3Indiana University
S069 ROBOTIC VERSUS LAPAROSCOPIC LATERAL PELVIC LYMPH NODE DISSECTION IN PATIENTS WITH RECTAL CANCER: A COMPARATIVE STUDY OF SHORT-TERM OUTCOMES Hye Jin Kim1, Gyu-Seog Choi, Jun Seok Park, Soo Yeun Park, Hee Jae Lee; Kyungpook National University Medical Center, Daegu, Korea
S070 THE AMBULATORY SURGERY SHIFT TO ROBOTIC SURGERY: AT WHAT COST? Ellen Vogels, DO1, May David, DO2, Darron McField, MD3, Mark Jayanathan, MD4, James Dove, Fluck Marcus, David Parker, MD, Jon Gabrielsen, MD5, Anthony Petrick, MD6; Geisinger Medical Center
S071 GROWTH IN ROBOTIC-ASSISTED PROCEDURES IS FROM CONVERSION OF LAPAROSCOPIC PROCEDURES AND NOT FROM OPEN SURGEONS CONVERSION: A STUDY OF TRENDS AND COSTS Priscila R Armijo, MD1, Spyridon Pagkratis, MD2, Eugene Boilesen3, Tiffany N Tanner, MD4, Dmitry Olevnikov, MD, FACS5; 1University of Nebraska Medical Center, 2University of Nebraska College of Public Health
Thursday, March 23, 2017

12:00 PM - 2:00 PM  SS11 Exhibit Hall

Video Presentations Session 2

*Included in Registration SuperPass (Option A) or Registration Option B
(Non-CME Activity)

Moderator: Ruchir Puri, MD; Co-Moderator: Patrick R. Reardon, MD

V021 CONGENITAL TRANSVERSE MESOCOLIC HERNIA: LAPAROSCOPIC MANAGEMENT OF A RARE INTERNAL HERNIA
Hope T. Jackson, MD, H. Alejandro Rodriguez, MD, Monica T. Young, MD, Brant K. Oelschlager, MD; University of Washington School of Medicine

V022 LAPAROSCOPIC-ASSISTED RECTAL SURGERY FOR RECTAL CANCER USING THE SIMPLE RECTUM CATCHER DEVICE WITH AN INTRA-OPERATIVE COLONOSCOPY: RESULTS OF OUR HOSPITAL STUDY IN 203 PATIENTS.
Akiko Matsumoto, MD, Kaida Arita, MD; Tsukuba Kyodo General Hospital

V033 LAPAROSCOPIC REPAIR OF MASSIVE TYPE IV DIAPHRAGMATIC HERNIA
Rajmohan Rammohan, MD, Mandip Joshi, MD, Nisha Dhanabalasamy, MD, Hira Ahmad, MD, Emanuele LoMenzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASM, BS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

V034 LAPAROSCOPIC MANAGEMENT OF COMPLICATED MECKLE’S DIVER蒂CULARJm, Karapran Wittayapairoch, MD, Rapheeshpat Tomphetshanga,2 Kongpon Tangpanitandee,1 Worawit Kattipatananpong,1 Krit Kittisin,1 Supaph-ut Pungpapong,1 Chadin Tharavej,1 Patpong Navicharem,1 Suhep Udomsawaengsup;1;1 Department of Surgery, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, 1 Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand.

V035 IMMEDIATE RECURRENCE OF HIATAL HERNIA AFTER REPAIR WITH CONVERSION OF SLEEVE TO BYPASS
Matthew L. Dong, MD, MPH; Desmond Huyhn, Daniel Herron, MD, FACS; Icahn School of Medicine at Mount Sinai

V036 THORACOSCOPIC STAPLER DIVISION OF FISTULA TRACT – A NOVEL AND UNIQUE SOLUTION TO BENIGN ACQUIRED TRACHEO ESOPHAGEAL FISTULA (TEF). C. Palanivelu, MS, FACS, FRCSEd, DSc, R. Parthasarathi, MS, FAMS, S. Rajapandian, MS, FRCSEd, FMAS, P. Senthilnathan, MS, FAMS, DNB, P. Praveen Raj, MS, FMAS, N. Ramesh, MS, M. Bharath Kumar, MS, S. Saravana Kumar, MS; GEM Hospital & Research Centre

V037 A NOVEL EVACUATION SYSTEM ENABLES SURGEONS TO PERFORM LAPAROSCOPIC TOTAL MESORECTAL EXCISION WITH HIGH PRECISION USING AN ELECTRIC SCALPEL ALONE
Akinari Nomuro, Yasuo Koga, Shuusuke Miyake, Hironori Iwasaki, Hirokazu Noshito; Saga University

V038 LAPAROSCOPIC APPROACH FOR RARE BILATERAL HYPOCRONIC HERNIA OF CANAL OF NUCK
Ayak H. Bhandariw, MS, Saurabh S. Gandhi, MS, Dattaguru R. Kulkarni, MS, Chintan B. Patel, MS, Amol N. Wagh, MS, Priyank D. Kothari, Eham L. Arora; Grant government medical college & Sir J.J. group of Hospitals, Mumbai, India

V039 SURGICAL STRATEGIES BASED ON FLUORESCENCE IMAGING: SIMULTANEOUS ROBOTIC AND LAPAROSCOPIC SURGERY
Ana Otero, Beatriz Martin, Borja de Lacy, Bravo Raquel, Antonio de Lacy; Hospital Clinic

V040 SELECTIVE VASCULAR PRESERVATION: NOVEL USAGE OF FLUORESCENCE ANGIOGRAPHY IN TRANSHTIAL ESophageCTOMY
Shanglei Liu, MD, Domingo Montalvo, MD, Ran B. Luo, MD, Jonathan C. DeLong, MD, Toshiaki Suzuki, MD, Jessica L. Reynolds, MD, Garth R. Jacobsen, MD, Bryce J. Sandler, MD, Santiago Horgan, MD; UCSF Healthcare Systems

V041 LAPAROSCOPIC RESECTION OF LARGE DUODENAL SUBMUCOSAL LIPOMA
Taylor Paziuk,1 Carly Comer,1 Sami Tannouri,2 Michael Pucci, MD, FACS;1 Sidney Kimmel Medical College at Thomas Jefferson University, ‘Department of Surgery at Thomas Jefferson University Hospital

V042 COMPLETELY MINIMALLY INVASIVE ESOPHAGECTOMY FOR CANCER WITH INTRATHORACIC ANASTOMOSIS: A SIMPLE AND REPRODUCIBLE TECHNIQUE IN PRONE POSITION
Pierre Allemand, MD1, Donald van der Peet, MD, Styliani Mantziari, MD, Pierre Fournier, MD1, Miguel Cuesta, MD2, Nicolas Demartines, MD, FACS,2 Markus Schafer, MD,3 ‘Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, CH;1 Vrije University Medical Center (VUMC), Amsterdam, NL

12:00 PM - 1:30 PM  SS11 Exhibit Hall

**Lectures: Included in Registration SuperPass (Option A) or Registration Option B
**Lunch: Separate Fee Applies

Educator’s Luncheon “Can I Trust my Trainees to do it Right?” Entrustable Professional Activities (EPA’s) for Competency-Based Surgical Education

Chair: Matthew Ritter, MD

SESSION DESCRIPTION
Surgical Educators battle with entrustment decisions daily. Having a way to more clearly quantify what a trainee can be allowed to do independently leads to more efficient training and the natural development of much needed autonomy. EPA’s are a practical, and actionable way to begin consistently measuring competency and making entrustment decisions. This lunch time session will review what EPA’s are, how they are developed, and where surgical education is headed with the application of these useful tools.

Who should attend: Clinical Faculty, Residency and Fellowship Program Directors, Simulation Program Directors, Clinical Competency Committee members, and Surgical Educators.

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

- Describe how EPA’s facilitate assessment of Core Competencies and achievement of Sub Competency Milestones
- Identify what leading organizations like the American Board of Surgery and SAGES are doing to define EPA’s for Surgeons
- Recognize how SAGES Surgeons can be involved in ongoing initiatives to develop EPA’s for MIS
Thursday, March 23, 2017

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>12:00PM</td>
<td>The Down and Dirty on EPA's</td>
<td>E. Matthew Ritter, MD</td>
</tr>
<tr>
<td>12:20PM</td>
<td>EPA's in Surgical Training: Perspective of the American Board of Surgery</td>
<td>John Hunter, MD</td>
</tr>
<tr>
<td>12:40PM</td>
<td>SAGES Leading the way – Initiatives to develop EPAs for MIS and Surgical Endoscopy</td>
<td>Matthew Goldblatt, MD</td>
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<tr>
<td>1:00PM</td>
<td>Panel Discussion / Q&amp;A</td>
<td>Panel</td>
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</table>

LEARNING THEMES:
AE学术/教育

NATIONAL PRIORITIES

12:00 PM - 1:30 PM *Included in Registration SuperPass (Option A) or Registration Option B

Eat & Greet Lunch in the Exhibit Hall for All Attendees
Enjoy free lunch while you explore latest products and technologies offered by our exhibits.

12:15 PM - 1:30 PM *Separate Registration Required / Included in Registration SuperPass (Option A) or Registration Option B

Let’s Do Lunch - Hernia, Liver/Biliary, Esophagus & Colon Tables
Chair: John Stauffer, MD
SAGES does not offer CME for this activity
Four tables to choose from, each limited to 10 attendees. Casual lunch discussions with your colleagues as if you would be in the surgeon’s lounge discussing cases.
Facilitators: Ajita Prabhu, MD & Igor Belyansky, MD (Hernia), John Stauffer, MD (Liver/Biliary), Steven P. Bowers, MD (Esophagus), Marylise Boutros, MD (Colon)

12:15 PM - 1:15 PM *Included in Registration SuperPass (Option A) or Registration Option B

Community Practice Townhall
SAGES does not offer CME for this activity
Hosted by the Membership Committee, the Community Practice Townhall is an opportunity for private practice, community-based or hospital employed surgeons to network and discuss common issues. By sharing problems and solutions we can help SAGES work for you. We hope you can make it! Box lunch will be available.
Thursday, March 23, 2017

12:30 PM - 6:30 PM

*Separate Fee Applies

Hands-On Course: Lap Colon ADOPT (Immersion Program with Mentorship)

Chair: Jaime Sanchez, MD | Co-Chair: Peter Marcello, MD

SESSION DESCRIPTION
We all had adequate training during our residencies but there are still challenges that we face on a daily basis, whether it be the patient’s obesity, dense inflammation, or unclear anatomy that require a conversion to an open procedure. We may wish to offer a minimally invasive operation but may not have ALL the skill sets to handle a patient's anatomy, body habitus, or condition. We have designed this IMMERSION program to allow you to take your skills to the next level. Prior to the hands on course, attendees will review operative videos of both right and left laparoscopic colectomies and be assigned mentors with whom they will meet to discuss personalized training objectives. During the course, attendees will train on cadavers at the MITIE lab, and faculty will use standardized teaching techniques proven to improve operative learning. This course will have a 1 faculty to 2 students ratio. Following course completion, participants will continue to receive ongoing mentor interactions including scheduled webinars and video reviews of their cases. Those learners who have fully participated in the year-long program will have the opportunity to present their experience as a podium presentation at the 2018 SAGES Meeting.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Formulate an operative plan for the performance of laparoscopic left and right colectomy
• Identify proper anatomical planes and isolate anatomic structures for the performance of laparoscopic left and right colectomy
• Competently conduct the technical steps of laparoscopic left and right colectomy

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>WED, 3/22</td>
<td>Introduction (evening before the course) Review the procedures and the immersion program, set expectations for the learning that will occur and answer any questions that attendees may have</td>
<td>Jamie Sanchez, MD Peter Marcello, MD All Faculty</td>
</tr>
<tr>
<td>6:00PM-7:00PM</td>
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<tr>
<td>THU, 3/23</td>
<td>Hands on Lab Course: Laparoscopic Right Colectomy Laparoscopic Left Colectomy</td>
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<tr>
<td>12:30PM – 6:25PM</td>
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<tr>
<td>6:25PM</td>
<td>Wrap-Up</td>
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<td>6:30PM</td>
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Course Limitation: This course is limited to practicing physicians no longer in training and it is important that attendees perform at least 20 colon cases per year. With this volume, the likelihood of adopting laparoscopic colectomy in practice is increased.

Invited Faculty: Greta Bernier, MD; Tom Cecil, MD; Mark Coleman, MD, MBChB; Todd Francone, MD; Michael Grieco, MD; Eric Haas, MD; Sang W. Lee, MD; Peter Marcello, MD; Lisa Moudgill, MD; Nabil Tariq, MD

LEARNING THEMES:
- Colorectal

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

NATIONAL PRIORITIES

SAGES acknowledges educational grants in support of this course from Applied Medical and Stryker Endoscopy.

SAGES acknowledges contributions in-kind in support of this course from Applied Medical, Karl Storz, Medtronic, Olympus and Stryker.
Thursday, March 23, 2017

**Workshop: SMART Enhanced Recovery for the Team**
Chair: Liane Feldman, MD | Co-Chair: Pascal Fuchshuber, MD

**SESSION DESCRIPTION**
Enhanced Recovery Programs (ERPs) incorporate multiple evidence-based interventions into a single perioperative care plan to reduce resource use and complications and increase patient satisfaction. ERPs encompass the entire perioperative trajectory and require interdisciplinary teamwork to implement. The SAGES SMART ERP provides a starting point to help SAGES members implement ERPs in their hospital (http://www.sages.org/smart-enhanced-recovery-program/). SMART provides a generic template that can be adopted for a variety of procedures, both MIS and open, including bowel, hernia, foregut and bariatric. This workshop will review the SMART recommendations and provide templates for patient education materials, order sets and nursing guidelines to help teams get their own ERPs into practice. The workshop is geared towards teams working to implement ERPs and ideally surgeons, anesthesiologists and nurses would attend the workshop together. In addition, the workshop will be of interest to teams encountering specific problems during implementation or who wish to expand their ERPs to new procedures. The workshop will include a mixture of presentations and hands-on experience with the SMART materials and discussion with expert faculty with ERPs in a variety of areas. Workshop attendees will form a SMART surgery community and continue to be mentored through implementation in the year after the workshop.

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Develop standardized, multimodal, evidence-based order sets
- Identify strategies to overcome barriers in ERP implementation
- Use the SMART web page to increase knowledge of ERPs

**ACTIVITY OUTLINE**

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>SMART Enhanced Recovery: Hands-on introduction to using the website</td>
<td>Liane Feldman, MD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>I’m stuck: Common problems and solutions from the SMART FAQs (including getting buy-in from multiple surgeons; managing common issues like food intolerance, urinary retention; getting resources)</td>
<td>Thomas Aloia, MD</td>
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<tr>
<td>2:15PM</td>
<td>Involving patients: Are apps the answer?</td>
<td>John Monson, MD</td>
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<tr>
<td>2:30PM</td>
<td>How to do audit and feedback</td>
<td>Julie Thacker, MD</td>
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<tr>
<td>2:45PM</td>
<td>Workshop discussion in 4 groups/tables. Participants encouraged to bring their own ERP materials to work on: 1. Engaging patients in ERPs- creating patient version of your pathway 2. Creating an order set as a team- coming to consensus 3. Using your data for implementation and improvement 4. Making a business case using your own data</td>
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</table>

All talks will encourage interaction between speaker and participants in this workshop environment.

**Invited Faculty:** Thomas Aloia, MD; Vijaya Gottumukkala, MD (Anesthesia); Whitney Jemison (Nursing); Deborah Keller, MS, MD; Lawrence Lee, MD; John Monson, MD; Julie Thacker, MD; Andrew Wright, MD

**LEARNING THEMES:**
- **PE** Professional/Economic
- **NS** New technologies/Skill acquisition

**NATIONAL PRIORITIES**

SAGES acknowledges educational grants in support of this course from Applied Medical and Merck.
Thursday, March 23, 2017

1:30 PM - 5:00 PM
*Included in Registration SuperPass (Option A) or Registration Option B

Postgraduate Course: ILLS Joint Session - Techniques of Laparoscopic Liver Resection Video Session and Liver Tumor Board

Chair: David Geller, MD | Co-Chair: Claudius Conrad, MD, PhD

SESSION DESCRIPTION
Laparoscopic liver resection is now utilized for not only select cases of benign liver masses, but also primary and metastatic liver tumors, and live donor hepatectomy for liver transplantation. This session will provide an overview of the indications and techniques of laparoscopic liver resection. The session will include educational videos and a Liver Tumor Board of 4 challenging liver tumor cases.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe indications for laparoscopic liver resection
• Develop safe and oncologically sound minimally invasive liver resection techniques
• Assess short and long term outcomes of laparoscopic liver resection

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Controlling difficult bleeding during Lap Liver Resection</td>
<td>Brice Gayet, MD</td>
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<tr>
<td>1:45PM</td>
<td>Laparoscopic anatomical hepatectomy with caudal approach</td>
<td>Go Wakabayashi, MD, PhD</td>
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<tr>
<td>2:00PM</td>
<td>Laparoscopic right hemi-hepatectomy</td>
<td>Daniel Cherqui, MD</td>
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<tr>
<td>2:15PM</td>
<td>Laparoscopic live donor hepatectomy</td>
<td>David Kwon, MD</td>
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<tr>
<td>2:30PM</td>
<td>Laparoscopic left hemi-hepatectomy and left lateral sectionectomy</td>
<td>Nicholas O’Rourke, MD</td>
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<tr>
<td>2:45PM</td>
<td>Laparoscopic caudate lobectomy</td>
<td>Joseph Buell, MD</td>
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<tr>
<td>3:00PM</td>
<td>MILR of HCC in cirrhosis</td>
<td>Ho-Seong Han, MD, PhD</td>
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<tr>
<td>3:15PM</td>
<td>Laparoscopic transthoracic and thoracoscopic liver resection</td>
<td>Claudius Conrad, MD, PhD</td>
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<tr>
<td>3:30PM</td>
<td>Robotic hepatic lobectomy</td>
<td>Allan Tsung, MD</td>
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<tr>
<td>3:45PM</td>
<td>Laparoscopic bile duct resection with hepatico-jejunostomy</td>
<td>Horacio Asbun, MD</td>
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<tr>
<td>4:00PM</td>
<td>Discussion</td>
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<tr>
<td>4:20PM</td>
<td>Break</td>
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<tr>
<td>4:30PM</td>
<td>Liver Tumor Board:</td>
<td>David Geller, MD</td>
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<tr>
<td></td>
<td>Case 1: 70 yo male with 2.5 cm HCC segm 3 in cirrhotic HCV, EtOH) with portal HTN</td>
<td>Claudius Conrad, MD, PhD</td>
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<td>Case 2: 67 yo male with 1.8 cm cm HCC in segm 6 with Childs A cirrhosis (HCV)</td>
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<td>Case 3: 50 yo male with stage IV synchronous sigmoid colon CA with 15 liver mets</td>
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<td>Case 4: 66 yo woman with stage IV synchronous colon cancer, liver, adrenal metastases</td>
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LEARNING THEMES:
HPB  HPB/Biliary

GUIDELINES:
• Guidelines for the Use of Laparoscopic Ultrasound

NATIONAL PRIORITIES

@SAGES_Updates  www.facebook.com/SAGESSurgery
Thursday, March 23, 2017

SAGES/ASMBS Joint Appropriateness Conference on Metabolic Surgery
Chair: Daniel Jones, MD | Co-Chair: Dana Telem, MD

SESSION DESCRIPTION
The indications and best practices for obesity surgery are evolving in the era of laparoscopy, endoscopy, multidisciplinary teams, facility accreditation, and specialty training. The field of bariatric and metabolic surgery touts improved outcomes, quality initiatives and advances in patient safety over the last decade. The Appropriateness Conference reviews updated guidelines from multiple societies.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Recognize currently accepted bariatric operations and appropriate indications for these procedures
- Identify best practices surrounding perioperative management of the bariatric patient
- Assess the optimal training to become a bariatric surgeon
- Understand the role of accreditation in bariatric surgery

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Defining Best Practices</td>
<td>Daniel Jones, MD</td>
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<tr>
<td>1:40PM</td>
<td>New indications for Surgery: BMI and Diabetes</td>
<td>Philip Schauer, MD</td>
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<tr>
<td>1:50PM</td>
<td>Accepted and Investigational Procedures: Spotlight on Outcomes</td>
<td>Stacy Brethauer, MD</td>
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<tr>
<td>2:00PM</td>
<td>Airway and Sleep Apnea Guidelines</td>
<td>Stephanie B. Jones, MD</td>
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<tr>
<td>2:10PM</td>
<td>Tubes, Drains and Clinical Pathways</td>
<td>Dana Telem, MD</td>
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<tr>
<td>2:20PM</td>
<td>Training and Credentialing</td>
<td>Raul Rosenthal, MD</td>
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<tr>
<td>2:30PM</td>
<td>MBSAQIP Bariatric program accreditation</td>
<td>David Provost, MD</td>
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<tr>
<td>2:40PM</td>
<td>Q&amp;A</td>
<td>All Faculty</td>
</tr>
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</table>

LEARNING THEMES:
- Bariatrics
- New technologies/Skill acquisition

GUIDELINES:
- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery

NATIONAL PRIORITIES
**JSES Joint Panel: What Can We Learn From Each Other?**
**MIS Trends in North America and Japan**

**Chair:** Manabu Yamamoto, MD  
**Co-Chair:** Dimitrios Stefanidis, MD, PhD

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**SESSION DESCRIPTION**

Both Japan and the United States and Canada have been leaders in advancing minimally invasive and endoscopic surgery for the benefit of our patients. In this panel, we will explore minimally invasive and endoscopic surgery trends in each country for common surgical diseases. The latest endoscopic and robotic approaches to patient care in each country will be presented. The newest enhanced recovery pathways implemented will be discussed and advances in surgical training will be compared between countries.

---

**SESSION OBJECTIVES**

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

- Identify the latest trends and technologic innovations in MIS and endoscopic surgery
- Evaluate different surgical techniques and adopt new training paradigms
- Compare the similarities and differences in surgical approaches to common diseases between Japan and North America

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<tbody>
<tr>
<td>1:30PM</td>
<td>Introductions</td>
<td>Manabu Yamamoto, MD, Dimitrios Stefanidis, MD</td>
</tr>
<tr>
<td>1:32PM</td>
<td>What is the latest in endoscopic treatment of GI surgery complications; Japanese experience</td>
<td>Kazuki Sumiyama, MD</td>
</tr>
<tr>
<td>1:42PM</td>
<td>What is the latest in endoscopic treatment of GI surgery complications; North American experience</td>
<td>Robert Fanelli, MD, MHA</td>
</tr>
<tr>
<td>1:52PM</td>
<td>What's hot in robotic general surgery in Japan?</td>
<td>Koichi Suda, MD</td>
</tr>
<tr>
<td>2:02PM</td>
<td>What's hot in robotic general surgery in North America?</td>
<td>Omar Yusef Kudsi, MD, MBA</td>
</tr>
<tr>
<td>2:12PM</td>
<td>Enhanced recovery programs in Japan</td>
<td>Takeshi Naitoh, MD</td>
</tr>
<tr>
<td>2:22PM</td>
<td>Enhanced recovery programs in North America</td>
<td>Anne Lidor, MD</td>
</tr>
<tr>
<td>2:32PM</td>
<td>What is new in surgical education in Japan?</td>
<td>Yo Kurashima, MD, PhD</td>
</tr>
<tr>
<td>2:42PM</td>
<td>What is new in surgical education in North America?</td>
<td>Daniel Dent, MD</td>
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<tr>
<td>2:52PM</td>
<td>Q&amp;A</td>
<td>Manabu Yamamoto, MD, PhD, Dimitrios Stefanidis, MD</td>
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**LEARNING THEMES:**

- B Bariatrics
- FOR Foregut
- R Robotics
- AE Academic/Educational
- FE Flexible Endoscopy
- NS New technologies/Skill acquisition

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**GUIDELINES:**

- A Consensus Document on Robotic Surgery
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
- Role of Endoscopy in the Bariatric Surgery Patient
Thursday, March 23, 2017

SAGES Stories: Controversies in Foregut Surgery
(Honest discussions from expert surgeons)
Chair: Brian Dunkin, MD | Co-Chair: Steven Schwaitzberg, MD

SESSION DESCRIPTION
This unique session will have world leaders in the management of foregut disease present real clinical controversies TED style. Each speaker will share patient stories to explore the management of debated foregut issues such as POEM versus Heller for achalasia, and paraesophageal hernia repair in the elderly. Following each presentation, the audience will have the opportunity to interact with the presenters and moderators in a relaxed atmosphere to explore each topic in greater detail. This session won’t be your usual “death by PowerPoint”. Come ready to be entertained and informed!

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Compare per oral endoscopic myotomy (POEM) to laparoscopic Heller myotomy from an effectiveness and cost-benefit perspective
- Manage GERD after Bariatric surgery
- Articulate management strategies for recurrent hiatal hernias

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction to a unique event</td>
<td>Brian J. Dunkin, MD</td>
</tr>
<tr>
<td>1:35PM</td>
<td>POEM or Heller - What’s the difference?</td>
<td>Lee Swanstrom, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>GERD after bariatric surgery - What to do?</td>
<td>Aurora Pryor, MD</td>
</tr>
<tr>
<td>2:25PM</td>
<td>Recurrent hiatal hernia - I thought I did a good job the first time around!</td>
<td>David Rattner, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- B: Bariatrics
- FOR: Foregut
- FE: Flexible Endoscopy

GUIDELINES:
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD)
- Guidelines for the Management of Hiatal Hernia
- Guidelines for the Surgical Treatment of Esophageal Achalasia
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
- SAGES TAVAC Safety and Effectiveness Analysis: LINX Reflux Management System
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
Thursday, March 23, 2017

**Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair**
Chair: Shirin Towfigh, MD | Co-Chair: Edward Felix, MD

**SESSION DESCRIPTION**
3/4 million inguinal hernias are repaired in the US alone. This video session will share tips and tricks from experts for repair of routine inguinal hernias, novel techniques for inguinal hernia repair, and repairs of rare types and complications of inguinal hernias and findings.

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Demonstrate complications from inguinal hernia repair and recommend techniques to address them
- Illustrate rare types of inguinal hernias and hernia-related findings and review techniques to repair them
- Recognize complications of inguinal hernia repair and demonstrate techniques to address or prevent them

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction &quot;The Rules&quot;</td>
<td>Shirin Towfigh, MD</td>
</tr>
<tr>
<td>1:40PM</td>
<td>Video #1</td>
<td>Kent Van Sickle, MD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Discussion #1</td>
<td>Panel</td>
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<tr>
<td>2:00PM</td>
<td>Video #2</td>
<td>Eugene Otto Dickens, MD</td>
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<tr>
<td>2:05PM</td>
<td>Discussion #2</td>
<td>Panel</td>
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<tr>
<td>2:20PM</td>
<td>Video #3</td>
<td>Guy Voeller, MD</td>
</tr>
<tr>
<td>2:25PM</td>
<td>Discussion #3</td>
<td>Panel</td>
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<tr>
<td>2:40PM</td>
<td>Concluding Remarks</td>
<td>Edward Felix, MD</td>
</tr>
</tbody>
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**LEARNING THEMES:**
- HR: Hernias
- R: Robotics
- NS: New technologies/Skill acquisition

**GUIDELINES:**
- A Consensus Document on Robotic Surgery
- Guidelines for Diagnostic Laparoscopy
- Integrating Advanced Laparoscopy into Surgical Residency Training — A SAGES Position Paper

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**NATIONAL PRIORITIES**

1:30 PM - 3:00 PM  
**SS12 Flexible / Therapeutic Endoscopy and NOTES®**

Moderator: Paresh C. Shah, MD; Co-Moderator: James Elsmere, MD

S072 RESULTS OF ENDOSCOPIC VACUUM-ASSISTED CLOSURE DEVICE FOR TREATMENT OF UPPER GI LEAKS  
Marc Bludau, PD, Dr. med., Hf Fuchs, MD, S Brinkmann, CJ Bruns, Ah Hölscher, JM Leers, W Schröder, Sh Chon; University Hospital Cologne, Markus Hospital Frankfurt

S073 OUTCOME OF ENDOSCOPIC DILATATION IN ACID-INDUCED CORROSIVE ESOPHAGEAL STRICTURES  
Chadin Tharavej, Patpong Navicharern, Supapat Pungpapong, Krit Kittisin, Suhep Udomsaweeangsump; Chulalongkorn University

V043 ENDOSCOPIC RESECTION OF GIANT FIBROVASCULAR ESOPHAGEAL POLYPS  
Marc A Ward, MD, Kristin W Beard, MD, Ezra N Teitelbaum, Ahmed M Sharata, Christy M Dunst, Lee L Swanstrom, MD, Kevin M Reavis; The Oregon Clinic

S074 PERORAL ENDOSCOPIC MYOTOMY (POEM) VS. LAPAROSCOPIC HELLMERMYOTOMY (LHM), DOES GASTRIC EXTENSION LENGTH MATTER?  
Mauricio Ramirez, MD, Cecilia Zubieta, MD, Franco Ciotola, MD, Adolfo Badaloni, MD, Fabio Nachman, MD, Alejandro Nieponice, MD; Hospital Universitario Fundación Favaloro

S075 USING NOTES TO TREAT COMPLEX CONTAINED ESOPHAGEAL PERFORATIONS  
Eitan Podgaetz, MD, MPH, Rafael S Andrade, Illitch Diaz, Rafael Garza-Castillon; University of Minnesota

V044 ENDOSCOPIC TECHNIQUES FOR GASTROSTOMY REVISION  
Justin A Doble, MD, Salvatore Docimo, DO, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center, Stony Brook Medicine

S076 ENDOSCOPIC MANAGEMENT OF POST LAPAROSCOPIC SLEEVE GASTRECTOMY STENOSIS  
Valerie Deslauriers, MD, Amélie Beauchamp, Fabio Garofalo, MD, Henri Atlas, MD, Pierre Garneau, MD, Ronald Denis, MD, Radu Pescarus, MD; Hôpital Sacré-Coeur

V045 COMBINED PER ORAL ENDOSCOPIC MYOTOMY AND SEPTOTOMY FOR TYPE 2 ACHALASIA WITH MID-ESOPHAGEAL DIVERTICULUM  
P Riva, MD, L Swanson, MD, D Mutter, MD, Marescaux, MD, S Perretta, MD; Institute of Image Guided Surgery, Strasbourg, France, IRCAD-Department of Digestive and Endocrine Surgery, Strasbourg, France

S077 PER ORAL ENDOSCOPIC PYLOROMYOTOMY (POPM) FOR REFRACTORY GASTROPARESIS: INITIAL RESULTS FROM A SINGLE INSTITUTION  
Ivy N Haskins, MD, Andrew T Strong, MD, Ryan L Plescia, PAC, Michael S Cline, DO, Jeffrey L Ponsky, MD, FACs, Matthew D Kroh, MD, FACs, John H Rodriguez, MD, FACs; Section of Surgical Endoscopy, Department of General Surgery, Cleveland Clinic Foundation, Department of Gastroenterology and Hepatology, Cleveland Clinic Foundation
Thursday, March 23, 2017

SS13 Exhibit Hall
Video Presentations Session 3

Moderator: Ross F Goldberg, MD; Co-Moderator: Fredrick J. Brody, MD

V046 LAPAROSCOPIC REPAIR OF RECURRENT PARAESOPHAGEAL HERNIA, NEAR-TOTAL GASTRECTOMY WITH ROUX-EN-Y RECONSTRUCTION
S. Julie-Ann Lloyd, MD, PhD, Gautam Sharma, MD, Jacob A Petsky, MD, John H Rodriguez, MD, Jeffrey L Ponsky, MD, Matthew D Kroh, MD; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic

V047 LAPAROSCOPIC HARVEST OF OMENTUM FLAP AND TRANSIDIAPHRAGMATIC PLACEMENT FOR CHRONIC POST LUNG RESECTION SPACE INFECTION: WITH A LITTLE HELP FROM MY FRIENDS
Ashwin A Kurian, MD, Sanjay Tripathi, MD

V048 TREATMENT OF GERD AFTER SLEEVE GASTRECTOMY WITH HIATAL HERNIA REPAIR AND CONVERSION TO ROUX-EN-Y GASTRIC BYPASS
Alexandra Leon Guerrero, MD, Marina Kurian, MD, FACS; New York University School of Medicine

V049 LAPAROSCOPIC PANCREATODUODENECTOMY USING ARTERY FIRST APPROACH
Palanisamy Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Parhasarathi, S Rajapandian, C Palanivelu; GEM Hospital & Research Centre

V050 TOTALLY EXTRAPERITONEAL RESECTION OF A SOLITARY FIBROUS TUMOR
Danny Sherwinter, MD; Maimonides Medical Center

V051 GASTRIC HERNIATION AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY: REPAIR AND CONVERSION TO ROUX-EN-Y GASTRIC BYPASS
Veronica Gorodner, MD, Agustin Matucci, MD, Alejandro Grigaites, MD; Programa de Unidades Bariatricas

V052 LAPAROSCOPIC PANCREATICODUODENECTOMY WITH MAJOR VENOUS RESECTION
Yunqiang Cai, MD; Department of pancreatic surgery, West China Hospital, China

V053 GIANT TYPE IV PARAESOPHAGEAL HERNIA REPAIR: LAPAROSCOPIC APPROACH
Ran B Luo, MD, Shanglei Liu, MD, Domingo Montalvo, MD, Toshiaki Suzuki, MD, Jonathan C DeLong, MD, Jessica L Reynolds, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; University of California, San Diego

V054 LAPAROSCOPIC RESECTION OF GASTRO-GASTRIC FISTULA, ANASTOMOTIC REVISION AND REMNANT GASTROSTOMY AFTER ROUX-EN-Y GASTRIC BYPASS
S. Julie-Ann Lloyd, MD, PhD, Katherine Meister, MD, Philip Schauer, MD; Bariatric and Metabolic Institute, Cleveland Clinic

V055 LARGER HIATAL HERNIA REPAIR WITH MAGNETIC SPHINCTER AUGMENTATION
Francis P Buckley III, MD, Stephanie L Doggett, PAC; Baylor Scott & White Health

V056 ROBOTIC MEDIAN ARCULATE LIGAMENT RELEASE WITH INTRAOPERATIVE ICG ANGIOGRAPHY
Matthew Surrusco, MD, Kaushik Mukherjee, MD, Sheela Patel, MD, Marcos Michelotti, MD, Carlos Garberoglio, MD; Loma Linda University Medical Center

V057 LAPARO-ENDOSCOPIC SINGLE SITE (LESS) HIATAL HERNIA REDUCTION WITH NISSEN FUNDOPICATION
Sharona B Ross, MD, FACS, Darrell J Downs, BS, Ty A Bowman, BS, Alexander S Rosemurgy, MD, FACS; Florida Hospital Tampa

Refreshment Break/ Happy 1/2 Hour in Exhibit Hall
SAGES University Masters Series:
Laparoscopy in Acute Care Surgery
Chair: Michael Cripps, MD | Co-Chair: Carla Pugh, MD, PhD

SESSION DESCRIPTION
Acute Care Surgery has emerged as a surgical specialty that provides time sensitive care across a broad scope of surgical disease. It is recognized that surgical care provided in an emergency setting compared to an elective setting can bring with it the potential added layers of complexity of metabolic derangements and anatomic distortions from acute inflammatory reactions. Although these operations have been traditionally approached in an open fashion, the use of laparoscopy in skilled hands can often be used in the acute care setting. This course is intended for general surgeons, acute care surgeons, and anyone looking to improve their understanding of the utilization of laparoscopic techniques in emergency surgery on a mastery level.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Distinguish the laparoscopic approaches and methods used for complex perforated peptic ulcer disease
• Illustrate the effectiveness of laparoscopy in the treatment of complicated pancreatitis
• Develop a strategy for the surgical management of Mirizzi’s Syndrome
• Identify areas of improvement in the emergency treatment of ventral hernias

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>Introduction</td>
<td>Michael Cripps, MD</td>
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<td></td>
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<td>Carla Pugh, MD, PhD</td>
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<tr>
<td>3:33PM</td>
<td>Complicated Perforated Peptic Ulcer</td>
<td>Andre Campbell, MD</td>
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<tr>
<td>3:53PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>4:00PM</td>
<td>Complicated Pancreatitis</td>
<td>R. Matthew Walsh, MD</td>
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<tr>
<td>4:20PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>4:30PM</td>
<td>Mirizzi's Syndrome (Choledococholedochal Fistula)</td>
<td>Mark Watson, MD</td>
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<td>4:50PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>5:00PM</td>
<td>Ventral Hernia Emergencies</td>
<td>B. Todd Heniford, MD</td>
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<tr>
<td>5:20PM</td>
<td>Q&amp;A / Discussion</td>
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LEARNING THEMES:
- HR - Hernias
- FOR - Foregut
- SO - Solid Organ
- AC - Acute Care
- HPB - HPB/Biliary

GUIDELINES:
- Guidelines for Diagnostic Laparoscopy
- Guidelines for Laparoscopic Ventral Hernia Repair
- Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery
- Guidelines for Laparoscopic Appendectomy

NATIONAL PRIORITIES
SAGES acknowledges an educational grant in support of this course from Stryker Endoscopy.
SS14: SAGES Got Talent - Resident & Fellow Scientific Session
Chair: Philip Pucher, MD, PhD | Co-Chair: Kyle Kleppe, MD

SESSION DESCRIPTION
In this session, residents and fellows representing the next generation of SAGES members will present their best research to a panel of expert faculty. A selection of the top submitted abstracts will ensure top quality research with a broad range of current topics. After each presentation, expert panelists will rank each resident/fellow presenter with regards to:
1. Study contents
2. Significance in clinical surgery
3. Originality
4. Study designs/methodology
5. Interpretation and analysis of study findings/results
6. Appropriate use of statistical tests
7. Overall presentation skills, including slides, clarity of presentation, and audience engagement

Awards will be given to two (2) top presenters at the conclusion of the session.

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

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<tr>
<td>3:30pm</td>
<td>Introduction</td>
<td>Philip Pucher, MD, PhD</td>
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<tr>
<td>3:35pm</td>
<td>Resident/ Fellow Abstracts Presentations (10 Presenters – 7-8 minute presentations with 2 minute Q&amp;A)</td>
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<tr>
<td>5:15pm</td>
<td>Awards &amp; Adjournment</td>
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Expert Panelists:
- Daniel Deziel, MD; Gerald Fried, MD; Leena Khaitan, MD; W. Scott McVlin, MD; David Urbach, MD
- Sarah P Shubeck, MD, Ruth Cassidy, MS, Daniel Bacal, MD, Amir Ghafari, MD, MS, Jonathan Finks, MD; University of Michigan, Beaumont Hospital
- Daniel A Hashimoto, MD, MS, Denise W Gee, MD, FACS, Roy Phitayakorn, MD, MHPE, FACS, Elan R Witkowski, MD, Emil Petrusa, PhD, Ramakrishna P Parchuri, Ozanan R Meireles, MD, FACS, Department of Perioperative Clinical Engineering, Massachusetts General Hospital, Department of Surgery, Massachusetts General Hospital
- Kais A Rona, MD, Alex Yu, BS, Caitlin Houghton, MD, FACS, Nikolai Bildzukewicz, MD, FACS, John C Lshipam, MD, FACS; Keck School of Medicine of USC, Keck Hospital of USC
- Ina Soh, MD, Andrew Luhrs, MD, Sivamanithan Vithiananthan, MD, FACS, FICS, David Cloutier, MD, FACS; Brown University
- Maria Altieri, Jie Yang, MD, Donglei Yin, MD, Patrick Jasinsky, MD, Kristen Cagino, MD, Aurora Pryor, MD, Stony Brook Medical Center
- Matthew G Mullen, MD, Hunter Mehaffey, MD, Alex D Michaelis, MD, Shoshana Levi, MD, Traci L Hedrick, MD, Charles M Friel, MD; University of Virginia Health System
- Justin T Brady, MD, Bona Ko, MPH, BA, Samuel F Hohmann, PhD, Benjamin P Crawshaw, MD, Jennifer A Leinicke, MD, MPH, Scott R Steele, MD, Knut M Augestad, MD, PhD, Conor P Delaney, MD, PhD, MCh; University Hospitals Cleveland Medical Center, Vizient, Akershus University Hospital, Cleveland Clinic
- Peter Lundberg, MD, Alexander Thomas, BS, Christopher DuCoin, MD, Tulane University

Thursday, March 23, 2017
3:30 PM - 5:30 PM *Included in Registration SuperPass (Option A) or Registration Option B
Thursday, March 23, 2017

S087 INCREASE IN SIZE OF DIAPHRAGMATIC HIATUS IN PATIENTS WITH GERD AFTER LUNG TRANSPLANTATION. Mark A Boccola.

Douglas Fenton-Lee; St Vincent’s Hospital Sydney

S088 PSYCHOSOCIAL FACTORS ARE ASSOCIATED WITH QUALITY OF LIFE AFTER LAPAROSCOPIC ANTIREFLUX SURGERY Andrea M Stroud, MD, MS; Alexa K Statz, BS, Xing Wang, PhD, Sally A Jolles, MA, Jacob A Greenberg, MD, EdM, Anne O Lidor, MD, MPH, Amber L Shada, MD, Daren C Jackson, PhD, Luke M Funk, MD, MPH; Department of Surgery, Virginia Commonwealth University, Virginia Commonwealth University

S089 ESTABLISHING PROFICIENCY BENCHMARKS ON A VR SIMULATOR TO PREPARE RESIDENTS FOR THE FES EXAMINATION Daniel A Hashimoto, MD, MS; Brenna W Casey, MD; Emil Petrusa, PhD; Christina Valle; Denise W Gee, MD; ‘Department of Surgery, Massachusetts General Hospital; ‘Division of Gastroenterology, Massachusetts General Hospital

GUIDELINES:
• Guidelines for Laparoscopic Ventral Hernia Repair

3:30 PM - 5:30 PM *Included in Registration SuperPass (Option A) or Registration Option B

Symposium: International Hernia Collaboration Symposium
Chair: Igor Belyansky, MD | Co-Chair: Conrad Ballecer, MD

SESSION DESCRIPTION
Social Media Platforms are now widely used venues for surgeons to stay up-to-date on current literature and to discuss diagnostic dilemmas. These closed groups have also become places to receive immediate peer-review feedback regarding new surgical techniques and patient management. This session will focus on common topics discussed in a private Facebook hernia group and is intended for surgeons with interest in disorders of the abdominal wall.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify which method of inguinal hernia repair is most appropriate for each patient
• Integrate retromuscular repair into their practice
• Evaluate the need for robotic assisted surgery in their practice

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>State of the Union on MIS Hernia Repair</td>
<td>Edward Felix, MD</td>
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<tr>
<td>3:40PM</td>
<td>Open Lichtenstein – How and when I do it</td>
<td>David Chen, MD</td>
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<tr>
<td>3:50PM</td>
<td>eTEP – Why I do it and how</td>
<td>Jorge Daes, MD</td>
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<tr>
<td>4:00PM</td>
<td>rTAPP – Why I do it and how</td>
<td>Allegra Saving, MD</td>
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<tr>
<td>4:10PM</td>
<td>From Rives Stoppa to TAR, the Evolution of Retromuscular Repair</td>
<td>Yuri Novitsky, MD</td>
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<tr>
<td>4:20PM</td>
<td>Robotic Retromuscular Repair, How I do it</td>
<td>Conrad Ballecer, MD</td>
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<tr>
<td>4:30PM</td>
<td>No Robot, No Problem! From Laparoscopy to eTEP access Retromuscular Repair</td>
<td>Igor Belyansky, MD</td>
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Robotic Debate:

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>4:40PM</td>
<td>“Train Stops Here”</td>
<td>Jon Gould, MD</td>
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<tr>
<td>4:50PM</td>
<td>“That Ship Has Sailed”</td>
<td>Eugene Dickens, MD</td>
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<td>5:00PM</td>
<td>Robotic hernia repair outside the US? The European Experience</td>
<td>Filip Muysoms, MD</td>
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<tr>
<td>5:10PM</td>
<td>If it doesn’t fit, botox it</td>
<td>Talar Tejirian, MD</td>
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<tr>
<td>5:20PM</td>
<td>Pannel Discussion</td>
<td>Panel</td>
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LEARNING THEMES:
HR  Hernias
R   Robotics
NS  New technologies/Skill acquisition

GUIDELINES:
• A Consensus Document on Robotic Surgery
• Guidelines for Laparoscopic Ventral Hernia Repair

NATIONAL PRIORITIES

@SAGES_Updates  www.facebook.com/SAGESSurgery
Thursday, March 23, 2017

Video Face-Off Panel: Common Bile Duct Exploration - More than one way to Skin a Cat

Chair: Jeffrey Hazey, MD | Co-Chair: Jeffrey Ponsky, MD

SESSION DESCRIPTION

Common bile duct stones (CBDS) can occur in 3-15% of patients with choledocholithiasis. Every general surgeon will encounter CBDS in his/her career. Management of CBDS is variable as many general surgeons have limited experience with common bile duct exploration (both laparoscopic and open). Additionally, management of CBDS by gastroenterologists and interventional radiologists is variable and dependent on practice locale and expertise. This video session is to provide insight and offer techniques for the management of CBDS by the general surgeon.

SESSION OBJECTIVES

At the conclusion of this session, participants will be able to:
- Describe the steps and techniques for open and laparoscopic common bile duct exploration
- Distinguish and articulate the multidisciplinary therapeutic options for common bile duct stones/access

ACTIVITY OUTLINE

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<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:30pm</td>
<td>Introduction to CBDE techniques</td>
<td>Jeffrey Hazey, MD</td>
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<tr>
<td>3:35pm</td>
<td>Traditional Open CBDE</td>
<td>Peter Muscarella, II, MD</td>
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<tr>
<td>3:50pm</td>
<td>Laparoscopic CBDE - Transcystic</td>
<td>Joseph Petelin, MD</td>
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<tr>
<td>4:10pm</td>
<td>Laparoscopic CBDE - Transcholedochal</td>
<td>Jose Martinez, MD</td>
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<td>4:30pm</td>
<td>PTHC with Transhepatic Choledochoscopy</td>
<td>Jeffrey Hazey, MD</td>
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<td>4:50pm</td>
<td>Transgastric ERCP post RYGB</td>
<td>Robert Fanelli, MD, MHA</td>
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<tr>
<td>5:10pm</td>
<td>EUS assisted rendezvous ERCP</td>
<td>Maurice Arregui, MD</td>
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LEARNING THEMES:
- HPB  HPB/Biliary
- FE   Flexible Endoscopy

GUIDELINES:
- Guidelines for Diagnosis, Treatment, and Use of Laparoscopy for Surgical Problems during Pregnancy
- Guidelines for Granting of Ultrasonography Privileges for Surgeons
- Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Role of Endoscopy in the Bariatric Surgery Patient

NATIONAL PRIORITIES

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SAGES 2017 Surgical Spring Week
The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Gastrectomy for Malignancy

Chair: Lorenzo Ferri, MD, PhD | Co-Chair: Magnus Nilsson, MD

SESSION DESCRIPTION
Resection remains the cornerstone of any curative treatment plan for gastric cancer, and more frequently a laparoscopic approach is being adopted as the preferred method. As there are numerous operative variables for every step of the procedure, this session will highlight technical tips from leading gastric cancer surgeons with differing perspectives from across the Globe.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the technical steps required for a safe and effective laparoscopic gastrectomy for cancer
• Critically evaluate their own surgical approach to the minimally invasive gastrectomy
• Integrate newly learned technical tips into clinical practice

ACTIVITY OUTLINE

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<th>Invited Faculty</th>
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<tr>
<td>4:00PM</td>
<td>Introduction and Welcome</td>
<td>Lorenzo Ferri, MD, PhD</td>
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<td>Magnus Nilsson, MD</td>
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<td>4:05PM</td>
<td>Access and Port Placement</td>
<td>Lorenzo Ferri, MD, PhD</td>
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<tr>
<td>4:15PM</td>
<td>Dissection and Lymphadenectomy</td>
<td>Miguel Cuesta, MD, PhD</td>
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<td>Hiroya Takeuchi, MD, MD</td>
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<tr>
<td>4:45PM</td>
<td>Reconstruction - Distal/Subtotal Gastrectomy and Total Gastrectomy</td>
<td>Suzanne Gisbertz, MD, PhD</td>
</tr>
<tr>
<td>5:15PM</td>
<td>Q&amp;A / Final Discussion</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
For Foregut

GUIDELINES:
• Guidelines for Diagnostic Laparoscopy
Thursday, March 23, 2017

6:00 PM - 8:00 PM

Industry Educational Events

Industry presentations on a variety of topics will take place on Thursday evening immediately following SAGES sessions. Registration is FREE for all SAGES attendees.

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

Emerging Technologies in Hernia Repair Symposium

Presented by Bard Davol

- Advantages to Robotic Ventral Hernia Repair - Thomas Swope, MD
- Phasix Biodegradable Mesh in Complex AWR: New Clinical and Economic Evidence - J. Scott Roth, MD, FACS

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

Endoscopic Management of Surgical Complication and Bleeding Symposium

Presented by Boston Scientific

Presenter: Eric Pauli, MD

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

Performance Worth Repeating

Presented by Intuitive Surgical

- Performance Worth Repeating in Inguinal Hernia Repair: Clark Gerhart, MD
- From Simple to Complex: dV Across the Ventral Complexity Spectrum: Yuri Novitsky, MD
- Data-Driven Decision Making: Why dV Colectomy with Intracorporeal Anastomosis: Reza Gamagami, MD

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

Stretta Landmark Meta-Analysis 2017: Study Findings and Multi-disciplinary Consensus

Presented by Mederi Therapeutics

Learn about relevant findings of a newly published Meta-analysis, and more new data bringing together GIs and surgeons in positive consensus on the effectiveness and safety of Stretta Therapy.

Presenters:

- Nirav Thosani, MD, Gastroenterologist, Assistant Professor and Director of Advanced Therapeutic Endoscopy, Ertan Digestive Disease Center, Memorial Hermann, Houston TX
- Samer Mattar, MD, Professor of Surgery and Chief of Bariatric Services, Oregon Health Sciences University, Portland OR

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

More than Meets the Eye: Stryker’s 1588 AIM Platform - A Panel Discussion

Presented by Stryker Endoscopy

Panelists:

Santiago Horgan, MD – UC San Diego Health
Brian Smith, MD – UC Irvine Health
Steven D. Schweitzberg, MD – University of Buffalo

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

Is Less Better for patients: Why should you transition to a Percutaneous Approach? Making the Shift to Percutaneous Laparoscopy

Presented by Teleflex

Symposia attendees will learn about the emergence of percutaneous surgery and the practicality of transitioning to percutaneous laparoscopy.

Moderator: Dana Portenier, MD, Duke University

Faculty:

Chan Park, MD, FACS, Duke University
Philip Leggett, MD, Univ. of Texas at Houston Northwest Medical Center
Kelli Friedman, PhD, Duke University School of Medicine

This is a non-CME activity presented and supported by Teleflex.
The Foundation for Surgical Fellowships gratefully acknowledges the following organizations whose generous support makes it possible for us to carry out our mission.

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Medtronic

**GOLD SUPPORTER - $250,000+**

Ethicon US, LLC

**SILVER SUPPORTERS - $75,000 +**

Intuitive Surgical
Karl Storz Endoscopy

**BRONZE SUPPORTERS – <$74,999**

Applied Medical
ConMed

**SOCIETY SUPPORTERS**

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

Recognition is for annual gifts contributed through December 31, 2016 or pledged for the 2016/2017 fellowship year.

The FSF depends on gifts from the surgical community to realize our mission. Individual gifts are tax-deductible and can be made via our secure donation site: [www.surgicalfellowships.org/becomedonor.php](http://www.surgicalfellowships.org/becomedonor.php). For Corporate, Society and Foundation gifts, please contact Colleen Elkins, Director of Development, at (310) 424-3332 ext. 114.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00AM - 5:00PM</td>
<td>Video Loop Lounge</td>
<td>Room 351C</td>
</tr>
<tr>
<td>7:30AM - 8:30AM</td>
<td>Medical Student Townhall</td>
<td>Room 332B</td>
</tr>
<tr>
<td>7:30AM - 8:30AM</td>
<td>SS15: Plenary 1</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>8:30AM - 9:15AM</td>
<td>Keynote: Presidential Address - Daniel J. Scott, MD</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>9:15AM - 10:00AM</td>
<td>Keynote: Gerald Marks Lecture - H. Jaap Bonjer, MD</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>10:00AM - 4:00PM</td>
<td>Exhibits/Posters/Learning Center open</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>10:00AM - 12:00PM</td>
<td>Your Session: Management of Complications of Bariatric Surgery</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>10:00AM - 10:30AM</td>
<td>Refreshment Break/ Morning Mimosas</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>10:15AM - 12:00PM</td>
<td>SS16: Exhibit Hall Video Presentations 1 (non-CME)</td>
<td>Exh Hall A3 Theatre</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>SS17: Endoscopy Video Session</td>
<td>Room 322</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>SS18: Foregut 2</td>
<td>Room 342</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>Panel: Finishing Residency; I’m Done! Now What? - Transitioning to Practice</td>
<td>Room 340</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Hartman’s Reversal and Laparoscopic Lavage</td>
<td>Room 310</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Treatment of Recurrent Achalasia</td>
<td>Room 320</td>
</tr>
<tr>
<td>10:30AM - 12:00PM</td>
<td>Your Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair</td>
<td>Ballroom A/B</td>
</tr>
<tr>
<td>12:00PM - 2:00PM</td>
<td>SS19: Exhibit Hall Video Presentations 2 (non-CME)</td>
<td>Exh Hall A3 Theatre</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>FC Luncheon “Ensuring Competency Through Fellowship Training: Frameworks for Success”</td>
<td>Room 332B</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Exhibit Hall A3</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>Let’s Do Lunch - Gastric, Pancreas, Gallbladder-ERCP &amp; Rectal Tables (non-CME)</td>
<td>Room 332A</td>
</tr>
<tr>
<td>1:30PM - 5:30PM</td>
<td>Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers</td>
<td>Room 322</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>AHPBA joint Panel: Contemporary Themes in Minimally Invasive Pancreatic Surgery</td>
<td>Room 320</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Panel: Endoscopic and Laparoscopic Enteral Access - How to Do It and How to Treat Complications</td>
<td>Room 342</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Panel: Global Surgery - I want to do it! Where do I start? What do I need?</td>
<td>Room 340</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Video Face-Off Panel: Lap Right Colon</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>1:30PM - 3:30PM</td>
<td>SS20: Bariatric Video Session</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>2:00PM - 4:00PM</td>
<td>SS22: Exhibit Hall Video Presentations 3 (non-CME)</td>
<td>Exh Hall A3 Theatre</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>ASCRS joint Panel: Laparoscopy for IBD</td>
<td>Room 320</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>EAES joint Panel: Cutting Edge Minimally Invasive Surgeon in Europe</td>
<td>Room 340</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Re-Do Anti-Reflux Surgery</td>
<td>Ballroom B</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>Video Face-Off Panel: Distal Pancreatectomy</td>
<td>Room 342</td>
</tr>
<tr>
<td>3:00PM - 4:30PM</td>
<td>Your Session: Challenges in the Diagnosis and Management of GERD and Achalasia</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>3:30PM - 4:30PM</td>
<td>SS23: Hernia Video Session</td>
<td>Room 310</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>Panel: Robotic Surgery - New Platforms and Strategies to Overcome the Learning Curve</td>
<td>Ballroom B</td>
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<tr>
<td>4:30PM - 5:30PM</td>
<td>SSAT joint Panel: Incidental GI Findings during Surgery</td>
<td>Room 320</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS24: Hernias - Inguinal and Robotics</td>
<td>Room 342</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS25: Biliary Video Session</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS26: Education Technology, Teaching and Learning</td>
<td>Room 340</td>
</tr>
<tr>
<td>4:30PM - 5:30PM</td>
<td>SS27: MIS - Cool Stuff</td>
<td>Room 310</td>
</tr>
<tr>
<td>5:30PM - 6:00PM</td>
<td>Candidate Networking Townhall</td>
<td>Hilton Americas - 4th Floor Lobby</td>
</tr>
<tr>
<td>6:00PM - 7:00PM</td>
<td>Meet the Leadership Reception for Residents/Fellows &amp; New Members</td>
<td>Hilton Americas - 4th Floor Lobby</td>
</tr>
<tr>
<td>7:30PM - 11:30PM</td>
<td>SAGES Gala &amp; International Sing-Off</td>
<td>Space Center Houston</td>
</tr>
</tbody>
</table>
Friday, March 24, 2017

Medical Student Townhall

SAGES does not offer CME for this session

Hosted by the Membership Committee, all medical students are welcome to attend this one-hour session that provides a forum to learn how SAGES can support a career in Adv GI/MIS and Flexible Endoscopy.

7:30 AM - 8:30 AM

SS15 Plenary 1

Moderator: Daniel Bougere Jones, MD | Co-Moderator: Ho-Seong Han MD, PhD

S090 LAPAROSCOPIC LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA LOCATED IN SEGMENT 7 OR 8
Jai Young Cho, Hanisah Guro, Ho-Seong Han, Yoo-Seok Yoon, YoungRok Choi, Jae Seong Jang, Seong Uk Kwon, Sungho Kim, Jang Kyu Choi, Mohan Periyasamy;
Department of Surgery, Seoul National University Bundang Hospital, Republic of Korea

V058 MANAGEMENT OF RYGB STAPLE LINE LEAK WITH ENDOLUMINAL VACUUM (E-VAC) THERAPY
Marissa Mencio, MD, Steven G Leeds, MD; Baylor University Medical Center at Dallas

S091 TRANSANAL TOTAL MESORECTAL EXCISION: PATHOLOGICAL RESULTS OF 187 PATIENTS WITH RECTAL CANCER
Jacqueline van Laarhoven, MD, PhD1, Borja DeLacy, MD2, Romina Pena, MD2, María Arroyave1, María Fernández-Hevia, MD2, Raul Almenara, MD, PhD2, Antonio Lacy, MD, Professor1; 1Jeroen Bosch Ziekenhuis, 2Hospital Clinic Barcelona

S092 CLINICAL OUTCOMES FIVE YEARS AFTER POEM FOR TREATMENT OF ESOPHAGEAL MOTILITY DISORDERS
Ezra N Teitelbaum, MD, Christy M Dunst, MD, Kevin M Reavis, MD, Ahmed M Sharata, MD, Marc A Ward, MD, Steven R DeMeester, MD, Lee L Swanstrom, MD; The Oregon Clinic

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

8:30 AM - 9:15 AM

Presidential Address “SAGES is a State of Mind”

Speaker: Daniel J. Scott, MD

Dr. Daniel Scott attended Southern Methodist University in Dallas and studied Biomedical Engineering on a full tuition scholarship. He completed medical school at Louisiana State University School of Medicine, and graduated as a member of the Alpha Omega Alpha Honor Society. He pursued residency training in General Surgery and completed a 2-year fellowship in Advanced Laparoscopic Surgery at the University of Texas Southwestern Medical Center. Following completion of his training in 2002, he served as faculty at Tulane University School of Medicine for 3 years and established the school’s first center focusing on laparoscopic surgery, which included a state-of-the-art Simulation and Training Laboratory, a Laparoscopic Fellowship Program, a multi-disciplinary Bariatric Surgery Program, and a Robotic Surgery Program. Due to hurricane Katrina, Dr. Scott and his family relocated to Dallas in 2005. Dr. Scott was warmly embraced by his colleagues at UT Southwestern and is currently Professor of Surgery, Vice Chairman of Education, Assistant Dean of Simulation & Student Integration for Graduate Medical Education, Director of UT Southwestern Simulation Center, Director of the Minimally Invasive/ Bariatric Surgery Fellowship Program, and holds the Frank H. Kidd, Jr. MD Distinguished Professorship in Surgery. Dr. Scott also serves as the Executive Director of the Southwestern Center for Minimally Invasive Surgery, which is accredited by the American College of Surgeons (ACS) as a Level I Education Institute and by the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) as a Fundamentals of Laparoscopic Surgery (FLS), Fundamentals of Endoscopic Surgery (FES), and Fundamental Use of Surgical Energy (FUSE) Test Center. Dr. Scott oversees numerous educational activities within the Department of Surgery and has special interests in technical skills training, performance assessment and competency.

Dr. Scott is nationally and internationally recognized as an expert in the clinical areas of minimally invasive general surgery, including bariatric, foregut, and hernia surgery. Dr. Scott’s research interests focus on emerging surgical techniques and technologies, as well as simulation-based surgical education and novel methods for achieving mastery. He has authored 179 publications, including books, monographs, chapters, manuscripts, and videos, all focusing on various areas of minimally invasive and gastrointestinal surgery, including novel surgical devices and approaches, Bariatrics, GERD, Achalasia, Hernia, Robotics, and Surgical Education. Dr. Scott has received grants from the Agency for Healthcare Research and Quality (AHRQ) and other organizations for simulation-based training and device development research.
Friday, March 24, 2017

9:15 AM - 10:00 AM *Included in Registration SuperPass (Option A) or Registration Option C

Gerald Marks Lecture “Competency Based Surgical Training: the Solution?”

Speaker: H. Jaap Bonjer, MD, PhD

In this keynote, aimed for surgeons and surgical residents, Dr. Bonjer will discuss the elements, implementation and outcomes of competency based surgical training programs.

Since 2009, Dr. Bonjer assumed the position of Chairman and Professor of the Department of Surgery at the Free University Medical Centre in Amsterdam. His clinical and research activities focus on endocrine surgery and minimally invasive surgery.

SESSION OBJECTIVES

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

• Articulate the essential elements of competency based learning
• Develop a stepwise process to build a competency based program
• Recognize the patient, professional and societal needs to adjust current surgical training programs

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

Diamond: Stryker Endoscopy
Platinum: Intuitive, Karl Storz, Medtronic, Olympus

10:00 AM - 4:00 PM *Included in Registration SuperPass (Option A) or Registration Option C

Exhibits / Posters / Learning Center / Video Sessions in Exhibit Hall

10:00 AM - 12:00 PM *Included in Registration SuperPass (Option A) or Registration Option C

Your Session: Management of Complications of Bariatric Surgery

Chair: Raul Rosenthal, MD | Co-Chair: Ninh Nguyen, MD

SESSION DESCRIPTION

As the obesity pandemic continues to spread, patients are seeking surgical treatment for this lethal disease. With mortality rates of 0.3%, bariatric surgical options such as gastric bypass and sleeve gastrectomy are considered to be extremely safe. Despite this, patients, and given the large volume of these procedures performed around the world, present to our emergency rooms with complications that will need prompt diagnosis and management. This session, composed of topics selected by SAGES members, will provide attendees with an overview of best practices in the management of the most common bariatric surgical complications.

SESSION OBJECTIVES

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

• Identify the most common complications after bariatric procedures
• Implement standard algorithms to diagnose complications of bariatric surgery early
• Apply best practices when managing these complications

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00AM</td>
<td>Complications after Sleeve Gastrectomy. Leaks and Stenosis</td>
<td>Ninh Nguyen, MD</td>
</tr>
<tr>
<td>10:20AM</td>
<td>Small bowel complications after Gastric Bypass Surgery</td>
<td>John Morton, MD</td>
</tr>
<tr>
<td>10:40AM</td>
<td>Management of recurrent Marginal Ulceration after GBP. Gastro-gastric Fistulae</td>
<td>Aurora Pryor, MD</td>
</tr>
<tr>
<td>11:00AM</td>
<td>Management of Biliary Tract Disease after Gastric Bypass. Choledochoheithiasis and Biliary Diskinesia</td>
<td>Daniel Jones, MD</td>
</tr>
<tr>
<td>11:20AM</td>
<td>GERD and Barrett’s before and after GBP and SG</td>
<td>Natan Zundel, MD</td>
</tr>
<tr>
<td>11:40AM</td>
<td>Discussion/ Q&amp;A</td>
<td>Panel</td>
</tr>
</tbody>
</table>

LEARNING THEMES:

• Bariatrics

GUIDELINES:

• Guidelines for Clinical Application of Laparoscopic Bariatric Surgery
• Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques
• Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
• Guidelines for the Management of Hiatal Hernia

NATIONAL PRIORITIES

10:00 AM - 10:30 AM *Included in Registration SuperPass (Option A) or Registration Option C

Refreshment Break/Morning Mimosas in the Exhibit Hall
Friday, March 24, 2017

SS16 Exhibit Hall
Video Presentations Session 1

*Included in Registration SuperPass (Option A) or Registration Option C
(Non-CME Activity)

Moderator: Davide Lomanto, MD, PhD | Co-Moderator: Rebecca P. Petersen, MD, M.Sc.

V059 VIDEO PRESENTATION: LAPAROSCOPIC SPLENIC CYSTECTOMY
Chaya Shwaartz, MD, David J Berler, MD, Celia M Divino, MD, FACS, Scott Q Nguyen, MD, FACS, Linda P Zhang, MD, FACS, Edward H Chin; Icahn School of Medicine at Mount Sinai

V060 LAPAROSCOPIC STRICTUROPLASTY FOR TIGHT HEPATICOJEJUNOSTOMY STRicture FOLLOWING LAPAROSCOPIC PYLORUS PRESERVING PANCREATICODUODENECTOMY IN SOLID PSEUDOPAPILLARY NEOPLASM
P Sethnithanan, R Parthasarathi, S Rajapandian, P Praveen Raj, Anand Vijai, V P Nanankilli, G Srivatsan, Sandeep Sabnis, C Palanivelu; GEM Hospital & Research Centre

V061 VIDEO PRESENTATION: LAPAROSCOPIC RESECTION OF A LARGE RETROPERITONEAL TERATOMA
Joseph Kim, MD; Spiros Hiotis, MD, PhD, Scott Q Nguyen, MD; Mount Sinai

V062 ROBOTIC REVISION OF BILLROTH II TO ROUX-EN-Y GASTROJEJUNOSTOMY AND HIATAL HERNIA REPAIR
Jonathan S Abelson, MD, Cheguevera Afaneh, MD, Maureen Moore, MD, Iskander Bagautdinov, Rasa Zarnegar, MD; New York Presbyterian Hospital-Weill Cornell Medicine

V063 TARGETED PERORAL ENDOSCOPIC MYOTOMY (POEM) TO TREAT SMALL MID-ESOPHAGEAL DIVERTICULUM
Toshitaka Hoppo, MD, PhD, Yoshihiro Komatsu, Blair A Jobe; Esophageal & Lung Institute, Allegheny Health Network

V064 LAPAROSCOPIC REDUCTION OF HERNIATED GASTRIC SLEEVE
Rajmohan Rammohan, MD, Nisha Dhanabalsamy, MD, Mandip Joshi, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Zsomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

V065 LAPAROSCOPIC REVISION OF A RECALCITRANT GJ STRicture AFTER GASTRIC BYPASS
Rana C Pullatt MD MS MRCS FACS FASMBS, MD, Colston Edgerton, Benjamin White; Medical University of South Carolina

V066 LAPAROSCOPIC MORGAGNI HERNIA REPAIR IN THE SETTING OF SEVERE PULMONARY HYPERTENSION
Andrew Tang, MD, Arielle Perez, MD, Michael J Rosen, MD; Cleveland Clinic Foundation

V067 LAPAROSCOPIC APPROACH TO A MASSIVE BLEEDING MARGINAL ULCER IN A POST ROUX-EN-Y GASTRIC BYPASS.
Allison Pang, MD, PhD, John Hagen, MD, FRCSC; University of Toronto

V165 LEFT PARADUODENAL HERNIA
Chaya Shwaartz, MD, Alexandra Argiroff, MD, Mark Reiner, MD, FACS, Tony Vine, MD, FACS, Brian Jacob, MD, FACS, L. Brian Katz, MD, FACS; Mount Sinai

Panel: Finishing Residency; I’m Done! Now What? - Transitioning to Practice
Chair: David Urbach, MD | Co-Chair: David Renton, MD

SESSION DESCRIPTION
This session will discuss the essentials of starting surgical practice after completing surgical training, including finding and negotiating jobs in surgery, financial and clinical aspects of running a surgical practice, balancing a surgical career with personal life, and strategies for academic success. This session is intended for surgical trainees at all levels, including medical students, residents and fellows, and early-career faculty (within about 5 years of starting independent practice).

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Prepare for a surgical job interview and use effective negotiation strategies, including a review of practice structures and contract do’s and don’ts
• Implement strategies within their practice to improve patient care, and to make their practice financially sustainable, including a review of quality metrics for surgeons
• Manage their finances to plan for life events and retirement
• Present their scholarly work in surgery in medical journals and scientific meetings

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30AM</td>
<td>Introduction</td>
<td>David Renton, MD</td>
</tr>
<tr>
<td>10:40AM</td>
<td>Finding your job and negotiating your contract</td>
<td>Charles Paget, MD</td>
</tr>
<tr>
<td>10:55AM</td>
<td>Running your practices and getting paid for what you do</td>
<td>Dana Telem, MD</td>
</tr>
<tr>
<td>11:10AM</td>
<td>Financial planning and work-life balance</td>
<td>Marc Mesleh, MD</td>
</tr>
<tr>
<td>11:25AM</td>
<td>Scholarly presentation in surgery</td>
<td>Rajesh Aggarwal, MD</td>
</tr>
<tr>
<td>11:40AM</td>
<td>Panel discussion/Q&amp;A</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
PE Professional/Economic
AE Academic/Educational

GUIDELINES:
• Curriculum Outline for Resident Education
• Educational Mission Statement
• Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques

NATIONAL PRIORITIES

@SAGES_Updates www.facebook.com/SAGESSurgery
The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Hartman’s Reversal and Laparoscopic Lavage

Chair: Peter Marcello, MD | Co-Chair: Steven Wexner, MD | Co-Moderator: Todd Francone, MD

SESSION DESCRIPTION
Colonic diverticulitis is a challenging disease which can present with a full spectrum of inflammatory states from minor inflammation to feculent peritonitis. There are a multitude of surgical procedures which are utilized to manage this condition. This session focuses on the technical aspects of these procedures.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Determine maneuvers to successfully complete laparoscopic resection complicated by obesity and complex disease
• Illustrate precise technical details of laparoscopic Hartmann reversal and lavage for complex diverticulitis
• Demonstrate technical options to allow for successful colorectal anastomosis

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
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<tbody>
<tr>
<td>10:30AM</td>
<td>Introduction</td>
<td>Peter Marcello, MD</td>
</tr>
<tr>
<td>10:35AM</td>
<td>Lap Hartmann Reversal: Access and Assessment: My way</td>
<td>John Migaly, MD</td>
</tr>
<tr>
<td>10:50AM</td>
<td>The colon won’t reach: What now?</td>
<td>Dana Hayden, MD</td>
</tr>
<tr>
<td>11:05AM</td>
<td>Lap Hartmann reversal: Anastomotic tips</td>
<td>David Maron, MD</td>
</tr>
<tr>
<td>11:20AM</td>
<td>Morbid obesity and complex diverticulitis: The double whammy! Tricks to succeed</td>
<td>Todd Francone, MD</td>
</tr>
<tr>
<td>11:40AM</td>
<td>Case presentations &amp; panel discussion</td>
<td>Panel Faculty</td>
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LEARNING THEMES:
- Colorectal

GUIDELINES:
- ASCRS/SAGES Guidelines for Laparoscopic Colectomy Course
- Position Statement on Advanced Laparoscopic Training

NATIONAL PRIORITIES
The Devil is in the Details Session: Technical Tips from the Masters - Treatment of Recurrent Achalasia

Chair: C. Daniel Smith, MD | Co-Chair: Steven Bowers, MD

SESSION DESCRIPTION
This session is designed for the Foregut surgeon who has developed advanced laparoscopic skills and is already performing laparoscopic Heller myotomy and seeks practical tips in decision making and operative performance in revisional operations for recurrent dysphagia after esophago-gastric myotomy for achalasia. Operative strategies will include the use of endoscopic therapies including pneumatic balloon dilation and POEM, revisional Heller motomy, and resection techniques for sigmoid or mega-esophagus.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Formulate a strategy for caring for the patient with recurrent dysphagia after myotomy for achalasia
• Develop skills and a plan for carrying out revisional operations in the patient after Heller myotomy
• Recognize those patient factors associated with problems at operation

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:30AM</td>
<td>Endoscopic Management of the Failed Heller patient (Pneumatic Dilation and POEM)</td>
<td>Kyle Perry, MD</td>
</tr>
<tr>
<td>10:45AM</td>
<td>Revisional Heller Myotomy</td>
<td>Brant Oelschlager, MD</td>
</tr>
<tr>
<td>11:00AM</td>
<td>Redo Heller Myotomy for Megaesophagus</td>
<td>Steven Bowers, MD</td>
</tr>
<tr>
<td>11:15AM</td>
<td>Minimally Invasive Esophagectomy for endstage Achalasia</td>
<td>James Dolan, MD</td>
</tr>
<tr>
<td>11:30AM</td>
<td>Alternative Esophageal Drainage procedures</td>
<td>Adolfo Badaloni, MD</td>
</tr>
<tr>
<td>11:45AM</td>
<td>Q&amp;A</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
• For: Foregut
• FE: Flexible Endoscopy

GUIDELINES:
• Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)
• Guidelines for the Surgical Treatment of Esophageal Achalasia
• Guidelines for the Management of Hiatal Hernia

Friday, March 24, 2017

10:30 AM - 12:00 PM  *Included in Registration SuperPass (Option A) or Registration Option C
Friday, March 24, 2017

Your Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair

Chair: Gina Adrales, MD, MPH | Co-Chair: Guy Voeller, MD

SESSION DESCRIPTION
Hernia repair is an increasingly common operation, with over 350,000 ventral hernia repairs being performed annually in the United States alone. New techniques and approaches to this complex problem have emerged yet questions remain for the general surgeon in applying these techniques in daily practice. This session includes the most popular topics in hernia surgery selected by SAGES members.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe laparotomy closure techniques to prevent incisional hernias
• Employ new strategies to prevent and effectively treat parastomal hernias
• Demonstrate mapping technique in the evaluation of chronic pain after inguinal hernia repair

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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<tbody>
<tr>
<td>10:30AM</td>
<td>Introduction</td>
<td>Gina Adrales, MD, MPH</td>
</tr>
<tr>
<td>10:35AM</td>
<td>Is Parastomal hernia repair a palliative operation? Therapeutic and prophylactic</td>
<td>Adrian Park, MD</td>
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<td></td>
<td>approaches to the parastomal hernia</td>
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<tr>
<td>10:50AM</td>
<td>Q&amp;A</td>
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<tr>
<td>10:55AM</td>
<td>Transversus abdominis release: Who, to whom, and when should this technique be</td>
<td>Yuri Novitsky, MD</td>
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<td></td>
<td>applied?</td>
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<tr>
<td>11:00AM</td>
<td>Q&amp;A</td>
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</tr>
<tr>
<td>11:10AM</td>
<td>Robotic hernia repair: Is it worth it to my patients and to me to adopt robotic</td>
<td>Ajita Prabhu, MD</td>
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<td></td>
<td>repair?</td>
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<tr>
<td>11:30AM</td>
<td>Q&amp;A</td>
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<tr>
<td>11:35AM</td>
<td>Mapping for inguinal chronic pain: An approach that all surgeons can do</td>
<td>David Chen, MD</td>
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<td>11:50AM</td>
<td>Q&amp;A</td>
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<tr>
<td>11:55AM</td>
<td>Wrap-up</td>
<td>Guy Voeller, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- Hernias
- Robotics
- New technologies/Skill acquisition

GUIDELINES:
- A Consensus Document on Robotic Surgery
- Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
- Guidelines for Laparoscopic Ventral Hernia Repair

NATIONAL PRIORITIES
SS17 Endoscopy Video Session

**Moderator:** Daniel von Renteln, MD | **Co-Moderator:** Bipan Chand, MD

**V068** THE TREATMENT DILEMMA OF THE SMALL ZENKER’S: AN ENDOSCOPIC SOLUTION **R L Alt, MD, A M Sharata, MD, K M Reavis, MD**

**V069** ENDOSCOPIC PYLOROMYOTOMY FOR GASTRIC OUTLET OBSTRUCTION SECONDARY TO VAGAL NERVE INJURY **Christopher DuCoin, MD, MPH**

**V070** ENDOSCOPIC SUBMUCOSAL RESECTION OF A GASTRIC GASTROINTESTINAL STROMAL TUMOR **Eleanor Fung, MD**

**V071** ENDOSCOPIC SUBMUCOSAL DISSECTION FOR DIFFICULT SIGMOID LESION: AN ENDOSCOPIC TRACTION TECHNIQUE **Samantha R Witte, MD**

**V072** ENDOSCOPIC REMOVAL OF EXTRA-LUMINAL ERODED RESTRICTIVE SILASTIC CATHETER WITH SUBSEQUENT FISTULA CLOSURE **Hazey, MD**

**V073** ENDOSCOPIC ANASTOMOSIS RESIZING AFTER RYGB: CAN/SHOULD WE DO IT AGAIN? **Christopher DuCoin, MD, MPH**

**V074** A FLEXIBLE ENDOSCOPIC REVISION FOR ANASTOMOTIC STENOSIS COMPLICATING ESOPHAGOSTOMY (VIDEO) **Ahmed Sharata, MD**

**V075** DOUBLE BALLOON UNDERWATER ESD **Hisashi Hara, MD**

**V076** ENDOSCOPIC TECHNIQUES IN THE MANAGEMENT OF ESOPHAGO-JEJUNAL DEHISCENCE AFTER TOTAL GASTRECTOMY **Samantha R Witte, MD**

**V077** ONE YEAR FOLLOW-UP AFTER LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR WITH FALCIFORM BUTTRESS **Robert A Grossman, MD**

**V078** HOW WE DO IT: THE NISSEN-HILL HYBRID FOR LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR **Jeffrey R Watkins, MD**

**V079** PATTERNs OF REOPERATION AFTER FAILED FUNDOPLICATION: AN ANALYSIS OF 9,462 PATIENTs **Keshav Reddy, MD**

**S080** SAME DAY DISCHARGE FOR BENIGN LAPAROSCOPIC HIATAL SURGERY: A FEASIBILITY ANALYSIS **Juan Carlos Molina, MD**

**S081** COMPARISON OF LONG TERM QUALITY OF LIFE AND PATIENT SATISFACTION BETWEEN NISSEN AND TOUPET FUNDOPLICATION **Amber L Shada, MD**
Friday, March 24, 2017

**Fellowship Council Luncheon “Ensuring Competency Through Fellowship Training: Frameworks for Success”**

Chair: Raul Rosenthal, MD

**SESSION DESCRIPTION**

Surgical training is currently undergoing significant changes and current techniques and management strategies are becoming obsolete. This session will cover topics related to fellowship training models that range from using milestones, simulation and mental training. Faculty will also address what the main entry points for fellows are in order to achieve mastery when starting an independent surgical practice. Program directors, residents and fellows will benefit greatly by attending this session.

**SESSION OBJECTIVES**

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

- Describe a milestone-based training model or fellowship training
- Employ new strategies such as simulation and mental training to achieve mastery in a shorter period of time
- Define entry points when transitioning to practice

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>12:00PM</td>
<td>Milestone based training model</td>
<td>Corrigan McBride, MD</td>
</tr>
<tr>
<td>12:15PM</td>
<td>Mental training to expedite acquisition of surgical skills</td>
<td>Raul Rosenthal, MD</td>
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<tr>
<td>12:30PM</td>
<td>Use of simulation in current training models</td>
<td>H. Jaap Bonjer, MD, PhD</td>
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<tr>
<td>12:45PM</td>
<td>Competency based skills. Defining entry points</td>
<td>Rebecca Minter, MD</td>
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<tr>
<td>1:00PM</td>
<td>Panel Discussion / Q&amp;A</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

**LEARNING THEMES:**

- Academic/Educational (AE)
- New technologies/Skill acquisition (NS)

**GUIDELINES:**

- Curriculum Outline for Resident Education
- Educational Mission Statement

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**NATIONAL PRIORITIES**

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

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

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

**SS19 Exhibit Hall Video Presentations Session 2**

Moderator: Jon C. Gould, MD | Co-Moderator: Jacques M. Himpens, MD, PhD

*Non-CME Activity* *Included in Registration SuperPass (Option A) or Registration Option C

**V079 MANAGING A POSITIVE AIR-LEAK TEST DURING A GASTROJEJUNOSTOMY REVISION** Matthew J Davis, MD, Dvir Froylich, MD, Gautam Sharma, Tammy S Fouse, DO, Philip R Schauer, MD, Stacy A Brethauer, MD; Bariatric and Metabolic Institute, Cleveland Clinic Foundation

**V080 PERICARDIAL SMALL BOWEL TAMPONADE** Robert A Grossman, MD, Daniela Treitl, MD, Michael Hurtado, MD, Irvin Willis, MD; Mount Sinai Medical Center

**V081 A NOVEL TECHNIQUE FOR LAPAROSCOPIC RIGHT HEMICOLECTOMY WITH CME: THE CAUDAL-TO-CRANIAL APPROACH** Hongming Li, MD; Liaonian Zou; Department of GI, Guangdong Province Hospital of Traditional Chinese Medicine

**V082 POST SPLENECTOMY DIAPHRAGMATIC HERNIA** Laura E Grimmer, MD, Michael L Brunt, MD; Washington University

**V083 ENDOSCOPIC RESECTION OF A SUBMUCOSAL LEIOMYOMA WITH TUNELIZATION TECHNIQUE** Mario Masrur, MD, Luis F Gonzalez-Ciccarelli, MD, Pablo Quadri, MD, M. Di Cicco, MD, A. Rosales, MD, L. Miranda, MD, J. Isaguirre, MD; ‘University of Illinois at Chicago, 1Hospital Italiano de Mendoza

**V084 ROBOTIC PARAESOPHAGEAL HERNIA REPAIR AND EXCISION OF ESOPHAGEAL DUPLICATION CYST** Jared M Mcallister, MD, Arghavan Salles, MD, PhD, Michael M Awad, MD, PhD; Washington University in St. Louis School of Medicine

**V085 LAPAROSCOPIC RESECTION OF GASTRIC DUPLICATION CYST** Stephanie G Wood, Pawan Chansaenroj, MD, Jonathan Carter, MD, Stanley Rogers; UCSF Medical Center

**V086 LAPAROSCOPIC CYTOREDUCTIVE SURGERY AND HYPERTHERMIC INTRAPERITONEAL CHEMOTHERAPY (CRS/HIPEC): DESCRIPTION OF A NOVEL TECHNIQUE** Jennifer K Keller, Laurence P Diggs, Jiashou J Xu, Jula Veerapong; St Louis University

**V087 ROBOTIC-ASSISTED LAPAROSCOPIC RELEASE OF MEDIAN ARCUATE LIGAMENT** Wen Hui Tan, MD, Angus Toland, BS, Michael M Awad, MD, PhD; Washington University in St. Louis School of Medicine
Friday, March 24, 2017

V088 SINGLE INCISION LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION WITH CENTRAL VASCULAR LIGATION FOR ADVANCED TRANSVERSE COLON CANCER USING PINCER MOVEMENT METHOD
Goutaro Katsuno, MD, PhD, Masaki Fukunaga, MD, PhD; Department of Surgery, Juntendo Urayasu Hospital, Juntendo University

V089 LAPEROSCOPIC RADICAL SUBTOTAL PANCREATECTOMY WITH RESECTION OF THE GASTRODUODENAL ARTERY FOR PANCREATIC ADENOCARCINOMA OF THE NECK OF THE PANCREAS
Yoo-Seek Yoon, MD, PhD, Ho-Seong Han, MD, PhD, Jae Young Cho, MD, PhD, Young-Rok Choi, Jangkyu Choi, Seong Uk Kwon, Jae Sung Jang, Sungho Kim; Seoul National University Bundang Hospital

V090 THORACOSCOPIC REPAIR OF DIAPHRAGMATIC EVENTRATION: STAPLED ALONE VERSUS COMBINED STAPLER WITH PLICATION
Ajay H Bhandarwar, MS, Priyank D Kothari, Saurabh S Gandhi, MS, Chintan B Patel, MS, Amol N Wagh, MS, Eham L Arora, MS; Grant government medical college & Sr J.J. group of Hospitals, Mumbai, India

12:15 PM - 1:30 PM
Separate Registration Required / Included in Registration SuperPass (Option A) or Registration Option C

Let’s Do Lunch - Gastric, Pancreas, Gallbladder/ERCP & Rectal Tables
Chair: John Stauffer, MD
SAGES does not offer CME for this activity

Four tables to choose from, each limited to 10 attendees. Casual lunch discussions with your colleagues as if you would be in the surgeon’s lounge discussing cases.

Facilitators: Tammy Kindel, MD & E. Fernando Elli, MD (Gastric), John Stauffer, MD (Pancreas), Marc Mesleh, MD (Gallbladder/ERCP), Dorin Colibaseanu, MD (Rectal)

1:30 PM - 5:30 PM
Included in Registration SuperPass (Option A) or Registration Option C

SAGES University Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers
Chair: Justin Dimick, MD, MPH | Co-Chairs: Neal Seymour, MD and Aimee Gardner, PhD

Session Description
Speakers will draw on the science of intraoperative teaching and the emerging literature on surgical coaching to improve the knowledge and skills of participants in these content areas. The workshop will focus on both real-time instruction in the operating room and post-operative video review.

Session Objectives
At the conclusion of this session, participants will be able to:
• To understand the principles of how trainees acquire and retain skills
• To become aware of the importance of learning outcomes in setting a framework for teaching
• To learn different ways in which coaching conversations can be derailed

Activity Outline

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction</td>
<td>Justin Dimick, MD, MPH</td>
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<td>Neal Seymour, MD</td>
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<tr>
<td>1:40PM</td>
<td>The Briefing - Intra-operative teaching - Debriefing Model</td>
<td>Aimee Gardner, PhD</td>
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<tr>
<td>2:00PM</td>
<td>Theoretical Considerations in Teaching Trainees</td>
<td>Brian Dunkin, MD</td>
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<tr>
<td>2:20PM</td>
<td>Delivering Feedback &amp; Debriefing</td>
<td>John Paige, MD</td>
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<tr>
<td>2:40PM</td>
<td>Interactive Exercise on Intra-operative Teaching</td>
<td>Aimee Gardner, PhD, Jonathan Dort, MD</td>
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<tr>
<td>3:10PM</td>
<td>What Makes Coaching Different than Teaching</td>
<td>Justin Dimick, MD, MPH</td>
</tr>
<tr>
<td>3:30PM</td>
<td>Why do We Need Coaching?</td>
<td>Dimitrios Stefanidis, MD, PhD</td>
</tr>
<tr>
<td>3:50PM</td>
<td>Evidence that Coaching Matters</td>
<td>Rajesh Aggarwal, MD, MBBS, MA</td>
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<tr>
<td>4:10PM</td>
<td>Common Coaching Derailers</td>
<td>Oliver Varban, MD</td>
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<tr>
<td>4:30PM</td>
<td>Interactive Video-Based Coaching Session</td>
<td>Janet Dombrowski, BSN, MHSA</td>
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<td>Justin Dimick, MD, MPH</td>
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<tr>
<td>5:00PM</td>
<td>Closing thoughts and Wrap up</td>
<td>Neal Seymour, MD</td>
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<td>Justin Dimick, MD, MPH</td>
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</table>

Learning Themes:
PE    Professional/Economic
AE    Academic/Educational
NS    New technologies/Skill acquisition

Guidelines:
• Curriculum Outline for Resident Education
• Educational Mission Statement

National Priorities
SAGES acknowledges an educational grant in support of this course from Applied Medical
## AHPBA Joint Panel: Contemporary Themes in Minimally Invasive Pancreatic Surgery

**Chair:** Charles Vollmer, MD  |  **Co-Chair:** Karen Horvath, MD

### SESSION DESCRIPTION

Given the rapid pace of technological advances, pancreatic surgery is a field in constant evolution. This session will focus on contemporary approaches to pancreatic surgery as well as how the next generation is trained to practice in this domain. The session spans themes in the care of pancreatitis, cancer, techniques and training and is relevant for all levels of surgeons from medical students to attending surgeons in practice.

### SESSION OBJECTIVES

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

- Recognize state-of-the-art themes in minimally invasive pancreatic surgery
- Discriminate various approaches for the management of complicated pancreatic necrosis
- Assess the efficacy of Irreversible Electroporation for the treatment of pancreatic cancer
- Distinguish various routes for advanced training in Pancreatic Surgery

### ACTIVITY OUTLINE

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction</td>
<td>Charles Vollmer, MD</td>
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<tr>
<td>1:35PM</td>
<td>Overview of the 1st State-of-the-Art Conference on Minimally Invasive Pancreatic Resection</td>
<td>Charles Vollmer, MD</td>
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<tr>
<td>1:50PM</td>
<td>Dealing with Pancreatic Necrosis in 2017: What end is up?</td>
<td>Karen Horvath, MD</td>
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<tr>
<td>2:05PM</td>
<td>Irreversible Electroporation for Pancreatic Cancer: Trick or Treat?</td>
<td>Michael Kluger, MD, MPH</td>
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<tr>
<td>2:20PM</td>
<td>How Are We Teaching Pancreatic Surgery Today?</td>
<td>Rohan Jeyerajah, MD</td>
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<tr>
<td>2:35PM</td>
<td>Panel Discussion / Q&amp;A</td>
<td>Panel Faculty</td>
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### LEARNING THEMES:

- **SO**  Solid Organ
- **AC**  Acute Care
- **HPB** HPB/Biliary
- **AE**  Academic/Educational
- **NS**  New technologies/Skill acquisition

### GUIDELINES:

- A Consensus Document on Robotic Surgery
- Curriculum Outline for Resident Education
- Framework for Post-Residency Surgical Education & Training
- Integrating Advanced Laparoscopy into Surgical Residency Training — A SAGES Position Paper
- Position Statement on Advanced Laparoscopic Training
- Guidelines for the Use of Laparoscopic Ultrasound

### NATIONAL PRIORITIES
Friday, March 24, 2017

Panel: Endoscopic and Laparoscopic Enteral Access - How to Do It and How to Treat Complications

Chair: Jeffrey Marks, MD | Co-Chair: John Mellinger, MD

SESSION DESCRIPTION
Enteral access is one of the most common endoscopic and laparoscopic procedures performed by general surgeons. Safe performance of enteral access requires an understanding of the appropriate indications, procedural steps, and management of complications. This session, through video-based presentations, will provide a comprehensive overview for surgeons and surgical endoscopists of all skill levels.

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

• Compare endoscopic and laparoscopic techniques for obtaining enteral access
• Identify management options for early complications of enteral access
• Formulate a strategy for treating delayed complications of enteral access

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>PEG - The inspiration/perspiration behind the creation of PEG</td>
<td>Jeffrey Ponsky, MD</td>
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<tr>
<td>1:40PM</td>
<td>PEG - How I do it</td>
<td>John Mellinger, MD</td>
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<tr>
<td>1:50PM</td>
<td>PEJ - How I do it</td>
<td>Eric Pauli, MD</td>
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<tr>
<td>2:00PM</td>
<td>PEG-JET - How I do it</td>
<td>Jeffrey Marks, MD</td>
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<tr>
<td>2:10PM</td>
<td>Lap assisted gastrostomy - How I do it</td>
<td>Byron F. Santos, MD</td>
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<td>2:20PM</td>
<td>PEG early complications - How to treat them</td>
<td>John Cosgrove, MD</td>
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<tr>
<td>2:35PM</td>
<td>PEG late complications - How to treat them</td>
<td>Bipan Chand, MD</td>
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<tr>
<td>2:50PM</td>
<td>Discussion</td>
<td>All faculty</td>
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LEARNING THEMES:
FE  Flexible Endoscopy

GUIDELINES:
• Granting of Privileges for Gastrointestinal Endoscopy
• Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)

NATIONAL PRIORITIES
Friday, March 24, 2017

Panel: Global Surgery - I Want to Do it!
Where Do I Start? What Do I Need?
Chair: Adrian Park, MD | Co-Chair: Ray Price, MD

SESSION DESCRIPTION
SAGES surgeons are increasingly aware of unmet surgical needs in low and middle income countries (LMIC) around the world. The scope of Global Surgery and opportunities it may provide to serve and enhance their professional development is less well understood. This session will illuminate the growing field of Global Surgery and provide attendees with ideas and avenues to get engaged in some of these very worthy endeavors.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the concept of Essential Surgery as defined by the WHA
• Discriminate between elective, urgent and disaster response surgical opportunities in LMICs and the skill sets required of the surgeons who are best suited to serve in these various settings
• Evaluate the best opportunities and “fit” to contribute and engage in global surgery

ACTIVITY OUTLINE

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<th>Time</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction and Some Context</td>
<td>Adrian Park, MD</td>
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<td>Ray Price, MD</td>
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<tr>
<td>1:40PM</td>
<td>How can I best contribute... through an NGO, academic or faith based program?</td>
<td>Paul Severson, MD</td>
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<tr>
<td>1:55PM</td>
<td>The surgical crisis/Disaster Response Team... Is that where I fit?</td>
<td>Sherry Wren, MD</td>
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<tr>
<td>2:10PM</td>
<td>Your all important checklist</td>
<td>Ramon Berguer, MD</td>
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<tr>
<td>2:25PM</td>
<td>SAGES Global Affairs- what we do &amp; where you can fit in</td>
<td>Jeffrey Hazey, MD</td>
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<tr>
<td>2:40PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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LEARNING THEMES:

• PE Professional/Economic

GUIDELINES:
Video Face-Off Panel: Lap Right Colon
Chair: Patricia Sylla, MD | Co-Chair: Dorin Colibaseanu, MD

SESSION DESCRIPTION
This session will contrast different approaches and techniques to perform right colectomy in a minimally invasive fashion, ranging from multiport and single-port laparoscopy to robotics with intra- or extracorporeal anastomosis. This is a video forum, during which variations in surgical technique will be emphasized, including ileocolonectomy for Crohn’s disease and complete mesocolic excision for right colon cancer. Through video-based presentations, attendees will learn optimal strategies for selecting extraction sites, completing anastomoses intracorporeally, and overcoming visceral obesity and challenges of the reoperative abdomen. Management of intraoperative complications will emphasize tips and tricks on how to avoid conversion, when possible. This course is designed for any practicing surgeon who incorporates colon surgery into his or her practice.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Implement the recommended key technical steps to complete laparoscopic right colectomy for benign and malignant disease
• Understand standard oncologic principles guiding the performance of MIS right colectomy for malignancy
• Appraise the relative advantages and disadvantages associated with various MIS strategies to perform right colectomy, as well as the anticipated level of technical difficulty and learning curve

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<tbody>
<tr>
<td>1:30PM</td>
<td>Welcome and Introduction</td>
<td>Patricia Sylla, MD</td>
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<td></td>
<td>Lap Dissection: Medial to Lateral vs. Lateral to Medial</td>
<td>Dorin Colibaseanu, MD</td>
</tr>
</tbody>
</table>
| 1:31PM| Crohn’s Disease- Lateral to Medial                       | Alessio Pigazzi, MD
| 1:37PM| Crohn’s Disease- Medial to Lateral                       | Barry Salky, MD
| 1:43PM| Right Colon Cancer- Lateral to Medial                    | Marylise Boutros, MD
| 1:49PM| Right Colon Cancer- Medial to Lateral                    | Morris Franklin, Jr., MD
| 1:55PM| Single Incision Dissection                               | Giovanni Dapri, MD, PhD
| 2:01PM| Complete Mesocolic Dissection                            | Gyu-Seog Choi, MD
| 2:07PM| Reoperative/ Complex Dissection                          | Barry Salky, MD
| 2:13PM| Reoperative/ Complex Dissection                          | Alessio Pigazzi, MD PhD
| 2:19PM| Lap Bowel Transection and Anastomosis: Intracorporeal vs. Extracorporeal |
| 2:25PM| Extracorporeal Technique- Non obese                     | Marylise Boutros, MD
| 2:31PM| Extracorporeal Technique- Obese                          | Alessio Pigazzi, MD
| 2:37PM| ICA Technique- Non obese                                 | Barry Salky, MD
| 2:44PM| ICA Technique- Obese                                     | Morris Franklin, Jr., MD
| 2:50PM| ICA- Robotic Technique                                   | Gyu-Seog Choi, MD
| 2:56PM| ICA- Single Incision Technique                           | Giovanni Dapri, MD, PhD
|       | Wrap-Up                                                  | Patricia Sylla, MD                  |
|       |                                                          | Dorin Colibaseanu, MD              |

LEARNING THEMES:
- C | Colorectal
- R | Robotics
- NS | New technologies/Skill acquisition

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

NATIONAL PRIORITIES
**Friday, March 24, 2017**

1:30 PM - 3:00 PM  **SS20 Bariatric Video Session**

**Moderator:** Matthew D. Kroh, MD  |  **Co-Moderator:** Valerie J. Halpin, MD

**V091 LAPAROSCOPIC SINGLE ANATOMOSIS REVERSAL OF GASTRIC BYPASS**
Rajmohan Rammohan, MD, Nisha Dhanabalsamy, MD, Abhiman Cheeyandira, MD, Emanuele LoMenzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

**V092 ROBOTIC ASSISTED SINGLE ANATOMOSIS DUODENAL SWITCH**
Courtney Cripps, MD, James Taggart, MD, Julio Teixeira, MD, FACS; Northwell Health-Lenox Hill Hospital

**V093 VERTICAL BANDED GASTROPLASTY REVISION: LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS VERSUS ENDOSCOPIC ASSISTED STAPLED GASTROPLASTY**
Wayne S Lee, MD, Daniel Shouhed, MD, Miguel Burch, MD, FACS; Cedars Sinai Medical Center

**V094 GASTROEPULTRAL FISTULA AS A LATE COMPLICATION OF A LEAK FOLLOWING SLEEVE GASTRECTOMY**
James Taggart, MD, Rebecca Kowalski, MD, Jonathan Wong, MD, Julio Teixeira, MD; Lenox Hill Hospital

**V095 SUCCESSFUL LAPAROSCOPIC MANAGEMENT OF CHYLOUS ASCITES AFTER BARIATRIC SURGERY**
Alexandra Arjiroff, MD, Chaya Schwaartz, MD, Melissa Chang Tang, MD, Brian Jacob, MD, FACS, Mark A Reiner, MD, FACS, Tony Vine, MD, FACS, L. Brian Katz, MD, FACS; Mount Sinai Medical Center

**V096 USING ALL OF THE TOOLS IN OUR MINIMALLY INVASIVE TOOLBOX FOR REVISIONAL BARIATRIC SURGERY**
Amelia N Dorey, MD, Gautam Sharma, MD, John Rodriguez, MD, Matthew Kroh, MD, FACS; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic

**V097 TOTAL ENDOSCOPIC GASTRO-GASTRIC ANASTOMOSIS LEAKS FOLLOWING REVISIONAL BARIATRIC SURGERY**
Cheyenne C Sonntag, MD, Salvatore Docimo, DQ, Ann M Rogers, MD, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

**V098 LAPAROSCOPIC PARTIAL GASTRECTOMY AND ROUX-EN-Y RECONSTRUCTION FOR SEVERE GASTROPARESIS AFTER 10 PREVIOUS GASTRIC SURGERIES**
Bamarao Ganaa, MD, Rajmohan Rammohan, MD, Chukwuma Apakama, MD, Emanuelle Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

**V099 BITING OFF MORE THAN YOU CAN CHEW: STRICTURE FOLLOWING COMPLICATED BAND TO SLEEVE CONVERSION**
Jonathan C DeLong, MD, Shanglei Liu, MD, Domingo Montalvo, MD, Toshiaki Suzuki, MD, Ran B Luo, MD, Jessica L Reynolds, MD, Garth R Jacobsen, MD, Bryan J Sandler, MD, Santiago Horgan, MD, FACS; Cleveland Clinic Florida

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1:30 PM - 3:30 PM  **SS21 Acute Care Surgery**

**Moderator:** E. Matthew Ritter, MD

**V100 LAPAROSCOPIC PRIMARY REPAIR OF COLONIC SIGMOID COLON PERFORATION**
J. Coursey, MD, A. Gonzalez-Almada, MD, C. Lyons, MD, J-p Lefave, MD, Em Haas, MD, FACS, FASCRS; Houston Methodist Hospital

**S100 RISKY BUSINESS? INVESTIGATING OUTCOMES OF ANTICOAGULATED PATIENTS UNDERGOING LAPAROSCOPIC APPENDECTOMY**
Christopher Peary, MD, Theresa Jackson, MD, Justin Regner, MD, Dennis Kim, MD, Lara Spence, MD, Khalid Almahmoud, MD, MPH, Vaidehi Agrawal, PhD, Michael Truitt, MD; Methodist Dallas Medical Center, University of Oklahoma - Tulsa, Baylor Scott and White, UTLA

**V101 LOOP ILEOSTOMY AND COLOSTOMY LAVAGE FOR FULMINANT CLOSTRIDIUM DIFFICILE COLITIS: AN INSTRUCTIONAL VIDEO**
Abou Khalil, MD, Lawrence Lee, MD, Talat Chughtai, MD, Nancy Morin, MD, Julio Faria, MD, Carol-Ann Vasilevsky, MD, Phillip Gordon, MD, Gabriela Ghilutulescu, MD, Liane Feldman, MD, Marylise Boutros, MD; Sir Mortimer D. Jewish General Hospital

**S101 DETERMINANTS OF VARIABILITY IN MANAGEMENT OF ACUTE CALCULOUS CHOLECYSTITIS**
Philippe Paci, MD, Pepa Kaneva, MSc, Julio F. Flore Jr, PhD, Gerald M. Fried, MD, FRCS, FACS, Nancy E. Mayo, PhD, Liane S. Feldman, MD, FRCS, FACS; Division of General Surgery, McGill University Hospital, Montreal, Canada, Mcgil University Health Centre, Montreal, Canada, Montreal Diabetes Centre for Clinical Epidemiology, McGill University Health Centre, Montreal, Canada

**V102 LAPAROSCOPIC APPROACH FOR PERFORATED GASTRIC ULCER**
Manuel Aceves, MD, Raul Perez, MD, Arturo Martinez, MD; Eduardo D Aceves, MD; Obesity and Laparoscopy Avanaza Puerta de Hierro Sur, Medicina Interna Hospital San Jose Tec de Monterrey

**S102 LAPAROSCOPIC VERSUS OPEN EMERGENT VENTRAL Hernia Repair: OUTCOMES ANALYSIS USING THE ACS-NSQIP DATABASE**
David Pechman, MD, Carmen Fong, MD, Paul Thody, MD; Mount Sinai Beth Israel

**V103 LAPAROSCOPIC REDUCTION AND REPAIR OF ACUTE TRAUMATIC DIAPHRAGMATIC HERNIA**
S N Zafar, MD, MPH, Adeel A Shamim, MD, Terrance Fullum, MD, Daniel D Tran, MD, FACS; Howard University Hospital

**S103 LAPAROSCOPIC PERITONEAL LAVAGE VERSUS SIGMOIDECTOMY FOR MANAGEMENT OF PERFORATED DIVERTICULITIS: META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS**
Ahmad Mirza, MD, Danaradja Arumugam, Artisan Pannu, Shahab Hajibandeh, Shahin Hajibandeh; The Central Manchester University Hospitals, The Royal Blackburn Hospital, Blackburn, UK, The Royal Oldham Hospital, Manchester, UK

**V104 LAPAROSCOPIC REPAIR OF A STRANGULATED FEMORAL Hernia**
Sarah Sujatha-Bhashkar, MD, Andrew S Wang, MD, Mark Hanna, MD, Alessio Pigazzi, PhD, FACS, FASMBS, FACS, University of California, Irvine School of Medicine

**S105 ROUTINE VS. SELECTIVE UPPER GASTROINTESTINAL CONTRAST SERIES AFTER OMENTAL PATCH REPAIR FOR GASTRIC OR DUODENAL PERFORATION**
S L Paris, MD, A J Fontaine, BS, J E Glener, BS, S A Kubovec, MS, P Veldhuis, BS, Y Du, MS, J Pepe, PhD, W S Eubanks, MD; Institute for Surgical Advancement, Florida Hospital Orlando, FL, University of Central Florida College of Medicine, Orlando, FL

**V105 CLOSED LOOP BOWEL OBSTRUCTION: LAPAROSCOPIC RESECTION WITH FULLY STAPLED INTRA-CORPOREAL ANASTOMOSIS**
Michael E Dolberg, MD, Jeffrey P Snow, MD; Memorial Healthcare System

**S106 TREATMENT STRATEGY FOR UPPER GASTROINTESTINAL PERFORATIONS USED AT OUR DEPARTMENT**
Hirotaka Sasada, PhD, Fuminori Wakayama, Kohji Nagao, Tadashi Iwabuchi, Nobuo Yagihashi, Shunnichi Takaya, Junzo Nagayama; Tsugaru General Hospital, Tokiwakai Hospital
Friday, March 24, 2017

2:00 PM - 4:00 PM

SS22 Exhibit Hall
Video Presentations Session 3

*Included in Registration SuperPass (Option A) or Registration Option C (Non-CME Activity)

Moderator: John A. Hagen, MD | Co-Moderator: Matthew M. Hutter MD, MPH

V106 EXCISION OF GASTRO-GASTRIC FISTULA AND HIATAL HERNIA REPAIR AFTER ROUX-EN-Y GASTRIC BYPASS Melanie H Howell, MD, MS, John Paul Bellistri, MD, Diego Camacho, MD; Montefiore Medical Center

V107 LAPAROSCOPIC TOTAL PROCTOCECTOMY WITH ILEAL POUCH-ANAL ANASTOMOSIS C Palanivelu, MS, FACS, FRCSEd, DSc, S Rajapandian, MS, FRCS, FMAS, R Parthasarathi, MS, FMAS, P Senthilnathan, MS, FMAS, DNB, P Praveen Raj, MS, FMAS, Senthil Ganapathy, MS, FMAS, R Sathiyamurthy, MS; GEM Hospital & Research Centre

V108 ENDOSCOPIC ASSISTED LAPAROSCOPIC TRUNCAL VAGOTOMY AND DISTAL GASTRECTOMY WITH GASTROJEUNAL ANASTOMOSIS, Nathan LaFayette, MD, Katelyn Levene, MD, Bradley Needeleman, MD, Sabrina Noria, MD, PhD; The Ohio State University

V109 THORACOSCOPIC RESECTION OF MID-ESOPHAGEAL DIVERTICULUM Andrew J Fritze, MD, Michael Latzko, MD, Ziad Awad, MD; Section of Surgical Endoscopy, Department of General Surgery, Digestive Disease Institute, Cleveland Clinic, Cleveland, Ohio.

V110 INTRAMURAL SURGERY: POP IS A NOVEL APPROACH TO TREATING GASTROPARESIS Matthew T Allemang, MD, Jessica Ardila-Gatas, MD, James Villamere, MD, John Rodriguez, MD, Jeffrey L Ponsky, MD; Section of Surgical Endoscopy, Department of General Surgery, Digestive Disease Institute, Cleveland Clinic, Cleveland, Ohio.

V111 LAPAROSCOPIC RESECTION OF LARGE ESOPHAGEAL DIVERTICULUM WITH PARAESOPHAGEAL HERNIA REPAIR AND HELLER MYOTOMY Wen Hui Tan, MD, L. Michael Brut, MD; Washington University in St. Louis School of Medicine

V112 LAPAROSCOPIC TOTALLY ROBOTIC-ASSISTED BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH Pablo Quadri, Mario Masrur, MD, Lisa Sanchez-Johnson, PhD, Enrique F ELLI, MD; ‘University of Illinois at Chicago, ‘Mayo Clinic Florida

V113 ROBOTIC PARAESOPHAGEAL HERNIA, PARTIAL GASTRECTOMY AND GASTRIC BYPASS Federico J Serrot, MD, Nisha Dhanabalsamy, MD, Shawn Fu, MD, Iman Ghaderi, MD, Carlos A Galvani, MD; University of Arizona

V114 DA VINCI XI ROBOTIC RIGHT COLECTOMY WITH TOTAL MESOCOLIC EXCISION FOR COLON CANCER Huriye Hande Aydinli, Cigdem Benlicle, Emre Gorgun; Department of Colorectal Surgery, Cleveland Clinic

V115 LAPAROSCOPIC REPAIR OF A BOCHDALEK HERNIA WITH AN INTRATHORACIC KIDNEY IN AN ADULT Lisa D Yang, MD, Richard C Perugini, MD, FACS; University of Massachusetts

V116 LAPAROSCOPIC GASTROESOPHAGEAL JUNCTION CARCINOID TUMOR RESECTION James W Rawles III, MD, Justin Milligan, MD, Zach F Williams, MD, William W Hope, MD; New Hanover Regional Medical Center

V117 POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY Jason Bingham, MD, Vance Sohn, MD; Madigan Army Medical Center

3:00 PM - 4:30 PM

ASCRS Joint Panel – Laparoscopy for IBD
Chair: Hermann Kessler, MD, PhD | Co-Chair: Tonia Young-Fadok, MD

SESSION DESCRIPTION
Crohn’s and Ulcerative Colitis cases often present with complex issues that require careful surgical planning using endoscopy and imaging. However, not all situations can be predicted by preoperative planning. The complexity continues into the actual operation, where the surgeon should be able to deploy a range of practical thinking skills plus operative skills. This session will focus on the minimally invasive surgical management of patients with IBD.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Anticipate the complexities of operating on patients with Crohn’s disease who have fistulas or require reoperative surgery
• Plan the most appropriate strategy of access in a patient with ulcerative colitis for a 3-step procedure
• Minimize surgical risk in patients with Crohn’s disease and ulcerative colitis with friable phlegmonous mesenteries

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:00PM</td>
<td>How to manage the friable mesocolon in ulcerative colitis and Crohn’s disease?</td>
<td>Sang W. Lee, MD</td>
</tr>
<tr>
<td>3:15PM</td>
<td>What is best: laparoscopic, hand-assisted, robotic or transanal approach for completion of proctectomy in ulcerative colitis?</td>
<td>Eric Weiss, MD</td>
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<tr>
<td>3:30PM</td>
<td>Extraction-site planning in three-stage procedures for ulcerative colitis</td>
<td>Willem Bemelman, MD</td>
</tr>
<tr>
<td>3:45PM</td>
<td>Limits of laparoscopy in re-do Crohn’s surgery</td>
<td>Conor Delaney, MD</td>
</tr>
<tr>
<td>4:00PM</td>
<td>Limits of laparoscopy in fistulizing Crohn’s disease</td>
<td>Alessandro Fichera, MD</td>
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<tr>
<td>4:15PM</td>
<td>Q&amp;A / Panel Discussion</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:  
- Colorectal

GUIDELINES:
- ASCRS/SAGES Guidelines for Laparoscopic Colectomy Course

NATIONAL PRIORITIES  
SAGES acknowledges an educational grant in support of this session from Applied Medical.

@SAGES_Updates  www.facebook.com/SAGESSurgery
Friday, March 24, 2017

3:00 PM - 4:30 PM

**EAES Joint Panel:** Cutting Edge Minimally Invasive Surgeon in Europe

**Chair:** H. Jaap Bonjer, MD, PhD  |  **Co-Chair:** Silvana Perretta, MD

**SESSION DESCRIPTION**

Over the past twenty years there has been a slow but continuous migration from open surgery to less invasive, more patient friendly therapeutic options. The future of surgery is flexible, technology-enabled, enhanced by robotics and image-based, and will focus on less invasive approaches with the aim of cost-effective care. Presenting cutting edge MIS and exploring what is on the horizon, this session is designed for surgeons who are committed to providing patients with the best, least invasive treatments appropriate for their condition, and who are ready to challenge old dogmas.

**SESSION OBJECTIVES**

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

- Explore cutting edge MIS techniques to treat common gastrointestinal diseases
- Explore new strategies to manage common surgical complications using flexible endoscopy and percutaneous approaches
- Introduce precision image guided surgery for Intra-operative guidance and real time tissue imaging

**ACTIVITY OUTLINE**

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<tbody>
<tr>
<td>3:00PM</td>
<td>Towards the end of laparoscopic oncological oesophagectomy and gastrectomy?</td>
<td>Bernard Dallemagne, MD</td>
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<tr>
<td>3:15PM</td>
<td>Will transanal TME replace laparoscopic TME?</td>
<td>Ronan Cahill, MD</td>
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<tr>
<td>3:30PM</td>
<td>Intra-operative guidance for real time tissue imaging: Now I see, now I know...</td>
<td>Luigi Boni, MD</td>
</tr>
<tr>
<td>3:45PM</td>
<td>A new paradigm in the management of surgical complications: Less incisions and more thinking</td>
<td>Gianfranco Donatelli, MD</td>
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<tr>
<td>4:00PM</td>
<td>Q&amp;A / Panel Discussion</td>
<td>Panel Faculty</td>
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**LEARNING THEMES:**

- Colorectal
- Foregut
- Robotics
- Flexible Endoscopy
- New technologies/Skill acquisition

**GUIDELINES:**

- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer
- Guidelines for Training in Diagnostic and Therapeutic Endoscopic Retrograde Cholangiopancreatography (ERCP)
- Position Statement on Endolumenal Therapies for Gastrointestinal Diseases
Friday, March 24, 2017

The Devil is in the Details Session: Technical Tips from the Masters - Re-Do Anti-Reflux Surgery

Chair: David Rattner, MD | Co-Chair: Edward Philips, MD

SESSION DESCRIPTION

Re-operative antireflux surgery is an essential option tool to prevent recurrent reflux in patients with late failures of a fundoplication as well as to correct certain types of early complications from an anti-reflux procedure. This session addresses the scenarios where re-operative surgery is most likely to be beneficial and will illustrate the techniques that are most useful to conduct re-operations safely and successfully.

SESSION OBJECTIVES

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

- Identify remediable causes of fundoplication failures
- Employ safe techniques to identify altered post fundoplication anatomy and be able to restore normal anatomy as part of a reoperation
- Be able to employ multiple techniques for re-operative fundoplication that are tailored to the problem being addressed

ACTIVITY OUTLINE

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<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:00PM</td>
<td>Indications and Contraindications for re-do AntiReflux Surgery</td>
<td>Aurora Pryor, MD</td>
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<tr>
<td>3:12PM</td>
<td>Esophageal lengthening- When and how?</td>
<td>Steven Bowers, MD</td>
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<tr>
<td>3:24PM</td>
<td>Closing the Difficult Hiatus</td>
<td>Brant Oelschlager, MD</td>
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<tr>
<td>3:36PM</td>
<td>Dealing with densely scarred fundus</td>
<td>Nathaniel Soper, MD</td>
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<tr>
<td>3:48PM</td>
<td>Perforations, necrosis and sepsis</td>
<td>John Hunter, MD</td>
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<tr>
<td>4:00PM</td>
<td>Case Presentations - Audience participation</td>
<td>All Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:

- Foregut

GUIDELINES:

- Guidelines for the Management of Hiatal Hernia
- Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD)

NATIONAL PRIORITIES
Friday, March 24, 2017

Video Face-Off Panel: Distal Pancreatectomy
Chair: Paul Hansen, MD | Co-Chair: Michael Kendrick, MD

SESSION DESCRIPTION
In this session we will walk through a distal pancreatectomy, step by step, with leading experts in the field. The experts will show videos of their approach and the panel will discuss the key technical differences - pro’s and con’s.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Appreciate what experts consider to be the key steps of a distal pancreatectomy
• Compare alternative techniques for performing the key steps of a distal pancreatectomy
• Understand the advantages and disadvantages of different approaches to the key steps of a distal pancreatectomy

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>3:00PM</td>
<td>Introduction to Video Session: Distal Pancreatectomy</td>
<td>Paul D. Hansen, MD</td>
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<tr>
<td>3:05PM</td>
<td>Port placement for distal pancreatectomy</td>
<td>Melissa Hogg, MD R. Matthew Walsh, MD</td>
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<tr>
<td>3:10PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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<tr>
<td>3:15PM</td>
<td>Approaches to the lesser sac and mobilization of the colon</td>
<td>John Stauffer, MD Amer Zureikat, MD</td>
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<tr>
<td>3:20PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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<tr>
<td>3:30PM</td>
<td>Where do you transect the pancreas?</td>
<td>Michael Kendrick, MD</td>
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<tr>
<td>3:35PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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<tr>
<td>3:40PM</td>
<td>Pancreatic Transection Techniques</td>
<td>John Stauffer, MD Dave Kooby, MD</td>
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<tr>
<td>3:45PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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<tr>
<td>3:55PM</td>
<td>Laparoscopic vs. Robotic Pancreatectomy</td>
<td>Dave Kooby, MD Amer Zureikat, MD</td>
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<tr>
<td>4:00PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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<tr>
<td>4:10PM</td>
<td>Standard resection versus RAMPS</td>
<td>Melissa Hogg, MD R. Matthew Walsh, MD</td>
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<tr>
<td>4:15PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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<tr>
<td>4:25PM</td>
<td>Conclusions</td>
<td>Michael Kendrick, MD</td>
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LEARNING THEMES:
- **SO** Solid Organ
- **R** Robotics
- **HPB** HPB/Biliary
Friday, March 24, 2017

3:00 PM - 4:30 PM
*Included in Registration SuperPass (Option A) or Registration Option C

Your Session: Challenges in the Diagnosis and Management of GERD and Achalasia
Chair: Andrew Wright, MD | Co-Chair: Simon Bergman, MD

SESSION DESCRIPTION
In this innovative session, topics suggested and voted upon by SAGES members will be addressed by experts in the field with audience participation through the meeting app, social media, and live discussion. The focus will be on challenging and interesting problems in the management of reflux, achalasia, hypermotility disorders, and paraesophageal hernias.

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

- Assess and manage patients with GERD who present with complex and challenging clinical scenarios such as obesity, recurrence, or concomitant motility disorders
- Apply and integrate new treatment strategies and techniques such as POEM for achalasia or magnetic sphincter augmentation for GERD
- Recognize and manage common and uncommon complications and side effects of anti-reflux and esophageal motility surgery

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>3:00PM</td>
<td><strong>GERD</strong> Esophageal Physiology for the General Surgeon: How to interpret studies; why and how to set up your own lab</td>
<td>Edward Auyang, MD, MS</td>
</tr>
<tr>
<td>3:15PM</td>
<td><strong>The Perfect Wrap: Nissen, Toupet, or Tailored Approach?</strong></td>
<td>Enrique Elli, MD</td>
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<tr>
<td>3:30PM</td>
<td><strong>Dealing with the “Failed” Fundoplication</strong></td>
<td>Anna Ibele, MD</td>
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<tr>
<td>3:45PM</td>
<td><strong>How to manage a Giant PEH: When (and how) should I use mesh or relaxing incisions, a lengthening procedures, or gastropexy</strong></td>
<td>Robert Yates, MD</td>
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**Achalasia and Other Motility Disorders**

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<th>Time</th>
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<tbody>
<tr>
<td>4:00PM</td>
<td><strong>Diagnosis and Management of Achalasia Variants</strong></td>
<td>Edward Auyang, MD, MS</td>
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<tr>
<td>4:15PM</td>
<td><strong>What is the role of the surgeon in Hypermotility disorders (DES, Nutcracker, Hypertensive LES)</strong></td>
<td>Ellen Morrow, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- **For Foregut**
  - A Consensus Document on Robotic Surgery
  - Guidelines for the Management of Hiatal Hernia
  - SAGES TAVAC Safety and Effectiveness Analysis: LINX Reflux Management System
  - Guidelines for the Surgical Treatment of Esophageal Achalasia

NATIONAL PRIORITIES

3:30 PM - 4:30 PM

**SS23 Hernia Video Session**
Moderator: Divya I. Alaedeen, MD | Co-Moderator: Alpons Pom, MD

V118 DRAGO’S HERNIA: A CASE OF MULTIPLE RARE INGUINAL HERNIAS INCLUDING AN AMYAND HERNIA, A SUPRAVESICAL HERNIA, A URINARY BLADDER HERNIA, AND A LIPOMA OF THE CORDS ALL COEXISTING IN A SINGLE PATIENT
  - John Ray B Yang, MD, Raymund G Ong, MD
  - Far Eastern University Nicanor Reyes Medical Foundation

V119 ROBOTIC RECTUS DIASTASIS CLOSURE & UMBILICAL HERNIA REPAIR
  - Shirin Towfigh, MD, Rachel Dbeis, MD
  - Beverly Hills Hernia Center, California, USA
  - University of Exeter Medical School, Exeter, UK

V120 ROBOTIC TAPP PARASTOMAL HERNIA REPAIR
  - Victor Maciel, MD, Gabriel Arevalo, MD
  - Wilmer Mata, MD, Tim Glass, MD, FACS
  - St. Vincent Hospital

V121 SPORTS HERNIA REPAIR WITH ADDUCTOR TENOTOMY
  - Robert A Grossman, MD, Fred Brody, MD, MBA
  - George Washington University

V122 RTAR AND BILATERAL INGUINAL HERNIA REPAIR AT THE TIME OF ROBOTIC PROSTATECTOMY
  - Igor Belyansky, MD, Nan Wu, Adam Weltz, Reza Zahiri, Robert Hanley, Adrian Park, Anne Arundel Medical Center

V123 LAPAROSCOPIC REPAIR OF INCISIONAL HERNIA SECONDARY TO ILIAC BONE GRAFT HARVEST
  - Ajay K Chopra, MD, Jordan S Taylor, MD
  - Jacobi Medical Center
Panel: Robotic Surgery - New Platforms and Strategies to Overcome the Learning Curve
Chair: Omar Yusef Kudsi, MD, MBA | Co-Chair: Melissa Hogg, MD

SESSION DESCRIPTION
New robotic platforms can be associated with a significant learning curve and numerous implementation obstacles related to team building. This session will focus on simulation, augmented virtual reality, procedure specific modules, and team training as adjuncts to new robotic platforms that may help surgeons and their teams overcome the learning curve.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Appreciate the value of robotic specific procedure simulation
• Understand the value of team training to overcome the learning curve
• Describe the pros and cons of new robotic platforms

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:30PM</td>
<td>Procedure specific Robotic simulation and augmented virtual reality</td>
<td>Eduardo Parra-Davila, MD</td>
</tr>
<tr>
<td>4:40PM</td>
<td>Impact of social media on the robotic learning curve (24/7)</td>
<td>Adrian P. Martin, MD</td>
</tr>
<tr>
<td>4:50PM</td>
<td>Robotic learning curve</td>
<td>William Norwood, MD</td>
</tr>
<tr>
<td>5:00PM</td>
<td>Drill team training to enhance the robotic learning curve</td>
<td>Melissa Hogg, MD</td>
</tr>
<tr>
<td>5:10PM</td>
<td>New Robotic platform: Pros and Cons</td>
<td>Bilgi Baca, MD</td>
</tr>
<tr>
<td>5:20PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- R: Robotics
- AE: Academic/Educational
- NS: New technologies/Skill acquisition

GUIDELINES:
- A Consensus Document on Robotic Surgery
- Guidelines for the Introduction of New Technology and Techniques

NATIONAL PRIORITIES  📝 🔄
SSAT Joint Panel: Incidental GI Findings during Surgery

Chair: Kinga Powers, MD, PhD | Co-Chair: Nathaniel Soper, MD

SESSION DESCRIPTION
Incidental intraoperative findings pose unexpected challenges in clinical decision making and patient treatment. Guidance on operating beyond the scope of the initial surgical consent is difficult to find and may have significant medicolegal implications. General Surgeons need to anticipate facing potential unexpected findings unrelated or inconsistent with the primary diagnosis and have a sound strategy to manage them.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Articulate the ethical and medicolegal issues surrounding the management of unanticipated intraoperative findings
• Employ strategies to manage incidentally discovered HPB masses
• Recognize intraoperative findings that will necessitate changing tactics when managing colorectal malignancy
• Identify benign pathology that should change the planned operative procedure

ACTIVITY OUTLINE

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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</thead>
<tbody>
<tr>
<td>4:30PM</td>
<td>Ethical and medico-legal considerations of Incidental Surgical Findings</td>
<td>Steven D. Schwartzberg, MD</td>
</tr>
<tr>
<td>4:42PM</td>
<td>Unsuspected intraoperative pathology of the pancreas, gallbladder, liver or adrenal gland</td>
<td>Laleh Melstrom, MD</td>
</tr>
<tr>
<td>4:54PM</td>
<td>Facing the unexpected in colorectal malignancies</td>
<td>Christopher Schlachta, MD</td>
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<tr>
<td>5:06PM</td>
<td>Benign incidental GI operative findings, recognition and management</td>
<td>Kinga A. Powers, MD, PhD</td>
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<tr>
<td>5:18PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- Colopectal
- Foregut
- Solid Organ
- HPB
- HPB/Biliary
- Professional/Economic

NATIONAL PRIORITIES

SS24 Hernias: Inguinal and Robotics

Moderator: Timothy M Farrell, MD | Co-Moderator: James G. Bittner MD

S106 EARLY OUTCOMES OF ROBOTIC INGUINAL HERNIA REPAIR IN OBSESE PATIENTS: A MULTI-INSTITUTIONAL, RETROSPECTIVE STUDY
Ramachandra Kolachalam, MD1, Reza A Gamagami, MD, FACS1, Eugene O Dickens, MD, FACS1, Lawrence D’Amico, MD1, Christopher J Richardson, DO, FACS1, Anthony Gonzalez, MD, FACS, FASMBS1, Jorge Rabaza, MD, FACS1; 1Providence Park Hospital, 1Silver Cross Hospital, 1Utica Park Clinic, 1Trumbull Memorial Hospital, 2Rochester General Hospital, 2Baptist Health South Florida

S107 COMPARATIVE ANALYSIS OF PERIOPERATIVE OUTCOMES OF ROBOTIC VERSUS OPEN TRANSVERSUS ABDOMINIS RELEASE
Luis A Martin-del-Campo1, Adam S Weltz1, Igor Belyansky1, Yury W Novitsky1; 1University Hospitals Cleveland Medical Center, 1Anne Arundel Medical Center

S108 ROBOTIC VENTRAL HERNIA REPAIR IS NOT SUPERIOR TO LAPAROSCOPIC; A NATIONAL DATA BASE REVIEW
Priscila R Armijo, MD1, Akshay Pratap, MBBS1, Yi Wang, PhD1, Dmitry Oleynikov, MD, FACS1; 1University of Nebraska Medical Center, 1University of Nebraska College of Public Health

S109 QUALITY OF LIFE AFTER LAPAROSCOPIC TOTALLY EXTRAPERITONEAL REPAIR OF AN ASYMPTOMATIC INGUINAL HERNIA
H M Hedberg1, T Hall1, M E Gitelis1, B Lapin1, Z Butt1, J G Linn1, S Haggerty1, W Denham1, J Carbray1, M B Ujiki1; 1NorthShore University HealthSystems, 1Northwestern University

S110 LAPAROSCOPIC APPROACH FOR THE TREATMENT OF CHRONIC GROIN PAIN AFTER INGUINAL HERNIA REPAIR
Bruce Ramshaw, MD1, Vincent Vetrano1, Brandie Forman, Patient, Care, Manager1; 1University of Tennessee, Knoxville, 1University of Tennessee, Memphis

S111 A COMPREHENSIVE TRAINING PROGRAM TO FACILITATE ADOPTION OF LAPAROSCOPIC INGUINAL HERNIA REPAIR FOR PRACTICING SURGEONS
Jacob A Greenberg, MD, EdM, Sally A Jolles, MA, Sarah Sullivan, PhD, Sudha P Quamme, MD, Caprice C Greenberg, MD, MPH, Carla M Pugh, MD, PhD; University of Wisconsin

SS25 Biliary Video Session

Moderator: Sebastien G. de la Fuente, MD | Co-Moderator: Michael J. Pucci, MD

V124 PRE- DUODENAL PORTAL VEIN IN LAP CHOLECYSTECTOMY A POTENTIAL DISASTER
Kanwarjit Dhillon, Rohit Bansal, Assistant, Consultant; Max Superspeciality Hospital Mohali India

V125 PERCUTANEOUS CHOLANGIOSCOPY FOR MANAGING COMMON BILE DUCT STONES POST ROUX-EN-Y GASTRIC BYPASS
Rebecca Zener, MD, FRCPC, Eran Shlomovitz, MD, FRCP, FRSC; University Health Network
Friday, March 24, 2017

SS26 Education Technology, Teaching and Learning

4:30 PM - 5:30 PM
Moderator: Santiago Horgan, MD | Co-Moderator: John Andrew Stauffer, MD

S112 VIEWER DISCRETION ADVISED – IS YOUTUBE A FRIEND OR FOE IN SURGICAL EDUCATION? Alejandro Rodriguez-Garcia, MD, Monica T Young, MD, Hope T Jackson, MD, Brant K Oelschlager, MD, Andrew S Wright, MD; University of Washington

S113 TECHNICAL PERFORMANCE DOES NOT CORRELATE WITH COMPLETION OF THE CRITICAL VIEW OF SAFETY AS ASSESSED BY CROWD WORKER AND FACULTY EXPERT EVALUATIONS OF LAPAROSCOPIC CHOLECTECTOMY Stanley B Deal, MD, Dimitrios Stefanidis, MD, PhD, FACS, FASMBS, L. Michael Brunt, MD, Adnan A Alseidi, MD, EdM; 'Virginia Mason Medical Center, 'Indiana University, 'Washington University St. Louis

S114 SLEEVE GASTRECTOMY TELEMENTORING: A SAGES MULTI-INSTITUTIONAL QUALITY IMPROVEMENT INITIATIVE Ninh T Nguyen, Allen Okrainec, Mehran Anvari, OZ Meireles, Denise Gee, Keith Scharf, Brian Smith, Erin Moran-Akin, Diego Camacho; 'UCI, 'Toronto Western Hospital, 'McMaster University, 'Massachusetts General, 'Loma Linda University, 'Montefiore Medical Center

SS27 MIS - Cool Stuff

4:30 PM - 5:30 PM
Moderator: Errawan R. Wiradisurua, MD | Co-Moderator: John Scott Roth, MD

S117 SOLVING THE SURGEON ERGONOMIC CRISIS WITH SURGICAL EXOSUIT Shanglei Liu, MD, Daniel Hemming, Jonathan C DeLong, MD, Domingo Montalvo, MD, Toshiaki Suzuki, MD, Jessica Reynolds, MD, Ran B Luo, Smith, Garth R Jacobsen, MD, Bryan J Sandler, MD, Santiago Horgan, MD; UCSD Healthcare Systems

V130 MEDIAN ARCULATE LIGAMENT RELEASE: A SINGLE INSTITUTION SERIES OF 56 PATIENTS Robert Grossman, MD, Ben Biteman, MD, Fred Brody, MD, MBA; George Washington University

S118 NON-INVASIVE BRAIN IMAGING OF LAPAROSCOPIC MOTOR SKILLS LEARNING Arun Neman, MD, Claire Cooper, MD, Steven Schwartzberg, MD, Suvarna De, MD; 'Rensselaer Polytechnic Institute, 'University of Buffalo

S119 COMPARISON OF PERITEONEAL CLOSURE VERSUS NON-CLOSURE IN LAPAROSCOPIC TRANSABDOMINAL PRE-PERITONEAL (TAPP) INGUINAL HERNIA REPAIR WITH COATED MESH Erica D Kane, MD, MPH, Marc R Leduc, MD, Nicole F Parentela, BA, Kathryn A Schlosser, MD, Katharine R Bittner, MD, Donna Wilson, MS; 'John R Romanelli, MD; Baystate Medical Center

S120 COMPARISON OF LAPAROSCOPIC JEJUNOSTOMY TUBE TO PERCUTANEOUS ENDOSCOPIC GASTROSTOMY TUBE WITH JEJUNAL EXTENSION: LONG-TERM DURABILITY AND NUTRITIONAL OUTCOMES Ivy N Haskins, MD, Andrew T Strong, MD; 'Gautam Sharma, MD, Matthew Karafa, PhD, John H Rodriguez, MD, FACS; 'Matthew D Kroh, MD, FACS; 'Section of Surgical Endoscopy, Department of General Surgery, Cleveland Clinic Foundation, 'Department of Quantitative Health Sciences, Cleveland Clinic Foundation

S121 APPROACHES TO DIAGNOSTIC WORKUP AND MANAGEMENT OF SMALL BOWEL LESIONS AT A TERTIARY CARE CENTER Jonathan Green, MD, Ann K Friedrich, MD, Christopher R Schlieve, MD, Kevin Barrata, MD, David Ma, MD, May Min, MD, Krunal Patel, MD, David Stein, BS, David Cave, MD, PhD, Demetrius Litwin, MD, MBA, Mitchell Cahan, MD, MBA; University of Massachusetts Medical School

Candidate Networking Townhall

SAGES does not offer CME for this session

Hosted by the Membership Committee, the Candidate Networking event is a chance to meet and mingle with other Candidate members. Learn about new opportunities, meet new friends and colleagues!

Meet the Leadership Reception for Residents, Fellows & New Members

Location: Hilton Americas, 4th Floor Lobby

SAGES Gala: The Main Event & International Sing-Off

Location: Space Center Houston | Gateway to NASA Johnson Space Center

*Included in Registration SuperPass (Option A) or Option C Guest Badge only
SAGES Gala
The Main Event &
International Sing-Off

Location: Space Center Houston
Gateway to NASA Johnson Space Center
Friday, March 24, 2017 • 7:30 PM - 11:30 PM

SAGES buses will begin loading from inside Hall E ground level of the Convention Center at 6:30 PM. The final bus departure to the Space Center will be around 7:30 PM. You must present your badge (reg group A) or ticket (reg group B/C/D) at the Space Center door. The final bus returning to the Convention Center will depart the Space Center around 11:30 PM.
## Saturday, March 25, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM - 11:30AM</td>
<td><strong>PG Course: FUSE</strong></td>
<td>Room 340</td>
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<tr>
<td>8:00AM - 10:00AM</td>
<td><strong>SS29: Bariatric Surgery - Sleeves, Conversions and more</strong></td>
<td>Ballroom C</td>
</tr>
<tr>
<td>8:00AM - 10:00AM</td>
<td><strong>SS30: Colorectal Video Session</strong></td>
<td>Room 320</td>
</tr>
<tr>
<td>8:00AM - 9:30AM</td>
<td><strong>SAGES/AGA joint Session: Shark Tank (non-CME)</strong></td>
<td>Room 322</td>
</tr>
<tr>
<td>8:00AM - 9:30AM</td>
<td><strong>Session: Wild Cases presented in the Wild West</strong></td>
<td>Room 310</td>
</tr>
<tr>
<td>8:00AM - 9:00AM</td>
<td><strong>SS28: Robotic Video Session</strong></td>
<td>Room 342</td>
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<tr>
<td>9:00AM - 10:00AM</td>
<td><strong>SS31: Solid Organ Video Session</strong></td>
<td>Room 342</td>
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<tr>
<td>9:30AM - 11:30AM</td>
<td><strong>Panel: All grown up! Managing Adults with Congenital Surgical Anomalies</strong></td>
<td>Room 322</td>
</tr>
<tr>
<td>9:30AM - 11:30AM</td>
<td><strong>Session: Emerging Technology (non-CME)</strong></td>
<td>Room 310</td>
</tr>
<tr>
<td>10:00AM - 11:30AM</td>
<td><strong>ASGE joint Panel: Endoscopic Management of Colon Lesions</strong></td>
<td>Room 320</td>
</tr>
<tr>
<td>10:00AM - 11:30AM</td>
<td><strong>Panel: Complications - Oops! When Things Go Wrong, What Do I Do Now?</strong></td>
<td>Ballroom C</td>
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<tr>
<td>10:00AM - 11:30AM</td>
<td><strong>SS32: Colorectal 2</strong></td>
<td>Room 342</td>
</tr>
<tr>
<td>11:30AM - 3:00PM</td>
<td><strong>Masters Series: AHS joint Session - Ventral Hernia “It's not just Hernia”</strong></td>
<td>Ballroom C</td>
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<tr>
<td>11:30AM - 1:00PM</td>
<td><strong>SS33: Plenary 2</strong></td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td><strong>ASE joint Panel: Tools for the Surgical Educator</strong></td>
<td>Room 340</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td><strong>SS35: Foregut 3</strong></td>
<td>Room 320</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td><strong>SS36: Minimally Invasive Surgery - World Tour</strong></td>
<td>Room 342</td>
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<tr>
<td>1:30PM - 2:30PM</td>
<td><strong>SS34: Case Presentations</strong></td>
<td>Room 310</td>
</tr>
<tr>
<td>7:30AM - 2:00PM</td>
<td><strong>Mini Med School Boot Camp (non-CME)</strong></td>
<td>Room 332B</td>
</tr>
</tbody>
</table>
Postgraduate Course: 
Fundamental Use of Surgical Energy (FUSE)
Chair: Thomas Robinson, MD, MS | Co-Chair: Kenric Murayama, MD

SESSION DESCRIPTION
Energy-based devices are used in virtually every operation. Surgical training does not include formal education of surgical energy-based devices. The FUSE session aims to teach surgeons (1) the fundamental principles of surgical energy-based devices; (2) the safe use of surgical energy-based devices; (3) the patterns of surgical energy-based device injuries; and (4) the effective use of these devices.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Know the mechanisms of actions by which common surgical energy-based devices work
• Understand the patterns by which surgical energy-based devices cause patient injury
• Identify common scenarios which promote the occurrence of surgical energy-based device complications

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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<tbody>
<tr>
<td>8:00AM</td>
<td>FUSE Introduction: Why FUSE?</td>
<td>Pascal Fuchshuber, MD</td>
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<tr>
<td>8:15AM</td>
<td>Fundamental Principles: Principles Of Radiofrequency Electrosurgery</td>
<td>Malcolm Munro, MD</td>
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<tr>
<td>8:35AM</td>
<td>Electrosurgical Safety In Laparoscopy</td>
<td>Paul Montero, MD</td>
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<tr>
<td>8:50AM</td>
<td>Monopolar Devices</td>
<td>Gerald Fried, MD</td>
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<tr>
<td>9:05AM</td>
<td>Fires in the Operating Room: Prevention and Management</td>
<td>L. Michael Brut, MD</td>
</tr>
<tr>
<td>9:20AM</td>
<td>Ultrasonic Energy Devices</td>
<td>Daniel Herron, MD</td>
</tr>
<tr>
<td>9:35AM</td>
<td>Ablation Technologies: RFA, Microwave, HIFU</td>
<td>Sharon Bachman, MD</td>
</tr>
<tr>
<td>9:45AM</td>
<td>Audience Questions / Panel Discussion</td>
<td>Kenric Murayama, MD</td>
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<tr>
<td>9:55AM</td>
<td>Break</td>
<td></td>
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<tr>
<td>10:10AM</td>
<td>Cardiac Rhythm Management Devices and Energy-based Devices</td>
<td>Thomas Robinson, MD, MS</td>
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<tr>
<td>10:25AM</td>
<td>Bipolar Devices: Traditional and Advance Bipolar</td>
<td>Dean Mikami, MD</td>
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<tr>
<td>10:40AM</td>
<td>Energy Considerations in Pediatric Surgery</td>
<td>Gretchen Purcell Jackson, MD, PhD</td>
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<tr>
<td>10:50AM</td>
<td>Energy Application in Endoscopy</td>
<td>Edward Jones, MD, MS</td>
</tr>
<tr>
<td>11:05AM</td>
<td>FUSE™ Certification Process</td>
<td>Pascal Fuchshuber, MD</td>
</tr>
<tr>
<td>11:15AM</td>
<td>Audience Questions / Panel Discussion</td>
<td>Thomas Robinson, MD</td>
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</tbody>
</table>

LEARNING THEMES:
NS New technologies/Skill acquisition

GUIDELINES:
• A Consensus Document on Robotic Surgery
• Guidelines for Laparoscopic Ventral Hernia Repair

NATIONAL PRIORITIES

SAGES acknowledges educational grants in support of this course from Applied Medical and ConMed.

The entire 2017 meeting has been designated for Self-Assessment CME Credit, applicable to Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program. In order to claim Self-Assessment credit, attendees must participate in a post meeting quiz.
**SAGES/AGA Joint Session: Shark Tank**

*SAGES does not offer CME for this activity*

Chair: Jeffrey Marks, MD | Co-Chair: Michael Kochman, MD

**SESSION DESCRIPTION**

We are proud to introduce a new venue for novel ideas and for innovation to the SAGES annual meeting; the Shark Tank. The Shark Tank forum is meant to be an opportunity for innovators and companies to be able to showcase their non-marketed innovative ideas and concepts. This venue will allow for you and your company to receive feedback from an expert panel of innovators, investors, and larger companies in a safe environment so that you can further refine your concept and pitch to make success more probable.

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**Session: Wild Cases presented in the Wild West**

Chair: Christopher Schlachta, MD | Co-Chair: Ross Goldberg, MD

**SESSION DESCRIPTION**

This session is for students, residents and practicing endoscopic surgeons who have ever said “What do I do with this?” In the tradition of the Wild West, this session highlights a collection of “wild”, but inspiring, cases that required innovative thinking or bold surgical adventure.

**SESSION OBJECTIVES**

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

- Formulate a minimally invasive/endoscopic surgery management plan for unique and challenging surgical problems
- Identify minimally invasive options to solve novel clinical problems and rare clinical situations
- Manage difficult clinical cases and complications with an MIS first approach

**ACTIVITY OUTLINE**

<table>
<thead>
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<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Introduction and Objectives</td>
<td>Christopher Schlachta, MD</td>
</tr>
<tr>
<td>8:06AM</td>
<td>Endoscopic management of colo-renal fistula</td>
<td>Tonia Young-Fadok, MD</td>
</tr>
<tr>
<td>8:14AM</td>
<td>Discussion</td>
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<tr>
<td>8:20AM</td>
<td>Laparoscopic management of complicated colocutaneous fistula</td>
<td>John Hagen, MD</td>
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<tr>
<td>8:28AM</td>
<td>Discussion</td>
<td></td>
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<tr>
<td>8:34AM</td>
<td>Robotic-assited Heller myotomy with giant esophageal diverticulum</td>
<td>Dmitry Oleynikov, MD</td>
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<tr>
<td>8:42AM</td>
<td>Discussion</td>
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<tr>
<td>8:48AM</td>
<td>Double endoscopy neo-pylorus</td>
<td>Todd Ponsky, MD</td>
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<tr>
<td>8:56AM</td>
<td>Discussion</td>
<td></td>
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<tr>
<td>9:02AM</td>
<td>Endoscopic salvage therapy for duodenal leak</td>
<td>James Ellsmere, MD</td>
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<tr>
<td>9:10AM</td>
<td>Discussion</td>
<td></td>
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<tr>
<td>9:16AM</td>
<td>Transanal Endoscopic Surgery excision of large polyp with peritoneal entry</td>
<td>Patricia Sylla, MD</td>
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<tr>
<td>9:24AM</td>
<td>Discussion</td>
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**LEARNING THEMES:**

*C* Colorectal  
*F* Foregut  
*R* Robotics  
*HP* HPB/Biliary 
*FE* Flexible Endoscopy

**GUIDELINES:**

- *A Consensus Document on Robotic Surgery*
- Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery
- Guidelines for the Surgical Treatment of Esophageal Achalasia

**NATIONAL PRIORITIES**
Saturday, March 25, 2017

8:00 AM - 9:00 AM  **SS28 Robotic Video Session**

Moderator: Richard M. Satava, MD | Co-Moderator: Gyu-Seog Choi, MD

**V131 ROBOTIC REPAIR OF TRAUMATIC DIAPHRAGMATIC RUPTURE** Sara E Martin del Campo, MD, MS, Michael P Meara, MD, MBA, Jennifer S Schwartz; The Ohio State University Wexner Medical Center

**V132 ROBOTIC-ASSISTED SPLENECTOMY, A MEDIAL TO LATERAL DISSECTION** Caitlin Olson, MD, Neal Mineyev, MD, Julio Teixeira, MD; Lenox Hill Hospital

**V133 ROBOTIC - ASSISTED ROUX EN-Y PANCREATIC CYST JEUNOSTOMY** Lava Y Patel, MD, Ankit Patel, MD, Arinbjorn Jonsson, MD, S. Scott Davis, MD, Edward Lin, DO, FACS, Juan Sarmiento, MD, Jamil L Stetler, MD; Emory University School of Medicine, Department of Surgery

**V134 ROBOTIC CONVERSION FROM BILLROTH II TO ROUX EN-Y GASTRIC BYPASS** Diego E Villacreses, MD, Enrique F Elli, MD, FACS; Mayo Clinic

**V135 ROBOTIC TOTAL PANCREATOSPLENECTOMY - TECHNICAL STEPS** Anusak Yiengpruksawasan, MD, Anthony Pozzessere, MD, Jonas Mansson, MD; The Valley Hospital, Ridgewood, NJ

**V136 ROBOTIC RESECTION OF DUODENAL DUPLICATION CYST** Omar Bellorin, MD, Katherine D Gray, MD, Gregory Dakin, MD, FACS, Alfons Pomp, MD, FACS, FRCS, Cheguevara Afaneh, MD, FACS; new York Presbyterian Hospital / Weill Cornell Medical Center

8:00 AM - 10:00 AM  **SS29 Bariatric Surgery - Sleeves, Conversions and More**

Moderator: Shunu N. Kothari, MD | Co-Moderator: Salman Al-Sabah, MD

**S122 HOW DOES EXTENT OF ANTRAL RESECTION EFFECT RESIDUAL GASTRIC VOLUME AND EXCESSIVE WEIGHT LOSS?** Mehmet Mihmanli, Sinan Omeroglu, Emre Bozkurt, Uygur Demir, Cemal Kaya, Ozgur Bostanci, Pinar Yazici; Sisli Hamidiye Efai Training and Research Hospital

**S123 ROUX-EN-Y GASTRIC BYPASS (RYGB) FOLLOWING FAILED FUNDOPPLICATION** Kathleen Coakley, DO, Steven A Groene, MD, Paul D Colavita, MD, Tanushree Prasad, MA, Dimitrios Stefanidis, MD, Amy E Lincourt, PhD, MBA, Keith S Gersin, MD, B. Todd Heniford, MD; Carolinas HealthCare System

**S124 SIMULTANEOUS CONVERSION OF GASTRIC BAND TO SLEEVE GASTRECTOMY IS ASSOCIATED WITH INCREASED POSTOPERATIVE COMPLICATIONS: AN ANALYSIS OF THE AMERICAN COLLEGE OF SURGEONS NSQIP** Zachary C Dietch, MD, MBA, Peter Hallowell, MD; University of Virginia

**S125 SAFETY AND EFFICACY OF REVISION ROUXENY GASTRIC BYPASS COMPARED TO SLEEVE GASTRECTOMY AFTER FAILED GASTRIC BANDING** Alice Wana, MD, Shanna Sprinkle, MD, Dana Portenier, MD, Chan Park, MD, Jin Yoo, MD, Ranjan Sudan, MD, Keri Seymour, DO; Duke University Medical Center

**S126 DOES SLEEVE SHAPE MAKE A DIFFERENCE IN OUTCOMES?** Adel Alhaj Saleh, MD, Michal R Janik, MD, Rami R Mustafa, MD, Mohammed Alshehri, MD, Mohammad Kalantar Motamedie, MPH, Adil Khan, MD, Indravadan Patel, MD, Shiraz Rahim, MD, Mujahid Abbas, MD, Leena Khaitan, MD, MPH; University Hospitals

**S127 PERIOPERATIVE OUTCOMES OF LAPAROSCOPIC AND ROBOTIC REVISIONAL BARIATRIC SURGERY IN A COMPLEX PATIENT POPULATION** Katherine D Gray, MD, Maureen D Moore, MD, Suraj Panyjwani, MBBS, Omar Bellorin, MD, Adham Elmosly, MD, Rasa Zareegar, MD, Gregory Dakin, MD, Alfons Pomp, MD, FACS, Cheguevara Afaneh, MD; New York Presbyterian Hospital-Weill Cornell Medicine, Weill Cornell Medical Center

**S128 LAPAROSCOPIC SLEEVE GASTRECTOMY AS A VIABLE OPTION FOR AN IMBOLATORY SURGERY PROCEDURE: OUR 5-YEAR EXPERIENCE** Sepehr Lalezari, MD, Matthew C Musielak, MD, Lisa A Broun, CNP, Trace W Curry, MD; Johns Hopkins Medicine, The Jewish Hospital, Cincinnati

**S129 LAPAROSCOPIC SLEEVE GASTRECTOMY: ENDOSCOPIC FINDINGS AND GASTROESOPHAGEAL REFLUX SYMPTOMS AT 1-YEAR FOLLOW UP** Federico Moser, MD, German Viscido, MD, Franco Signorini, MD, Luciano Navarro, MD, Veronica Gorrondor, MD, Lucio Obeide, MD; Hospital Privado de Cordoba, Programa de Unidades Bariatricas

**S130 EARLY WEIGHT LOSS AFTER SLEEVE GASTRECTOMY IS SIGNIFICANTLY CORRELATED TO INCREASED HYPOCHOLIC ACID** Tammy L Kindel, MD, PhD, Crystal Krause, PhD, Melissa Helm, Corrigan McBride, Dmitry Oleynikov, MD, R Thakare, J Alamoudi, Vishal Kothari, MD, Rabih Kohli, MD, Yazen Alnouti, MD; Medical College of Wisconsin, University of Nebraska Medical Center, Keck School of Medicine of Univ of Southern California

**S131 REOPERATION AND EXPENDITURES AFTER LAPAROSCOPIC GASTRIC BAND SURGERY AMONG MEDICARE BENEFICIARIES** Andrew M Ibrahim, Jyothish Thumma, MPH, Justin B Dimick; University of Michigan
SS30 Colorectal Video Session
*Included in Registration SuperPass (Option A) or Registration Option C
Moderator: John H. Marks, MD | Co-Moderator: Greta Bernier, MD

V139 LAPAROSCOPIC RADICAL EXTENDED RIGHT HEMICOLECTOMY WITH COMPLETE MESOCOLIC EXCISION USING AN ARTERY FIRST APPROACH
Dechang Diao, PhD, Xinquan Lu, MD, Wei Wang, MD, Liaoan Zou, MD, Yabin He, MD, Hongming Li, Wenjun Xiong, MD, Ping Tan, MD, Yansheng Zheng, MD, Lijie Luo, MD, Jin Wan, PhD; Department of Gastrointestinal (Tumor) Surgery, Traditional Chinese Medicine Hospital of Guangdong Province, The Second Affiliated Hospital of Guangzhou University of traditional Chinese Medicine

V140 RESECTION OF A RETRORECTAL DERMOID CYST USING TRANSCERVICAL ENDOSCOPIC MICRORESECTION
Helen C Mayer, Philip J Spencer, MD, Asishana A Osho, MD, MBA, MPH1, Terry L Buchmiller, MD, David Lawlor, MD, Patricia Sylla, MD; 1Massachusetts General Hospital, 2Children's Hospital Boston, 1Massachusetts General Hospital for Children, 2Mount Sinai Hospital New York

V141 COMBINED TATME AND LAPAROSCOPIC PROCTOCOLECTOMY AND PELVIC POUCH PROCEDURE
Carl J Brown; University of British Columbia

V142 LAPAROSCOPIC MANAGEMENT OF PRESCAR COLON BLEEDING DURING RECTAL SURGERY
Francois Rouleau Fournier, MD, Alexandre Bouchard, MD, FRCS, Genevieve Dion, MD; CHU de Quebec

V143 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION FOR RIGHT-SIDED COLON CANCER USING A CRANIAL APPROACH: EMBRYOLOGICAL AND ANATOMICAL CONSIDERATION
Takeru Matsuda, Yasuo Sumi, Kimihiro Yamashita, Hiroshi Hasegawa, Masashi Yamamoto, Shingo Kanaji, Yoshihiko Matsuda, Taro Oshikiri, Tetsu Nakamura, Satoshi Suzuki, Yoshihiko Kakeji; Kobe University Graduate School of Medicine

V144 ROBOTIC TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS): AN IDEAL SOLUTION FOR RECTAL NEOPLASMS
Shanlei Liu, MD, Santiago Horgan, MD, Lisa Parry, MD, Sonia Ramamorthy, MD, Samuel Eisenstein, MD; UCSD Healthcare Systems

V145 LAPAROSCOPIC REPAIR WITH OMENTAL PLASTY FOR HIGH RECTO-VAGINAL FISTULA - VIDEO PRESENTATION OF TECHNIQUE
C Palanivelu, MS, FACS, FRCS, DSc, S Rajapandian, MSFRCS, FMAS, R Parthasarathi, SM, FMAS, Praveen Raj, MS, FMAS, Senthil Ganapathy, MS, R Sathiyanarayana, MS; GEM Hospital & Research Centre

V146 LAPAROSCOPIC PROCTOCYTECTOMY WITH TRANSANAL TOTAL MESORECTAL EXCISION (TATME) FOR RECTAL CANCER
Andrea Petrucci, MD, Rana El Tawil, MD, Dana R Sands, MD, Steven D Wexner, MD; Cleveland Clinic Florida, Weston, FL

V147 LAPAROSCOPIC RESECTION OF INJURED DUODENAL DIVERTICULUM
Matthew B Dull, MD1, Irina Bienescu, MD1, Benny Kieff, MD1, Nadav Dujovny, MD, FACS2; 1grand rapid medical education partners, 2Spectrum Health Medical Group

V148 LAPRASCOPIC TOTAL COLECTOMY WITH SACROCOCOELECTOPEXY FOR COLONIC INERTIA ASSOCIATED WITH COMBINED PELVIC PROLAPSE
Yuksel Altinel, MD, Jun Chen, MD, Andrea Petrucci, MD, Eric A Hurtado, MD, Steven D Wexner, MD, Giovanna DaSilva, MD; Cleveland Clinic Florida, Weston, FL

V149 LAPARASCOPIC SIGMOIDECTOMY WITH END-TO-SIDE COLORECTAL ANASTOMOSIS AND TRANSCERVICAL EXTRACTION
Christina Koh, MD, Kristen Blaker, MD, Alessio Pigazzi; University of California, Irvine Medical Center

V150 TRANSCERVICAL ENDOSCOPIC MICRORESECTION (TEMR) FOR THE TREATMENT OF COMPLEX ANAL FISTULAS
Jeremy Sugrue, MD, Saleh Eftaiha, MD, Sany Thomas, MD, Christina Warner, MD, Francois Dagbert, MD, Anders Mellgren, MD, PhD, Johan Norderstam, MD, PhD; University of Illinois at Chicago

SS31 Solid Organ Video Session
*Included in Registration SuperPass (Option A) or Registration Option C
Moderator: Robert V. Rege, MD | Co-Moderator: Garth R. Jacobsen, MD

V151 ROBOTIC LIVER RESECTION OF THE POSTEROSUPERIOR SEGMENTS USING THE DAVINCI XI SURGICAL SYSTEM
Yanghee Woo, MD, Jacko Desiderio, MD, Yuman Fong; City of Hope National Cancer Center

V152 LAPAROSCOPIC PARTIAL SPLENECTOMY FOR AN UNUSUAL SPLENIC MASS
Eric Simms, MD1, Miguel Burch, MD2; Edward Phillips, MD1; 1Harbor UCLA Medical Center, 2Cedars-Sinai Medical Center

V153 PURE LAPAROSCOPIC HEPATECTOMY AND THROMBECTOMY FOR RECURRENT HEPATOCELLULAR CARCINOMA WITH TUMOR THROMBUS IN THE LEFT HEPATIC DUCT AFTER OPEN LEFT LATERAL HEPATECTOMY
Osamu Itano, MD, PhD, FACS, Ryusuke Amemiya, MD, Masahiro Shinoda, MD, PhD, Minoru Kitago, MD, PhD, Yuta Abe, MD, PhD, Taizo Hibi, MD, PhD, Hiroshi Yagi, MD, PhD, Yuko Kitagawa, MD, PhD, FACS; Department of Surgery, keio University School of Medicine

V154 LAPAROSCOPIC REMOVAL OF RETROPERITONEAL TUMOR WITH HANGING INFERIOR VENA CAVA
Ho-Seong Han, Sungho Kim, Yoo-Seok Yoon, Jai Young Choi, YoungRok Choi, Seong Uk Kwon; Seoul National University Bounding Hospital

V155 LAPAROSCOPIC RIGHT HEPATECTOMY FOR SYMPTOMATIC HAEMANGIOMA ABUTTING RIGHT HEPATIC VEIN AND INFERIOR VENA CAVA
Palanisamy Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Parthasarathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

V156 LAPAROSCOPIC TOTAL PANCREATOECTOMY FOR IPMN WITH INVASIVE CARCINOMA
Yiping Mou1, Renchao Zhang1, Chaojie Huang1, Bin Zhang2; 1Zhejiang Provincial People's Hospital, 2Zhejiang University School of Medicine
Panel: All Grown Up!  
Managing Adults with Congenital Surgical Anomalies
Chair: Danielle Walsh, MD | Co-Chair: Gretchen Jackson, MD

SESSION DESCRIPTION
While congenital anomalies are largely repaired in childhood, some present in adult hood. Additionally, patients with complex congenital disorders increasingly survive to adulthood and transition into the adult system of surgical care. This session will focus on practical management of adults with congenital gastrointestinal disorders.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Predict potential complications related to prior repair of congenital anomalies
• Manage the adult presentation, complications, and long-term consequences of congenital gastrointestinal anomalies
• Organize a transition of care from pediatric to adult care for particularly complicated surgical patients

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>9:30AM</td>
<td>Introduction</td>
<td>Danielle Walsh, MD</td>
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<tr>
<td>9:35AM</td>
<td>Transition from Pediatric to Adult</td>
<td>Li Ern Chen, MD</td>
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<tr>
<td>9:50AM</td>
<td>Esophageal atresia and injuries</td>
<td>Melissa Danko, MD</td>
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<tr>
<td>10:05AM</td>
<td>Biliary replacements - Cysts and atresias</td>
<td>Stefan Scholz, MD</td>
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<tr>
<td>10:20AM</td>
<td>Anomalies of Rotation and Abdominal wall defects</td>
<td>Diana Diesen, MD</td>
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<tr>
<td>10:35AM</td>
<td>Duodenal atresia and pancreatic anomalies</td>
<td>Bethany Slater, MD</td>
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<td>10:50AM</td>
<td>ACE, Maloney, Chait, and other conduits</td>
<td>Angela Hanna, MD</td>
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<tr>
<td>11:05AM</td>
<td>Anorectal issues - Imperforate anus and Hirschsprungs</td>
<td>Marion Henry, MD, MPH</td>
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<tr>
<td>11:20AM</td>
<td>Panel Q&amp;A</td>
<td>Panel Faculty</td>
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LEARNING THEMES:
- Colorectal
- Foregut
- Acute Care
- HPB/Biliary

NATIONAL PRIORITIES

Session: Emerging Technology
(Non-CME Activity)

SAGES does not offer CME for this activity
Chair: Kevin Wasco, MD | Co-Chair: Ozanan Meireles, MD | Co-Moderator: Amir Szold, MD

SESSION DESCRIPTION
This session features the latest and newest techniques and technologies in gastrointestinal and endoscopic surgery. The 2 hour session is addressed to surgeons searching for new technologies, to medical staff open to future perspectives and to industry partners investing research in new developments. Careful selection of abstracts featuring new research and products will assure that attendees can take away key messages tailored for the near future. The abstract submission deadline is in early 2017 to allow for late-breaking developments.

ET001 COLOVAC, AN INTRACOLONIC BYPASS DEVICE FOR THE PROTECTION OF COLORECTAL ANASTOMOSIS: PRE-CLINICAL EXPERIENCE REPORT
Charam Khosrovani, MD; Anne Osdoit1; Gerard Hascouet, CEO; "Clinique Fontvert, Sorgues 84700, France, 1SAFEHEAL and MD START, Paris, France, 2MD START, Paris France

ET003 PRIMARY AND RESCUE ENDOLUMINAL VACUUM (E-VAC) THERAPY IN THE MANAGEMENT OF ESOPHAGEAL PERFORATION
Sasha Still, MD; Marissa Mencio, MD; Estrella Ontiveros, MA; James Burdick, MD; Steven G Leeds, MD; "Division of Minimally Invasive Surgery, Baylor University Medical Center at Dallas, 1Department of Gastroenterology, Baylor University Medical Center at Dallas

ET004 A NOVEL LAPAROSCOPIC DEVICE USED FOR URETER IDENTIFICATION
Albert Y Huang, MD; Allo trope Medical Inc.

ET005 AUGMENTED SURGICAL DECISION MAKING, USING IMAGE RECOGNITION AND ARTIFICIAL NEURAL NETWORKS
Danny Sherwinter, MD; Andrew Miesse2; Matthew Eschbach2; Amit Vasanji3; "Maimonides Medical Center, 1Covidien, 2Image IQ

ET006 A NOVEL PERCUTANEOUS LAPAROSCOPIC DEVICE – FROM DEVELOPMENT THROUGH FIRST USE IN HUMANS
Lars Webb, MD; Seyed Arshad, MD; Brandy Padilla-Jones, MD; Edward Auyang, MD, MS, FACS; University of New Mexico Hospital
Saturday, March 25, 2017

ET007 GPS LAP ULTRASOUND: EMBEDDING ELECTROMAGNETIC SENSING TO LAPAROSCOPIC ULTRASOUND  
Xinyang Liu, Timothy D. Kane, Raj Shekhar; Children's National Health System

ET008 IMMERSIVE VR, AR, MR, AND HOLOGRAPHY SURGICAL NAVIGATION USING VR-HMD, VIVE, OCULUS, GOOGLE TANGO, ZSPACE, AND HOLOLENS  
Maki Sugimoto, MD; IUHW Graduate School

ET009 Withdrawn

ET010 A NOVEL FLEXIBLE ENDOSCOPIC SURGERY SYSTEM: PRELIMINARY RESULTS FROM PROTOTYPE MODEL  
Norihito Wada, MD, PhD, FACSC; Kazumi Kuboi, RN, Hirofumi Tanaka, Tetsushi Ito, Takuya Miyazaki, Yoshiihiko Himura, Yoko Kitagawa, MD, PhD, FACSC; ‘Keio University School of Medicine, ‘Kawasaki Heavy Industries, Ltd., ‘Medicroid Corporation, ‘Top Corporation

ET011 ACCURATE REAL-TIME LAPAROSCOPIC INSTRUMENT TRACKING IN RELATION TO THE SURGICAL SURFACE USING A STRUCTURED LIGHT PATTERN  
Steen M Hansen, MD, Michael S Hansen; Peter Funch-Jensen, MD, DMSc, Professor; ‘Aalborg University Hospital, ‘Vrinno, ‘Department of Clinical Medicine, Aarhus University Hospital

ET012 INCISIONLESS MAGNETIC LIVER RETRACTION. ENHANCING VISUALIZATION WHILE REDUCING INVASIVENESS WITH MAGNETIC SURGERY IN BARIATRIC SURGERY  
Daniel Guerron, MD; John Rodriguez, MD, Chan Park, MD, Juan Alvarez, MD, Kalman Bencsath, MD, Matthew Kroh, Dana Portenier, MD; ‘Duke University Health System, Department of Surgery, Division of Weight Loss and Metabolic Surgery, Durham, NC, USA, ‘Department of General Surgery, Digestive Disease Institute, Cleveland Clinic, Cleveland, OH, USA, ‘Department of General Surgery, Digestive Disease Institute, Cleveland Clinic, Cleveland, OH, USA - Department of General Surgery, Digestive Disease Institute, Cleveland Clinic Abu Dhabi, United Arab Emirates

ET002 ELIPSE™, A PROCEDURELESS GASTRIC BALLOON FOR WEIGHT LOSS  
Salman Alsabah, Shehab Ekrouf, Waleed Bohaimed, Ahmed Al-Mulla, Saud Al-Subaie, Mubarak Al-Kandiri; Al-Amiri Hospital Kuwait

SAGES acknowledges our Gold Level Donor for their support of this session: Ethicon

10:00 AM - 11:30 AM *Included in Registration SuperPass (Option A) or Registration Option C

ASGE Joint Panel:  
Endoscopic Management of Colon Lesions  
Chair: Daniel von Renteln, MD | Co-Chair: Michael Wallace, MD

SESSION DESCRIPTION
The efficacy of endoscopic colorectal cancer prevention relies on the detection and removal of adenomatous colorectal polyps. This session will describe the current evidence on how to optimize endoscopic colorectal cancer screening, and how to select the right diagnostic and therapeutic tools to manage colon polyps appropriately.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Understand and use the most appropriate colon cancer screening method depending on patient risk factors
• Apply strategies to improve adenoma detection rates
• Select appropriate polypectomy methods for complete and safe resection of colon polyps
• Describe the follow-up and surveillance of patients after treatment of colon cancer

ACTIVITY OUTLINE

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<tbody>
<tr>
<td>10:00AM</td>
<td>Endoscopic colorectal cancer screening: When, how and what test for whom?</td>
<td>Thomas Imperiale, MD</td>
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<td>10:15AM</td>
<td>Standard polypectomy techniques: Choosing the right technique</td>
<td>Heiko Pohl, MD</td>
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<td>10:30AM</td>
<td>The diminutive colon polyp: Resect &amp; discard or leave alone?</td>
<td>Amit Rastogi, MD</td>
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<td>10:45AM</td>
<td>The large colon polyp: When to choose EMR, ESD or full-thickness resection</td>
<td>Gottumukkala Raju, MD</td>
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<tr>
<td>11:00AM</td>
<td>The large colon polyp: When to choose surgery</td>
<td>Michael Wallace, MD</td>
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<td>11:15AM</td>
<td>Colonoscopy Surveillance After Endoscopic Resection of Advanced Adenomas and Colorectal Cancer Surgery</td>
<td>Marylise Boutros, MD</td>
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</table>

LEARNING THEMES:  
C Colorectal  
FE Flexible Endoscopy  
NS New technologies/Skill acquisition

GUIDELINES:
• Granting of Privileges for Gastrointestinal Endoscopy  
• Laparoscopic Colectomy for Curable Cancer

NATIONAL PRIORITIES
Panel: Complications –
Oops! When Things Go Wrong, What Do I Do Now?
Chair: John Hagen, MD | Co-Chair: Amy Neville, MD

SESSION DESCRIPTION
This session is directed to all general surgeons that do laparoscopic surgery. We are going to show a series of videos where things go wrong. You are to imagine that you are the operating surgeon and need to figure out a plan as to how to get out of the trouble that is being shown on the video. We have a panel of “experts” who are wizards at getting out of trouble who will contribute to the lively discussion.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognize and assess surgical complications
• Identify options that might help resolve the problem
• Choose the best option given the circumstances

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<tr>
<td>10:00AM</td>
<td>4-6 Video presentations of complications</td>
<td>John Hagen, MD</td>
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<td>Amy Neville, MD</td>
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Expert Panelists: L. Michael Brun, MD; Enrique F. Elli, MD; Melissa LaPinska, MD; Thadeus Trus, MD

LEARNING THEMES:
C Colorectal
B Bariatrics
HR Hernias
AC Acute Care
HPB HPB/Biliary
FE Flexible Endoscopy

NATIONAL PRIORITIES
SS32 Colorectal 2
Moderator: Dorin Colibaseanu, MD | Co-Moderator: Hermann Kessler MD, PhD

S132 PLASMA LEVELS OF THE PROANGIOGENIC PROTEIN CXCL16 ARE PERSISTENTLY ELEVATED DURING THE FIRST MONTH AFTER MINIMALLY INVASIVE COLORECTAL RESECTION FOR COLORECTAL CANCER
Hmc Shantha Kumara, PhD, Abhinit Shah, MD, Erica Pettke, MD, Xiaohong Yan, MD, Vesna Cekic, RN, Nipa D Gandhi, MD, Melissa A Downing, MD, Richard L Whelan, MD; "Department of Surgery, Mount Sinai West Hospital 1000 Tenth Avenue, Room 3B-61 New York, NY 10019, USA, "Department of Surgery,Mount Sinai West Hospital,425 West 59th Street,Suite 7B,New York,NY 10019 ,USA

S133 RANDOMISED CONTROLLED STUDY TO COMPARE SURGICAL OUTCOME OF VIDEO ASSISTED ANAL FISTULA TREATMENT (VAAF) WITH CONVENTIONAL FISTULOTOMY IN LOW FISTULA IN ANO PATIENTS,
Manoj Andley, MS, Abhishek Anand, MS, Ashok Kumar, MS, Gyan Saurabh, MS, Sudipta Saha, MS, Ajay Kumar, MS, MCh, Rahul Pusuluri, MS, Nikhil Talwar, MS; Lady Hardinge Medical College, New Delhi

S134 ESTABLISHING THE LEARNING CURVE FOR TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS) FOR LOCAL EXCISION OF RECTAL NEOPLASMS
Lawrence Lee, MD, PhD, Deborah Keller, MD, George Nassif, DO, Teresa deBeche-Adams, MD, John Monson, MD, Matthew R Albert, MD, Sam Ataallah, MD; "Florida Hospital, "Houston Methodist Hospital

S135 PERITONEAL PERFORATION DURING TRANSANAL ENDOSCOPIC MICROSURGERY IS NOT ASSOCIATED WITH SIGNIFICANT SHORT TERM COMPLICATIONS
J Ramkumar, A Karimuddin, M Raval, P Phang, C Brown; "Division of General Surgery, University of British Columbia, "Department of Surgery, Section of Colorectal Surgery, St. Paul’s Hospital

S136 RESULTS OF MDT MANAGEMENT OF DISTAL RECTAL CANCER AT A COLORECTAL CENTER AND COMPARISON WITH CURRENT LITERATURE
Vasileios Kostaras, MD, Andrew R Helber, AB, Gerald J Marks, MD, Hmc Shantha Kumara, PhD, Marks Colorectal Surgical Associates, Lankenau Institute of Medical Research

S137 STEREOTACTIC NAVIGATION FOR RECTAL SURGERY
Arthur Wijsmuller, MD, Luis Romagnolo, MD, Bernard Dallemagne, MD, Armando Melani, MD, Céline Giraudouche, PhD, Jacques Marescaux, MD, FACS, Hon, FRC, Hon, FJSES, Hon, FASA; "Research Institute against Digestive Cancer (IRCAD), Strasbourg, France, "IRCAD América Latina, Barretos, Brazil, "HHU Strasbourg, Institute of Image-Guided Surgery, Strasbourg, France

S138 BARRIERS TO LAPAROSCOPIC CORON RESECTION FOR CANCER: A NATIONAL ANALYSIS
Alexander T Hawkins, MD, MPH, Mm Cone, B Hopkins, R Muldoon, MD, Aa Parikh, Tm Geiger; Vanderbilt University

S139 SINGLE INCISION LAPAROSCOPIC SURGERY FOR DIVERITICULITIS THROUGH A PAPPENSTEIL INCISION: SHORT AND LONG-TERM OUTCOMES
Saeed Shour, Alberto Gonzalez, Dr, Sergio H Ibarra, Jean-Paul LeFave, Eric M Haas, Professor; Colorectal Surgical Associates, Houston, Texas, "Division of Minimally Invasive Colon and Rectal Surgery, Department of Surgery, University of Texas Medical School, Houston, TX, USA, "Houston Methodist Hospital, Houston, Texas
Saturday, March 25, 2017

**S140 SYSTEMATIC IMPLEMENTATION OF A COLON BUNDLE SIGNIFICANTLY DECREASES SURGICAL SITE INFECTIONS**
Fiona Gaunay, MD, Titi Adegboyega, MD, MPH, Cesar Sanz, MD, Marco Beronnes, PAC, David Rivadeneira, MD, MBA; Northwell Health System, Hofstra University School of Medicine

11:30 AM - 3:00 PM *Included in Registration SuperPass (Option A) or Registration Option C

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**SAGES University Masters Series: AHS Joint Session - Ventral Hernia “It’s not just Hernia”**
Chair: Archana Ramaswamy, MD | Co-Chair: Dennis Klassen, MD

**SESSION DESCRIPTION**
Having a strong foundation regarding the principles of ventral hernia surgery helps to build an effective hernia practice. This Masters 100 session will focus on pathophysiology, different techniques of repair, avoidance of complications, and mesh selection from the experts in the field.

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Recommend the type(s) of hernia repair which may best suit the patient
- Differentiate between types of abdominal wall closure to prevent hernias
- Recognize patients who require preoperative comorbidity modification prior to surgery

**ACTIVITY OUTLINE**

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<th>Time</th>
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<tr>
<td>11:30AM</td>
<td>Introduction</td>
<td>Archana Ramaswamy, MD</td>
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<tr>
<td>11:35AM</td>
<td>Ventral Hernias - Pathophysiology and Burden of Disease</td>
<td>Sean Orenstein, MD</td>
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<tr>
<td>11:55AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>12:05PM</td>
<td>Patient Selection and Prehabilitation</td>
<td>Bruce Ramshaw, MD</td>
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<td>12:25PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>12:35PM</td>
<td>Mesh- Is it necessary and what type?</td>
<td>Sharon Bachman, MD</td>
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<td>12:55PM</td>
<td>Q&amp;A / Discussion</td>
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<td>1:05PM</td>
<td>Break</td>
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<tr>
<td>1:20PM</td>
<td>Minimally Invasive Ventral Hernia Repair- Patient Selection and Technique</td>
<td>William Cobb, MD</td>
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<td>1:40PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>1:50PM</td>
<td>Open Ventral Hernia Repair- Patient Selection and Technique</td>
<td>William Hope, MD</td>
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<td>2:10PM</td>
<td>Q&amp;A / Discussion</td>
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<td>2:20PM</td>
<td>Operative Complications- Avoiding them and managing them</td>
<td>Gina Adrales, MD, MPH</td>
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<td>2:40PM</td>
<td>Q&amp;A / Discussion</td>
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**LEARNING THEMES:**

- Hernias

**GUIDELINES:**
- Guidelines for Laparoscopic Ventral Hernia Repair

**NATIONAL PRIORITIES**

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Saturday, March 25, 2017

1:30 PM - 3:00 PM **SS33 Plenary 2**
Moderator: Daniel J. Scott, MD | Co-Moderator: Davide Lomanto MD, PhD

S141 FACTORS INFLUENCING THE OUTCOME OF MAGNETIC SPHINCTER AUGMENTATION FOR CHRONIC GORD Heather F Warren, MD, Lisa M Brown, MD, Matias Mihura, MD, Alexander S Farivar, MD, Ralph W Aye, MD, Brian E Louie, MD, Dignity Health Medical Group, UC Davis Medical Center, Swedish Cancer Institute and Medical Center

V157 LAPAROSCOPIC FOUR-DUCT HEPATOJEJUNAL ANASTOMOSIS IN SEVERE MIRIZZI SYNDROME Pablo Achurra, MD, Erwin Buckel, MD, Eduardo Viñuela, MD, Julian Varas, MD, Rodolfo Gonzalez, MD, Nicolás Jarufe, MD, Sanhueza Marcel, MD, Department of Gastrointestinal Surgery, Pontificia Universidad Católica de Chile, Hospital Sotero del Río, Santiago, Chile

S142 ROBOTIC SINGLE SITE VERSUS MULTIPORT CHOLECYSTECTOMY: A CASE-MATCHED ANALYSIS OF SHORT- AND LONG-TERM COSTS Monika E Hagen, MD, Alexandre Balphas, Mina K Jung, Nicolas C Buchs, Leo Buehler, Philippe Morel, University Hospital Geneva

S143 LAPAROSCOPIC REPAIR OF GIANT PARAESOPHAGEAL HERNIAS: ARE THERE FACTORS ASSOCIATED WITH ANATOMIC RECURRENCE? Michael A Antiporda, MD, Benjamin Veenstra, MD, Chloe Jackson, CS, D Smith, MD, Steven P Bowers, MD, Mayo Clinic Florida, Rush University Medical Center, Piedmont Hospital, Atlanta GA

V158 EXTENDED-TEP RIVES STOPPA REPAIR Nan Wu, MD, Adam Weltz, Reza Zahiri, Adrian Park, MD, Igor Belyansky, MD, Arundel Medical Center

S144 HOW BARIATRIC SURGERY AFFECTS LIVER VOLUME AND FAT DENSITY IN NAFLD PATIENTS Ran B Luo, MD, Domingo Montalvo, MD, Jonathan C Hooker, BS, Shanglei Liu, MD, Jonathan C DeLong, MD, Jessica L Reynolds, MD, Bryan J Sandler, MD, Scott Reeder, MD, Claude B Sirlin, MD, Santiago Horgan, MD, Garth R Jacobsen, MD, University of California, San Diego, University of Wisconsin

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

1:30 PM - 3:00 PM **SS34 Case Presentations**
Moderator: Thadeus L. Trus, MD | Co-Moderator: Benjamin R. Veenstra, MD

V159 ENDOSCOPIC APPROACH FOR MULTIPLE HYDATIDOSIS IN LUNG & SPLEEN: A SPLEEN PRESERVING EFFORT Ayah V. H. Bhandasar, MS, Anmol N Wagh, MS, Saurabh S Gandhi, MS, Chinmay B Patel, MS, Priyank D Kohari, Eham L Aroa; Grant government medical college & Sir J.J. group of Hospitals, Mumbai, India

V160 GASTROPERICARDIAL FISTULA: A COMPLICATION OF AN ERODED LAP BAND Michael C Morell, MD, Matthew D Wheaton; University of California, Irvine

V161 MYTH DEBUNKED: THE ICG CHOLECYSTECTOMY 1 HOUR RULE Jonathan C DeLong, MD, Shanglei Liu, MD, Domingo Montalvo, MD, Toshiaki Suzuki, MD, Ran B Luo, MD, Jessica L Reynolds, MD, Garth R Jacobsen, MD, Michael Bouvet, MD, Santiago Horgan, MD, Bryan J Sandler, MD, U.C San Diego

V162 LAPAROSCOPIC RESECTION OF A GASTROESOPHAGEAL JUNCTION LEIOMYOMA Christina Koh, MD, Michael Morrell, MD, Ninh Nguyen, MD; University of California, Irvine Medical Center

V163 ROBOTIC LEFT ADRENALECTOMY FOR PHEOCHROMOCYTOMA Volkan Ozben, MD, Ipek Sapci, MD, Turgut Bora Cengiz, MD, Bilgi Baca, MD, Prof, Dr; Department of General Surgery, Acibadem University, Medical Faculty, Istanbul, Turkey, Acibadem University, Medical Faculty, Istanbul, Turkey

V164 LAPAROSCOPIC COMMON BILE DUCT EXPLORATION IN A PATIENT WITH PREVIOUS TOTAL GASTRECTOMY Mostafa El-Beheiry, MD, Steven MacLellan; Western University, University of Toronto

1:30 PM - 3:00 PM **SS35 Foregut 3**
Moderator: Kenric M. Murayama, MD | Co-Moderator: Brian Louie, MD, MHA, MPH

S145 SURGICAL MANAGEMENT OF EPIPHRENIC DIVERTICULUM-SINGLE CENTER EXPERIENCE Alison E Brandeis, BA, MS, Saurabh Singhal, MBBS, Sumeet K Mittal, MBBS; Creighton University School of Medicine

S146 ONE-STAGE MINIMALLY-INVASIVE IVOR-LEWIS ESOPHAGECTOMY WITHOUT PATIENT REPOSITIONING Benjamin M Motz, MD, Patrick Lorimer, MD, Joshua Hill, MD, Mark Reames, MD, Danielle Boselli, James Symanowski, PhD, Jonathan C Salo, MD; Carolinas Medical Center

S147 LAPAROSCOPIC PRIMARY REPAIR VERSUS LIGHTWEIGHT PARTIALLY ABSORBABLE MESH REPAIR FOR LARGE HIATAL HERNIAS: PROSPECTIVE RANDOMIZED STUDY Vy Shkruhnik, A.V. Malynovskiy; Odessa national medical university, Ukraine

S148 MAGNETIC SPHINCTER AUGMENTATION DURING REPAIR OF PARAESOPHAGEAL AND LARGE HIATAL HERNIAS RESULTS IN FAVORABLE OUTCOMES: Reginald Bell, MD, J.P. Tripp Buckley, MD, Katherine Freeman, NP, MSN, Rachelle Heidrick, RN, Stephanie Douglett, PAC; Baylor Scott & White Institute, Baylor Scott & White - Round Rock

S149 SIMULTANEOUS LAPAROSCOPIC HELLER MYOTOMY AND ROUX-EN-Y GASTRIC BYPASS IN A MORBIDLY OBESE PATIENT WITH ACHALASIA: Danielle T Friedman, MD, Ayaj K Chopra, MD, Jacobi Medical Center

S150 LAPAROSCOPIC TAKEDOWN OF NISSEN FUNDUPLICATION, REPAIR OF RECURRENT HIATAL HERNIA, AND IMPLANTATION OF MAGNETIC SPHINCTER AUGMENTATION DEVICE Michael A Antiporda, MD, Steven P Bowers, MD; Mayo Clinic Florida

*S141 FACTORS INFLUENCING THE OUTCOME OF MAGNETIC SPHINCTER AUGMENTATION FOR CHRONIC GORD: Heather F Warren, MD, Lisa M Brown, MD, Matias Mihura, MD, Alexander S Farivar, MD, Ralph W Aye, MD, Brian E Louie, MD, Dignity Health Medical Group, UC Davis Medical Center, Swedish Cancer Institute and Medical Center*
Saturday, March 25, 2017

SS36 Minimally Invasive Surgery - World Tour

Moderator: Matthew I. Goldblatt, MD | Co-Moderator: Hong-Jin Kim MD, PhD

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S149 MESH CRURAL REINFORCEMENT OF GIANT HIATAL HERNIA WITH LAPAROSCOPIC APPROACH: RESULTS IN 100 CONSECUTIVE
PATIENTS Emanuele L. G. Asti, MD, FACS, Andrea Lovece, MD, Luigi Bonavina, MD, FACS; IRCCS Policlinico San Donato

S150 LAPAROSCOPIC PANCREATICODUODENECTOMY: CHANGING THE MANAGEMENT OF AMPULLARY NEOPLASMS Brandon C
Chapman, MD, Irada Ibrahim-Zada, MD, Douglas M Overbey, MD, Alessandro Paniccia, MD, Cheryl Meguid, DNP, Brian Brauer, MD, Ana
Gleisner, MD, Martin D McCarter, MD, Richard D Schulick, MD, Barish H Edil, MD; University of Colorado School of Medicine

S151 LAPAROSCOPIC PANCREAS-SPARING SUBTOTAL DUODENECTOMY IN GASTROINTESTINAL STROMAL TUMOR OF THE
DUODENUM Sung Hoon Choi, MD, Ji Wool Ko, MD, Chang Moo Kang, PhD; CHA bundang medical center, CHA university, "Yonsei
University College of Medicine

V170 LAPAROSCOPIC PARTIAL SPLENECTOMY FOR GIANT CYST AFTER ROUX-EN-Y GASTRIC BYPASS Pearl Ma, MD, Subhash Reddy,
MD, Daniel Swartz, MD, Keith Boone, MD, Eric DeMaria, MD, Kelvin Higa, MD; University of California-San Francisco Fresno MEP;
Advanced Laparoscopic Surgical Associates, Fresno CA

S152 MULTIModal TREATMENT STRATEGIES FOR BOERHAAVE SYNDROME Philipp Horvath, MD, Jessica Lange, MD, Dörte Wichmann,
MD, Julia Hilbert, MD, Dietmar Stüker, Marty Zdichavsky, MD; University hospital Tübingen, General Surgery

S153 PERITONEAL DIALYSIS CATHER FUNCTION AND SURVIVAL ARE NOT ADVERSELY AFFECTED BY OBESITY REGARDLESS OF
OPERATIVE TECHNIQUE. Monika A Krezzalek, MD, Nicolas Bonamici, BS, Brittany Lapin, Michael Ujiki, MD, Stephen P Haggerty, MD; The
University of Chicago, NorthShore University HealthSystem

S154 HEMITHYROIDECTOMY: OPEN VERSUS ENDOSCOPIC TRANSAXILLARY APPROACH – A RANDOMISED STUDY IN A TERTIARY
CARE CENTRE IN SOUTH INDIA Parimuthukumar Rajappa, MS, Prashanth Krishna, Apoorva Prathap, Vishwanath Pai; Sri Ramachandra
University, Chennai, India

S155 Withdrawn

S156 BENEFITS IN PRESERVATION OF THE IMA DURING LAPAROSCOPIC SIGMOID COLECTOMY: A COMPARATIVE STUDY Ratchamon
Pinyoteppratarn, MD, Siripong Sirikurnpiboon, MD, Kasidin Vittoopinyoparb, MD, Bunlung Muyphuag, MD, Thawee Ratanachu-ek, MD; Rajavithi Hospital
ASE Joint Panel: Tools for the Surgical Educator
Chair: John Paige, MD  |  Co-Chair: Kent Van Sickle, MD

SESSION DESCRIPTION
This session will review both established and innovative strategies and approaches for teaching surgical knowledge, skills, and attitudes to learners and trainees. It will include discussions related to curriculum development, assessment, and technology. This session is intended for those individuals involved in surgical education, from fellowship/program/clerkship directors to clinical faculty.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Integrate assessment tools with evidence of validity and reliability into the evaluation of technical and nontechnical skills
• Compare and contrast the advantages and disadvantages of various proficiency-driven curricula for surgical education
• Incorporate technology into surgical education in new and innovative ways

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>The Hammer: Using proficiency-driven curricula in surgical education</td>
<td>Kent Van Sickle, MD</td>
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<tr>
<td>1:39PM</td>
<td>Off the Shelf or Do It Yourself: FLS, FES, FUSE and the Development of Advanced</td>
<td>Dmitry Nepomnayshy, MD</td>
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<td></td>
<td>Laparoscopic Surgery skills</td>
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<tr>
<td>1:48PM</td>
<td>The Yardstick: Key concepts in assessment and relevant examples</td>
<td>James Korndorffer, MD</td>
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<tr>
<td>1:57PM</td>
<td>The Level: The challenges of training and assessing teamwork</td>
<td>Gladys Fernandez, MD</td>
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<tr>
<td>2:06PM</td>
<td>The Console: Serious gaming and virtual reality in surgical education</td>
<td>Pedro Pablo Gomez, MD</td>
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<tr>
<td>2:15PM</td>
<td>The App: Incorporating phone and other applications into surgical education</td>
<td>Alan Harzman, MD</td>
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<tr>
<td>2:24PM</td>
<td>The Blueprint: Standardizing teaching in the OR using the Lapco technique</td>
<td>Mark Coleman, MD</td>
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<tr>
<td>2:33PM</td>
<td>Construction: Using your tools to build an effective surgical education program</td>
<td>Dimitrios Stefanidis, MD</td>
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<tr>
<td>2:42PM</td>
<td>Q&amp;A</td>
<td>Kent Van Sickle, MD</td>
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<td>John Paige, MD</td>
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LEARNING THEMES:
R  Robotics
PE  Professional/Economic
AE  Academic/Educational
NS  New technologies/Skill acquisition

NATIONAL PRIORITIES  📚 📦
Saturday, March 25, 2017

7:30 AM - 10:00 AM

SAGES Mini-Medical School Boot Camp for HS Students

Chair: James Rosser Jr, MD | Co-Chair: Vadim Sherman, MD
High School Rep/ Top Gun for Kids: Harris Alam

SAGES does not offer CME for this event

Building on success of previous years, high school students from the Houston area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. With projected physician and surgeon shortages in the future, the vision of this program is to encourage and promote early decisions to join our noble profession. The day is power packed with expanded hands-on skill lab, and the Top Gun Interactive Experience. Both cognitive and skill competitions with awards and prizes will be offered. So do not delay in contacting SAGES for more information because space is limited.

The SAGES Mini Med School is designed to expose high school students to the field of Surgery through hands-on experience and simulation. Students will begin to appreciate that being in the OR is rewarding, important work, and fun. To maximize exposure, real life surgeons/volunteers will mentor the students throughout the program. The Mini Med School Experience is a power packed extravaganza that provides fun with a purpose. Students will have the opportunity to show that they have the “right stuff” to join the ranks of physicians and laparoscopic surgeons. From video games that help decrease errors, to robots, FLS and Top Gun surgical simulation drills. Make sure you do not miss this one of its kind opportunity.

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
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<tbody>
<tr>
<td>7:30AM</td>
<td>Registration/Check-in</td>
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<tr>
<td>8:00AM</td>
<td>Welcome &amp; Program Overview</td>
</tr>
<tr>
<td>8:30AM - 12:30PM</td>
<td>Hands-On Surgical Skill Development - Lab</td>
</tr>
<tr>
<td>12:30PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00PM</td>
<td>The Interactive Experience - Classroom</td>
</tr>
<tr>
<td>1:50PM</td>
<td>Evaluation, Prizes and Closing</td>
</tr>
</tbody>
</table>

Program limited to 100 high school students. Letter of recommendation from a high school teacher is required.
2017 Learning Center

Chair: Denise W. Gee, MD
Co-Chair: Jaisa Olasky, MD

Dates: Thursday, March 23, 2017 & Friday, March 24, 2017
Hours of Operation: 10:00am - 4:00pm

SAGES does not offer CME for the Learning Center

1. Laparoscopic Common Bile Duct Exploration
Coordinator: Byron Fernando Santos, MD
Laparoscopic common bile duct exploration is a surgical technique that allows the common bile duct to be cleared of biliary stones without the need for open or endoscopic procedures. At this station participants will learn the available techniques used for laparoscopic bile duct exploration.

Objectives:
• Practice the techniques available for cannulating the common bile duct
• Practice various techniques for clearing the common bile duct of stones
• Interpret intraop cholangiogram to identify obstructing stones

2. SMART Enhanced Recovery After Surgery
Coordinator: Deborah Keller, MS, MD
A multimedia station of web, video, and printed materials manned by a SMART committee member to discuss the program, resources available, and raise awareness of SMART and penetrance of enhanced recovery. A video screen will play loops of minimally invasive gastrointestinal procedures, presentations from committee members on enhanced recovery topics, and instructional videos on components on multimodal enhanced recovery, to draw members in and add additional educational content. Printed copies of existing pathways, patient education material and the SAGES/ERAS Society manual on enhanced recovery for GI surgery will be available as take-home materials for the content in the learning center.

Objectives:
• Raise awareness of SMART program among meeting attendees
• Increase knowledge and utilization of the SAGES web resources available for members
• Spotlight and increase use of the SAGES/ERAS Society Manual on enhanced recovery for GI surgery
• Increase adoption of enhanced recovery principles
• Assist members in translating knowledge of enhanced recovery into clinical practice across the preoperative, intraoperative, and postoperative periods
• Provide troubleshooting to members from SMART material for obstacles encountered during development and implementation of enhanced recovery principles

3. Fundamentals of Laparoscopic Surgery™
Coordinator: Salvatore Docimo, DO, MS
Fundamentals of Laparoscopic Surgery™ is a joint program of SAGES and ACS, it is now required for board certification of general surgery residents. The program is designed to teach physiology, fundamental knowledge, and technical skills, required for competency in laparoscopic surgery. This station will introduce participants to the FLS technical tasks.

Objectives:
• 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

4. Top Gun
Coordinator: James “Butch” Rosser, MD
The Top Gun Laparoscopic Skill Shootout Station will allow participants of all training levels to develop and improve their laparoscopic skills. The station will feature the validated “Rosser TOP GUN” skill development stations developed by Dr. Rosser and made famous at Yale. To date, over 6000 surgeons have participated around the world. Instructors will show tactics and techniques that will transfer readily into the clinical environment. Participants will compete for slots in the Top Gun Shoot Out; crowning one SAGES 2017 TOP GUN.

Objectives:
• 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

5. Robotic Surgery Mini-Olympics
Coordinator: Omar Yusef Kudsi, MD, MBA
Robotic Surgery Mini-Olympics offers an opportunity for participants to familiarize themselves with the da Vinci robot console and simulator. Participants will learn basic robotic surgery techniques and practice those skills on various simulator tasks. In addition, participants will have the option of recording their performance as part of a friendly skills competition.

Objectives:
• Gain familiarity with the basic daVinci robot console and controls
• Practice various robot skills on the simulator
• Identify basic differences between robotic and laparoscopic surgical approaches
6. Advanced Laparoscopic Suturing of Anastomoses

Coordinator: Julian Varas, MD

The ALSA station allows the participants to acquire advanced laparoscopic suturing skills to perform permeable and leak-free anastomosis of different sizes and positions. Participants will practice on validated real-tissue simulation models in high definition endotrainers. The main goal is to learn how to safely perform hand-sewn and mechanical small bowel anastomosis and the principles to perform small duct-to-mucosa anastomosis. Instructors will give tips and feedback and also an iOS App with video tutorials will guide participants through the training. Each exercise has a time goal and all anastomoses performed are tested for permeability and leakage.

Objectives:
• Understand the principles of laparoscopic anastomosis in different sizes and positions
• Perform various laparoscopic anastomoses in real-tissue simulation models inside an HD endotainer (jejuno-jejunostomy, hepatico-jejunostomy and pancreatico-jejunostomy)
• Practice laparoscopic intracorporeal suturing with 3-0, 4-0 and 6-0 needles

7. Fundamentals of Endoscopic Surgery™ (FES)

Coordinator: Jonathan Pearl, MD

Flexible Endoscopy continues to be an important component to a General Surgeons practice. Endoscopy requirements in residency training have increased over the past few years and simulation is now a requirement. This station will showcase the newly developed Flexible Endoscopy training models. These models allow training in scope navigation, tissue targeting, retroflexion and loop reduction.

Objectives:
• Practice valuable endoscopic skills in a reproducible model
• Perform various endoscopic tasks in a virtual reality simulator
• Evaluate the SAGES endoscopic curriculum

8. Fundamental Use of Surgical Energy™ (FUSE)/ Virtual Electrosurgical Skill Trainer

Coordinators: Emilie Fitzpatrick, MD and Brian Nguyen, 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. Participants will have the opportunity to use the VEST simulator. The VEST simulator will introduce learners to the basic electrosurgical tasks in surgery within a high fidelity virtual reality environment using both monopolar and bipolar electrosurgical tools.

Objectives:
• Describe the physics behind common energy devices in the operating room
• Appreciate the difficulties related to the use of the electrosurgical tools.
• Learn the proper technique in performing electrosurgical tasks safely
• Perform different energy-based tasks within a simulated scenario using both monopolar and bipolar electrosurgical tools

9. Telestration-Guided Laparoscopic Visual Skills Practice

Coordinator: Helena Mentis, PhD

The demonstrated telestration system allows mentors to provide reference and annotation on the real-time laparoscopic video. For this Learning Center activity, participants will practice a low-fi laparoscopic skill on physical boxes with the guidance of a mentor. The goal is for the participant to learn to identify an exact task target as well as visually learn the steps to accomplish the task. Throughout the task, the mentor will provide verbal instructions and telestrations on the video display.

Objectives:
• Practice the laparoscopic visual skills with the guidance of mentors
• Identify efficient ways in accomplishing the tasks
• Adopt expert gaze patterns in performing the tasks
• Develop communication skills with a mentor

SAGES acknowledges contributions in-kind in support of this venue from:
3D Medical, 3-D Systems, ConMed, Ethicon, Intuitive, Karl Storz, KyotoKagaku, Medtronic, Olympus
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3. Click Profile and then Edit.
4. Select the tab “Primary Practice/Public Information” and enter the details. If you have any additional practice information, you can enter that information in the “Secondary Practice/Public Information” tab.
5. Make sure to scroll down to the “Surgical Specialties” section and check off all that apply so your profile will appear when patients search by specialty.
6. Finally, please include an updated photo by clicking “Change Profile Photo” at the very top of the page.
7. When you are finished, visit www.healthysooner.org and click the “Find a Surgeon” tab on the menu to see how it all works!

It is critical that you update as much information as possible. We thank you in advance for your participation!

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<td>SAGES Pearls Series</td>
<td>This Collection contains the most common minimally invasive procedures performed by general surgeons, as determined by the SAGES Educational Resources Committee. SAGES TOP 21 replaces the very popular SAGES Top 14 DVD, with all new videos and commentaries.</td>
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<td>Available For Purchase. Full Price</td>
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Talar Tejirian, MD, Tel Aviv, Israel, Senior Partner, Assia Medical Group

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R. Matthew Walsh, MD, Cleveland, OH, Professor and Chairman, Lerner College of Medicine at CWRU

Jeremy Aaron, Warren, MD, Greenville, SC, Assistant Professor, Univ. of South Carolina School of Medicine, Greenville Hospital System

Kevin E. Wasco, MD, Neenah, WI, Partner Surgical Associates of Fox Cities/ Co-Director Midwest Bariatric Solutions, Surgical Associates of Fox Cities / Midwest Bariatric Solutions/Thedacare Hospitals

Mark J. Watson, MD, Dallas, TX, Professor, UT SOUTHWESTERN DALLAS

Eric Glenn Weiss, MD, Weston, FL, Chief Academic Officer, Education Center Director and Staff Colorectal Surgeon, Cleveland Clinic Flo, Cleveland Clinic Florida
SAGES Invited Faculty

Steven D. Wexner, MD, Weston, FL, Director, Digestive Disease Center and Professor and Chairman, Department of Colorectal Surgery, Cleveland Clinic Florida

Mark H. Whiteford, MD, Portland, OR, Director, Colon and Rectal Surgery, The Oregon Clinic, Providence Cancer Center.

Erik B. Wilson, MD, Houston, TX, Professor of Surgery, UTHealth - Medical School

Errawan R. Wiradisuria, MD, Jakarta, Indonesia, President of Indonesian Society of Endo-Laparoscopic Surgeons (ISES), Premier Bintaro Hospital

CAPT Gordon G. Wisbach, MD, San Diego, CA, Assistant Professor of Surgery, Uniformed Services Univ. of the Health Sciences

Sherry M. Wren, MD, Palo Alto, CA, Professor and Vice Chair of Surgery, Director of Global Surgery, Center for Innovation in Global Health, Stanford Univ.

Andrew S. Wright, MD, Seattle, WA, Associate Professor, Univ. of Washington

Manabu Yamamoto, MD, Tokyo, Japan, Director and Chairman, Adachi Kyoasai Hospital

Robert Bruce Yates, MD, Seattle, WA, Clinical Assistant Professor, Northwest Hospital/Univ. of Washington

MAJ Christopher Gordon Yheulon, MD, Honolulu, HI, Assistant Professor of Surgery, Tripler Army Med.Ctr.

Fia Yi, MD, San Antonio, TX, Assistant Professor of Surgery, Uniformed Services University of the Health Sciences, San Antonio Military Med. Ctr.

Tonia M. Young-Fadok, MD, Phoenix, AZ, Professor of Surgery, Mayo Clinic

Linda P. Zhang, MD, New York, NY, Mount Sinai School of Medicine

Natan Zundel, MD, Miami Beach, FL, Professor of Surgery, Vice-Chairman Dept. of Surgery, FIU Herbert Wertheim College of Medicine

Amer Zureikat, MD, Pittsburgh, PA, Assistant Professor of Surgery, Co-Director UPMC Pancreatic Cancer Program, Univ. of Pittsburgh Med. Ctr.
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**V171 VENTRAL INCISIONAL HERNIA REPAIR WITH EXTRAPERITONEAL MESH PLACEMENT, BILATERAL POSTERIOR RECTUS RELEASE, AND UNILATERAL TRANSVERSUS ABDOMINIS RELEASE, VIA SINGLE DOCK ROBOTIC APPROACH**

Adam J Blau, MD; Albany Medical Center

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**V172 LAPAROSCOPIC CBD EXPLORATION WITH CHOLEDOCHODUODENOSTOMY FOR BILEDUCT STONES IN A PATIENT WITH SITUS INVERSUS TOTALIS**

P Senthilnathan, R Parthasarathi, S Rajiapandian, P Praveen Raj, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, C Palaniyivelu; GEM Hospital & Research Centre

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**V173 LAPAROSCOPIC CHOLECYSTECTOMY WITH INDOCYANINE GREEN (ICG) FLUORESCENCE**

Lindsey G Kahan, BS; Sara Feaman, MS, CCRP, Wen Hui Tan, MD, Jared M McCallister, MD, Jeffrey A Blatnik, MD; Washington University in St. Louis

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**V174 LAPAROSCOPIC EXTERNAL ILLIAC LYMPH NODE EXCISIONAL BIOPSY IN CASTLEMAN’S DISEASE**

Vy Nguyen, MD; Dennis Klassen; Dalhousie University

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**V175 VERTICAL BANDED GASTROPLASTY CONVERTED TO SLEEVE GASTRECTOMY SECONDARY TO MESH EROSION.**

Lisa Renee Hilton, MD, Geoffrey Nadjazd, MD, FACS, FASMBS, Matthew Hubbard, MD, Saber Ghiassi, MD, FACS, FASMBS, Kurt Roberts, MD, FACS, FASMBS, Andrew J Duffy, MD, FACS, FASMBS; Yale University

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**V176 LAPAROSCOPIC ASSISTED RETROPERITONEAL NEORECTECTION**

Gillian Alex, MD; Sameer Gupta, MD; Benjamin Veenstra; Rush University Medical Center

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**V177 LAPAROSCOPIC SPLENOPEXY FOR WANDERING SPLEEN**

Sheridan A Morgan, MD; Ian C Glenn, MD; Oliver S Soldes, MD; Summa Health System (Akron, OH); *Akron Children's Hospital (Akron, OH)*

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**V178 EMERGENT LAPAROSCOPIC REPAIR OF DIAPHRAGMATIC HERNIA IN TRANSHIALATIAL ESOPHAGOGASTRECTOMY**

N Roberts, MD; S Allamaneni, MD, Surgical Oncologist; M Musielak, MD, General Surgeon; The Jewish Hospital

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**V179 LAPAROSCOPIC-ASSISTED PRIMARY REPAIR OF MORGAGNI HERNIA IN CHILDREN**

Ki Won Kim, MD; Francis Baccay, MD; Steven Borenstein, MD; Montefiore Medical Center

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**V180 LAPAROSCOPIC SIGMOIDECTOMY WITH TRANSANAL SPECIMEN EXTRACTION: STEP BY STEP**

Naroto Bonevaregd, MD; Punthita Aimsupanimit, MD; Panya Thaweepworadech, MD; Ittiphol Viratanapanu, MD; Dome Charoenthong, MD; Somkiat Ussavarojpong, MD; Supakit Chartchayariyek, MD; Chaiyaporn Suwitchakul, MD; BMA general hospital

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**V181 MESH EROSION INTO SIGMOID COLON POST TAPP - LAPAROSCOPIC MESH REMOVAL AND SIGMOID COLECTOMY**

C Palaniyivelu, MS, FACS, FRCSed, Dsc, S Rajiapandian, MS, FRCs, FASM, R Parthasarathi, MS, FAMS, P Senthilnathan, MS, FAMS, DNB, P Praveen Raj, MS, FAMS, Senthil Ganapathy, MS; GEM Hospital & Research Centre

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**V182 FLUORESCENCE-GUIDED URETHER IDENTIFICATION DURING ROBOTIC SIGMOID RESECTION**

Lindsay M Kranker, MD; Adam J Blau, MD; Albany Medical Center

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**V183 THE USE OF IMMUNOFLUORESCENCE IMAGING IN COLORECTAL SURGERY**

Andrea Petrucci, MD, Yuksel Altniel, Stephen D Wexner, MD; Cleveland Clinic Florida, Weston, FL

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**V184 CECAL VOLVULUS SECONDARY TO BLADDER SLING**

David Parizh, MS, DO; Vadim Meytes, DO, George S Ferzli, MD, FACS; NYU Lutheran Medical Center

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**V185 VIDEO PRESENTATION: RECTAL HETEROOTROPHIC GASTRIC MUCOSA**

Chaya Shwaartz, MD; Alexandra Argiroff, MD; Sanghyun A Kim, MD, FACS; Icahn School of Medicine at Mount Sinai

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**V186 COMBINED LAPAROSCOPIC AND ENDOSCOPIC REMOVAL OF A FOREIGN BODY AFTER ROUX-EN-Y GASTRIC BYPASS**

Michael P Meura, MD, MBA; David B Renton, MD, Andrei V Manilichuk, MD; Jennifer S Schwartz, MD; The Ohio State University Wexner Medical Center

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**V187 TECHNICAL CONSIDERATIONS FOR TRANSGASTRIC ERCP**

Justin A Dobie, MD; Yamsi V Ali, MD, Ann M Rogers, MD; Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

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**V188 SUPERIOR MESENTERIC ARTERY SYNDROME: ALTERNATIVE TREATMENTS IN SELECTED PATIENTS**

Robert A Grossman, MD; Fred Brody, MD, MBA; George Washington University

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**V189 TRANSHIATAL LAPAROSCOPIC TOTAL ESOPHAGECTOMY: A COMPLEX SURGERY EXPLAINED IN SIMPLE STEPS**

Christopher DuCoin, MD, MPH; Peter Lundberg, MD; Samantha Zeringue, MD, Clifton McGinness, MD; Tulane University

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**V190 ROBOTIC-ASSISTED EXTENDED HELLER MYOTOMY IN A PATIENT WITH SIGMOID ESOPHAGUS**

Federico J Serrot, MD, Nisha Dhanabalsamy, MD; Shawn Fu, MD, Iman Ghaderi, MD; Carlos Galvani, MD; University of Arizona

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**V191 ENDOSCOPIC TREATMENT OF PERSISTENT ESOPHAGO-PLEURAL FISTULA: COVERED ESOPHAGEAL STENT FAILURE DOES NOT MEAN THE END OF THE ROAD FOR ENDOSCOPIC TREATMENT**

Ashwin A Kurian, MD; Keerthi K Palli, MD; Sharata Ahmed, MD; Denver Esophageal and Stomach Center

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**V192 LAPAROSCOPIC LEFT HEPATECTOMY FOR EXTENSIVE HEPATOLITHIASIS**

Palaniselvam Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Parthasarathi, S Rajiapandian, P Praveen Raj, C Palaniyivelu; GEM Hospital & Research Centre

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**V193 LAPAROSCOPIC LATERAL PanCREATICOJEJUNOSTOMY FOR CHRONIC PanCREATITIS**

Palaniselvam Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, Dilip Gode, R Parthasarathi, S Rajiapandian, P Praveen Raj, C Palaniyivelu; GEM Hospital & Research Centre

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**V194 LAPAROSCOPIC ASSISTED RETROPERITONEAL DEBRIDEMENT OF THE MORBIDLY OBESE**

Cici Zhang, MD; Jonathan Wong, MD; Lenox Hill Hospital

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**V195 LAPAROSCOPIC CYSTGASTROSTOMY**

Mina Saeed, MD; Rami Lutfi, MD; Ivo Tzvetanov, MD; UIC-Metropolitan Group Hospitals Surgery Residency; University of Illinois at Chicago

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**V196 LIGAMENT OF TREITZ - IMAGES AND SURGICAL IMPLICATIONS DURING ROBOTIC WHIPPLE PROCEDURE**

Anusak Yiengpruksawat, MD; Anthony Pozzessere, MD; Jonas Mansson, MD; The Valley Hospital, Ridgewood, NJ

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**V197 LAPAROSCOPIC RESECTION OF HEPATIC ACCESSORY LOBE TORSION**

Shintaro Chiba, MD; Anthony Dellitturi, Ryan R Bird, Mohammad Hamshow, MD; Maryanne Ruggiero, MD; Herbert Wasserman, MD; Danny Sherwinter, MD, Winnick Aaron, MD; Maimonides Medical Center

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**V198 PURE LAPAROSCOPIC ANATOMICAL RESECTION UNDER ICG IMMUNOFLUORESCENCE GUIDANCE FOR HCC IN PATIENT WITH LIVER CIRRHOSIS**

Tan To Cheung; The University of Hong Kong

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**V199 LAPAROSCOPIC HEPATIC ADENOMA RESECTION WITH SEGMENTAL CLAMPING**

Jose Julio R Monteiro Filho, MD, FACS, MD; Paulo Jose M de Macedo, MD, FACS; Paulo Sergio S Reis Junior, MD, FACS; Joao Gustavo C Duarte, MD; Hospital Miguel Couto; Hospital Carlos Chagas; Hospital Rios Dor

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**V200 LAPAROSCOPIC LEFT HEPATECTOMY WITH MIDDLE HEPATIC VEIN DISSECTION AND PRESERVATION**

Jose Julio R Monteiro Filho, MD, FACS; Paulo Jose M de Macedo, MD, FACS; Paulo Sergio S Reis Junior, MD, FACS; Hospital Miguel Couto, Hospital Carlos Chagas; Hospital Rios Dor
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V201 LAPAROSCOPIC REVISION OF JEJUNOJEJUNOSTOMY FOR CHRONIC PAIN ASSOCIATED WITH RIGHT-SIDED ANTECOLIC BILIARY LIMB  
David Pechman, MD, MBA, Dan Cohen-Addad, MD, Nirav Desai, MD, Paul Thodyiyl, MD; Mount Sinai Beth Israel

V202 REVISION OF GASTRIC BAND TO SLEEVE GASTRECTOMY: TOTALLY ROBOTIC APPROACH  
Jeremy M Linson, MD, Michael Latzko, MD, Ziad Awad, MD, FACS, Bestoun Ahmed, MD, FRCS, FACS, FASMBS, University of Florida College of Medicine Jacksonville

V203 THE USE OF MINIMALLY INVASIVE SURGERY FOR EMERGENCY MANAGEMENT OF GASTRIC BAND EROSION: VIDEO PRESENTATION  
Hany Nada, Ahmed Hammad, Mohamed Sajid, Elizabeth Waters, James Duncan, ‘NHS Lanarkshire, ‘Guy’s ans St Thomas’s NHS Trust

V204 GASTROSCOPE AS ADJUNCT IN LAPAROSCOPIC BARIATRIC REVISION SURGERY-VERTICAL BANDED GASTROPLASTY TO ROUX-EN-Y GASTRIC BYPASS  
Saurabh Sharma, MBBS, MS, James McGinty, MD; IBMIS Mount Sinai St. Luke’s Hospital

V205 CHYLOUS ASCITES IN PATIENT WITH BP LIMB OBSTRUCTION FROM INTERNAL HERNIA  
Michael Mulcahy, MD, Linden A Karas, Philip Schauer, Ali Aminian; The Cleveland Clinic

V206 LAPAROSCOPIC SLEEVE GASTRECTOMY IN A PATIENT WITH SITUS INVERSUS TOTALIS  
Ryan K Lehmann, DO, Norbert L Richardson, MD; St. Alexius Hospital

V207 SLEEVEPLASTY  
Michael J Mullan, Colin D Botkin, Krista M Hardy, Ashley S Vergis; Victoria General Hospital

V208 RETAINED CLIP ALONG THE STAPLE LINE OF A SLEAVE GASTRECTOMY  
Victoria Bendersky, Harold Leraas, Megan Turner, MD, Alice Wang, MD, Nova Szoka, MD, Keri A Seymour, DO; Duke University, West Virginia University

V209 LAPAROSCOPIC TREATMENT OF BAND EROSION WITH MIGRATION TO PROXIMAL JEJUNUM  
Ryan K Lehmann, DO, Norbert L Richardson, MD; St. Alexius Hospital

V210 COMPLICATIONS OF BARIATRIC SURGERY DELAYED SPLENIC RUPTURE FOLLOWING LAPAROSCOPIC GASTROSTOMY TUBE PLACEMENT  
Nova Szoka, MD, Whitney Lane, MD, Daniel Gueron, MD, Shaina Eckhouse, MD, Chan Park, MD, Ranjan Sudan, MD, Jin Yoo, MD, Dana Portenier, MD, Keri Seymour, DO; West Virginia University, Duke University, Washington University

V211 LAPAROSCOPIC STRICTUROPLASTY FOR A SLEEVE STRUTURE  
Lisa Yang, MD, John J Kelly, MD, FACS, Pei-Wen Lin, MD; University of Massachusetts

V212 ROBOTIC-ASSISTED GASTRIC BAND REMOVAL OF A COMPLETE BAND EROSION  
Mario Masrur, MD, Pablo Quadri, MD, Luis Fernando Gonzalez-Ciccarelli, MD, Lisa Sanchez-Johnsen, PhD, Pier Giulianotti, MD, FACS; University of Illinois Hospital and Health Sciences System

V213 TECHNIQUE OF THE ESOPHAGO-GASTRIC ANASTOMOSIS FOR THE MINIMALLY INVASIVE IVOR-LEWIS ESOPHAGECTOMY  
Emanuele G. Asti, MD, FACS, Luigi Bonavina, MD, FACS; IRCCS Policlinico San Donato

V214 LEFT VIDEO ASSISTED THORACOSCOPIC RETROSTERNAL THYROIDECTOMY  
Muhammad Umair Bashir, MD, Leaque Ahmed, MD, Ali Safavi, MD, Anan Tawil, MD; Harlem Hospital Center

V215 LAPAROSCOPIC GASTROEPIPLOIC LYMHOVASCULAR PEDICLE HARVESTING FOR THE TREATMENT OF EXTREMITY LYMHEDEMA: A NOVEL TECHNIQUE  
Michael E Johnston, MS, Juan Socsas, MD, JoAnne L Hunter, MD, Eugene Ceppa, MD; Indiana University School of Medicine

V216 LAPAROSCOPIC D3 SEGMENTAL RESECTION WITH DUODENOJEJUNAL ANASTOMOSIS  
P Senthinathan, Anand Vijay, V P Nalankilli, G Srivatsan, Sandeep Sabnis, Dilip Gode, R Parthasarathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

V217 SMALL BOWEL OBSTRUCTION IN PATIENTS WITH A VIRGIN ABDOMEN: STRATEGY AND OUTCOMES OF THE LAPAROSCOPIC APPROACH IN THREE CLINICAL SCENARIS  
Andrew Brown, MD, Talar Tatarian, MD, Adam P Johnson, MD, Michael Jucci, MD, Francesco Palazza, MD; Thomas Jefferson University Hospital

V218 ROLE OF REAL TIME ICG ANGIOGRAPHY WITH FLUORESCENCE IMAGING IN ENDOSCOPIC THYROIDECTOMY  
Ajay H Bhandarwar, MS, Saurabh S Gandhi, MS, Chintan B Patel, MS, Amol N Wagh, MS, Eham L Arora, MS, Priyank D Kothari; Grant government medical college & Sir JJ. group of Hospitals, Mumbai, India
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Maureen O’Moore, MD, Katherine O’Gray, MD, Suraj Panjwani, MBBS, Aaron Burshtein, Joshua Burshtein, Thomas J Fahey III, Gregory Dakin, MD, Alfons Pomp, MD, Cheguevara Afaneh, MD, Rasa Zarzegar, MD; New York Presbyterian Hospital-Weill Cornell Medical Center

P002 PRELIMINARY RESULTS OF A SINGLE-BLINDED, PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPARING NON-FIXATING VS. SELF-FIXATING MESH FOR LAPAROSCOPIC INGUINAL HERNIA REPAIR  
Brandon Johnson, BA, Michelle Leong, BS, Kristine Kuchta, MS, Eliza Conaty, BS, Michael Ujjiki, MD, Woody Denham, MD, Stephen Haggerty, MD, JoAnn Carbray, BS, Nicolas Bonamici, BS, Matt Gitelis, BS, John Linn, MD; NorthShore University HealthSystem

P003 OUTCOMES OF LAPAROSCOPIC COLECTOMY IN YOUNGER AND OLDER PATIENTS  
Hemalkumar B Mehta, PhD; Deepak Adhikari, MS, Sneha D Sura, MS, Byron D Hughes, MD, MPH; Anthony J Senagore, MD, MS, MBA; University of Texas Medical Branch, University of Houston

P004 MORBIDITY FOLLOWING TRANSANAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER  
F. Borja DeLacy, MD, Jacqueline van Laarhoven, MD, Romina Penna, MD, Maria Clara Arroyave, MD, Maria Fernández-Hevia, MD, Raquel Bravo, MD, Antonio M. Lacy, MD, PhD; Hospital Clinic of Barcelona, Jeroen Bosch Ziekenhuis, Clinica Somer

P005 CONCORDANCE BETWEEN CROWD WORKERS AND FACULTY EXPERTS IN ASSESSMENT OF THE CRITICAL VIEW OF SAFETY IN LAPAROSCOPIC CHOLECYSTECTOMY USING CROWD-SOURCED ASSESSMENT OF TECHNICAL SKILLS  
Shanley B Deal, MD, Dimitrios Stefanidis, MD, PhD, FACS, FASMS; Robert D Fanelli, MD, MHA, FACS, FASGE; Marian P McDonald, MD, FACS; Dana Telem, MD, MPH; Michael Ujjiki, MD; L. Michael Brunt, MD; Adnan A Alseidi, MD, EdM, FACS; Virginia Mason Medical Center, Indiana University, The Guthrie Clinic, St. Luke’s University Health Network, University of Michigan, Northshore University Chicago, Washington University St. Louis

P006 EVALUATING THE IMPACT OF OPIOID-SPARING PAIN MANAGEMENT AGENTS IN LAPAROSCOPIC COLORECTAL SURGERY: RESULTS FROM A NATIONAL SAMPLE  
Deborah S Keller, MS, MD; Wissam Halabi, MD, Winston Chan, MD, Emily Saelder, MSN, RN, CRNI, James W Fleshman, MD, FACS, FASCRS, Walter Peters, MD, MBA, FACS, FASCRS; Baylor University Medical Center

P007 COLONIC ESD: IMPROVED OUTCOMES USING A DOUBLE BALLOON DEVICE COMPARED TO CONVENTIONAL CAP TECHNIQUE  
Sam Sharma, MD, Hitoshi Hara, MD, Miro Pree, MD, Jeffrey Milosom, MD, FACS; Weill Cornell Medical College

P008 DEVICE RELATED COMPLICATIONS OF GASTRIC ELECTRIC STIMULATION FREQUENTLY NECESSITATE RE-OPERATION  
Andrew T Strong, MD; Ivy N Haskins, MD; Matthew Davis, MD, Kevin El-Hayek, MD, Michael S Cline, DO; Matthew Kroh, MD; John H Rodriguez, MD; Department of Endoscopy, Dept of General Surgery, Cleveland Clinic, Department of Gastroenterology, Cleveland Clinic

P009 TAILORED APPROACH TO GASTROPARESIS SIGNIFICANTLY IMPROVES SYMPTOMS  
L E Arthur, MD; W S Richardsom; University of Queensland- Ochsner Clinical School, Ochsner Clinic Foundation

P010 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS IN VETERANS WITH BARRETTS ESOPHAGUS  
Gao L Chen, MD; Dan Eisenberg, MD, MS; Eric Kubat, MD; VA Palo Alto Health Care System, Stanford University School of Medicine

P011 PRIMARY CARE PHYSICIAN PERCEPTIONS OF BARIATRIC SURGERY AND MANAGEMENT OF MORBIDLY OBESE PATIENTS  
Derrick Wu, MA, Ambar Banerjee, MD, Annabelle Butler, MD, Jennifer Choi, MD, Don Selzer, MD, MS; Indiana University School of Medicine

P012 PREDICTORS OF IMPROVED PHYSICAL FUNCTIONING AFTER BARIATRIC SURGERY  
Eliza A Conaty, BS; Brittany Lapin, PhD; Stephen P Haggerty, MD; Woody Denham, MD, John G Linn, MD, Kristine Kuchta, MS; Zeeshan A Butt, PhD; Michael B Ujjiki, MD; NorthShore University HealthSystem, Northwestern University

P013 SLEEVE GASTRECTOMY – THE FIRST THREE YEARS: EVALUATION OF RE-OPERATION, EMERGENCY DEPARTMENT VISITS AND READMISSIONS FOR 14,080 PATIENTS IN THE STATE OF NEW YORK  
Maria S Altieri, Taher Gulamhusein, MD, Jie Yang, PhD, Andrew Bates, MD, Nabeel Obeid, MD, Ji Hyae Park, MS, Mark Talamini, Aurora Pryor; Stony Brook Medical Center

P014 MINIMALLY INVASIVE TRENDS IN COMMON GENERAL SURGERY PROCEDURES FROM 2007-2013: AN ANALYSIS OF THE NATIONAL INPATIENT SAMPLE  
Zhamak Khorgami, Carmen Ruiz, C. Anthony Howard, MD, Guido M Scabas, MD; Department of Surgery, The University of Oklahoma, College of Medicine, Tulsa, Oklahoma, USA

P015 MALE SURGEONS’ PERCEPTIONS OF FEMALE SURGEONS: IS THERE A BIAS AGAINST WOMEN IN SURGERY  
Sharona B Ross, MD, FACS, Carly E Waldman, BS, Keiyana D Morris, Darrell D Downs, BS, Alexander S Rosemurgy, MD, FACS; Florida Hospital Tampa

P016 FROM ABSTRACT TO PUBLICATION: FACTORS PREDICTIVE OF GASTROINTESTINAL AND ENDOSCOPIC SURGERY PUBLICATION SUCCESS  
Andrew C Berry, DO; Brooks D Cash, MD, Joel E Richter, MD, Kandace Kichler, MD, Bin Wang, PhD; Madhu Mulekar, PhD; Ashlyn S Morse, MA; Julia R Amundson, BS; Sajjad Ahmad, MD; Nikhil Agrawal, MBBS; Dipan Uppal, MBBS; Ankita Kapoor, MBBS; William O Richards, MD; Department of Medicine, University of South Alabama, Mobile, AL, USA, Department of Medicine, Division of Gastroenterology, University of South Alabama, Mobile, AL, USA, Department of Digestive Diseases and Nutrition, Joy McCann Culverhouse Center for Swallowing Disorders, University of South Florida Morsani College of Medicine, Tampa, FL, USA, Department of Surgery, University of Miami: Palm Beach Regional Campus, Atlantis, FL, USA, Department of Biostatistics, University of South Alabama, Mobile, AL, USA, University of Miami Miller School of Medicine, Miami, FL, USA, Maulana Azad Medical College, University of Delhi, New Delhi, 110002, India, Department of Surgery, University of South Alabama, Mobile, AL, USA

P017 VALUE OF PATIENT EDUCATION IN ENHANCED RECOVERY PROGRAM SATISFACTION  
Joanne Favuzza, DO; Christine Tung; Jennifer Poirier, PhD; Marc Brand, MD; Marc Singer, MD; Bruce Orkin, MD; Rush University Medical Center, Section of Colon and Rectal Surgery, Rush University Medical School, Rush University Medical Center, Department of General Surgery

P018 COMPARATIVE EFFECTIVENESS FOR VENTRAL HERNIA REPAIRS AMONG AN OBESE PATIENT POPULATION  
Chao Song, MPH; Emelline Liu, MSHS; Lizheng Shi, PhD; Daniel Marcus, MD; Intuitive Surgical, Tulane University, Marin Del Rey / Cedars Sinai Medical Center
MSSP01 LITIGATION PATTERNS IN INGUINAL HERNIA SURGERY: A 25 YEAR REVIEW C.t. Grayson, MD, MPH, Erik Criman, MD, Lindsay Cefalu, MD, Erik Roedel, MD, Christopher Yheulon, MD; Tripler Army Medical Center

MSSP02 INCIDENCE OF SURGICAL CANCERS DURING HUMANITARIAN RELIEF MISSIONS: AN ETHICAL DILEMMA Ryan J Schutt, LT, MC, USN, John Walsh, LT, MC, USN, Frank Zuehl, MD, Jason Brill, LCDR, MC, USN, Louis Rivera, CDR, MC, USN, Romeo Ignacio, CAPT, MC, USN; Naval Medical Center San Diego

MSSP03 DO SURGEONS SAFELY USE SURGICAL ENERGY? TESTING AT A MILITARY MEDICAL CENTER Ally Ha, MD, Erik Criman, MD, Carly Richards, MD, Robert B Lim, MD; Tripler Army Medical Center

MSSP04 Withdrawn

MSSP05 THE COST OF LARGE SCALE HUMANITARIAN MISSIONS ON SURGICAL SERVICES AT MILITARY TREATMENT FACILITIES James D Wallace, MD, Jason B Brill, MD, Paul R Lewis, DO, Matthew S Christman, MD, Eamon B O’Reilly, MD, Marion C Henry, MD, Romeo C Ignacio, MD; Naval Medical Center San Diego (NMCSD)

MSSP06 SERUM LACTATE PREDICTS RESOURCE UTILIZATION, BUT NOT SURGICAL NEED, IN THE EMERGENCY DEPARTMENT SETTING Kelli Ishihara, MD, C.t. Grayson, MD, MPH, Carly Richards, MD, MPH, Michael Lustik, MS, Christopher Yheulon, MD; Tripler Army Medical Center
P019 RANDOMIZED TRIAL TO EVALUATE SYSTEMIC INFLAMMATORY RESPONSE AFTER LAPAROSCOPIC TOTAL EXTRAPEITONEAL REPAIR (TEP) AND LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL (TAPP) REPAIR FOR INGUINAL HERNIA: Gyan Saurabh, MS, Vipul Dogra, MS, Manoj Andley, MS, Ajay Kumar, MS, MCh, Ashok Kumar, MS, Sudipta Saha, MS, Rahul Pusuluri, MS, Nikhil Talwar, MS, Amita Yadav, MD; LADY HARDINGE MEDICAL COLLEGE, NEW DELHI

P020 CLINICAL AND ECONOMIC VALUES OF OUTPATIENT MIGRATION OF ELECTIVE VENTRAL hernia repairs among obese patients Chao Song, MPH1, Emeline Liu, MSHS1, Lizheng Shi, PhD1, Daniel Marcus, MD1; 1Intuitive Surgical, 1Tulane University, 1Marina Del Rey / Cedars Sinai Medical Center

P021 FUNCTIONAL 3DVR IMAGING OF ABDOMINAL WALL HERNIAS Omar Rodriguez-Acevedo, MBBS1; John W Read, FRANZCR1, Kristen E Elstner, MBBS, MS1, Nabeel Ibrahim, FRACS, FACS2; 1Macquarie University Hospital, Sydney, Australia, 2Hernia Institute Australia, Edgecliff, Australia

P022 IS LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL HERNIA REPAIR (TAPP) MORE INVASIVE THAN ANTERIOR OPEN APPROACH? Takaaki Tsushima, Kazuhiro Oka; Yamaguchi-chen Saimai Shimonoseki General Hospital

P023 ACUTE POSTOPERATIVE STRANGULATED VENTRAL HERNIA AFTER A VIDEO ASSISTED LOBECTOMY Alexander Ramirez, MD, FACS1, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS2, 1Tallahassee Memorial Hospital / Florida State University, 2Cleveland Clinic Florida

P024 A 3MM NEEDLESCOPIC INGUINAL HERNIA REPAIR AIMING AT DAY SURGERY CENTER. Minoru Matsuda, MD, Atsushi Kawasaki, MD, Jun Okamura, MD, Tomoshige Shigyo, MD; Kagurazaka D.S. Mai Clinic

P025 ROBOTIC-ASSISTED VERSUS LAPAROSCOPIC & OPEN VENTRAL HERNIA REPAIR; OUTCOMES COMPARISON BASED ON NATIONAL INPATIENT SAMPLE (NIS) DATABASE. Ammar F Eljack, MD, Arun Kumar Baskara, MD, Samer Alharthi, WeiKai Qu, MD, PhD, Munir Nazmal, MD; University of Toledo

P026 OUR EXPERIENCE WITH LAPAROSCOPIC REPAIR OF GROIN HERNIA IN FEMALES IN AN ASIAN COHORT. Hrishikesh P Salgaoankar, Dr, Sujith Wijeratne, Ewa Clara S Lourdes, Jerry Goo T Thye, Cheah W Keat, Prof, Davide Lomanto, Prof; NATIONAL UNIVERSITY HOSPITAL SINGAPORE

P027 MIDLINE VERSUS TRANSVERSE SPECIMEN EXTRACTION INCISION FOR LAPAROSCOPIC COLECTOMY: SHORT-TERM OUTCOMES OF A RANDOMIZED-CONTROLLED TRIAL. Raoul A Droeger, MD, Warenence Lee, MD, PhD, Peppa Kavea, MSc, Sendor Liberman, MD, Barry Stein, MD, Gerald M Fried, MD, Liane S Feldman, MD; Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre

P028 INGUINAL HERNIA REPAIR: EXPERIENCE WITH TOTAL EXTRA PERITONEAL (TEP) TECHNIQUE USING A SELF-FIXATION MESH. Ricardo Nasser, MD, Felipe Giron, MD, Juan D Linares, MD, Erika Torres, MD, Cynthia Fuentes, MD, Natan Zundel1, Juan D Hernandez, MD1; 1Hospital Universitario Fundacion Santa Fe de Bogota, 2Florida International University School of Medicine

P029 SHORT-TERM OUTCOMES OF OPEN AND ROBOTIC ABDOMINAL WALL RECONSTRUCTION WITH POSTERIOR COMPONENT SEPARATION: A MATCHED COHORT ANALYSIS. Sameer Alrefai, MD, Micaah Mabe, BS, Michelle Vy, James G Bittner IV, MD; Virginia Commonwealth University

P030 INCIDENCE OF VENTRAL HERNIA REPAIR FOLLOWING OPEN ABDOMINAL AORTIC ANEURYSM AND OPEN AORTO-FEMORAL OR ILLIAC BYPASS SURGERY: AN ANALYSIS OF 17,594 PATIENTS IN THE STATE OF NEW YORK. Maria S Attie1, Jie Yang, PhD1, Angelina Voronina, MS1, Tyler Jones, MS1, Andrew Bates, MD1, Mengru Zhang, MS1, Mark Talamini, MD1, Angela Kokossis, MD1, Aurora Pryor, MD1; 1Stony Brook Medical Center, 2New York Institute of Technology College of Osteopathic Medicine

P031 LAPAROSCOPIC INTRAPERITONEAL ONLAY MESH TECHNIQUE WITH ENDOSCOPIC COMPONENT SEPARATION METHOD. Takeshi Aoki, Tomoya Abe, Hirofumi lmo, Hideaki Karasawa, Masaharu Ishida, Katsu yoshi Kudo, Naoki Tanaka, Munenori Nagao, Kazuhiro Watanabe, Shinobu Ohnuma, Takanori Morikawa, Hiroaki Musha, Fuyuhiko Motoi, Takeshi Naitoh, Michiaki Unno; Tohoku University Graduate School of Medicine

P032 MESH FIXATION USING N-BUTYL CYANOACRYLATE GLUE IN LAPAROSCOPIC TEP HERNIOPLASTY. Kalpesh Jani, MS, FN: SIGMA

P033 TREATMENT OF TYPE III AND IV DIAPHRAGMATIC HERNIA WITH NO MORTALITY AND LOW MORBIDITY USING A LAPAROSCOPIC APPROACH. Yongsae Baik, MD, Matthew Mullenn, MD, Hunter Mehaffey, P hewallod, MD, Bruce Schirmer, MD; University of Virginia Health System

P034 DETECTION OF OCCULT HERNIAS DURING LAPAROSCOPIC INGUINAL HERNIA REPAIR: A PROSPECTIVE STUDY IN AN ASIAN COHORT. Hrishikesh P Salgaoankar, Dr, Sujith Wijeratne, Dr, Lynette Mee Ann Loo, Dr, Davide Lomanto, Prof; NATIONAL UNIVERSITY HOSPITAL SINGAPORE

P035 COMPLEX AND INFECTED VENTRAL HERNIA REPAIR USING P 4 (POLY-4-HYDROXYBUTYRATE) MESHES. EARLY RESULTS. T S Auer, Prof, J Pfeifer, Prof, J Waha, MD; University of Graz, Austria, Dept of Surgery

P036 BOTULINUM TOXIN A (BTA) ASSESSMENT AND DURATION OF EFFECT IN THE LATERAL OBLIQUE MUSCLES RELEVANT TO COMPLEX VENTRAL HERNIA SURGERY. Rodrigo Tomazini Martin, MD, John Read1, Christian Skulina2, Dominic Rowe3, Kristen Elstner4, Fernando Arduini1, Nabeel Ibrahim1, 1Macquarie University Hospital, 2Radiology department, Sydney, Australia, 3Macquarie University Hospital, 4Neurology department, Sydney, Australia, 5Hernia Centre, Edgelliff, Sydney, Australia, 6Macquarie University Hospital, Surgery department, Sydney, Australia

P037 REPAIR OF GIANT COMPLICATED VENTRAL HERNIAS WITH COMPONENT SEPARATION TECHNIQUE IN CONJUNCTION WITH BIOLOGICAL AND SYNTHETIC MESH. Mohammad Saqib Siddiqui, MD1, Tim Lollens, MD1, Muna Baslai, MD1, Bassam Altalhi, MD1; 1King Fahd Hospital Jeddah, Saudi Arabia, 2Imelda Hospital, Bonheiden, Belgium, 3King Fahd Armed Forces Hospital Jeddah, Saudi Arabia

P038 HOW TO DISSECT THE PERITONEUM EASILY ABOUT LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL INGUINAL HERNIA REPAIR? A MODIFIED TUMESCENT TAPP. Michiko Kitagawa, MD, Akiko Umezawa, MD, PhD, Kohei Uno, MD, Kotaro Wakamatsu, MD, Yosuke Seki, MD, PhD, Kazunori Kasama, MD, FACS, Yoshimichi Kurokawa, MD, PhD; Yotuya Medical Cube

P039 TOTAL MANAGEMENT OF COMPLEX VENTRAL HERNIA 1: PREOPERATIVE PATIENT PREPARATION. Kristen E Elstner, MBBS, MS1, John W Read, FRANZCR1, Peter H Cosman, FRACS2, Anita Jacombs, MBBS, PhD1, Omar Rodriguez-Acevedo, MBBS1, Nabeel Ibrahim, FRACS, FACS2, 1Hernia Institute Australia, Edgecliff, Australia, 2Macquarie University Hospital, Sydney, Australia

P040 LAPAROSCOPIC INGUINAL HERNIA REPAIR IN THE ELDERLY: A SINGLE CENTRE INSTITUTIONAL EXPERIENCE IN AN ASIAN COHORT. Hrishikesh P Salgaoankar, Sujith Wijeratne, Davide Lomanto; NATIONAL UNIVERSITY HOSPITAL SINGAPORE

P041 ROBOTIC APPROACH IN RECURRENT LAPAROSCOPIC INGUINAL HERNIAS. INITIAL EXPERIENCE. Sérgio Roll, MD, Paulo Henrique Fogaça Barros, MD, Iron Pires Abreu, MD, Bruno de Lucca Hernani, MD, Pedro Henrique de Freitas Amaral, MD, Rodrigo Altenfelder Silva, MD, Oswaldo Cruz German Hospital

P042 SURGICAL STRATEGIES AND CLINICAL OUTCOMES OF THE TENSION-FREE REPAIR USING SELF-FIXATING MESH FOR INGUINAL HERNIA. Norihito Wada, MD, PhD, FACS, Toshiharu Furukawa, MBA, MD, PhD, Yuko Kitagawa, MD, PhD, FACS; Keio University School of Medicine
Posters

P043 COMPARISON OF LAPAROSCOPIC TOTAL EXTRA PERITONEAL (TEP) TECHNIQUES VERSUS TRANSABDOMINAL PREPERITONEAL (TAPP) TECHNIQUE FOR INGUINAL HERNIA REPAIR
Tara Nawaz, MBBS, FCPS; Rawalpindi Medical College Rawalpindi Pakistan

P044 ENDOSCOPIC SINGLE PORT ANTERIOR COMPONENT SEPARATION FOR COMPLEX VENTRAL HERNIA REPAIR
Kristen E Elstner, MBBS, MS1; Omar Rodriguez-Acevedo, MBBS, John W Read, FRANZCR2; Anita Jacombs, MBBS, PhD1; Rodrigo Martins, MD1; Fernando Arduini, MD1; Nabeel Ibrahim, FRACS, FACS1; 1Hernia Institute Australia, Edgcliff, Australia, 2Macquarie University Hospital, Sydney, Australia

P045 SHORT-TERM OUTCOMES OF SINGLE-INCISION TOTAL EXTRAPERITONEAL INGUINAL HERNIA REPAIR: OUR INITIAL 26 CASES
Masaki Wakasugi, Naoto Tsujiyama, Yuiiro Nakahara, Takashi Matsumoto, Hiroyoshi Takemoto, Ko Takachi, Kiyonori Nishioka, Satoshi Oshima; Kinki Central Hospital

P046 LAPAROSCOPIC COMPONENT SEPARATION FOR COMPLEX VENTRAL HERNIA REPAIR – A SINGLE SURGEON EXPERIENCE
David S Strosberg1, Sara E Martin del Campo2, Katherine Bingham2, Andrei Manilchuk3; 1The Ohio State University Wexner Medical Center, 2Case Western Reserve University

P047 EARLY RESULTS OF ROBOTIC TRANS-ABDOMINAL PREPERITONEAL (RTAPP) IN VENTRAL HERNIA REPAIR
Omar Y Kudsi, MD, MBA, FACS1; Georgios Orthopoulos, MD, PhD2; Partha Bhurtel, MD2; Jigesh Shah, DO2; 1Tufts University School of Medicine, Good Samaritan Medical Center, 2Tufts University School of Medicine, Saint Elizabeth Medical Ceter

P048 ROBOTIC ASSISTED VENTRAL/UMBILICAL/INCISIONAL HERNIA REPAIR WITH MESH COMBINED WITH IMMEDIATE COMPOUND COMPONENT SEPARATION ALLOWS FOR IMMEDIATE INTERVENTION AND REDUCED COMPLICATIONS IN OBSESE PATIENTS
Rodolfo Oviedo, MD, FACS, Jarrod Robertson; Florida State University College of Medicine

P049 VENTRAL HERNIA ASSOCIATED TO DIABETIS RECTI: LAPAROSCOPIC APPROACH
Martin Galvarini, Maria Elena Peña, Jose Alvarez Gallesio, Francisco Schlottmann, Emmanuel Ezequiel Sadava; Hospital aleman de buenos aires

P050 TRANSABDOMINAL PREPERITONEAL (TAPP) INGUINAL HERNIA REPAIR USING A VERTICAL PERITONEAL FLAP
Hugo Bonatti; University of Maryand Community Medical Group Surgical Care

P051 IMPACT OF DIFFERENT MEASURES OF ABDOMINAL WALL HERNIA DEFECT SIZE ON MESH SELECTION
Deepa V Cherla, MD, BS, Julie L Holihan, MD, MS, BS, Lillian S Kao, MD, MS, Tien C Ko, MD, BS, Mike K Liang, MD, MS, BA; The University of Texas Health Science Center at Houston

P052 MINILAPAROSCOPIC APPROACH FOR TRANS-ABDOMINAL PREPERITONEAL INCARCERATED OBTURATOR HERNIA REPAIR
Yoshiyuki Kawakami, MD, PhD1; Hidenori Fujii, MD, PhD, Ruyhei Ohnishi, MD, Makoto Yoshida, MD, PhD, Hidemaro Yoshida, MD, PhD, Koji Doi, MD, PhD, Toshiharu Aotake, MD, PhD, Fumie Tanaka, MD, Yuki Hirose, MD, PhD; Japanese Red Cross Fukui Hospital

P053 A FEASIBLE APPROACH FOR INDIRECT INGUINAL HERNIA SAC IN TOTALY EXTRA-PERITONEAL (TEP) LAPAROSCOPIC HERNIA REPAIR
Hayashi Nobuyasu, PhD; Kinan Hospital

P054 THE IMPACT OF INTRAOPERATIVE FACTORS AND WOUND COMPLICATIONS ON OUTPATIENT RESOURCE UTILIZATION FOLLOWING VENTRAL AND INCISIONAL HERNIA REPAIR
Sara E Johnson, BS, Marqaret A Plymale, DNP, RN; Daniel L Davenport, PhD, Vashisth V Madabhushi, MD, Charlie S Tancula, John S Roth, MD; University of Kentucky

P055 TOTAL MANAGEMENT OF COMPLEX VENTRAL HERNIA 3: OPERATIVE REPAIR OF THE COMPLEX VENTRAL HERNIA
Kristen E Elstner, MBBS, MS1; John W Read, FRANZCR2; Peter H Cosman, FRACS2; Anita Jacombs, MBBS, PhD1; Omar Rodriguez-Acevedo, MBBS1; Nabeel Ibrahim, FRACS, FACS1; 1Hernia Institute Australia, Edgcliff, Australia, 2Macquarie University Hospital, Sydney, Australia

P056 A COMPARISON OF EXTERNAL OBILIQUE RELEASE AND RETRORECTUS HERNIA REPAIR IN COMPLEX ABDOMINAL WALL RECONSTRUCTION
David Foulad, MD, Brice Jabo, MD, MHP, Stephanie Keeth, MSN, Daniel Srikureja, MD, Keith Scharf, DO, FACS, Marcos Michelotti, MD, FACS, Esther Wu, MD; Loma Linda University Health, Division of General Surgery, Loma Linda CA

P057 CONTRIBUTION OF LAPAROSCOPY IN THE TREATMENT OF INGUINAL HERNIAS IN THE MILITARY: ABOUT 100 CASES
Zatir Soufane, Koudjeti Rachid; military university hospital of oran

P058 TEP VS TAPP REPAIR OF GROIN HERNIA- EXPERIENCE OF OVER 1000 CASES AT A TERTIARY CARE CENTRE
Krishna Asuri, MS, Bansal Vinrider, MS, Misra Mahesh, MS; all india institute of medical sciences

P059 AMBULATORY ROBOTIC VENTRAL HERNIA REPAIR IN MORBIDLY OBESE PATIENTS USING COMPLETELY BIO-RESORBABLE MESH, A MIS FELLOW’S EXPERIENCE WITH THE FIRST 100 CASES
Ibrahim Azer, MD, Thomas Shaknovsky, DO, Frederick Sabido, MD, FACS; Richmond university medical center_staten island ,New York

P060 SINGLE INCISION LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL MESH HERNIOPLASTY FOR INGUINAL HERNIA IN 250 JAPANESE PATIENTS.
Kazu Tanoue, MD, PhD, FACS, Hidenobu Okino, MD, PhD, Masamitsu Kanazawa, MD, PhD, Kiichiro Ueno, MD, PhD; Ueno Hospital

P061 LAPAROSCOPIC SUPPURATIVE APPENDECTOMY IN AMYAND’S HERNIA
Bachar Raad, MD, FACS, Firas Eddin Al Kistawi, Nisma Mattar; Royal Commission Medical Center

P062 FEASIBILITY AND REPRODUCIBILITY OF ROBOTIC RETROMUSCULAR VENTRAL HERNIA (RRVH) REPAIR
Omar Y Kudsi, MD, MBA, FACS1; Partha Bhurtel, MD2; Georgios Orthopoulos, MD, PhD2; Jigesh Shah, DO2; 1Tufts University School of Medicine, Good Samaritan Medical Center, 2Tufts University School of Medicine, Saint Elizabeth Medical Ceter

P063 LAPAROSCOPIC PROCEDURES IN PATIENTS WITH CARDIAC VENTRAL ASSIST DEVICES
Yalini Vigneswaran, MD, Victoria Wang, Vivek Prachand, MD, John Alverdy, MD, Stephen Wyers, MD, Colleen Jurieck, RN, Nir Uriel, MD, Mustafa Hussain, MD; University of Chicago

P064 MANAGEMENT OF CAUSTIC INJURIES
mohamed Aboulkacem, Bourquiba, MD, Faten Soual, MD, Alaeddine Khemir, Marwa Gharbi, Yassine Ben Safa, Sofiene Sayari, Mounir Ben Moussa; Charles Nicolle hospital tunisie tunisia

P065 LAPAROSCOPIC COLONIC RESECTION AND STOMA FOR COLONIC PERFORATION
Seichiro Yamamoto, Tosio Kanai, Kikuo Yo, Tomotaka Akatsu, Kiminori Takano, Taku Fujii, Mai Tsutsui, Yoosuke Kobayashi, Yasushi Kaneko, Ryo Kaneko; Hiratsuka City Hospital

P066 COMPARISON OF OUTCOMES OF INTERVAL AND EMERGENCY SURGICAL MANAGEMENT FOR APPENDICITIS WITH ABSCES
Tadashi Hiruch, Natsuya Katada, Ryohel Watanabe, Asako Takahashi, Sayaka Naga, Emiko Takedashita, Toshiyuki Enomoto, Koji Asai, Yoichi Nakamura, Manabu Watanabe, Yoshihisa Saida, Shinya Kusachi; Department of Surgery, Toho university Ohashi Medical Center

P067 A NEW MODALITY: PRACTICAL IN USE, PREDICTING THE OVERALL MORTIDITY AND MORTALITY OF FEPTIC ULCUS PERFORATION (PUP): A RETROSPECTIVE STUDY
Mehmet Ilhan, Erin Sömmn, Talip Baytasl, Ali Fuat Kaan Gök, Hakam Yanar, Kayihan Gönay, Recep Gülö2, Èm, Cemalettin Ertokin; Department of General Surgery, İstanbul University İstanbul Medical Faculty

P068 OUR FIRST 20 CASES OF GANGRENOUS LAPAROSCOPIC APPENDICOTOMY IN MAURITIUS
Pravish Rai Sookha, MD, PhD, D Luchmun, MD, PhD; Clinique du Nord

P069 DELAYED PNEUMOTHORAX FOLLOWING LAPAROSCOPIC APPENDICOTOMY
Anil Khetarpal, DR KHETARPAL HOSPITAL, BALI NAGAR, NEW DELHI, INDIA
P070 THE COMBINATION OF FINDINGS ON ABDOMINAL COMPUTED TOMOGRAPHY IS HELPFUL TO PREDICT THE SITE OF GASTROINTESTINAL PERFORATION Takayuki Kondo, Takashi Oishi, Yuki Miyoshi, Yuichi Nishihara, Yoshiaki Kagawuchi, Jo Tokuyama, Koji Osumi, Hidejiro Urakami, Shioko Seki, Tetsu Matsui, Yo Isobe, Sumio Matsumoto. Tokyo Medical Center

P071 RISK FACTORS FOR INTRA-ABDOMINAL ABSCESS FOLLOWING APPENDECTOMY Jonathan Imam, MD, Tarik Madni, MD, Audra Clark, MD, Madhu Subramanian, MD, Michael Cripps, MD, Ali El Mokdad, MD, Christian T Minshall, MD, PhD; University Of Texas Southwestern Medical Center

P072 PARTIAL SPLENECTOMY IN THE MANAGEMENT OF BLUNT SPLENIC TRAUMA Hamdy S Abd Alla, PhD: Faculty of medicine, Tanta university Hospital

P073 TREATMENT OF THE APPENDICEAL ABSCESSES IN CHILDREN-ONE INSTITUTION’S EXPERIENCE Francine D Breckler, PharmD, Aaron D Seims, MD1, Charles M Leys, MD, William Fadel, MS2, Frederick J Rescorla, MD1; ‘Riley Hospital for Children, ‘University of Wisconsin School of Medicine and Public Health, Madison Wisconsin, ‘Department of Biostatistics, Indiana University RM Fairbanks School of Public Health

P074 DIAGNOSTIC AND PROGNOSTIC VALUE OF CIRCULATING TUMOR DNA IN GASTRIC CANCER: A META-ANALYSIS Yunhe Gao, Kecheng Zhang, Hongqing Xi, Aiwen Cai, Xiaosong Wu, Jianxin Cui, Jiyang Li, Zhi Qiao, Bo Wei, Lin Chen; Chinese People’s Liberation Army of General Hospital

P075 HYALURONIC ACID IN THE PREVENTION OF POSTOPERATIVE ABDOMINAL ADHESION Flamur Mustafa, MD, MSc, FRCSC, MD1, Frans E. H. E. Sprangers, PhD, FRCSC, MS2; ‘1Department of Surgery, University of Toronto, St. Michael’s Hospital and Mount Sinai Hospital, ‘2Department of Surgery, University of British Columbia

P076 LONG NON-CODING RNA AFAP1-AS1 PROMOTES THE PROLIFERATION, MIGRATION AND INVASION OF GASTRIC CANCER CELLS AND IS ASSOCIATED WITH PATIENTS’ POOR SURVIVAL Huazhou Zhao1, Ting Wang1, Kecheng Zhang1, Jianxin Cui1, Hongqing Xi1, Bo Wei1, Yi Wang1, Xudong Zhao1, Yanjing Li1, Ting Wang1, Lin Chen1; Chinese People’s Liberation Army of General Hospital

P077 THE SYSTEMIC EFFECT AND THE ABSORPTION RATE OF AEROZOLIZED INTRA-PERITONEAL HEPARIN WITH OR WITHOUT HYALURONIC ACID IN THE PREVENTION OF POSTOPERATIVE ABDOMINAL ADHESION Ahmed Almamary, MD, MSc, FRCSC, Nawar Alkhamesi, MD, PhD, FRCSC, FRCEd, FRCSC, Christopher M Schlacht, BSc, MDCM, FRCS, FAC, Western University and Canadian Surgical Technologies and Advanced Robotics (CSTAR), London, Canada

P078 GRAM-NEGATIVE BACTERIAL INFECTION ENHANCES THE POTENTIAL OF GASTRIC ADENOCARCINOMA PERITONEAL METASTASIS VIA TNFR1 DEPENDENT MANNER Malak Alzahrani, MD, MSc, Rafael Kayano, Betty Giannias, France Bourdeau, Roni Rayes, Lorenzo Ferri, MD, PhD; McGill University

P080 FUNDAMENTAL PRINCIPLES OF ANCIENT INDIAN SURGERY WITH A SPECIAL EMPHASIS ON PLASTIC SURGERY A REVIEW OF SUSRUTA SAMHITA (800 BC) Bhaskar Rao, PhD1, Harsha vardhan Appaji K, MD1, Vasiitha Martha, MBBS2; ‘1SV ARYUVEDIC MDICAL COLLEGE, ‘2PE S Institute of medical sciences and Research

P081 SHOULD ELECTROCAUTERY BE USED FOR HEMOSTASIS OF SLEEVE GASTRECTOMY STAPLE LINE OR NOT? THIS STUDY CONCERNS HISTOLOGICAL ALTERATION OF A GASTRIC WALL AFTER ELECTROCAUTERIZATION ON STAPLE LINE. Jakrapan Wittayaapairoch, MD1, Sakkran Sangkhmanamon, MD1, Narong Boonyagard, MD1, Rapheephat Tanomphetsanga, MD1, Kongpon Tangpanitandee, MD1, Krit Kitisin, MD1, Suppa-ut Pungpapong, MD1, Chadin Tharavej, MD1, Patpong Navicharam, MD1, Suphep Udomsawaengsup, MD1; Department of Surgery, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, ‘2Department of Pathology, Faculty of Medicine, Khon Kaen University, Khon Kaen, Thailand, ‘3Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand.

P082 SHIKONIN INDUCES MITOCHONDRIA-MEDIATED APOPTOSIS AND ENHANCES CHEMOTHERAPEUTIC SENSITIVITY OF GASTRIC CANCER THROUGH REACTIVE OXYGEN SPECIES Wenquan Liang, Aiwen Cai, Hongqing Xi, Guozhu Chen, Xiaosong Wu, Jianxin Cui, Kecheng Zhang, Xudong Zhao, Jiyun Yu, Bo Wei, Lin Chen; Chinese People’s Liberation Army of General Hospital

P083 INFLAMMATORY MEDiators AND SIGNALLING CASCADES IN PATHOPHYSIOLOGY OF OBESITY INDUCED INSULIN RESISTANCE Saravanan Subramanian, PhD, Turna Mukherjee, Pradeep K Pallati, MD, Poonam Sharma, MD, Devendra Agrawal, PhD, Kalyana C Nanipati, MD; Creighton University School of Medicine

P084 ANATOMIC FEASIBILITY OF PERCUTANEOUS OR ENDOSCOPIC CHOLECYSTO-ENTERIC FISTULA CREATION AND STENT INSERTION IN ACUTE CHOLECYSTITIS Rebecca Zener, MD1, Lee Swanson, MD2, Eran Shlomovitz, MD1; ‘1University of Toronto Joint Department of Medical Imaging, ‘2Institute of Image Guided Surgery, Strasbourg, France, ‘3University of Toronto Joint Department of Medical Imaging and Department of Surgery

P085 PATTERN AND OUT COMES OF CHOLECYSTECTOMY IN THE FIRST THREE YEARS OF INTRODUCTION OF LAPAROSCOPIC CHOLECYSTECTOMY IN SAINT PAUL HOSPITAL MILLENIUM MEDICAL COLLAB, ADDIS ABABA, ETHIOPIA Hana Gebreselasie, MD, Surgery Resident, Mahmete Bekele, MD, Assistant Professor of Surgery, St. Paul Hospital Millennium Medical Collage

P086 GALLSTONES AND REFLUX DISEASE – MORE FREQUENTLY ASSOCIATED THAN WE THOUGHT? Seejuen J Lee, MD, MPH, Ping Pan, MD, Phillip L Leggett, MD; UT Health

P087 CHOLECYSTECTOMIES: A COMPARISON OF THE ACUTE CARE VERSUS NON-ACUTE CARE SURGERY EXPERIENCE Sara E Martin del Campo, MD, MS, David S Strosberg, MD, MS, Andrew J Suzo, BS, CCRP, Rebecca R Dettorre, MA, CCRC, Sara A Mansfield, MD, MS, Jeffrey W Hayze, MD, Bradley J Needleman, MD; The Ohio State University Wexner Medical Center

P088 LAPAROSCOPIC RESECTION OF SOLID PSEUDOPAPILLARY TUMOUR OF THE PANCREAS: A CASE SERIES OF 19 CONSECUTIVE PATIENTS FROM A TERTIARY CARE INSTITUTE 1P Senthilnathan, R Parthasarathi, S Rajapandian, Anand Vijay, V P Nanakilli, Sandeep Sabnis, Kailash Chandra dhaker, C Palanivelu; GEM Hospital & Research Centre

P089 OUTCOMES OF LAPAROSCOPIC-ASSISTED ERCP AFTER ROUX-EN-Y GASTRIC BYPASS: SAFE AND EFFECTIVE FOR MANAGEMENT OF SPHINCTER OF ODDI DYSFUNCTION David May, DO, David M Parker, MD, Ellen D Vogels, DO, Daaron McField, MD, Anthony T Petrick, MD, Jon Gabrielsen, MD; Geisinger Medical Center

P090 WHEN TO OPERATE ON GALLBLadder POLyps IN CHINESE-AMERICANS Carmen F Fong1, Joanne Ling1, David Pechman2, Steven Cai, MD1; ‘1Mount Sinai Beth Israel, ‘2CUNY Medical School

P091 CLIPLESS LAPAROSCOPIC CHOLECYSTECTOMY: USEFULNESS OF CLINCH KNOT Nobuhiro Ito, PhD; Aoki Memorial Hospital

P092 EVALUATION AND COMPARISON OF GASTROINTESTINAL QUALITY OF LIFE FOLLOWING LAPAROSCOPIC CHOLECYSTECTOMY Ashwani Kumar, MS, Nitisht Arora, Bharti Arora, Ashish Sharma; GMC Patiala
P093 GAUZE SIGN: A NEW TECHNIQUE IN DIFFICULT LAPAROSCOPIC CHOLECYSTECTOMY CASES  Gretel B Puoz, MD; Michael Dennis I dela Paz, MD, Rafael Alexis Resurrection, MD, Carlos Ejercita, MD; Asian Hospital and Medical Center

P094 OUTCOMES OF LAPAROSCOPIC-ASSISTED ERCP AFTER ROUX-Y GASTRIC BYPASS: SAFE AND EFFECTIVE FOR MANAGEMENT OF SPHINCTER OF ODDBY DYSFUNCTION David May, MD; David M Parker, MD, Ellen D Vogels, DO, Daaron McField, MD, James Dove, Marcus Fluck, Anthony T Petrick, MD, Jon Gabrielsen, MD; Geisinger Medical Center

P095 BILIARY DYSKINESIA: A MYTH OR A REAL DISEASE ENTITY ONE SURGEON’S EXPERIENCE IN MID OHIO VALLEY: Emmanuel A Agaba, MD, Alyse McNeill, PAC, MSCPAS; Marietta Memorial Hospital, Marietta OH

P096 SINGLE INCISION LAPAROSCOPY SURGERY (SILS) CHOLECYSTECTOMY: HOW DO WE DO IT, CAN IT BE STANDARDIZED? Pravin R Sookha, MD, PhD; Clinique du Nord

P097 TEACHING CHOLANGIOGRAPHY IN GENERAL SURGERY RESIDENCY: A FIVE YEAR EXPERIENCE Julian Maendel, MD, William Hope, MD, Thomas Clancy, MD; New Hanover Regional Medical Center

P098 DO SURGEONS RECOGNIZE THE CRITICAL VIEW OF SAFETY DURING LAPAROSCOPIC CHOLECYSTECTOMIES?: A PILOT STUDY Mohammed H Al Mahroos, MD, FRCSC, Mohsen AlHashemi, MD, Amin Madani, PhD, Julio F Fiore Junior, PhD, Melina Vassiliou, MD, MED, FRCS, FACS, Gerald M Fried, MD, FRCS, FACS, Liane S Feldman, MD, FRSCS, FACS; Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, QC

P099 LAPAROSCOPIC CHOLEDOCHODUODENOSTOMY AS A RESCUE AND RELIABLE PROCEDURE FOR FAILED ERCP AND COMPLICATEDBILE DUCT STONES P Senthilnathan, R Parthasarathi, S Rajapandian, Anand Vijay, V P Nalanikkili, C Palanivelu; GEM Hospital & Research Centre

P100 AMBULATORY SINGLE PORT LAPAROSCOPIC CHOLECYSTECTOMY USING STANDARD LAPAROSCOPIC INSTRUMENTS Anibal Pimentel, MD; Hely Serrano, MD, Mariana Guererro, MD, Juan Uribe, MD; CLINICA CHICAMOCHA

P101 REDUCED-PORT LAPAROSCOPIC CHOLECYSTECTOMY WITH 3MM MINUTE-DIAMETER FORCEPS Shuichi Iwashashi, Mitsuo Shimada, Satoru Imura, Yui Morine, Tetsuya Ikemoto, Yu Saito, Masato Yoshikawa; Department of Surgery, Tokushima University

P102 ROLE OF STAGING LAPAROSCOPY IN PATIENTS UNDERGOINGPANCREATODUODENECTOMY Awaas A Malik, Muhammad I Ashraf, Raza Hasnain, Aamir A Syed, Faisal Hanif; Shaukat Khanum Memorial Cancer Hospital & Research Center

P103 MANOMETRIC MEASUREMENT OF THE SPHINCTER OF ODDBY IN PATIENTS WITH COMMON BILE DUCT STONES: A CONSECUTIVE STUDY OF THE HAN POPULATION OF CHINA Xiaoxing Chen, PhD; Yadong Feng, Jie Zhang, Hong Zhu, Shunfu Xu, Wenfang Cheng, Jinliang Ni, Bin Xiao; Department of Gastroenterology, First Affiliated Hospital with Nanjing Medical University, Department of Radiology, Xuzhou Central Hospital, Department of Pancreatic Centre, First Affiliated Hospital with Nanjing Medical University

P104 DISTANCE FROM A PORT TO A TARGET ORGAN AS A PREDICTIVE FACTOR FOR DIFFICULT CASES IN SINGLE-INCISION LAPAROSCOPIC CHOLECYSTECTOMY Masafumi Ohira, MD; Kazuaki Shibuya, MD; Kazuhiro Uemura, MD; Hiroaki Takahashi, MD; Naotake Honma, MD; Yoshikito Osaka, MD; Yoshio Ito, MD; Department of Surgery, National Hospital Organization Hokkaido Medical Center, Department of Thoracic Surgery, National Hospital Organization Hokkaido Medical Center

P105 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; 1Acibadem Kadikoy Hospital, General Surgery Department, 2Istanbul University, Cerrahpasa Medical School, General Surgery Department

P106 LAPAROSCOPIC BILE DUCT EXPLORATION IN THE MANAGEMENT OF CHOLEDOCHOLITHIASIS DURING PREGNANCY Frein Buckel, MD; Pablo Achurra, MD; Eduardo Viñuela, MD; Julian Varas, MD; Alfonso Diaz, MD; Rose Marie Mege, MD; Cristian Diaz, MD; Constanza Godoy, MD; Marcel Sanhueza, MD; Centro Asistencial Hospital Sotero del Rio. Pontificia Universidad Catolica de Chile

P107 EXPERIENCE WITH SINGLE-INCISION LAPAROSCOPIC CHOLECYSTECTOMY Nobumi Tagaya, PhD; Masashi Takada, MD, Shunya Miyazaki, MD, Mayuka Uchida, MD, Natsuki Yamaguchi, MD, Yuhei KakoKozi, MD, Yoshikiyo Matsunaga, MD, Kosuke Hirano, MD, Yoshitake Sugamata, PhD, Masatoshi Oya, PhD; Department of Surgery, Dokkyo Medical University Koshigaya Hospital

P108 IMPACT OF OBESITY ON SHORT-TERM OUTCOMES OF SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY Daisuke Azuma, MD, Masaki Fukunaga, Tetu Hukunaga, Kunihiro Nagakari, Yoshihito Iida, Seiichiro Yoshikawa, Goutaro Katsuno, Masakazu Ouchi, Yoshihori Hirasaki, Shintarou Kohama, Jun Nomoto; Department of Surgery, Juntendo Urayasu Hospital, Juntendo University

P109 Withdrawn

P110 LAPAROSCOPICALLY ASSISTED RETROGRADE CHOLEANGIOPANCREATOGRAPHY: LARGE SINGLE CENTER EXPERIENCE Andrew T Strong, MD; Matthew T Allemand, MD; S. Julie-Ann Lloyd, MD, PhD, Matthew Dong, MD, MPH; A. Daniel Guerren, MD; John H Rodriguez, MD; Jeffrey L Ponsky, MD; Matthew Kroh, MD; 1Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic, 2The Mount Sinai Hospital, Department of Surgery, 3Duke Center for Metabolic and Weight Loss Surgery

P111 COMPARATIVE STUDY ON ANTIBIOTIC VERSUS NO ANTIBIOTICS IN ELECTIVE LAPAROSCOPIC CHOLECYSTECTOMIES IN SOUTH INDIAN POPULATION Parimuthukumar Rajappa, MS, Prashanth Krishna, Aishwarya Venkatashakshi, Jayanth Leo, Vineeth Vishwanath; Sri Ramachandra University, Chennai, India

P112 SYMPTOMATIC HYPERKINETIC BILIARY DYSKINESIA: A PREDICTOR OF SUCCESSFUL OUTCOMES AFTER CHOLECYSTECTOMY Joseph C Melvin, MD; Erica Ibendahl, MD; Mark Perna, MD; Arthur L Rawlings, MD, MDiv; 1University of Missouri, 2Mercy Hospital Berryville, Arkansas

P113 PROSPECTIVE EVALUATION OF LOW INSUFFLATION PRESSURE CHOLECYSTECTOMY USING AN INSUFFLATION MANAGEMENT SYSTEM VERSUS STANDARD CO2 PNEUMOPERITONEUM Rashid Kkhia, MD; Kristie Price, Vamsi Alli, MD; Aurora Pryor, MD; Gerald Gracia; Jerry Rubano, MD; Jessica Schnur, Dana Telem, MD; 1Stony Brook Medicine, 2Penn State, 3University of Michigan

P114 LAPAROSCOPIC COMMON BILE DUCT EXPLORATION: TRANS-CYSTIC AND TRANS-CHOLEDOCHAL IN THE MANAGEMENT OF PATIENTS WITH CHOLEDOCHOLITHIASIS, Sergio Rojas-ortega, MD, Emina Pasic, MD, Gerardo Reed, MD, Anuar Flores-simon, Cris Gomez, RN, Rachid Cesin, MD; HOSPITAL ANGELES PUEBLA

P115 HEPATIC TERATOMA MASQUERADING AS A POST-DEPLOYMENT ECHINOCOCCAL CYST: A CASE REPORT AND LITERATURE REVIEW Tommy A Brown, CPT, MD; Chonna L Kendrick, MAJ, MD, Kelly A Hirasaki, MD; Sammc, 3University of Missouri, 2University of Cambridge, UK

P116 CAMPAIGN FOR GREATER SAFETY IN LAPAROSCOPIC CHOLECYSTECTOMY IN DENMARK. Jan Krzak, MD; Ane Beck Jensen Vingborg, MD; Ada Krzak; 1Department of Surgery, Herning Hospital, Denmark, 2Department of Surgery, Viborg Hospital, Denmark, 3University of Cambridge, UK

P117 THE MINIMUM INCISION FOR SINGLE PORT LAPAROSCOPIC CHOLECYSTECTOMY Noriaki Kameyama, PhD, Norihiro Kishida, MD, Satoshi Tabuchi, MD, Yuki Seo, PhD, Toshiki Yamashita, MD, Yoshinobu Akiyama, PhD; KKR Tachikawa Hospital
P148 UNUSUAL COMPLICATION OF ESOPHAGEAL STENTS; FRACTURE OF THE STENT AND PARTIAL STENT MIGRATION Mustafa Kalfaoglu, MD1; Tefvfk Ekcr, MD; Tarik Izbul, MD; Farnamia State Hospital, Dr. Burhan Nalbantoglu State Hospital

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P168 LAPAROSCOPIC REDUCTION OF SBO SECONDARY TO FITZ-HUGH-CURTIS Lindsay M Tse, DO, Elizabeth Verrico, DO, Christopher Kollar, DO, Maurizio Miglietta, DO; HackensackUMC Palisades

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P203 IS THERE AN OPTIMAL OPERATION TIME FOR ELECTIVE LAPAROSCOPIC COLECTOMY? Reza Fazl Alizadeh, MD, Sarath Sujatha-Bhaskar, MD, John V Gahagan, MD, Shiri Li, MD, PhD, Mehran D Jafari, MD, Joseph C Carmichael, MD, FAC, FACS, FASCNS, Alessio Pigazzi, MD, PhD, FACS, FASCNS, Michael J Stamos, MD, FACS, FASCNS; University of California,Irvine School of Medicine

P204 ACUTE HEMORRHAGIC RECTAL ULCER: AN EXPERIENCE IN AN URBAN EMERGENCY HOSPITAL Choichi Sugawa, MD, PhD, Mark Diebel, MD, Jennifer McLeod, MD, Andrew Hollenbeck, MD, Charles E Lucas, MD; Dept. of Surg. Wayne State University

P205 FEASIBILITY AND SAFETY OF LAPAROSCOPIC LATERAL PELVIC LYMPH NODE (LPLN) DISSECTION FOR LOCALLY RECURRENT RECTAL CANCER AND RISK FACTOR FOR RE-RECURRENT Momoko Ichihara, Masataka Ikeda, Mamoru Uemura, Masakazu Miyake, Takuji Hamakawa, Sakaed Maeda, Naoki Hama, Kanzuhiro Nishikado, Atsushi Miyamoto, Michihiko Miyazaki, Motohiro Hiroa, Shoji Nakamori, Mitsugu Sekimoto; National Hospital Organization Osaka National Hospital

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P207 LAPAROSCOPIC PROCEDURE AND SURGICAL OUTCOMES FOR TRANSVERSE COLON CANCER AT SPLENIC FLEXURE IN OUR INSTITUTE Kazuki Ueda, MD, Junichiro Kawamura, MD, Koji Daito, MD, Hokuto Ushijima, MD, Tadao Tokoro, MD, Yasumasa Yoshioka, MD, Jin-ichi Hida, MD, Haruhiko Imamoto, MD, Kiyotaka Okuno, MD; Kindai University Faculty of Medicine

P208 LAPAROSCOPIC SURGERY FOR RECTOSIGMOID CANCER: A CUSUM ANALYSIS Yanan Wang, PhD, Jumeng Li, MD, Tingyu Mou, PhD, Dong Liu, MD, Haijun Deng, PhD, Guoxin Li, PhD; Department of General Surgery, Nanfang Hospital, Southern Medical University

P209 INITIAL SINGLE INSTITUTIONAL EXPERIENCE OF ULTRA-LOW ANTERIOR RESECTION WITHOUT ROUTINE COVERING ILEOSTOMY C Palavinuelo, MS, FACS, FRCSd. D, S Rajapandian, MS, FRCS, R Parthasarathi, MS, FACS, Senthilnathan, MS, FACS, DNB, Senthil Ganapathy, MS, Manish Jain, MS; GEM Hospital & Research Centre

P210 LEARNING CURVE FOR SINGLE-INCISION PLUS ONE PORT LAPAROSCOPIC SURGERY FOR RECTOSIGMOID CANCER: A CUSUM ANALYSIS Yanan Wang, Ph.D, Jumeng Li, MD, Tingyu Mou, Ph.D, Dong Liu, MD, Haijun Deng, PhD, Guoxin Li, PhD; Department of General Surgery, Nanfang Hospital, Southern Medical University

P211 ANALYSIS OF TRENDS IN URETERAL STENT UTILIZATION FOR DIVERTICULITIS SURGERY Alexander Chiu, MD, Raymond Jean, MD, Kimberly Davis, MD, MBA, Kevin Pei, MD; Yale School of Medicine, Department of Surgery

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P213 RISK FACTORS FOR CONVERSION FROM LAPAROSCOPIC TO OPEN SURGERY IN COLON CARCINOMA: AN EXPERIENCE FROM A LOW MIDDLE INCOME COUNTRY. Irfan Ul Islam Nasir, Muhammad Ijaz Ashraf, Awaiz Amjad Malik, Muhammad Fahad Shah, Sadaf Battol, Namra Urooj, Shahid Khattak, Amir Ali Syed; Shaukat Khanum Memorial Cancer Hospital And Research Center

P214 COMBINATION OF MEIDAL AND CRANIAL APPROACHES TO ENSURE PATIENTS SAFETY DURING LAPAROSCOPIC COMPLET MESOCOLIC EXCISION FOR TRANSVERSE COLON CANCER. Kan. Tanabe, MD, Shinichiro Mori, MD, PhD, Yoshiaki Kita, MD, PhD, Kenji Baba, MD, PhD, Masayuki Yanagi, MD, Yasuto Uchikado, MD, PhD, Hiroshi Kurahara, MD, PhD, Takaaki Angami, MD, PhD, Yoshikazu Uenosono, MD, PhD, Yuku Matakii, MD, PhD, Masahiko Sakoda, MD, PhD, Akihiro Nakao, MD, PhD, Kosei Natsugoe, MD, PhD, Shoji Natsugoe, MD, PhD, Department of Digestive Surgery, Breast and Thyroid Surgery Graduate School of Medicine, Kagoshima University

P215 REMARKABLY ELEVATED LEVELS OF PROANGIOGENIC PROTEINS IN WOUND FLUIDS AFTER COLONectomy FOR BENIGN INDICATIONS CONTRIBUTES TO THE PERSISTENTLY ELEVATED PLASMA LEVELS OF THESE PROTEINS POSTOPERATIVELY Hmc Shantha Kumara, PhD1, Xiaohong Yan, PhD2, Abhinit Shah, MD1, Erica Pettke, MD3, Vesna Cekic, RN, RN1, Kathryn Baxter, NP2, Richard L Whelan, MD1; ‘Department of Surgery, Mount Sinai West Hospital 1000 Tenth Avenue, Room 3B-61 New York, NY 10019, ‘Department of Surgery,Mount Sinai West Hospital,425 West 59th Street,Suite 7B,New York,NY 10019

P216 SINGLE-DOCK ROBOTIC TOTAL PROCTOCOLECTOMY: AN EMERGING OPERATIVE TECHNIQUE Russell W Farmer, MD, Karen Parks, MD, Peter Deveaux, Susan Galandiuk, Jeffrey Jorden, MD; University of Louisville

P217 INTRACORPOREAL ANASTOMOSIS IN LAPAROSCOPIC COLECTOMY FOR STAGE1 COLON CANCER Kenji Baba, MD, PhD, Shinichiro Mori, MD, PhD, Yoshiaki Kita, MD, PhD, Kan Tanabe, MD, Tetuya Iijichi, MD, Masayuki Yanagi, MD, Yasuto Uchikado, MD, PhD, Hiroshi Kurahara, MD, PhD, Yoshikazu Uenosono, MD, PhD, Yuku Matakii, MD, PhD, Masahiko Sakoda, MD, PhD, Akihiro Nakao, MD, PhD, Kosei Natsugoe, MD, PhD, Shoji Natsugoe, MD, PhD; Kagoshima University

P218 TOTAL LAPAROSCOPIC ABDOMINOPEINAL RESECTION OF RECTUM; TECHNIQUES OF LATERAL NODE DISSECTION, CREATION OF SIGMOID COLOSTOMY AND RETROPERITONEALIZATION Nobuhiro Takiguchi, PhD, MD, Soda Hiroaki, PhD, MD, Toru Tonoooka, PhD, MD, Yoshihiro Nobeiyi, MD, PhD, Atsushi Ikeda, PhD, MD, Tomofumi Chibana, MD, Yusuuke Hanzawa, MD, Wataru Takayama, MD, PhD, Satoshi Chiba, PhD, MD, Isamu Yoshino, PhD, MD, Hidehito Arimoto, MD, Hiroo Yanagibashi, MD; Division of Gastroenterological Surgery, Chiba Cancer Center
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P223 THE UPTAKE OF LAPAROSCOPIC COLON CANCER SURGERY IN CANADA: 2004-2015 Cornelis M Hoogerboord, MBChB, MMed, Min Hu, MA, Richard Y Liu, MD, Gordon J Flowerdew, DSc, Adrian R Levy, PhD, Geoffrey A Porter, MD, MSc; Dalhousie University

P224 COLONIC WEB AND TUBULAR DUPLICATION: A RARE COMBINED ANOMALY AND REVIEW OF THE LITERATURE Onur Bayram, MD1, Orhan Agcaoagli, MD1, Derya Uymaz, MD1, Cagri Bilgic, MD1, Irem Bayram, MD1, Gulcin Yegen, MD1, Emre Balik, MD1, Dursun Bugra, MD1, 1Koc University, School of Medicine, Department of General Surgery, 2Liv Hospital, Department of Radiology, 3Istanbul University, Istanbul School of Medicine, Department of Pathology

P225 HOW ACCURATE IS PREOPERATIVE COLONOSCOPIC LOCALIZATION OF COLONIC NEOPLASMS? Laura Fernandez, MD, Rowaa N Ibrahim, MD, Ido Mizrahi, MD, Giovanna DaSilva, MD, Steven D Wexner, MD; Cleveland Clinic Florida, Weston, FL

P226 LAPAROSCOPIC VERSUS OPEN RIGHT HEMICOLECTOMY: RESULTS FROM A COUNTRY WITH LIMITED RESOURCES. Tadashi Yoshida, MD, PhD, Linda W Moore, MS, RDN, LD, CCRP, H. Randolph Bailey, MD, Brian J Dunkin, MD, MPH, Danielle V Cusick, MD, MPH; Houston Methodist Hospital, University of Oxford

P227 INCIDENCE OF INCISIONAL HERNIA IN THE SPECIMEN WITHDRAWN

P228 LAPAROSCOPIC VERSUS ROBOTIC-ASSISTED SIGMOID COLECTOMY: EVALUATION OF CLINICAL OUTCOMES Reza Gamgami, MD, Venkata R Kakarla, MD, Katherine V Powers, PAC; Silver Cross Hospital

P229 SINGLE-INSTITUTIONAL CLINICAL RESULTS OF LAPAROSCOPIC INTERSPHINCTERIC RESECTION FOR VERY LOW RECTAL CANCER NEAR THE ANUS Masaaki Ito, Yuji Nishizawa, Takeshi Sasaki, Yuichiro Tsukada; National Cancer Center Hospital East

P230 COMPARATIVE STUDY BETWEEN LAPAROSCOPIC SUTURE RECTOPEXY AND LAPAROSCOPIC MESH RECTOPEXY IN TERMS OF IMPROVEMENT IN CONSTITUTION AND RECURRENCE Ayaj H Bhandawar, MS, Priyanka D Kothari, Amol N Wagh, MS, Saurabh S Gandhi, MS, Chintant B Patel, MS, Eham L Arora; Grant medical college Mumbai

P231 MEAN PLATELET VOLUME (MPV) AS A PREDICTOR OF VENOUS THROMBOEMBOLISM (VTE) IN COLORECTAL CANCER. Chumpoon Wilasrusmeeg, MD, MSc1, Boonying Siribumrungwong, Napaphay Poprom, BSc2, 1Faculty of Medicine Ramathibodi Hospital, Mahidol University, 2Department of Surgery, Faculty of Medicine, Thammasat University

P232 CANCER RECURRENT AFTER LAPAROSCOPIC LOW ANTERIOR RESECTION AND INTER SPHINCTER RESECTION FOR STAGE I RECTAL CANCER Kenichi Takemoto, MD, Shigeki Yamauchi, Hiroko Kondo, Hiroki Shimizu, Kiyoko Hara, Asami Suzuki, Jo Tashiro, Toshimasa Ishii, Kojun Okamoto, Shinichi Sakuramoto, Isamu Koyama; Department of Gastroenterological Surgery, Saitama Medical University International Medical Center, Hidaka, Saitama, Japan

P233 SAFETY AND EFFICACY OF PREOPERATIVE ELEMENTAL DIET FOR PATIENTS WITH CIRCUMFERENTIAL COLORECTAL CANCER Tadashi Yoshida, MD, PhD, Shigenori Homma, MD, PhD, Yusuke Ohno, MD, PhD, Nobuki Ichikawa, MD, PhD, Susumu Shibasaki, MD, PhD, Norihiko Takahashi, MD, PhD, Hideki Kawamura, MD, PhD, Akinobu Takeomri, MD, PhD; Hokkaido University Graduate School of Medicine

P235 SINGLE-INCISION LAPAROSCOPIC COMPLETION PROCTECTOMY WITH ILEAL J-POUCH ANAL ANASTOMOSIS FOR ULCERATIVE COLITIS Rodrigo Pedraza, MD1, Sergio Ibarra, MD2, Alberto Gonzalez-Almada, MD2, Ercin Maas, MD, FAC, FACS, 1Department of Surgery, Houston Methodist Hospital, 2Colorectal Surgical Associates, 3Chair, Division of Colorectal Surgery, Department of Surgery, Houston Methodist Hospital

P237 EVALUATION OF BACTERIAL CONTAMINATION IN INTRACORPOREAL ANASTOMOSES CREATED DURING LAPAROSCOPIC COLECTOMY Tetsuo Ishizaki, Kenji Katsumata, Masanobu Enomoto, Takaaki Matsudo, Hiroshi Kuwabara, Akihiko Tsuchida; Tokyo Medical University

P238 PREDICTING OPPORTUNITIES TO INCREASE UTILIZATION OF LAPAROSCOPIC FOR RECTAL CANCER Deborah S Keller, MS, MD1, Anthony J Senagore, MS, MD, MBA1; Baylor University Medical Center, 1University of Texas Medical Branch at Galveston

P239 THE SHORT-TERM OUTCOMES OF REDUCED PORT SURGERY AND CONVENTIONAL LAPAROSCOPIC SURGERY FOR COLON CANCER: A PROSPECTIVE OBSERVATIONAL MULTICENTER STUDY Koji Ikeda1,2, Yuji Nishizawa1, Ichiro Takemasa1, Shuji Kitashiro1, Atsushi Nishimura1, Yoshiharu Sakai2, Junji Okuda2, Shintaro Akamoto2, Yusuke Kinugasa2, Tsunekazu Hanai1, Shinji Ohki2, Masaaki Ito1,2, 1Department of Surgery, Gastroenterological Surgery, Osaka University, 2Department of Surgery, Sapporo Tonan Hospital KKR Medical Center, 3Department of Surgery, Institute of Gastroenterology, Nagaoka Chuo General Hospital, 4Department of Surgery, Graduate School of Medicine, Kyoto University, 5Department of General and Gastroenterological Surgery, Cancer Center, Osaka Medical College, 6Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University, 7Divisions of Colon and Rectal Surgery, Shizuoka Cancer Center Hospital, 8Gastrointestinal Surgery, Department of Surgery, Fujita Health University School of Medicine, 9Department of Organ Regulatory Surgery, Fukushima Medical University, 10Division of Surgical Oncology, National Cancer Center Hospital East

P240 IS LOCAL RECURRANCE INCREASED AFTER LAPAROSCOPIC LOWER RECTAL CANCER RESECTION? Shiogeki Yamauchi, MD, Toshimasa Ishii, MD, Jo Tashiro, MD, Hiroko Kondo, MD, Kyoka Hara, MD, Asami Suzuki, MD, Hiroki Shimizu, MD, Ken-Ichi Takemoto, MD, Shin-ichi Sakuramoto, MD, Kojun Okamoto, MD, Isamu Koyama, MD; Saitama Medical University International Medical Center

P241 POSTOPERATIVE OUTCOMES FOLLOWING ABDOMINOPERINEAL RESECTION IN THE ERA OF MINIMALLY INVASIVE SURGERY Joshua, Dilday, DO, Shaun Brown, DO, Paul Sanders, MD, Eric Ahnfeldt, DO; William Beaumont Army Medical Center

P242 LAPAROSCOPIC VS OPEN RESECTION FOR RECTAL CANCER. A LOWER MIDDLE INCOME COUNTRY EXPERIENCE. Awa As Malik, FCPS, Namra Urooj, Hashim Hussnain, Irfan-ul-Islam Nasir, Muhammad Ijaz, Shahid Khattak, Aamir A Syed; Shaukat Khanum Memorial Cancer Center Hospital & Research Center

P243 SINGLE-INCISION LAPAROSCOPIC COMPLETION PROCTECTOMY WITH ILEAL J-POUCH ANAL ANASTOMOSIS FOR ULCERATIVE COLITIS Rodrigo Pedraza, MD1, Sergio Ibarra, MD2, Alberto Gonzalez-Almada, MD2, Ercin Maas, MD, FAC, FACS, 1Department of Surgery, Houston Methodist Hospital, 2Colorectal Surgical Associates, 3Chair, Division of Colorectal Surgery, Department of Surgery, Houston Methodist Hospital

P244 EVALUATION FOR STOMA OBSTRUCTION AFTER DEFUNCTIONING ILEOSTOMY AND SKIN EXTENSION BY PNEUMOPERINEUM Shintaro Akamoto1, Yuma Fukumoto1, Yusuke Konishi1, Kazuhiko Nakagawa2, Tetsuji Fujihara1, Kazuyasu Kobayashi1, Toshihito Hanaoka2, Yasuyuki Suzuki2, Sumitomo Besshi Hospital, 1Kagawa University
P245 SINGLE INCISION VERSUS CONVENTIONAL LAPAROSCOPIC APPENDECTOMY: A PROPENSITY-SCORE-MATCHED ANALYSIS OF 116 CASES Shintam Kohama, Masaki Fukunaga, Tetsu Fukunaga, Kunihiko Nagakari, Yoshiro Iida, Seiichiro Yoshikawa, Masakazu Ouchi, Goutaro Katsumo, Satoshi Kanda, Yuji Ishibashi, Yoshihiro Hirasaki, Daisuke Azuma, Yoshinori Kohira, Jun Nomoto; Department of Surgery, Juntendo Urayasu Hospital

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P247 LAPAROSCOPIC REVERSAL OF HARTMANN’S PROCEDURE FOLLOWING AN OPEN EMERGENT RESECTION Sergio H Ibarrag, MD1, Alberto Gonzalez-Almada, MD1, Rodrigo Pedrada, MD2, Jean-Paul LeFave, MD3, Saeed Shoar, MD4, Eric M Haas, MD5; 1Division of Minimally Invasive Colon and Rectal Surgery, Department of Surgery, University of Texas Medical School, Houston, TX, USA, 2Houston Methodist Hospital, Houston, Texas, 3Colorctal Surgical Associates, Houston, Texas

P248 THE BENEFITS OF MINIMALLY INVASIVE SURGERY FOR COLORECTAL CANCER Ichiro Takemasa, MD1, Tomohisa Furuhata, MD2, Kenji Okita, MD3, Yoshihiko Nishidate, Tomomi Ueki, Emi Akizuki; Department of Surgery, Surgical Oncology and Science, Sapporo Medical University, Sapporo Japan

P249 ASSOCIATION OF PRE-OPERATIVE LEVEL OF HEMOGLOBIN A1C WITH POST-OPERATIVE INFECTIONS AMONG NON-DIABETIC PATIENTS UNDERGOING COLORECTAL SURGERY Sheerar Karimian, MD1, Pepa Kaneva, PhD2, Nicolò Pecorelli, MD3, Carl W Ulsyse, MD4, Stephane Robitaille, MD5, Julio F Fiore Jr, PhD6, Francesco Carlì, MD7, Liane S Feldman, MD8; 1Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, Department of Surgery, McGill University Health Centre, Montreal, QC, 2School of Medicine, McGill University, Montreal, QC, 3Department of Anesthesiology, McGill University Health Centre, Montreal, QC

P250 EFFECTS OF ABSORPTIVE ANTI-ADHESION BARRIER ON PREVENTION OF BOWEL OBSTRUCTION AFTER LAPAROSCOPIC COLORECTAL CANCER SURGERY Shoichi Fuji, MD, PhD1, Mitsuo Tsukamoto2, Yoshihisa Fukushima3, Ryu Shimada2, Koichi Okamoto4, Tamuro Hayama5, Takeshi Tsuchiya6, Keijiro Nozawa7, Keiji Matsuda8, Yojiro Hashiguchi9; 1International University of Health and Welfare, 2Teikyo University

P251 SHORT-TERM CLINICAL OUTCOMES OF HAND-ASSISTED LAPAROSCOPIC SURGERY OF THE LEFT COLON Cesar Decanini Teran, MD1, Alan A Reyes Cruz, MD2, Martin Vega de J, MD3, Jorge G Obregon M, MD4, Fatima Gonzalez JD; American British Cowdray Medical Center

P252 LAPAROSCOPIC ILEAL J-POUCH: A COMPARATIVE STUDY BETWEEN ULCERATIVE COLITIS AND FAMILIAR ADENOMATOUS POLYPOSIS Lucas Gerbas, Rodrigo Pinto, Mariane Camargo, Cintia Kimura, Anna Carolina Dantas, Diego Soares, Fabio Campos, Sergio Nahas, Ivan Cecconeolo; HCFMUSP

P253 COLORECTAL NEOPLASMS IN A SUB-SAHARAN AFRICA POPULATION: A MULTICENTRE COLONSCOPY STUDY F. Ray-Offor, FWACS, FMAS, DMSAInd1, G B Gbaanador, FACS2, C C Obiorah, FMCS3, N J Jеббин, FWACS, FACS2; 1Oak Endoscopy Centre Port Harcourt, 2Shawsand Medical Centre Port Harcourt Rivers State Nigeria, 3Department of Anatomical Pathology University of Port Harcourt Teaching Hospital Port Harcourt Rivers State Nigeria, 4Department of Surgery University of Port Harcourt Teaching Hospital Port Harcourt Rivers State Nigeria

P254 TRANSANAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: OUTCOMES OF OBSESE IN COMPARISON WITH NON-OBSESE PATIENTS F Boyro DeLacy, MD1, Jacqueline van Laarhoven, MD2, Romina Pena, MD1, Maria Clara Arroyave, María Fernández-Hevia, MD4, Dulce Momblán1, Antonio M. Lacy2; 1Hospital Clinic of Barcelona, 2Jeroen Bosch Ziekenhuis, 3Clínica Somer

P255 LONG-TERM OUTCOMES WITH THE USE OF FIBER MONOTHERAPY FOR THE TREATMENT OF FECAL INCONTINENCE PATIENTS Rachel E Andrew, MD1, Katelin Mirkin, MD, Evangelos Messaris, MD, PhD, FACS, Frances J Puleo, MD, PhD, FACS; Penn State Hershey Medical Center

P256 THE INFLUENCE OF BODY MASS INDEX ON THE OUTCOMES OF LAPAROSCOPIC SURGERY FOR COLON CANCER Yu Sato, MD, PhD1, Atsuko Kataoka, MD, Rie Matsumura, MD, Tomoko Horie, MD, Yoshimaso Gohda, MD, Yasutaka Shuno, MD, PhD2, Hideaki Yano, MD, PhD; Department of Colorectal Surgery, National Center for Global Health and Medicine

P257 PATHOLOGIC RESPONSE TO NEOADJUVANT TREATMENT IN RECTAL CANCER AND IMPACT ON OUTCOME Mehmet Ilhan, Ali Fuat Kaan Gök, Seyma Karakus, Erçin Sönmez, Hakan Yanar; Kayihan Güney, Recep Güloğlu, Cemalettin Ertekien; Department of General Surgery, Istanbul University Istanbul Medical Faculty

P258 INTRACORPOREAL FREE CANCER CELLS DURING LAPAROSCOPIC COLORECTAL RESSECTION DETECTED VIA QUANTITATIVE REVERSE TRANSCRIPTION-POLYMERASE CHAIN REACTION Masayasu Har1, Nanako Ando1, Kazyuoshi Shiga1, Takeshi Yanagita1, Hayao Nakashishi1, Hiroki Takakashi1, Hiromitsu Takeyama1; 2Nagoya City University; 3Aichi Cancer Center Aichi Hospital

P259 LAPAROSCOPIC SURGERY AND TRANSANAL ENDSOCOPIC MICROSURGERY FOR RECTAL CANCER. OUR OWN EXPERIENCE IN A DEVELOPING COUNTRY. Javier Ernesto Barreras González, PhD, MD, Miguel Ángel Martínez Alfonso, PhD, MD, Rafael Torres Peña, PhD, MD, Jorge Gerardo Pereira, MD, Francisco Llorente Llano, MD, Juan Bautista Olívé González, MD; National Center for Minimally Invasive Surgery Havana. Cuba

P260 BODY MASS INDEX AND VISCERAL FAT AREA AS THE RECONSTRUCTION DIFFICULTY INDICATOR IN THE LAPAROSCOPIC SURGERY FOR TRANSVERSE COLON CANCER Toru Tomooka, Nobuhiro Takiguchi, Yoshihiro Nabeya, Wataru Takayama, Atsushi Ikeda, Hiroaki Soda, Satoshi Chiba, Isamu Hoshino, Hidehito Arimitsu, Hiroo Yanagibashi, Tomofumi Chibana, Yusuke Hanzawa, Matsuo Nagata; Chiba Cancer Center

P261 THE TREND OF SURGICAL TECHNIQUE AND ADJUVANT THERAPY IN Colon cancer, 2000-2012: RETROSPECTIVE STUDY OF SINGLE TERTIARY REFERRAL CENTER IN KOREA Ji Ho Yoon, Yoon Yung Park, Jeonghee Han, Byung Soh Min, Kang Young Lee, Nam Kyu Kim; Yonsei University, College of Medicine

P262 LAPAROSCOPIC VERSUS OPEN SIGMOIDECTOMY FOR ELECTIVE MANAGEMENT OF DIVERTICULAR DISEASE: META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS Ahmad Mirza, MD1, Arslan Pannu1, Danaradja Arumugam1, Shahab Hajibandeh1, Shahin Hajibandeh; 1The Central Manchester University Hospitals, Manchester, UK, 2The Royal Oldham Hospital, Manchester, UK, 3The Royal Blackburn Hospital, Blackburn, UK

P263 TRANSCANAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: ASSESSMENT WITH INDOCYANINE GREEN Beatriz Martin-Perez, MD1, Ana Otero-Piñeiro, MD2, Borja DeLacy-Oliver, MD, Romina Pena-Lopez, MD3, Maria Clara Arroyave, MD, Maria Fernandez-Hevia, MD, Antonio Lacy, MD; Hospital Clinic

P264 COMPARISON OF HAND-ASSISTED LAPAROSCOPIC VERSUS LAPAROSCOPIC RESECTION FOR RIGHT COLON CANCERS IN ELDERLY PATIENTS Mingtian Wei, MD, Wanbin He, MD, Yan Li, BD, Zongguang Zhou, Junhong Han, MD, Ziqiang Wang, MD, West China Hospital, Sichuan University

P265 REDUCED PORT LAPAROSCOPY IN THE SURGICAL MANAGEMENT OF SEVERE ACUTE UCERATIVE COLITIS Katherine Hrebinko, David Chessin, MD, Stephen Gorfine, MD, Joel Bauer, MD, Daniel Popowich, MD; Mount Sinai Hospital
P266 STANDARDIZATION FOR SINGLE INCISION LAPAROSCOPIC APPENDECTOMY Tomoka Saito, Manabu Watanabe, Koji Asai, Hiroshi Matsukiyo, Tomotaka Ishii, Manabu Kujiraoka, Asako Takahashi, Takaharu Kiritayashi, Toshiyuki Enomoto, Youichi Nakamura, Yasushi Okamoto, Natsuya Katada, Yoshisasa Saida, Shinya Kusachi; Toho University Ohashi Medical Center

P267 POLYPOID LESIONS IN THE UPPER GASTROINTESTINAL ENDOSCOPY WHO HAS COLORECTAL POLYPS PERFORMED SIMULTANEOUSLY Sabahattin Destek, MD, Vahit Onur Gül, MD, Serkan Ahigolu, MD; Bezmialem Foundation University Medical Faculty Hospital Dragos, Edremed State Hospital

P268 A COMPARATIVE STUDY ON THE OUTCOME OF SURGICAL PROCEDURE OF PARTIAL FISTULECTOMY WITH KSHARASURTRA APPLICATION AND EXCLUSIVE KSHARASURTRA APPLICATION IN HIGH ANAL FISTULA - A CLINICAL STUDY Martha M Bhaskar Rao, PhD, Chakradas S, MS, Vasishta Martha, MBBS; TTD'S S.V Ayurvedic Medical College, PRAMEELA HOSPITAL, PES INSTITUTE OF MEDICAL SCIENCES

P269 A SINGLE SURGEON EXPERIENCE TRANSITIONING TO ROBOTIC RIGHT COLECTOMY WITH INTRACORPOREAL ANASTOMOSIS Alexandra C Reitz, BA, Edward Lin, MD, Seth A Rosen, MD; Emory University

P270 SHORT TERM OUTCOMES OF LAPAROSCOPIC COLORECTAL SURGERY. IS IT REALLY SAFE FOR ELDERLY PATIENTS? Koetsu Inoue, MD, PhD, Tatsuya Ueno, MD, PhD, Orii Suzuki, MD, Kentoro Shima, MD, PhD, Shinji Goto, MD, PhD, Michinaga Takahashi, MD, PhD, Masanori Morikawa, MD, PhD, Takeshi Naitoh, MD, PhD, FACS; Hiroo Naito, MD, PhD, FACS; Department of Surgery, South Miyagi, Medical Center, Department of Surgery, Tohoku University Graduate School of Medicine

P271 LAPAROSCOPIC RADICAL LEFT HEMICOLECTOMY: A BURSA OMENTALIS APPROACH MAKES SPLENIC FLEXURE MOBILIZATION EASY Wei Wang, Wenjung Xiong, Jin Wan; Guangdong Province Hospital of Chinese Medicine, the Second Affiliated Hospital of Guangzhou University of Chinese Medicine

P272 CLINICAL IMPACT OF INTRAOPERATIVE NAVIGATION USING A DOPPLER ULTRASONOGRAPHIC GUIDED VESSEL TRACKING TECHNIQUE FOR LAPAROSCOPIC LEFT SIDE COLECTOMY Yoshiaki Kita, Shinichiro Mori, Kenji Baba, Yasuto Uchikado, Takaaki Arihmi, Yohshika Uenosono, Yoko Matakai, Masahiko Sakoda, Akihiro Nakajo, Koese Maemura, Shoji Natsugoe; Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University School of Medicine

P273 VIRTUAL REALITY SIMULATION IN FLEXIBLE ENDOSCOPY: IMPLICATIONS FOR RESIDENT TRAINING David S Strosberg, Sylvester N Osayi, Joseph Drosdeck, Rebecca Dettorre, Andrew Suzo, Jeffrey Hazey; The Ohio State University Wexner Medical Center, Oregon Health and Science University

P274 COACHING FOR SURGICAL SKILL DEVELOPMENT: STRESSFUL BUT EFFECTIVE Ibrahim J Jabbour, Dimitrios Stefanidis; Aimee K Gardner; Florida Atlantic University College of Medicine, Indiana University School of Medicine, University of Texas Southwestern Medical Center

P275 MATHEMATICAL ANALYSIS FOR HAND MOTION OF LAPAROSCOPIC SURGERY AND ITS IMPLICATION FOR TRAINING Morimasa Tomikawa, MD, PhD, Munenori Uemura, PhD, Kazuo Tanoue, MD, PhD, Makoto Hashizume, MD, PhD; Department of Advanced Medicine and Innovative Technology

P276 ENDOSCOPIC AVATARS: OPERATOR AND SCOPETECHNICAL TRACKING AND ANALYSIS FOR TEACHING COMPLEX ENDOSCOPIC MANEUVERS K Siegersmann, E Rozeboom, PhD, P Rivard, V Agnus, PhD, L Goffin, PhD, A van der Schot, B Dallemagne, MD, S Perretta, MD; Technical Medicine, University of Twente, Enschede, The Netherlands, Institute of Image Guided Surgery, Strasbourg, France, IRCAD, Strasbourg, France

P277 "MAKE YOUR OWN LAPAROSCOPIC SIMULATOR" - RESULTS FROM A COMPETITION HELD FOR SURGICAL RESIDENTS IN A LIMITED RESOURCES COUNTRY, Awas A Malik; Ruqayya Khan, Sumaria Saddique, Samiullah Bhatti, Huma S Khan, Kashif Malik, Saira Tayyab, Amin Mazhar, Mahmood Ayyaz; Shaqukat Khanum Memorial Cancer Hospital & Research Center, Services Institute of Medical Sciences

P278 VIDEO-BASED COACHING FOR ENDOSCOPY: USE OF A SECURE MOBILE PHONE APPLICATION FOR PROCEDURAL VIDEO ANALYSIS Jeffrey D Hawel, MD, Jordan Eng, MD, James C Elssmere, FRCSC, FACS; Dalhousie University

P279 SIMULATION TO ACQUIRE EXPERIENCE IN A LOW VOLUME OF HEPATIC LAPAROSCOPIC SURGERY CENTRES Ruben Avila, MD, Achurra Pablo, MD, Tejos Rodrigo, MD, Pacheco Sergio, MD, Erwin Buckel, MD, Rebolloledo Rolando, PhD, Leon Felipe, MD, Juan Ramos, MD, Marcel Sanhueza, MD, Nicolas Jarufe, MD; Pontificia Universidad Catolica de Chile, Hospital Dr Sotero del Rio

P280 COMPARATIVE STUdy ON THE OUTCOME OF SURGICAL PROCEDURE OF PARTIAL FISTULECTOMY WITH KSHARASURTRA APPLICATION AND EXCLUSIVE KSHARASURTRA APPLICATION IN HIGH ANAL FISTULA - A CLINICAL STUDY Martha M Bhaskar Rao, PhD, Chakradas S, MS, Vasishta Martha, MBBS; TTD’S S.V Ayurvedic Medical College, PRAMEELA HOSPITAL, PES INSTITUTE OF MEDICAL SCIENCES

P281 ADVANCED LAPAROSCOPIC YET INSTITUTIONALLY LOW VOLUME OPERATIONS: IMPLEMENTING A LONGITUDINAL CURRICULUM TO ADDRESS THE CURRENT TRAINING GAP Benjamín R Veenstra, MD; Kristine A Makiewicz, MD; Kunal H Patel, MD, Jose M Velasco, MD, FACS; MetroHealth Medical Center, Rush University Medical Center

P282 OPERATIVE TIME AND MORTALITY RATE AS OUTCOME MEASURES FOR ASSESSMENT OF RESIDENTS’ OPERATIVE PERFORMANCE IN LIVE PORCINE MODEL Nisha Dhanabalsamy, MD, Obio Osuchukwu, MD, Julia Samade, MD, Shawn Fu, MD, Carlos Galvani, MD, Iman Ghaderi, MD; University of Arizona

P283 ROBOTIC SKILLS MAY BE DERIVED FROM SKILLS ATTAINED IN A LAPAROSCOPIC SIMULATOR Daniel Davila, MD, Melissa C Helm, BS, Jon C Gould, MD, Matthew I Goldberg, MD; Medical College of Wisconsin

P284 ADVANCING RESIDENT SPATIAL REASONING STRATEGIES: INTEGRATION OF VIDEO TECHNOLOGY, FEEDBACK TOOLS, AND LEARNER INDIVIDUALIZATION Melanie H Howell, MD, MS, Katherine MacCallum, MD, John Paul Bellistri, MD, Francis B Baccay, MD; Northwest University Health System

P285 ADDING FRAgILITY TO THE FLS TASKS IMPROVES THE ACCURACY OF ASSESSING LAPAROSCOPIC SKILLS Yusuke Watanabe, MD, Yo Kurashima, MD, Elif Bilgic, MSc; Saseem Poulard, MD, Tomoko Milzota, MD, Shinichiro Yokohama, MD, Yoshihi Shichinohe, MD; Satoshi Hirog, MD; Department of Gastroenterological surgery II, Hokkaido University Graduate School of Medicine, Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre

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P287 SURGICAL CHIEF RESIDENT COMPETENCY IN LAPAROSCOPIC AND ROBOTIC SURGERY: ARE WE READY? J P Wallace, MD; Vernon D Horst, MD; Joshua S Brandner, DDS, MD; Hetal D Patel, MD, Stan C Hewlett, MD, Greg L Bearden, MD; Brookwood Baptist Health System, Department of Surgery, Birmingham, AL, University of Kentucky, Department of Surgery, Division of Cardiothoracic Surgery, Lexington, KY

P288 VALIDATION OF NEWLY DEVELOPED PHYSICAL LAPAROSCOPY SIMULATOR IN LAPAROSCOPIC INGUINAL HERNIA REPAIR Yuichi Nishihara, Takayuki Kondo, Yoshihki Kagawuchi, Jo Tokuyama, Koji Osumi, Hidejiro Uramaki, Shiko Seki, Takashi Oishi, Yoh Isobe; NH Tokyo Medical Center

P289 CAN THE ENDOSCOPY TRAINING SYSTEM (ETS) BE USED AS A SCREENING TOOL TO PREDICT WHO WILL PASS THE FUNDAMENTALS OF ENDOSCOPY EXAMINATION? Aimee K Gardner; Aman B Ali; Matthew Ritter, Michael B Ujiki, Brian J Dunkin; University of Texas Southwestern Medical Center, Houston Methodist Hospital, Uniform Services University, Walter Reed National Military Medical Center, Northshore University Health System
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Andrea V Kwon, MASc, Oscar M Crespin, MD,1 Ilay Habaz,2 Pietro Riva, MD,1 Ethan Weiss1, Silvana Perretta, MD,1 Lee L Swanstrom, MD,1 Allan Otkainen, MD,1 Eran Shlomovitz, MD,1 University Health Network, Toronto, Canada, 1IRCAD-Hu, Strasbourg, France, 1The Oregon Clinic, Portland, United States
P291 FACEBOOK AS A PLATFORM FOR COACTIVE VICARIOUS LEARNING; ROBOTIC SURGERY COLLABORATION (RSC)
EXPERIENCE. Omar Y Kudsi, MD, MBA, FACS5; Christopher G Myers1, Amir A Ghafari, MD, MS, FACS, Eugene O Dickens, MD, FACS1, J Swope, MD, FACS5; Tufts University School of Medicine, 1, 2, 3, 4, 5
P292 EFFECTS OF REGULAR REVIEW OF PERFORMANCE VIDEOS, WITH SIMULTANEOUSLY RECORDING ORAL FEEDBACK, VERSUS REGULAR PRACTICE ON LAPAROSCOPIC SUTURING SKILLS IN NOVICES: A RANDOMISED CONTROL TRIAL.
Chinomso I Ogboobiri, Alpa Morawala, Bijnendra Patel; Barts Cancer Institute
P293 SINGLE-INCISION LAPAROSCOPIC APPENDECTOMY PERFORMED BY RESIDENTS IS SAFE AND FEASIBLE
Masaki Wakisugi, Naoto Tsuchiura, Yuijo Nakahara, Takashi Matsumoto, Hiro Yoshisuke Takemoto, Ko Takachi, Kiyonori Nishioka, Satoshi Oshima; Kinki Central Hospital
P294 IDENTIFYING THE NEEDS FOR TEACHING FUNDAMENTAL KNOWLEDGE OF LAPAROSCOPIC SURGERY: A CROSS-SECTIONAL STUDY IN JAPAN
Shinichiro Yokoyama, MD,1 Yusuke Watanabe, MD,1 Yo Kurasima, MD, PhD,1 Saseem Poudel, MD,1 Yoshinori Suzuki, MD, PhD,1 Yuichi Nishihara, MD,1 Tomoko Mizota, MD,1 Fumitaka Nakamura, MD, PhD,1 Toshiaki Shichinohe, MD, PhD,1 Satoshi Hirano, MD, PhD,1 Department of Gastroenterological surgery II, Hokkaido University Graduate School of Medicine, 1Department of Surgery, Steel Memorial Murokan Hospital, 1Department of Surgery, Tenke Keijinkai Hospital
P295 ARE USMLE, ACADEMIC GRADES OF GENERAL SURGERY RESIDENCY APPLICANTS AND MEDICAL STUDENTS REFLECTIVE OF THEIR MANUAL DEXTERITY? Antonio Gangemi, MD, FACS, Kevin Shi, BS, Samantha Durgan, MD, Raquel Gonzalez-Heredia, MD, PhD, Luis Fernando Gonzalez-Cicarelli, MD, Jayant Radhakrishnan, MD, FACS, Pier cristoforo Giulianiotti; University of Illinois
P296 A NOVEL SCORING CALCULATOR SIMPLIFIES A MULTITUDE OF METRICS FOR IMPROVED EFFICIENCY IN SIMULATION CURRICULUM
Kenneth W Bueltemann, MD, Marek Rudnicki, MD; Advocate Illinois Masonic Medical Center
P297 IS IT SAFETY THAT LAPAROSCOPIC COLECTOMY PERFORMED BY BEGINNER SURGEONS WITH AN ASSIST BY A TECHNICAL QUALIFIED SURGEON? Nobuki Ichikawa, MD,1 Takeshi Yoshida, MD,1 Takeshi Tsuji, MD,1 Masashi Ohira, MD,1 Tomohiro Ishikawa, MD,1 Nozomi Ueno, MD, PhD,1 Hitoshi Wada, MD, PhD,1 Hiroshi Hasegawa, MD, PhD,1 Sumio Matsumoto, PhD,1 Minoru Kitago, MD, PhD,1 Yuko Kitagawa, MD, PhD,1 Keio University School of Medicine
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Brian M Nguyen, MD, Emilie Fitzpatrick, MD, Daniel B Jones, MD, Beth Israel Deaconess Medical Center, Harvard Medical School
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P325 INITIAL MANAGEMENT OF ESOPHAGEAL ANASTOMOTIC STRICTURE AFTER TRANSHITIAL ESOPHAGECTOMY FOR ESOPHAGEAL CANCER Andrea B Marcadis, MD, Robert D Andres, MD, PhD, Valerie Wu Chao Ying, MD, Jose M Martinez, MD, FACS; University of Miami – Miller School of Medicine / Jackson Memorial Hospital

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P320 CLINICAL MANAGEMENT OF ENDOSCOPICALLY UNRESECTABLE COLORECTAL POLYPS Orhan Agcaoglu, MD, Ornar Bayram, MD, Burak Ilhan, MD, Derya S Uymaz, MD, Cagri Bilgic, MD, Metin Keskin, MD, Emre Balik, MD, Sumer Yamaner, MD, Koc University, School of Medicine, Department of General Surgery, Istanbul University, Istanbul School of Medicine, Department of General Surgery, Istanbul University, Istanbul Nightingale Hospital

P319 ACHALASIA IN MORbid OBESITY: OUTCOMES OF SURGICAL MANAGEMENT AND PATIENT SATISFACTION AFTER LONG-TERM FOLLOW-UP Jon M Harrison, MD,1 Stephen M Doane, MD,2 Michael J Pucci, MD, FACS,1 Francesco Palazzo, MD, FACS,2 Karen A Chojnacki, MD, FACS,2 Massachusetts General Hospital, 1Thomas Jefferson University Hospital

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P312 ROUTINE CT PRIOR TO PEG TUBE PLACEMENT DOES NOT REDUCE COMPLICATION RATES Richard J Miskimins, MD,1 John M Glenn, DO,1 Cyril Kamya, MD,1 Cole L Paffett, MSIV,1 Seyed Arshad, MD,1 Edward D Auyang, MD, MS, FACS,11 UNM Health Science Center, Department of Surgery, 1UNM Health Science Center, School of Medicine

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P365 FUNDOPLICATION VERSUS GASTRIC BYPASS AS OPTIMAL TREATMENT FOR GERD IN SCLERODERMA PATIENTS Jinliang Yan, MD, PhD, Andrew Strong, MD, Gautam Sharma, MD, Scott Gabbard, MD, John Rodriguez, MD, Matthew Kroh, MD; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic, ‘Dept. of Gastroenterology and Hepatology, Cleveland Clinic

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P368 LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR IMPROVES DISEASE-SPECIFIC QUALITY OF LIFE IN OCTOGENARIANS Anahita D Jalilvand, MD, Edward I Jones, MD, Sara E Martin del Campo, MD, MS, Kyle A Perry, MD; ‘The Ohio State Wexner Medical Center, ‘UC Denver

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P377 A SINGLE INSTITUTION’S EXPERIENCE TREATING BARRETT’S ESOPHAGUS WITH HIGH GRADE DYSPLASIA Mark Kashtag, MD, Jonathon Critchlow, MD, FACS, Michaela Carroll, Haley Duncan, Aaron Fleishman, Aliqureshi, MD, FACS, FRCS; Beth Israel Deaconess Medical Center

P378 SHORT TERM OUTCOME OF USING CRURAL RELAXING INCISION WITHOUT MESH REINFORCEMENT FOR LAPAROSCOPIC REPAIR OF LARGE HIATAL HERNIA Ahmed Elqeidie, Ehab Elhanafy, Nabil Gadelhak; gastrointestinal surgery center

P379 LAPAROSCOPIC REPAIR WITH MESH REINFORCEMENT FOR SYMPTOMATIC MASSIVE DIAPHRAGMATIC HERNIA OF MORGAGNI Alexander Schutz, MD, Paul McGaha, MD, Matthew Reinersman, MD, Subrato Deb, MD; University of Oklahoma

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P381 LESSONS LEARNED FROM PATIENTS PRESENTING FOR REFLUX SURGERY Elizabeth Long, MD, Jenimah Chen, MS, William Richards, Chairman of Surgery; University of South Alabama

P382 TRENDS AND OUTCOMES OF ESOPHAGECTOMY IN THE UNITED STATES, DATA FROM THE ACS-NSQIP, 2008-2014 Christina Y Koh, MD, Colette S Inaba, MD, Sarath Sujatha-Bhaskar, MD, Ninh Nguyen, MD, University of California, Irvine Medical Center

P383 COMBINED ROBOTIC THORACOSCOPIC AND LAPAROSCOPIC RESECTION OF LARGE EPHIREPHRIC DIVERTICULUM Jonathan R Sarik, MD, Jennifer A Kincaid, MD, Nathaniel R Evans, MD, FACS, FCCP, Francesco Palazzo, MD, FACS, Michael J Pucci, MD, FACS; Thomas Jefferson University Hospital

P384 INDOCYANINE GREEN IN ESOPHAGEAL SURGERY, A SYSTEMATIC REVIEW AND META-ANALYSIS Kandace Kichler, MD, Joshua Parreco, MD, Srinivas Kaza, MD; University of Miami Palm Beach

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P386 MITOCHONDRIAL MYOPATHY EFFECTS ON GASTROINTESTINAL SYSTEM Muhammad Nadeem, MBBS, John L Butsch, MD, Steven D Schwartzberg, MD, ‘University at Buffalo, ‘Buffalo General Medical Center

P387 COMPARISON OF TWO BUTTRESSING MATERIALS FOR GASTRIC SLEEVE RESECTION - CLINICAL OUTCOME AND COMPLICATIONS Maria Bergstrom, MD, PhD, Jorge A Arroyo Vazquez, MD, Per-Ola Park, Professor; South Alvsborg Hospital

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Jonas S Jensen, MD1, Jan Krzak, MD, Henning Kold Antonsen, MD; 1Department of Surgery, Kolding Hospital, Denmark, 2Department of Surgery, Herning Hospital, Denmark

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P393 LAPAROSCOPIC HELLER CARDIOMYOTOMY WITH AND WITHOUT DOR FUNDOPULATION: RANDOMIZED CONTROLLED TRIAL
Vv. Gruzbin, A. V. Malynovskyi, V. V. Ilyashenko; Odessa national medical university, Ukraine

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Arginerra, MD, Katy Harris, MD, Gabriel Arevalo, MD, Ibraheem Kayali, Maurice Areregui, MD; St Vincent Hospital

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Francisco J Couto, MD1, Jeremy Warren, MD, Megan Kemp, MD, Brent Snopoli, MD, Raquel Denis, MD, William Cobb, MD, Alfredo Carbonell, DO, 1University of South Carolina School of Medicine, Greenville; Department of Surgery, Division of Minimal Access and Bariatric Surgery, 2University of South Carolina School of Medicine, Greenville

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P399 LYMPH-NODE DISSECTION (L.N.) ALONG THE LEFT RECURRENT LARYNGEAL NERVE AFTER ESOPHAGEAL STRIPPING AND SAFE ANASTOMOSIS IN VATS-E. Hiroshi Yoshida, Hiroshi Makino, Hiroshi Maruyama, Tadashi Yokoyama, Atsushi Hirakata, Junji Ueda, Hideyuki Takada, Takeshi Matsutani, Tsutomu Nomura, Nobuyuki Sakurazawa, Masao Miyashita, Eiji Uchida; Department of Surgery, Pinon Medical School, Tama Nagayama Hospital, 2Department of Gastrointestinal and Hepato biliary pancreatic surgery, Pinon Medical School Hospital, 3Department of Surgery, Pinon Medical School, Chiba Hokusho Hospital

P400 DOES ESOPHAGEAL MANOMETRY INFLUENCE SURGICAL DECISION-MAKING FOR OPERATIONS AT THE GASTROESOPHAGEAL JUNCTION? Georger Wiese, MD, Amanda Bennett, Denise Feradov, Sirisha R Thambuluru, William S Eubanks, MD, FACS; 1Florida Hospital, 2University of Central Florida College of Medicine

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P403 DEFINING GERD BASED ON ECONOMIC BURDEN OF DISEASE: AN ANALYSIS OF CLAIMS DATA
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P404 LAPAROSCOPIC REPAIR OF SYMPTOMATIC TYPE IV PARAESOPHAGEAL HERNIA FOLLOWING ESOPHAGECTOMY
Mazen R Al-Mansour, MD, Robert E Merritt, MD, Kyle A Perry, MD; Division of General and Gastrointestinal Surgery, Center for Minimally Invasive Surgery, The Ohio State University Wexner Medical Center, 558 Doan Hall, 410 West 10th Avenue, Columbus, OH, 43210, USA.

P405 LAPAROSCOPIC WEDGE RESECTION FOR GASTROINTESTINAL Stromal Tumor in the Elderly
Andres Navarette, MD, Dulce Momblan, MD, Marta Jimenez-Toscano, MD, Ricard Corcélles, MD, Ainitez Ibarzabal, MD, Antonio Lacy, 1Clinica Alemana de Santiago, 2Hospital Clinic of Barcelona

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Abhishek D Parmar, MD, MS, Howard Chang, MD, Jonathan D Svdahl, MD, FACS; UCSF-East Bay Department of Surgery, 1Kaiser Permanente Oakland Medical center

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Jorge A Arroyo Vázquez, MD; South Alvsborg Hospital

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Aman B Ali, MD, Toan B Nguyen, Marc Garbey, PhD, Brian J Dunkin, MD; University of Houston, 2Methodist Institute for Technology, Innovation and Education – Houston Methodist Hospital

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Jiun-In Guo, PhD2, Kai-Che Liu, PhD2, Chia-Chi Tsai, 1Yang-Cyuang Yang, Ching-Hwa Cheng, PhD2, Jungle Chi-Hsiang Wu, Dr2, Shih-Wei Huang, Dr2, National Chiao Tung University, 2Chang Bing Show Chwan Memorial Hospital, 3Feng Chia University, 4Show Chwan Memorial Hospital

P413 PRELIMINARY REPORT OF CLINICAL USAGE OF ULTRA-HIGH DEFINITION (8K) LAPAROSCOPE
Toshiyuki Mori, MD, Toshio Chiba, MD, Hiroisma Yamashita, PhD2, Masanori Sugiyama, MD, 1Kyorin University, 2Nihon University

P414 PRELIMINARY REPORT OF CLINICAL USAGE OF ULTRA-HIGH DEFINITION (8K) LAPAROSCOPE
Toshiyuki Mori, MD, Toshio Chiba, MD, Hiroisma Yamashita, PhD2, Masanori Sugiyama, MD, 1Kyorin University, 2Nihon University

P415 Withdrawn
P416 INTEGRATION OF PATIENT-BASED IMMERSIVE VIRTUAL REALITY, HOLOGRAPHIC AUGMENTED REALITY, AND BIO-ELASTIC 3D ORGAN PRINTING FOR IMAGE GUIDED LAPAROSCOPIC SURGERY Maki Sugimoto, MD, PhD; International University of Health and Welfare

P417 STRAY ENERGY TRANSFER DURING SINGLE INCISION SURGERY: ROBOTIC PLATFORM IS SUPERIOR TO LAPAROSCOPIC Douglas M Overbye, Edward L Jones, Brandon C Chapman, Sarah A Hilton, Teresa S Jones, Thomas N Robinson; University of Colorado

P418 EFFICACY OF USING A NEW DEVICE TO INSERT ADHESION BARRIER FILM IN REDUCED PORT SURGERY Hitode Oishi, MD, PhD1, Takayuki Ito, MD, PhD1, Takahiro Okamura, MD, PhD1; 1Department of Surgery, Murayama Medical Center, National Hospital Organization, 2Department of Surgery 2, Tokyo Women’s Medical University

P420 LEVITA® MAGNETIC SURGICAL SYSTEM: FIRST U.S. EXPERIENCE FROM A SINGLE INSTITUTION Ivy N Haskins, MD, Andrew T Strong, MD, John H Rodriguez, MD, FACS, Matthew D Kroh, MD, FACS; Section of Surgical Endoscopy, Department of General Surgery, Cleveland Clinic Foundation

P421 IN VIVO EXPERIENCE WITH A NOVEL MINIATURE ENDOSTAPLER IN LAPAROSCOPIC NENPHRECTOMY Juan-Carlos Verdeja, MD1, Bernard Hansen, MD, PhD2; 1Baptist Health Medical Group, 2Private practice

P422 INDOCYANINE GREEN FLUORESCENCE ANGIOGRAPHY DURING LAPAROSCOPIC SURGERY FOR RECTAL CANCER Hiro Hasegawa, MD, PhD, FACS1, Masako Ito, MD, PhD2, Yuichi Tsukuda, MD, PhD2, Koichiro Okada, MD2, Hiroki Kato, MD, Takashi Sasaki, MD, PhD, Yuji Nishizawa, MD, PhD2; Division of Colorectal Surgery, National Cancer Center Hospital East

P423 CONTINUOUS DISSECTION USING ULTRASONIC SHEARS WITH THE SHORT-PITCH TECHNIQUE POTENTIALLY INCREASES THE RISK OF THERMAL INJURY DURING THE SURGERY Kazunori Shiba, MD, PhD, FACS, Fumi Joden, MD, Yasuhiro Adachi, MD, Yuzan Kudo, MD, Takehide Tajima, MD, Kohi Shiro, MD, Nobutaka Matayoshi, MD, Ryota Murayama, MD, Norhiro Sato, MD, PhD, Keiji Hirata, MD, PhD; University of Occupational and Environmental Health

P424 IN-LINE RADIO FREQUENCY ABLATION – OUR SOLUTION TO TREAT LIVER SURFACE LESIONS NOT AMENABLE WITH ROUTINE RFA PROBES P Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Parthasarathi, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

P425 NEW METHOD FOR QUANTITATIVE ANALYSIS OF TISSUE ISCHEMIA USING ICG: ANIMAL AND HUMAN MODELS Shangli Liu, MD1, David Owens1, Domingo Montalvo1, MD1, Toshiaki Suzuki, MD1, Garth R Jacobsen1, MD1, Jonathan DeLong1, MD1, Jessica J Reynolds1, MD1, Ran B Luo1, MD1, Bryan J Sandler1, MD1, Santiago Horgan, MD1; 1UCSD Healthcare Systems, 2UCSD Department of Computer Science

P426 COMPARISON OF TRADITIONAL BLUNT VS NOVEL TROCAR KNIFE SPREADING FOR SPECIMEN EXTRACTION FOLLOWING SLEEVE GASTRECTOMY - A PRELIMINARY ANALYSIS Punam Patel, MD1, Steven Udelhofen, MD, Mustafa Alibhai, MD, Lauren Reeves, Alejandra Mora, Terive Duperier, MD, Michael Seger, MD, Richard Englehardt, MD; BMI of Texas

P427 COST SAVING AND INFECTIOUS WASTE MINIMIZATION IN LAPAROSCOPIC APPENDECTOMY USING DOUBLE LIGATION CLIPS FOR CLOSING THE APPENDICEAL STUMP Naofumi Yoshida, PhD, MD1, Yusuke Watanabe, PhD, MD1, Motoya Takeuchi, PhD, MD1, Masanobu Kusano, PhD, MD1, Yuma Ebihara, PhD, MD1, Satoshi Hirano, Prof, PhD, MD1; 1Department of Gastroenterological Surgery, Sapporo Kyoritsu Gorinbashi Hospital, 2Department of Gastroenterological Surgery II, Hokkaido University Graduate School of Medicine

P428 INTRAOPERATIVE EVALUATION OF LYMPH NODE STATUS FOR GASTRIC CANCER USING MEMS-BASED THREE-DIMENSIONAL OPTICAL COHERENCE TOMOGRAPHY: A PILOT STUDY Hao Liu, MD1, Li Lin, MS1, Donglin Wang, PhD1, Huikai Xie, Prof1, Luyao Wang, PhD1, Guoxin Li, Prof1; 1Nanfang Hospital, Southern Medical University, Guangzhou, China, 2Wuxi WIO Technologies Co., Ltd., Wuxi, China, 3University of Florida, Gainesville, Florida, USA, 4School for Radiological and interdisciplines Sciences (RAD-X), Soochow University, Suzhou, China

P429 PREDICTING POST-OPERATIVE OUTCOMES: UTILISATION OF WEARABLE ACTIVITY SENSORS A Abeles, BSc, MBBS, MRCS, R M Kwasnicki, BSc, MBBS, PhD, L Geoghegan, P Pratt, BSc, PhD, A Darzi, KBE, PC, FRCS, FRMedSci; Imperial College London

P430 NOVEL MINIMALLY INVASIVE SURGICAL APPROACHES: NOTES, SINGLE PORT, MINILAPAROSCOPY, ROBOTIC SURGERY: WHICH IS THE PREFERRED CHOICE AMONG PATIENTS? PRELIMINARY RESULTS. Diego L Lima, MD, Gustavo L Carvalho, MD, PhD, Gustavo B Alves de Carvalho, Arthur M Bandim; University of Pernambuco

P431 ARTIFICIAL PALPATION WITH DA VINCI SURGICAL ROBOT USING A NOVEL HAPTIC FEEDBACK SYSTEM Yen-Yi Juo, MD, MPH1, Ahmad Abiri2, Anna Tao2, Jake Pensa3, Christina Hanna3, Syed J Askari4, Warren Grundfest5, MD, Erik Dutson, MD1; 1Department of Surgery, University of California, Los Angeles, 2Department of Bioengineering, University of California, Los Angeles, 3Center for Advanced Surgical and Interventional Technology, University of California, Los Angeles, 4Department of Bioengineering, Electrical Engineering, and Surgery, University of California, Los Angeles

P432 CONTROL OF INFERIOR VENA CAVA BLEEDING DURING LAPAROSCOPIC SURGERY USING A DOUBLE BALLOON-EQUIPPED CENTRAL VENOUS CATHETER: PROOF OF CONCEPT IN THE LIVE PORCINE MODEL Yukio Iwashita, Hiroki Uchida, Hiroomi Takayama, Masamitsu Ichimanda, Hajime Fujisawa, Kunihiro Saga, Kazuhiro Tada, Takao Hara, Kiminori Watanabe, Teijiro Hiroshita, Yuichi Endo, Masayuki Ohka, Masafumi Inomata; Oita University Faculty of Medicine

P433 SURGICAL SMOKE AS POTENTIAL BIOHAZARD: IS VIRAL DNA CONTAINED? Shigeo Higashi1, Yasuhiro Miyazaki2, Tomonori Makino1, Tsuyoshi Takahashi1, Yukinori Kurokawa1, Makoto Yamasaki2, Shuji Takiguchi1, Masaki Mori1, Yuichiro Dokidokio1, Kiyokazu Nakajima1; 1Division of Next Generation Endoscopic Intervention (Project ENGINE) Global Center for Medical Engineering and Informatics, Osaka University, Osaka, Japan, 2Department of Gastroenterological Surgery Osaka University Graduate School of Medicine, Osaka, Japan

P434 THREE-DIMENSIONAL MODELING OF COMPLEX VISCERAL MALROTATION FOLLOWING POSTTRAUMATIC DIAPHRAGMATIC HERNIA Timothy J Schiffner, MD1, 2; Richard L Izzo1, 2, Ciprian N Ionita, PhD1, 2, Steven D Schwartzberg, MD1, 2; 1Dept of Surgery, SUNY at Buffalo, 2Dept of Biomedical Engineering, Toshiba Stroke and Vascular Research Center, SUNY at Buffalo

P435 SINGLE PORT SURGERY PLUS ONE PUNCTURE (POP-SPS): A NOVEL LESS INVASIVE TRANSABDOMINAL PERITONEAL REPAIR FOR GROIN HERNIA: Junko Takita, MD1, Nonhiro Masuda, MD, PhD1, Nonhiro Haga, MD, PhD1, Hideo Ogata, MD, PhD1, Yuta Shibusaki1, Hiroiuki Kuwano1; 1Dept. of Surgery, NHO National Utsunomiya Hospital, 2Dept. of the First Surgery, Gunma University

P436 MICROLAPAROSCOPIC SURGERY IS SAFE IN THE BARIATRIC POPULATION: A SINGLE SURGEON’S EXPERIENCE Rachel B Scott, DO, Rima Ahmad, MD, Randy L Tigue, MD, Keith A Zuccala, MD; Danbury Hospital

P437 A GROUND TRUTH 3D VIDEO DATA SET FOR AUGMENTED REALITY ROBOTIC MIS ALGORITHMS Michael Barrow, MS1, Shanglei Liu, MD1, Nelson Ho, BS1, Ryan Kastner, PhD1, Sonia Ramamoorthy, MD1; 1UCSD Department of Computer Science and Engineering, 2UCSD Department of Surgery
P438 INITIAL EXPERIENCE OF ELECTRO STIMULATION DEVICE (ENDOSTIM®) THERAPY ON PATIENTS WITH RECURRENT GEMD AFTER FUNDOPICATION FAILURE. PRELIMINARY REPORT. David Aquire- mar, MD, MMHB, MBA, MD, PhD;1 Genaro Vazquez, MD, MDH,2 Eduardo Giasi, MD;1 Mt Rickman, MD;2 1ITESM School of Medicine, 2Medical Arts Institute, ‘SSANL SS

P439 LAPAROSCOPIC SPLEEN-PRESERVING DISTAL PANCREATECTOMY IN PATIENTS WITH LOW-GRADE MALIGNANT TUMORS Yujo Kawashita, MD, Takashi Ueda, MD, Naonori Hazeyama, MD, Nobuhiro Shinh, MD; Department of Endoscopic Surgery, Fukuoka Seisyuuki Hospital

P440 LAPAROSCOPIC REPEAT HEPATECTOMY FOR CASES OF RECURRENT LIVER CANCER FOLLOWING OPEN HEPATECTOMY Taiza Wakabayashi, Yuta Abe, Osamu Itano, Masahiro Shinoda, Minoru Kitago, Hiroshi Yagi, Taizo Hibi, Takuya Minagawa, Yoko Kitagawa; Department of Surgery, Keio University School of Medicine

P441 LAPAROSCOPIC RESSECTION AND OUTCOMES OF CYSTIC NEOPLASMS OF PANCREAS: TERTIARY CARE CENTRE EXPERIENCE FROM SOUTH INDIA P Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Partha sarathathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

P442 BIOINFORMATICS IDENTIFICATION OF RARE CODON CLUSTERS IN HBV GENOME AND EVALUATION OF RCSS IN HBV PROTEINS STRUCTURE OF HEPATITIS B VIRUS Abdorrasoul Malekpour1, Saeid Gholamzadeh1, Saeideh Zahedi2, Mohammad Zarenehzad3, Mojtaba Mortazavi1;1 Legal Medicine Research Center, Legal Medicine Organization of Iran, Tehran, Iran, 2Institute of Science and High Technology and Environmental Science, Graduate University of Advanced Technology, Kerman, Iran

P443 CHANGING PATTERN IN LAPAROSCOPIC INTERNAL DRAINAGE OF PANCREATIC PSEUDOCYST: EXPERIENCE FROM A TERTIARY CENTRE IN SOUTH INDIA P Senthilnathan, R Partha sarathathi, S Rajapandian, P Praveen Raj, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, C Palanivelu; GEM Hospital & Research Centre

P444 LAPAROSCOPIC MANAGEMENT OF CHRONIC CALCIFIC PANCREATEITIS: A FIFTEEN YEAR EXPERIENCE OF A TERTIARY CARE CENTER FROM SOUTH INDIA P Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Partha sarathathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

P445 COMPARATIVE ANALYSIS OF THE PERIOPERATIVE AND ONCOLOGIC OUTCOMES BETWEEN RA-LDP AND LDP Ki Byung Song, PhD, Song Cheol Kim, PhD, Jaewoo Kwon, Seunghyun Hwang, Chung Hyeun Ma, Kwang-Min Park, Young-Joo Lee, Da Wook Hwang, Jae Hoon Lee, Bong Jun Kwak, Seong-Ryong Kim, Sang Hyun Shin; Division of Hepatobiliary and Pancreatic Surgery, Department of Surgery, Ulsan University College of Medicine and Asan Medical Center

P446 LAPAROSCOPIC PANCREATICO-JEJUNOSTOMY: STAPLED & SUTURED TECHNIQUES Ajay H Bhandarwar, MS,1 Eham L Arora1, Raj Gaibhie, MS2, Saurabh S Gandhi, MS1, Chintan B Patel, MS,1 Amol N Wagh, MS,1 Priyank D Kothari1;1 Grant Government Medical College & Sir J J Group of Hospitals, Mumbai, India, 2Government Medical College, Nagpur, India

P447 INDOCYANINE GREEN FLUORESCENT IMAGING FOR PREVENTION OF BILE LEAKAGE AFTER LAPAROSCOPIC DEROOFING FOR GIANT HEPATIC CYST. Takeyuki Misawa, MD, PhD, Shuichi Fujioka, MD, Hiroaki Kitamura, MD, Yu Kumagai, MD, Tadashi Akiba, MD; The Jikei University Kashio Hospital

P448 BILARY CYSTADENOMA IN LEFT LIVER WITH A SOLID COMPONENT EXTENDING INTO HILAR BILARY CONFLUENCE Sokul Shanker, MS, DNB, MBA, Anand Bharathar, MS, DNB, Vadiraj Hunmur, MS, Hariprasad Duraisamy, MS; vgm gastro centre

P449 SOFOBUVIR AND LEDIPASVIR IN ATTAINMENT OF SVR12 IN SICKLE CELL DISEASE (SCD) SUB-POPULATION WITH CHRONIC HEPATITIS C (CHC). A SINGLE CENTER PROSPECTIVE OPEN LABEL CLINICAL PILOT STUDY - SLASH CTRIAL P Patrick Basu1, Niraj J Shah2, Nimy John3, Mark M Aloysius4, Ked Fortuzi5; 1Columbia Presbyterian Hospital, New York, 2University of Mississippi Medical Center, 3St. Vincents Hospital, Worcester, MA, 4James J. Peters VA Medical Center, Ichon School of Medicine at Mount Sinai, NY, 5King’s County Hospital Medical Center, NY

P451 FEASIBILITY AND SAFETY OF LAPAROSCOPIC LIVER RESECTION FOR HEPATIC MALIGNANCES Takeshi Gocho, MD, PhD, Yuichi Nakaseko, MD, Koichi Haruki, MD, PhD, Yuki Takano, MD, Fumitake Suzuki, MD, Shinji Onda, MD, PhD, Michinori Matsumoto, MD, PhD, Taro Sakamoto, MD, Shigeki Wakiyama, MD, PhD, Takeyuki Misawa, MD, PhD, Yuichi Ishida, MD, PhD, Katsuhiko Yanaga, MD, PhD; Jikei University School of Medicine

P452 THE FUNCTIONAL ROLE OF C/EBPA AND C/EBPB IN HEPATOCELLULAR CARCINOMA Xiaoyang Zhao, PhD, Nagy Habib, Professor; Imperial College London

P453 VIDEO-ASSISTED RETROPERITONEAL DEBRIDMENT FOR ACUTE NECROTIZING PANCREATEITIS: A CASE SERIES Brent D Bauman, MD, Victor Vakayil, MBBS, Steuart Amateau, MD, Malavika Chandrasekar, BS, Martin Freeman, MD, James V Harmon, MD, PhD; University of Minnesota

P454 LAPAROSCOPIC DISTAL PANCREATECTOMY – AN ANALYSIS OF SEVENTEEN YEARS OF EXPERIENCE FROM A TERTIARY CARE CENTER IN SOUTH INDIA P Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, Dilip Gode, R Partha sarathathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

P455 EVALUATION OF SUPERIORITY OF C/EBPα AND C/EBPβ EXPRESSION IN HEPATOMA IN THE CAUDATE LOBE IN COMPARISON WITH THE OPEN APPROACH Masaya S Aikawa, MD, Mitsuo Miyazawa, MD, Yukihito Watanabe, MD, Katsuya Okada, MD, Kojun Okamoto, MD, Shinichi Sakamoto, MD, Hiroshi Sato, MD, Shigeki Yamaguchi, MD, Isamu Koyama; Saitama Medical University, International Medical Center

P456 A STUDY ON SINGLE INCISION LAPAROSCOPIC FENESTRATION FOR SYMPTOMATIC LIVER CYSTS Tomotaka Ishii, Manabu Watanabe, Koji Asai, Hiroshi Matsukiyo, Tomoaki Saito, Manabu Kujiraoka, Toshiyuki Enomoto, Natsuya Katada, Yoshihisa Saida, Shinya Kusachi; Toho university ohashi medical center,surgery department

P457 EFFECT OF LAPAROSCOPIC LIVER RESSECTION ON HEPATIC FUNCTIONAL RECOVERY: A STUDY OF PATIENTS WITH HEPATOCELLULAR CARCINOMA WITH HEPATITIS C TREATED WITH DAA FOLLOWING HEPATOCELLULAR CARCINOMA RESECTION Mitsuo Miyazawa, MD, FAC1, Masaya S Aikawa, MD2, Katsuya Okada, MD, Yukihito Watanabe, MD2, Kojun Okamoto, MD2; 1Teikyo University Mizonokuchi Hospital, 2Saitama Medical University International Medical Center

P458 ASSESSMENT OF THE FEASIBILITY AND SAFETY OF EXPERTS COACHING TRAINEES: REVIEW OF LAPAROSCOPIC HEPATECTOMY RESULTS Shigemori EI1, Osamu Itano2, Go Oshima1, Masanori Oda1, Reichtrof Kitahama1, Hiroshi Uchida2, Shingo Maeda2, Yasumasa Koyama1, Satoshi Ako1; 1Department of Surgery, Eiju general hospital, Tokyo, Japan, 2Department of surgery, Keio university, Tokyo, Japan

P459 THE ROLE OF AUGMENTED REALITY BY ICG IMMUNOFUORESCENCE IN PURE LAPAROSCOPIC HEPATECTOMY FOR HCC AND CIRRHOSIS - A PROPENSITY SCORE ANALYSIS Tam To Cheung; The University of Hong Kong

P460 INDICATION FOR EN BLOC PANCREATECTOMY WITH COLECTOMY: WHEN IS IT SAFE? Patrick B Schwartz BS1, Alexa M Roch, MD, MS2, William P Lancaster, MD, E M Killibane, RN, BSN4, Michael G House, MD3, Nicholas J Zyromski, MD1, C M Schmidt, MD, PhD, MBA1, Atilla Nakaebe, MD3, Eugene P Ceppa, MD5, 1Department of Surgery, Indiana University School of Medicine, Indianapolis, IN, 2Department of Nursing, Indiana University Health, Indianapolis, IN
P462 PERIOPERATIVE AND SHORT TERM OUTCOMES OF LAPAROSCOPIC HEPATECTOMY OF 41 CONSECUTIVE PATIENTS FROM A TERTIARY CARE INSTITUTE P Senthilnathan, R Parthasarathi, S Rajapandian, Anand Vijay, V P Nalankilli, C Palanivelu, Kailash Chandra dhaker; GEM Hospital & Research Centre

P463 CAUDATE LOBE LIVER ABSCESSES: EARLY LAPAROSCOPIC DRAINAGE IS RECOMMENDED U Dhir, S Singhvi, S Rawat; Sir Ganga Ram Hospital, New Delhi

P465 UNAIDED LAPAROSCOPIC LIVER RESSECTION BY A NOVEL METHOD YoungRok Choi, Ho-Seong Han, Yoo-Seek Yoon, Jae young Cho, Jeo Seang Jang, Seong Wook Kwon, Sungho Kim, Jangkyu Choi; Seoul National University Bundang Hospital

P466 INITIAL EXPERIENCE OF ARTERY FIRST APPROACH IN LAPAROSCOPIC PANCREATOBDUodenectomy P Senthilnathan, R Parthasarathi, S Rajapandian, P Praveen Raj, Anand Vijay, V P Nalankilli, G Srivatsan, Sandeep Sabinis, C Palanivelu; GEM Hospital & Research Centre

P467 USE OF INTERNAL FIDUCIAL MARKERS AND COMPUTER MODELING TO AID IMAGE-GUIDED LIVER SURGERY Toan B Nguyen1, Aman B Ali, MD2, Marc Garvey, PhD3, Brian J Dunkin, MD3; ‘University of Houston, ‘Methodist Institute for Technology, Innovation and Education - Houston Methodist Hospital

P468 LAPAROSCOPIC LIVER RESSECTION FOR LOCALLY RECURRENT HEPATOCELLULAR CARCINOMA Yuta Abe, MD, Osamu Itano, MD, Takuya Minagawa, MD, Hiroshi Hagiwara, MD, Hiroshi Yagi, MD, Taizo Hibi, Yoko Kitagawa; Keio University Department of Surgery

P469 COMPARATIVE ANALYSIS OF THE OUTCOME BETWEEN OPEN AND LAPAROSCOPIC PARTIAL LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA Satoru Imura, Atsushi Takata, Toshiaki Yoshimoto, Masato Yoshikawa, Hiroki Teraoku, Daichi Ishikawa, Yu Saito, Shuichi Iwashashi, Tetsuya Ikemoto, Yuji Morine, Mitsuo Shimada; Tokushima University

P471 LEFT LATERAL SECTIONECTOMY FOR HCC: FEASIBILITY, SAFETY AND EFFECTS Long Tran Cong Duy, MS, Thuan Nguyen, MS, Dat Le, MD, Viet Dang, Phu Pham; University Medical Center - Ho Chi Minh City

P472 NON-ANATOMIC RESSECTION OF HEPATOCELLULAR CARCINOMA: COMPARATIVE STUDY OF BIPOLAR RADIOFREQUENCY DEVICE (HABB 4 X) VERSUS ULTRASONIC SHEAR (HARMONIC SCALPELI) Sherief A Saber, MD1, Gamal I Moussa, PhD2, Ossama H Elkhadrawy, PhD3, Tarek M Ibrahim, PhD4, Hamdy S Abd Alla, PhD5, Mohamed H Abo-Raya, PhD5, Ahmed A Alshoora, MD5, Sherief M Algarf, MSc, Ahmed S Arif, MSc, Tamer Almahdy, MSc, Ahmad Abd Alrahman, MSc, Mahmoud A Eissa, MSc, Mostaffa Allam, MSc, Amre S Gharsa, MSc, Faculty of medicine, Tanta university Hospital; ‘National Liver Institute, Menofiya University, Egypt

P473 CLINICAL EXPERIENCE AND FEASIBILITY OF TOTALLY LAPAROSCOPIC LIVING DONOR RIGHT HEPATECTOMY Young Seok Han, MD, Jae Min Chun, MD, Heon Tak Ha, MD; Department of Surgery, Kyungpook National University School of Medicine, Kyungpook National University Hospital

P474 LAPAROSCOPIC PANCREATICOBDUodenectomy IS SAFE, FEASIBLE, AND HAS THE ACCEPTABLE ONCOLOGICAL OUTCOMES FOR PANCREATIC CANCER Weiwei Jin, MD1, Chao Lu, MS2, Yiping Mou, MD3, FAC5, Yucheng Zhou, MS3, Chaojie Huang, MS4; ‘Zhejiang University School of Medicine, Zhejiang Provincial People's Hospital; ‘Zhejiang Provincial People's Hospital

P475 LAPAROSCOPIC MANAGEMENT OF PANCREATIC NEUROENDOCRINE TUMORS - AN EXPERIENCE FROM A TERTIARY CARE CENTRE IN SOUTH INDIA P Senthilnathan, R Parthasarathi, S Rajapandian, P Praveen Raj, Anand Vijay, V P Nalankilli, G Srivatsan, Sandeep Sabinis, C Palanivelu; GEM Hospital & Research Centre

P476 SINGLE-INCISION LAPAROSCOPIC RIGHT POSTERIOR SECTIONECTOMY BY EXTRAGLISSONIAN APPROACH FOR HEPATOCELLULAR CARCINOMA: A CASE REPORT Shu-Hung Chuang, MD, PhD1,2, Hon-Phin Wong, MD, JD,3, Min-Chang Hung, MD, PhD1,2, Shin-Wei Huang, MD, PhD1,2, Dev-Aur Chou, MD, PhD1,2, Hurng-Sheng Wu, MD, PhD1,2; IRCAD-AITs Show Chwan Health Care System, Changhua, Taiwan, 2Division of General Surgery, Department of Surgery, Show Chwan Memorial Hospital, Changhua, Taiwan

P477 TREATMENT OF BARIATRIC SURGERY LEAKS BY ENDOSCOPIC INTERNAL DRAINAGE CATHERPLACE Placement Courtney Cripps, MD, Sarah Sabrudin, Mitchell Roslin, MD, FACS; Northwell Health-Lenox Hill Hospital

P478 LAPAROSCOPIC GASTRIC BYPASS IMPROVES PULMONARY FUNCTION IN PATIENTS WITH INTERSTITIAL LUNG DISEASE Monica T Young, MD, Joshua M Mourot, MD, Hope T Jackson, MD, Alejandro Rodriguez, MD, Andrew S Wright, MD, Marcelo Hinojosa, MD, Brant K Oelschläger, MD, Ganesh Raghu, MD, Saurabh Khandelwal, MD; University of Washington Medical Center

P479 GASTRIC POUCH LENGTH IS ASSOCIATED WITH GERD AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Tarik D Madni, MD, Jonathan Imran, MD, Erica Hodgman, MD, Audra Clark, MD, Daniel J Scott, MD, Tjas Hranjec, MS, MD, Sara A Hennessy, MD; University Of Texas Southwestern Medical Center

P480 QUALITY OF LIFE OUTCOMES IN BARIATRIC SURGERY: IMPROVEMENTS IN ANXIETY AND DEPRESSION DO NOT CORRELATE WITH POSTOPERATIVE WEIGHT LOSS Eliza A Conaty, BS1, Sydney Gordon1, Brittany Lapin, PhD2, Woody Denham, MD3, John G Linn, MD3, Stephen P Haggerty, MD4, Kristine Kuchta, MSc5, Zeeshan A Butt, PhD5, Michael B Ujiki, MD6; ‘NorthShore University HealthSystem, ‘Northwestern University

P481 METABOLIC SYNDROME IS A SIGNIFICANT PREDICTOR OF POSTOPERATIVE MORBIDITY AND MORTALITY FOLLOWING BARIATRIC SURGERY Kathleen L Simon, MD, Melissa C Helm, BS, Jon C Gould, MD; Medical College of Wisconsin

P482 TECHNICAL TRICKS FOR SAFER LAPAROSCOPIC SLEEVE GASTRECTOMY Derya S Uyagu1, MD1, Orhan Agcaoglu, MD1, Onur Bayram, MD1, Cagri Bilgic, MD, Gorkem K Ozgen, MD2, Yunus Yavuz, MD2; ‘Koc University, School of Medicine, Department of General Surgery, ‘VM Medical Park Hospital, Bahcesehir

P483 MANAGING GASTRIC BAND FAILURE: CONVERSION TO BYPASS, SLEEVE, OR REMOVAL ALONE Matthew L Dono, MD, MPH1, Daniela Guevara, MD, Subhash Kini, MD, Eric Edwards, MD, Daniel Herron, MD, Gustavo Fernandez-Ranvier, MD; Icahn School of Medicine at Mount Sinai

P484 ALLEVIGATION OF MORBID OBESITY AND ITS ASSOCIATED COMORBIDITIES VIA LAPAROSCOPIC SLEEVE GASTRECTOMY Uday S Sibia, MD, Raquel Redondo, MD, Adam S Weltz, MD, Olmos Holmatova, MD, Paxton Paganelli, Hamid R Zahiri, DO, Timothy R Turner, PhD, Alejandro Gandsas, MD; Anne Arundel Medical Center

P485 EVALUATION OF LEARNING CURVE AND OUTCOMES OF LAPAROSCOPIC SLEEVE GASTRECTOMY BASED ON 4-YEAR EXPERIENCE OF A SINGLE SURGEON. Anna Novikova, MD, Diego R Camacho, MD; Montefiore Medical Center

P486 EFFECTS OF AN OUTPATIENT INFUSION PATHWAY ON 30-DAY READMISION RATE FOLLOWING BARIATRIC SURGERY William P Main, DO1, Amy E Murphy, DO1, Lala R Hussain, MSc1, Katherine M Meister, MD1, Kevin M Tymitz, MD1; ‘Good Samaritan TriHealth Hospital, ‘TriHealth Hatton Research Institute

P487 PROSPECTIVE ASSESSMENT OF POSTOPERATIVE NAUSEA AFTER BARIATRIC SURGERY Adam C Celio, MD, Matthew B Burruss, MD, Walter J Pories, MD, Konstantinos Spaniolas, MD; East Carolina University

P488 LIVER DISEASE INCREASES BLEEDING COMPLICATIONS AFTER PRIMARY SLEEVE GASTRECTOMY Ye Tian, BA1; Jared Cappelli, RN, BS2, Hallie Nelson, BS1, Xinyi Shen, BS1, Ann M Rogers, MD, FACS2; ‘Penn State College of Medicine, ‘Penn State Hershey Medical Center
P500 OUTCOMES OF LAPAROSCOPIC HIATAL HERNIA REPAIR IN CRIRRHTIC PATIENTS WITH PORTAL HYPERTENSION Zubaidaah Nor Hanipah, MD, Suriya Punchai, MD, Gautam Sharma, MD,2 Stacey Brthreather, MD, Ali Aminian, MD,1 Philip Schauer, MD,1; Bariatric and Metabolic Institute, Cleveland Clinic, 1Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic

P504 RISK FACTORS FOR EARLY (<90 DAYS) POST-OPERATIVE MARGINAL ULCERS POST-ROUX-EN-Y GASTRIC BYPASS Sara Mansfield, MS, MD, Andrew Suozo, BS, Dathe Benissen-Messan, MD, Saranya Prathibha, BS, Bradley Needleman, MD, Sabrena Noria, MD, PhD; Division of General and Gastrointestinal Surgery, Center for Minimally Invasive Surgery, The Ohio State University Wexner Medical Center

P505 A PROPOSED PREDICTION MODEL FOR SUCCESSFUL OUTCOME AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Michal R Janik, MD, Tomasz G Rogula, MD, PhD, Rami R Mustafa, Adel Alhaj Saleh, MD, Mujiyahid Abbas, MD, Leena Khaitan, MD; University Hospital Cleveland Medical Center / Case Western Reserve University, Cleveland, US

P506 PREDICTIVE FACTORS OF 30-DAY READMISSION AFTER BARIATRIC SURGERY IN A PUBLICLY-FUNDED BARIATRIC CENTER: A MULTIVARIATE ANALYSIS Jerry T Dang, BSc, MD1; Noah J Switzer, BSc,2 Xinmzhe Shi, MPH2, Chad A McCubrey, MD2,3; Cleveland Clinic, 1Cleveland Clinic, 2Harvard Medical School, 3Department of General Surgery, Cleveland Clinic, 3Centre for the Advancement of Minimally Invasive Surgery (CAMS), Royal Alexandra Hospital

P509 ENDOSCOPIC WEIGHT LOSS BALLOON: 3 YEARS EXPERIENCE IN AN AMBULATORY ENDOSCOPY UNIT Daniel Gomez, MD; ENDOOLAP

P510 IMPACT OF BARIATRIC SURGERY ONAMBULATION STATUS IN PATIENTS WITH IMPAIRED MOBILITY Gaurum Sharma,1 Suriya Punchai, MD,1 Ivy N Haskins, MD,1 Zubaidah Nor Hanipah, MD,1 Jingliang Yan, MD,1 Amelia Dorsey, MD, Andrew T Strong, MD,1 John H Rodriguez, MD,1 Stacy A Brethauer, MD,2 Philip R Schauer, MD,2 Matthew Kroh, MD,1; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic, 1Bariatric and Metabolic Institute, Cleveland Clinic

P511 THE EFFECT OF OBESITY-RELATED COMORBIDITIES ON 30-DAY COMPLICATION RATE AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Timothy vanessa S Falk, MD1; David Pace, MD,1 Chris Smith, MD,1 Darrell Boone, MD,2 Raleen Murphy, NP,1 Deborah Gregory, PhD,1 Laurie Twells, PhD,1; Memorial University of Newfoundland, University of Alberta, 1Memorial University of Newfoundland

P512 INTRA-GASTRIC BOLLEAS FOR OBESITY, EXPERIENCE OF ONE INSTITUTION IN THAILAND: A CASE SERIES, Sarrath Suwiphong, Dr1; Panot Yimcharoen, Dr,2 Suthipong Treeratana, Dr,2 Setthasiri Pantanakul1; ‘Bhumibol Adulyadej Hospital’, Private Practice

P513 THE EFFECT OF HEALTH SYSTEM FACTORS ON OUTCOMES AFTER BARIATRIC SURGERY IN A UNIVERSAL HEALTHCARE SYSTEM A NATIONAL COHORT STUDY OF BARIATRIC SURGERY IN CANADA Arithstis Doumouras1, Fady Salim,2 Sama Anvari,2 Scott Gmura,2 Mehran Anvari,2 Dennis Hong3; McMaster University, 1St. Joseph’s Healthcare

P514 IS CONVERSION FROM A LAPAROSCOPIC GASTRIC BAND TO LAPAROSCOPIC SLEEVE GASTRECTOMY SAFE AND EFFICACIOUS? Vishwanath Dantuluri, MD, Oliver Whipple, MDS, FACS, Katherine Bayasinger, MD, Craig Smith, MD, Andrew Schwemmer, MD, Leslie Merideth, Patrick Chang, MPH; Mercer University

P515 IATROGENIC SPLENECTOMY DURING BARIATRIC SURGERY: EARLY POSTOPERATIVE OUTCOMES JULIETTA CHANG, MD, Amin Andalib, MD1, Zhamak Khorgami, MD,1 Stacy Brethauer, MD,1 Philip Schauer, MD,1 Ali Aminian, MD,1; Cleveland Clinic Foundation, 1McGill University, 1University of Oklahoma

P516 Withdrawn
P519 DOES BARIATRIC SURGERY ALTER PATIENTS' LEVEL OF INTEREST IN FITNESS PROGRAMS AND THEIR PERCEIVED BARRIERS TO EXERCISE? Derrick Wu, MA, Ambar Banerjee, MD, Annabelle Butler, MD, Jennifer Choi, MD, Don J Selzer, MD, William Hilgendorf, PhD, HSPP; Indiana University

P520 ENDOSCOPIC MANAGEMENT OF SEVERE DUMPING SYNDROME AFTER BARIATRIC SURGERY Ariel Shuchleib, PhD, Natan Zundel, MD, Elias Chousleb; 1 New York Prebyterian Queens, 2 Jackson North Hospital

P521 ESTIMATING WEIGHT LOSS TRAJECTORIES IN LAPAROSCOPIC SLEEVE GASTRECTOMY AND ROUX-EN-Y GASTRIC BYPASS PATIENTS Daniel Lomelin, MPH, Priscila R Arjou, MD, Austin Wheeler, TAMMY L Kindel, MD, PhD; Vishal Kothari, MD; 1 University Of Nebraska College of Medicine, 2 University of Nebraska Medical Center, 3 Medical College of Wisconsin

P522 DEMOGRAPHICS AND SOCIOECONOMIC STATUS AS PREDICTORS OF WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Amani Jambhekar, MD, Amy Maselli, MD, Shawn Robinson, MD, Krystyna Kabata, PA, Piotr Gorecki, MD; New York Methodist Hospital

P523 THE UTILITY OF PREOPERATIVE UPPER ENDOSCOPY IN PATIENTS UNDERGOING BARIATRIC SURGERY J Chen, MD, R Patel, Y Zhai, MPH, A Trane, A Langell, E Morrow, MD, R Glasgow, MD, A Ibele, MD, E Volkman, MD; University of Utah

P524 SAFETY AND OUTCOME OF REVISION BARIATRIC SURGERY INVOLVING CONVERSIONS: A RETROSPECTIVE ANALYSIS Saurabh Sharma, MBBS, MS, Dina Corjuc, Ninan Koshy, MBBS, Koji Park, MD, E John Harvey, MD, MRCS, James McGinty, MD; IBMIS Mount Sinai St. Luke's Hospital

P525 BARIATRIC SINGLE ANASTOMOSIS GASTRIC BYPASS: A SINGLE SURGEON EXPERIENCE OF 532 PATIENTS Abu-Abdeh Subhi, MD, Niv Pencovich, MD, PhD, Yonatan Lessing, MD, Marian Khatib, MD; tasmc

P526 IMPLEMENTING THE ASCVD SCORE TO ASSESS RISK REDUCTION AFTER A BARIATRIC SURGERY. David Gutierrez Blanco, MD, David Romero Funes, MD, Federico Perez Quirante, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raúl J Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

P527 EFFECTS OF BARIATRIC SURGERY ON SLEEP APEA Babak Katiraei, MD; Peter Powles, MD, FRACP, FRCP, ABSM; Maria Tiboni, MD, FRCP, Dr. Dennis Hong, MD, MSc, FRCS, FACS; Scott Grmora, MD, FRCS, FACS; Mehran Anvari, MB, BS, PhD, FRCS, FACS; Centre for Minimal Access Surgery (CMAS), St Joseph's Healthcare, Hamilton, ON, Canada

P528 IMPACT OF LAPAROSCOPIC SLEEVE GASTRECTOMY ON GASTROESOPHAGEAL REFLUX DISEASE Asham R Saad, MD, Lauren Goss, MSHP, Britney Corey, MD, Richard D Stahl, MD, Jayleen Grams, MD; University of Alabama at Birmingham

P529 LAPAROSCOPIC MINIGASTRIC BYPASS VS LAPAROSCOPIC SLEEVE GASTRECTOMY- METABOLIC SURGERY FOR MORBID OBESITY WITH REMISSION OF DIABETES AND-RELATED COMORBIDITIES AND EFFECTIVE WEIGHT LOSS Ayaj H Bhandarwar, MS, Saurabh S Gandhi, MS, Chintan B Patel, MS, Amol N Wagh, MD, Priyank D Kothari, Eam L Arora; Grant Government Medical College

P530 BARIATRIC SURGERY IN ADOLESCENTS: BAND VS. SLEEVE VS. GASTRIC BYPASS Marcos Berry, MD, Lionel Urrutia, MD, José Quezada, MD, Clínica Las Condes

P531 LAPAROSCOPIC SLEEVE GASTRECTOMY- AN IMAGE-BASED GUIDE TO COMMON POSTSURGICAL FAILURE Fabio Garofalo, MD; Karl Sayegh, MD; Omar Abouzahr, MD; Henri Atlas, MD; Garneau Pierre, MD; Ronald Denis, MD; Michel Philie, MD; Radu Pescarus, MD; 1 Hôpital Sacré-Coeur, 2McGill University Health Center

P532 CAN OMENTOPEXY AT THE TIME OF LAPAROSCOPIC SLEEVE GASTRECTOMY HELP WITH LONG TERM POSTOPERATIVE NAUSEA AND NAUSEA-RELATED COMPLICATIONS? Georgios Orthopoulou, MD, PhD, Partha Bhurtel, MBBS, Christopher Worrig, MD, Megan Goulard, NP, Anthony McClune, MD, FACS, FASMBS, Nicole Picqueux, MD, FASMBS; St. Elizabeth’s Medical Center

P533 DIAREM SCORE AS A PREDICTIVE TOOL FOR TYPE 2 DIABETES MELLITUS REMISSION IN LAPAROSCOPIC SLEEVE GASTRECTOMY VERSUS LAPAROSCOPIC ROUX-EN-Y GASTRIC BY-PASS Rafael Ramos Vecchio, MD, David Gutierrez Blanco, MD, David Romero Funes, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raúl Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

P534 GASTRIC LEAK MANAGEMENT IN SLEEVE GASTRECTOMY POSTOPERATIVE Luciano J Deluca, MD, Liliana B Parasporo, Patricio J Cal, MD, Tomas C Jakob, MD, Ezequiel O Fernandez, MD; Centro de Rehabilitacion Quirurgica de la Obesidad (CRQO)

P535 BARIATRIC SURGERY EARLIER IN LIFE LEADS TO IMPROVED OUTCOMES Myungwon Chang, MD, MPH, Teresa Bell, PhD, Annabelle Butler, MD, Jennifer Choi, MD, Dimitrios Stefanidis, MD, PhD, Don Selzer, MD, Ambar Banerjee, MD; Indiana University

P536 LAPAROSCOPIC SLEEVE GASTRECTOMY: SHORT TERM OUTCOMES WITH AND WITHOUT STAPLE LINE REINFORCEMENT Shauna M Levy, MD, MS, Chetan Ahir, MD, Matthew D Spann, MD, Wayne J English, MD, D. Brandon Williams, MD; Vanderbilt University Medical Center

P537 GASTROPARESIS FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY; ROUX-EN-Y IS THE CURE Vaidim Meytes, DO, Jonathan Gumer, DO, Mazen Iskandar, MD, George Ferzli, MD, FACS; NYU Lutheran Medical Center

P538 PORTOMESENTERIC VENOUS THROMBOSIS AS A COMPLICATION OF LAPAROSCOPIC SLEEVE GASTRECTOMY: A CASE REPORT Raman Kripmuri, MD, Christopher McHenry, MD, ViceChairman of Surgery, Christopher Brandt, MD, Chairman of Surgery, Jeffrey Claridge, MD, Sergio Bardano, MD, Director Metabolic Bariatric Surg; MetroHealth Medical Center - Case Western Reserve University

P539 SIMPLE, SAFE AND EFFECTIVE. THE MGB ADDED TO NISSEN SURGERY (MGBN): 15-YEAR OUTCOMES OF 1452 CASES FROM A SINGLE INSTITUTION 5 YEAR EXPERIENCE Ariel Shuchleib, MD, FACS, FASMBS; Cleveland Clinic Florida

P540 RESOLUTION OF METABOLIC COMORBIDITIES IN POST- SURGERY BARIATRIC PATIENTS: IMPACT ON THE QUALITY OF LIFE OF THE PATIENT Evelyn Dorado, MD, Viviana Orozco, Maria Victoria Lopez; FUNDACION VALLE DEL LILÍ

P541 POSTOPERATIVE HEMORRHAGE IN SLEEVE GASTRECTOMY: SINGLE INSTITUTION 5 YEAR EXPERIENCE Daniela Guevara, MD, Matthew L Dong, MD, MPH, Subhash Kini, MD, Eric Edwards, MD, Daniel Herron, MD, Gustavo Fernandez-Ranvier, MD; Icahn School of Medicine at Mount Sinai

P542 LAPAROSCOPIC GREATER CURVATURE Plication VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY: LONG-TERM RESULTS OF PROSPECTIVE RANDOMIZED TRIAL Vx. Grubnik, O. B. Osipanov, O. V. Medvedev, A. M. Orekesheva, M. S. Kresun, O. O. Odeda national medical university, Ukraine, M. Medical university Astana, Kazakhstan

P543 THE OUTCOME OF BARIATRIC SURGERY IN ADOLESCENTS Zubaidah Nor Hanipah, MD, Suria Punchai, MD, Gautam Sharma, MD, Emre Bucak, MD, Ali Aminian, MD, Stacy Brethauer, MD, Philip Schauer, MD; Bariatric and Metabolic Institute, Cleveland Clinic, Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic
P544 Predictors of increased length of hospital stay following laparoscopic sleeve gastrectomy from the national surgical quality improvement program Reed Fletcher, MD, Rebecca Deal, John Kubasiak, Alfonso Torquati, Philip Omotosho; Rush University Medical Center

P545 Comparative study between mini-gastric bypass and Roux-en-Y gastric bypass in Asian population Ajay H Bhandarwar, MS, Chintan B Patel, ms, Saurabh S Gandhi, MS, Amol N Wagh, MS, Eham L Arora, Priyank D Kothari; Grant medical college Mumbai

P546 Long-term hypovitaminosis D and secondary hyperparathyroidism outcomes of the Roux-en-Y gastric bypass: A systematic review Noah J Swisser1, Gabriel Marcil2, Shalvin Prasad1, Estefanos Debru1, Neal Church1, Philip Mitchell1, Emma Billington1, Richdeep Gill2; Department of Surgery, University of Alberta, Edmonton, Alberta, Canada, 2Department of Surgery, University of Calgary, Calgary, Alberta, Canada, 3Division of Endocrinology & Metabolism, Department of Medicine, University of Calgary, Calgary, Canada

P547 Laparoscopic revision of Roux-en-Y gastric bypass to distal bypass for weight regain: midterm outcomes Jamil Kendall1, Jason Spiker1, Faezeh Razjooyan1, Nabeel Zafar2, Kakra Hughes1, Edward Cornwell1, Terrence Fullum1, Daniel Tran1; Howard University College of Medicine, Howard University Hospital

P548 Endoscopic predictive value for diagnosing hiatal hernia in sleeve gastrectomy patients Rami R Mustafa1, Leena Khaitan, MD, MPH, Michal R Janik, MD, Adel Alhaj Saleh, MD, Mohammad Alshehri, MD, Seyed Mohammad Kalantar Motamedei, MD, MPH, Adil H Khan, MD, Tomasz Rogula, MD, Mujjahid Abbas, MB, BChir; University Hospitals Cleveland Medical Center/Case Western Reserve University

P549 Autophony after laparoscopic sleeve gastrectomy: A case report Emile B Fitzpatrick, MD, Brian M Nguyen, MD, Daniel B Jones, MD; Beth Israel Deaconess Medical Center

P550 Small bowel late perforated by phytobezoar after bypass gastrico y Roux Jose Elhan Alon Junior, MD, Raquel Albrecht, MB, MS; HOSPITAL CLINICAS DR. ALCAIN

P551 Presence and implication of celiac disease in bariatric surgery patients Lindsey Freeman1, Andrew T Strong, MD, Gautam Sharma, MD, Suriya Panchal, MD, John H Rodriguez, MD, Donald Kirby, MD, Matthew Kroh, MD; 1Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic, 2Dept. of Gastroenterology, Cleveland Clinic

P552 Mini gastric bypass causes successful weight loss without increasing objective evidence of acid/alkaline reflux – early experience from a tertiary care centre in India Pamawindra Lal, Director, Professor of Surgery, Sanjay Dhawan, Resident, Anubhav Vindal, Associate Professor; Maulana Azad Medical College, New Delhi, India

P553 Perioperative bleeding and blood transfusion is a major risk factor for venous thromboembolism following bariatric surgery Alex W Nielsen, BS, Melissa C Helm, BS, Matthew Bosler, BA, Jon C Gould, MD; Medical College of Wisconsin

P554 Implications of medicaid expansion on insurance coverage after bariatric surgery James H Mehaffey, MD, Eric J Charles, MD, Irving L Kron, MD, Bruce Schirmer, MD, Peter T Hallowell, MD; University of Virginia

P555 Comparison of laparoscopic Roux-en-Y gastric bypass with laparoscopic sleeve gastrectomy for type 2 diabetes patients Ke Gong, Nengwei Zhang, MD, Bin Zhu, Jirun Peng, MD, Dexiao Du, MD, Amin Buhe, MD; Department of General Surgery, Beijing Shijitan Hospital, Capital Medical University, Beijing, China.

P556 Early discharge does not increase readmission rate or complications following bariatric surgery Hatim A Alsulaim, MD, MPH, Aslam Ejaz, MD, MPH, Robin D Megill, MSPH, Lijiang Tang, BA, Michael A Schweitzer, MD, FACS, Thomas H Magnuson, MD, FACS, Kimberley E Steele, MD, PhD, FACS; Department of Surgery, The Johns Hopkins University School of Medicine

P557 Effect of medical weight management on pre-operative and post-operative weight loss for bariatric surgery patients Abby Navratil, MD, Andrea Schworer, MD, Matt Pfister, MD, Keith Gesinski, MD, Timothy Kuvada, MD; Carolinas Healthcare System

P558 Breaking the myth of alkaline gastric reflux related complications attributed to mini-gastric bypass: Long term follow-up of patients having undergone mini-gastric bypass Ajay H Bhandarwar, MS, Chintan B Patel, MS, Saurabh S Gandhi, MS, Amol N Wagh, MS, Priyank D Kothari, Eham L Arora; Grant Medical college Mumbai

P559 Safety and efficacy of novel clamping device to facilitate sleeve formation in laparoscopic sleeve gastrectomy Vikrom K Dhar, MD, Andrew Jung, MD, Young Kim, MD, Dennis J Hanseman, PhD, Brad Watkins, MD, Daniel Schauer, MD, Jonathan Thompson, MD, Tayyab Diwan, MD; University of Cincinnati

P560 Utility of the one anastomosis gastric bypass for the treatment of dysfunctional gastric band in patients with morbid obesity Miquel A Dorantes1, Jorge E Perez Figueroa, MD, Claudia C Dorantes, MD, Gerardo Bautista, MD; Centro Certificado en Cirugía Minimamente Invasiva para la Obesidad y Diabetes, Veracruz, Mexico, 1Hospital Star Medica Veracruz

P561 Amylin (an insulin co-secretor) is significantly reduced at one year after laparoscopic sleeve gastrectomy in both Morbidly Obese Diabetic and Non-Diabetic Patients Fahad Alsaifar, MD, FACS1, Ebba Al Ozari, MD, Eman Al Shawaf, PhD, Shaista Al Beloushi1, Hossein Arefanian, PhD, 1Department of Surgery, Faculty of Medicine, Kuwait University, 2Department of Medicine, Faculty of Medicine, Kuwait University, 3Dasman Diabetes Institute, Kuwait

P562 The metabolic profile of fractures in the bariatric population: A single Institution experience David Romero, MD, David Gutierrez Blanco, MD, SríGita Madiraju, MSFAU, Emanuele Lo Menzo, MD, PhD, FACS, FASMSB, Samuel Szomstein, MD, FACS, FASMSB, Raul Rosenthal, MD, FACS, FASMSB, Cleveland Clinic Florida

P563 Effects of Roux-en-Y gastric bypass and sleeve gastrectomy on calcium, vitamin D, and parathyroid hormone at two years Charles J Keith, MD, Lauren Goss, MSPH, Allison A Gullick, MSPH, Britney L Corey, MD, Richard Stahl, MD, Jayleen Grams, MD, PhD; University of Alabama at Birmingham

P564 Can colectomy improve type 2 diabetes Mellitus? Suriya Panchal, MD, Zubaidah NorHanipah, MD, Katherine Meister, MD, Tracy Hull, MD, Luca Stocchi, MD, Philip Schauer, MD, Stacy Berthauer, MD, Ali Aminian, MD, Bariatric and Metabolic Institute, Cleveland Clinic, Colorectal Surgery, Cleveland Clinic Foundation

P565 Total parenteral nutrition after bariatric surgery Michael B Goldberg, MD, Kevin D Helling, MD, Kamran Samakar, Malcom K Robinson, MD, Eric Sheu, MD, PhD, Ashley Vernon, MD, Scott Shikora, MD, Tavakkoli Ali, MD; Brigham and Women’s Hospital

P566 Prevalence and Predictors of Postoperative Thiamine Deficiency After Vertical Sleeve Gastrectomy Liyiang Tang, BA, Hatim Alsulaim, MD, MPH, Megill Robin, MSPH, Michael A Schweitzer, MD, FACS, Thomas H Magnuson, MD, FACS, Kimberley Steele, MD, PhD, FACS; The Johns Hopkins University, School of Medicine

P567 Barriers to compliance with long-term follow-up after bariatric surgery David Radovinsky, MD, Mazen Iskander, MD, George Ferzli, MD, FACS, NYU Lutheran
P569 EFFECT OF PRE-OPTERATIVE BMI IN THE WEIGHT LOSS OF PATIENTS WHO UNDERWENT LAPAROSCOPIC SLEEVE GASTRECTOMY AND ROUX EN Y GASTRIC BYPASS. Daniel Lamelin, MPH1, Priscila R ArmiJo, MD2, Austin Wheeler, Tammy L Kindel, MD, PhD1, Vishal Kothari, MD2; 1University Of Nebraska College Of Medicine, 2University of Nebraska Medical Center, Medical College of Wisconsin

P570 COMPARATIVE STUDY OF THE EFFECT OF ROUX-EN-Y GASTRIC BYPASS AND SLEEVE GASTRECTOMY ON RENAL FUNCTION AND URINE OXALATE EXCRETION. Mingwei Ni, MD, PhD1, John Lieske, MD2, Todd Kellogg, MD2; 1Kaiser Permanente South Baltimore County Medical Center, 2Mayo Clinic

P571 PREOPERATIVE UPPER ENDOSCOPY AND PREDICTING HIATAL HERNIA REPAIR IN BARIATRIC SURGERY. A Mooney, MD, A Rathi, BS, M Murr, MD, J P Gonzalez, DO; University of South Florida, TGH

P572 INITIAL EXPERIENCE AND SHORT-TERM OUTCOMES IN A REMOTE NORTHERN BARIATRIC CENTRE OF EXCELLENCE. Justin D Poling, MD, Scott Cassie, MD, FRCPSC, Andrew Smith, MD, FRCPSC; NOSM

P573 ASSOCIATION BETWEEN POSTOPERATIVE PREALBUMIN LEVELS AND EXCESS WEIGHT LOSS IN PATIENTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY. Jonathan Imran, MD, Tarik Madni, MD, Audra Clark, MD, Erica Hodgman, MD, Tjasa Hranjec, MD, Daniel Scott, MD, Sara Hennessy, MD; University Of Texas Southwestern Medical Center

P574 Withdrawn

P575 CHARACTERISTICS OF WOMEN ELIGIBLE FOR BARIATRIC SURGERY: A STUDY OF 2013-2014 NHANES DATA. Kavita Chandwani, Instructor in Surgery Research1, Shini K Shah, Assistant Professor1, Anil D Kulkarni, Professor in Surgery1, Dejan Lai, Professor1, Erik B Wilson, Professor and Vice Chair in Surgery1; 1University of Texas Health Science Center, McGovern Medical School, 2University of Texas Health Science Center, School of Public Health

P576 CLINICAL VERSUS PATIENT REPORTED MEASURES OF DEPRESSION IN BARIATRIC SURGERY. Sudarshan Srivatsan, Vinay Guduvinta, Kelly Young, Aalisahar Arastu, Cameron Strong, Ruth Cassidy, Amir A Ghafour, MD, MS; University of Michigan

P577 GASTRIC BYPASS IS SAFE AND EFFECTIVE FOR THE SUPER-SUPER OBSESE PATIENT. Vadim Meytes, DO, Grace Chang, Mazen Iskandar, MD, George Feerilz, MD, FACS, NYU Lutheran Medical Center

P578 LAPAROSCOPIC SLEEVE GASTRECTOMY: WHAT IS THE IDEAL BOUGIE SIZE? James A Radford, DC, MS1, Aliu Sanni, MD2; 1Philadelphia College of Osteopathic Medicine, 2Augusta University

P579 Withdrawn

P580 PERCUTANEOUS NEEDLES AND MINILAPAROSCOPY: SINGLE-PORT SURGERY HYBRID TECHNIQUE, AN ACCESSIBLE AND EFFICIENT COMBINATION. Gloria Gonzalez Uribe, MD, Fausto Jesus Davila Avila, MD, Jose Lemus Allende, MD, Hiram Raul Munoz Gonzalez, MD1, Martha Ruth Davila Centeno, MD, Juan Carlos Orellana, MD2, Daniel Tsii, MD1; 1SSSTECALI, 2HOSPITAL FAUSTO DAVILA PXA RICA VER. MEX, 3INSTITUTO NACIONAL DE NUTRICION SALVADOR SUBIRAN INNSZ MEX, HOSP. GRAL. DR. MANUEL GEA GONZALEZ, 4PRIVATE PRACTICE

P581 MINIMALLY INVASIVE POSTERIOR RETROPERITONEOSCOPIC APPROACH FOR EXTRA-ADRENAL TUMORS. Jamii St. Julien, MD, MPH, Elizabeth Grubbs, MD, FACS, Nancy D Perrier, MD, FACS, Jeffrey E Lee, MD, FACS; MD Anderson Cancer Center

P582 TREATMENT OPTIONS FOR ARTERY COMPRESSION SYNDROMS. Marty Zdivchavsky, MD, Jessica Lange, MD, Philipp Horvath, MD, Stefan Beckert, MD, Alfred Königsrainer, MD; University Hospital Tübingen, Germany

P583 REDUCED PORT LAPAROSCOPIC ILEOSTOMY. Byutaro Yasudome, MD, Shinichiro Mori, MD, PhD, Yoshiaiki Kita, MD, PhD, Kenji Baba, MD, PhD, Masayuki Yanagi, MD, PhD, Tetsuya Iijichi, MD, Yasuto Uchikado, MD, PhD, Hiroshi Kurahara, MD, PhD, Yuko Mataka, MD, PhD, Masahiko Sakoda, MD, PhD, Akihiro Nakajo, MD, PhD, Kosei Maemura, MD, PhD, Shoji Natsugoe, MD, PhD; Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University School of Medicine

P584 RECURRENCE AFTER SIMULTANEOUS MINIMALLY INVASIVE INGUINAL HERNIA REPAIR AND ROBOTIC RADICAL PROSTATECTOMY. S Julie-Ann Lloyd, MD, PhD, Andrew T Strong, MD, JingLiang Yan, MD, PhD, John H Rodriguez, MD, Jeffrey L Ponsky, MD, Matthew D Kroh, MD; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic

P585 LAPAROSCOPIC MODIFIED KEYHOLE PLUS REPAIR FOR PARASTOMAL HERNIA SINGLE CENTRE LAST 15YEARS EXPERIENCE FROM INDIA. C Palanivelu, MS, FACS, FRCS, FMAS, S Rajapakse, MS, FRCS, FMAS, P Senthilnathan, MS, FMAS, DNB, Darshan Nayak, MS, Samrat Jankar, MS, P Praveen Raj, MS, FMAS; GEM Hospital & Research Centre

P586 SURGICAL COMPLICATIONS AFTER LAPAROSCOPIC PANCREATICODUODENECTOMY: A SINGLE CENTER’S EXPERIENCE. Meng Liangwei, Wang Mingjuan, Peng Bing, Cai He, Li Yongbin, Cai Yunqiang; Department of Pancreatic Surgery, West China Hospital, Sichuan University

P587 REDUCED PORT LAPAROSCOPY AND ENDOSCOPY COOPERATIVE SURGERY (RP-LECS) WITH THE NOVEL FJ (FREE JAW) CLIP AND F (FREE) LOOP PLUS DEVICES. Hidemori Fuji, MD, PhD, Yoshiyuki Kawakami, MD, PhD, Toshiharu Aotake, Hidenari Yoshida, MD, PhD, Koji Doi, MD, PhD, Ryuei Ohnishi, MD, Yuki Hirose, MD, PhD; Japanese Red Cross Fukui Hospital

P588 TECHNIQUE OF ESOPHAGOJEJUNOSTOMY USING THE TRANSORAL PRETILED ANVIL HEAD AFTER LAPAROSCOPY ASSISTED TOTAL GASTRECTOMY(LATG) FOR GASTRIC CANCER. Shinnichi Sakuramoto, PhD, Hisashi Gunji, PhD, Motohiro Tyuuman, MD, Kenichi Aratani, MD, Mistuo Wakata, MD, Yutaka Miyawaki, PhD, Hiroshi Sato, PhD, Koujun Okamoto, PhD, Shigeki Yamaguchi, PhD, Isamu Koyama, PhD; Saitama Medical University, International Medical Center

P589 THORACOSCOPIC STAPLER AND PLICATION FOR EVENTRATION OF DIAPHRAGM: A HYBRID APPROACH. Datta Gur D Kulkarni, MS, Ajay H Bhandarwar, MS, Priyank D Kothari, Saurabh S Gandhi, MS, Chintan B Patel, MS, Amol N Wagho, MS, Eham L Arora; Grant Government Medical College & Sir JJ Group of Hospitals, Mumbai, India

P591 SURGERY FOR EPIPOIC APPENDAGITIS. Michael J Jaronzcrzky, MD, Vladimir Daoud, MD, Ibrahim Daoud, MD, St. Francis Hospital & Medical Center

P592 REAL TO VIRTUAL SCENE REGISTRATION USING KINECT® FOR ENDO SCOPIC AUGMENTED REALITY SYSTEM. Atul Kumar, PhD, Shih-Wei Huang, MD, Yen-Yu Wang, MS, Kai-Chen Liu, PhD, Wan-Chi Hung, MS, Yi-Chun Lee, PhD, Jung Chi-Hsiang Wu, Jian Hua Lin, Min Chang Hung, MD; 1Chang Bing Show Chwan Memorial Hospital, 2IRCAD-Taiwan>Chang Bing Show Chwan Memorial Hospital, 3IRCAD-Taiwan

P593 ROBOTIC VENTRAL HERNIA REPAIR WITH MESH: MIS FELLOWSHIP PROGRAM EXPERIENCE IN A NEW YORK CITY HOSPITAL. Thomas J Shaknovsky, DO1, Frederick L Sabido, MD, FACS2, Doonyia I Shaikh, MS1; 1Southeast Alabama Medical Center, 2Richmond University Medical Center

P594 A SYSTEMATIC REVIEW AND META-ANALYSIS COMPARING THE OPEN WITH THE LAPAROSCOPIC APPROACH FOR TRANSVERSE COLON CARCINOMA. Christos Athanasiou, Sonia Lockwood, Jonathan Robinson, Georgios Markides; Bradford Teaching Hospitals NHS Foundation Trust
P595 2D TO 3D CONVERSION OF CONVENTIONAL ENDOSCOPIC VIDEO: A PRELIMINARY RESULT Shih-Wei Huang, MD, Yen-Yu Wang, MS, Wan-Chi Hung, MS, Atul Kumar, PhD, Kai-Chie Liu, PhD, Jian-Hua Lin, MD, Jing-Jim Ou, MD, Ting Chung, MD, Min Chang Huna, MD, Show Chwan Memorial Hospital, Chang Bing Show Chwan Memorial Hospital, IRCAD-Taiwan

P596 SINGLE INCISION LAPAROSCOPIC PERCUTANEOUS EXTRAPERITONEAL CLOSURE (LPEC) FOR INGUINAL HERNIA IN CHILDREN Byohei Onishi, Yoshiyuki Kawakami, Hidori Fujii, Makoto Yoshida, Hideharu Yoshida, Koji Ooi, Yoshinori Aota, Fumie Tanaka, Yuki Hirose; Department of Surgery, Nihon University, Japanese Red Cross Fuuchi Hospital, Fuuki, Japan

P597 FIFTEEN YEARS OF LAPAROSCOPIC COLORECTAL SURGERY – A RETROSPECTIVE ANALYSIS OF A SINGLE TEACHING HOSPITAL Lucas Gerbasi, Rodrigo Pinto, Mariane Camargo, Cintia Kimura, Diego Soares, Fabio Campos, Sergio Nahas, Ivan Cecconello; Faculdade de Medicina da USP

P598 NECROTIZING FASCITIS IS A RARE YET MORBID COMPLICATION FOLLOWING LAPAROSCOPY Vadim Meytes, DO, Kelly Nahum, DO, Sharee Nazir, MD, NYU Lutheran Medical Center

P599 TRANSCYSTIC DRAINAGE TUBE IS USEFULNESS FOR PREVENTING POSTOPERATIVE LEAKAGE AFTER LAPAROSCOPIC-ENDOSCOPIC COOPERATIVE SURGERY FOR DUODENAL TUMORS Iwao Kitazono, MD, PhD, Jun Kadono, MD, Shunsuke Motoi, MD, Masashi Ookawa, MD, Fumisato Sasaki, MD, PhD, Yuichiro Nago, MD, PhD, Akio Ido, MD, PhD, Yutaka Imoto, MD, PhD, Cardiovascular and Gastroenterological Surgery, Kagoshima University Graduate School of Medical and Dental Sciences, Digestive and Lifestyle Disease, Kagoshima University Graduate School of Medical and Dental Science

P600 THE ROLE OF SINGLE INCISION LAPAROSCOPIC SURGERY (SILS) IN THE ILEUS OPERATION Yozo Suzuki, MD, PhD, Mitsuoshi Tei, MD, PhD, Ohtsuka Masahisa, MD, PhD, Kenta Furukawa, MD, PhD, Toru Masuzawa, MD, PhD, Kentaro Kishi, MD, PhD, Masayuki Tori, MD, PhD, Masahiro Tanemura, MD, PhD, Hiroki Akamatsu, MD, PhD, Osaka Poice Hospital

P601 LAPAROSCOPIC REPAIR OF DIAPHRAGMATIC EVENTRATION, PRESENTING AS GASTRIC OUTLET OBSTRUCTION Paneetha Narahari, MD, James Svoboda, MD; Saint Agnes Medical Providers/Saint Agnes Medical Center

P602 GASTROINTESTINAL STROMAL TUMOR IN SEVERELY ANEMIC PATIENTS – ONE SURGEON’S EXPERIENCE Robert M Dorman, MD, Carroll M Harmon, MD, PhD, Aaron Hoffman, MD, University of Buffalo, Women and Children’s Hospital of Buffalo

P603 DIFFICULTY ASSESSMENT IN SINGLE-INCISION LAPAROSCOPIC SURGERY FOR SPLENIC DISEASES, Masataka Ikeda, MD, Takuji Hamakawa, MD, Sakaie Maeda, MD, Mamoru Uemura, MD, Makazku Miyake, MD, Naoki Ham, Kazuhiro Nishikawa, Atsushi Miyamoto, MD, Michihiko Miyazaki, MD, Motohiro Hiroa, MD, Shoji Nakamori, MD, Mitsujo Sekimoto, MD; Osaka National Hospital

P604 PERIOPERATIVE SAFETY OF LAPAROSCOPIC SURGERY IN PREGNANT PATIENTS – ONE SURGEON’S EXPERIENCE Robert M Dorman, MD, Carroll M Harmon, MD, PhD, Aaron Hoffman, MD, University of Buffalo, Women and Children’s Hospital of Buffalo

P605 A COMPARATIVE STUDY OF THE INVASIVENESS OF SINGLE-INCISION AND CONVENTIONAL LAPAROSCOPIC CHOLECYSTECTOMY Manabu Watanabe, MD, PhD, Koji Asai, Hiroshi Matsukiyohi, Tomokai Saito, Tomokata Ishii, Manabu Kuriyama, Toshiyuki Enomoto, Natsuya Katada, Yoshishia Saiada, Shinia Kusachi; Department of Surgery, Toho University Ohsahi Medical Center

P606 MEDIAN ARCuate LIGAMENT COMPRESSSION SYNDROME: LAPAROSCOPIC MANAGEMENT AND TECHNICAL ASPECTS Sara Dzhandukhanova, MD, PhD, Yury Starkov, prof, PhD, Mikhail Vyborniy, MD, PhD, Nadezhda Glogoleva, MD; Vishnevsky Institute of Surgery

P607 THE OUTCOMES OF PROTACIKI AND N-BUTYL CYANOACRYLATE HISTOCYRYL GLUE FOR MESH FIXATION IN LAPAROSCOPIC TOTALLY EXTRA-PERITONEAL (TETP) INGUINAL HERNIA REPAIR Pankom Tirawatnakan, Dr, Panot Yimcharoen, Dr, Poschong Suesat, Dr, Sethisarit Pantanalak, Dr, Jadsada Athisakgunorn, Dr, Petch Kasetswan, Dr; Bhumibol Adulyadej Hospital

P608 SIMULATNEOUS ELECTIVE LAPAROSCOPIC SIGMOID COLECTOMY AND SPLNECTOMY FOR RECURRENT DIVERTICULITIS AND SPLENIC GRANULOMATOUS DISEASE Natalia Kubicki, MD, Stephen Kavic, MD, Hugo Bonatti, MD; University of Maryland Medical Center Surgery, University of Maryland Community Medical Group Surgical Care

P609 A STUDY OF 56 CASES OF SINGLE-INCISION GASLESS TRANSUMBILICAL LAPAROSCOPY-ASSISTED APPENDECTOMY FOR ACUTE APPENDICITIS. Yusuke Nishi, MD, Naoki Mukai, MD, Katsuhiko Tomofuji, MD, Takaaki Takebayashi, MD, Naoki Ishida, MD, Hajime Satou, MD, PhD, Yoshinori Imai, MD, PhD, Jota Watanebe, MD, PhD, Kenji Nezu, MD, PhD, Kenzo Okada, MD, PhD, Toshihiko Sakao, MD, PhD, Shinshu Kawajiwara, MD, PhD; Uwajima city hospital

P610 A STUDY OF 56 CASES OF SINGLE-INCISION GASLESS TRANSUMBILICAL LAPAROSCOPY-ASSISTED APPENDECTOMY FOR ACUTE APPENDICITIS. Yusuke Nishi, MD, Naoki Mukai, MD, Katsuhiko Tomofuji, MD, Takaaki Takebayashi, MD, Naoki Ishida, MD, Hajime Satou, MD, PhD, Yoshinori Imai, MD, PhD, Jota Watanebe, MD, PhD, Kenji Nezu, MD, PhD, Kenzo Okada, MD, PhD, Toshihiko Sakao, MD, PhD, Shinshu Kawajiwara, MD, PhD; Uwajima city hospital

P611 A STUDY OF 56 CASES OF SINGLE-INCISION GASLESS TRANSUMBILICAL LAPAROSCOPY-ASSISTED APPENDECTOMY FOR ACUTE APPENDICITIS. Yusuke Nishi, MD, Naoki Mukai, MD, Katsuhiko Tomofuji, MD, Takaaki Takebayashi, MD, Naoki Ishida, MD, Hajime Satou, MD, PhD, Yoshinori Imai, MD, PhD, Jota Watanebe, MD, PhD, Kenji Nezu, MD, PhD, Kenzo Okada, MD, PhD, Toshihiko Sakao, MD, PhD, Shinshu Kawajiwara, MD, PhD; Uwajima city hospital

P612 THE SURGICAL OUTCOMES OF LAPAROSCOPY-ASSISTED PYLORUS-PRESERVING GASTRECTOMY FOR EARLY GASTRIC CANCER Motohiro Chuma, Shinichi Sakuramoto, Kenichi Aratani, Mitsuwo Wakata, Yutaka Miyawaki, Hisashi Gunji, Hiroshi Sato, Shigeki Yamaguchi, Kojun Okamoto, Isamu Koyama; Saitama Medical International Medical Center Gastrointestinal surgery

P613 LAPAROSCOPIC DISTAL PANCREATECTOMY IN PANCREATIC CANCER: SINGLE CENTRE EXPERIENCE OF SHORT AND LONG TERM OUTCOMES Ho Seong Han, Professor, Yoo Seok Yoon, Gaurav Chaudhary; Seoul National University Bundang Hospital,South Korea, Global Hospital, Mumbai

P614 LAPAROSCOPIC HIATAL HERNIA HERNIA REPAIR: 15 YEAR EXPERIENCE AT A SINGLE INSTITUTION Lisandro Montorfano, MD, Federico Perez Quirante, MD, Nisha Dhanabalamsy, MD, Joongmin Park, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMS, Raul Rosenthal, MD, FACS, FASMS; Cleveland Clinic Florida

P615 CRACKING THE CODE FOR EARLY DISCHARGE WITHOUT READMISSION FOLLOWING LAPAROSCOPIC VERTICAL SLEEVE GASTRECTOMY (VSG) Courtney Cripps, MD, Deborah Allis, PAC, MBA, Mitchell Roslin, MD, FACS, Northwell Health-Lenox Hill Hospital, Northern Westchester Hospital

P616 ANALYZING THE BENEFITS OF A MINIMALLY INVASIVE ESOPHAGECTOMY FOR ESOPHAGEAL CANCER IN A VETERANS AFFAIRS MEDICAL CENTER. Matthew D Skancke, MD, Frederick Brody, MD, Gregory Trachiotis, MD; George Washington University Hospital

P617 THE MINIMALLY INVASIVE CONSULTANT: AN EVALUATION OF PRACTICE PATTERNS IN A COMMUNITY HOSPITAL Julian Maendel, MD, James Rawles, MD, William Hope, MD, Thomas Clancy, MD; New Hanover Regional Medical Center

P619 A STUDY OF VIDEO ASSISTED ANAL FISTULA TREATMENT (VAAF) Ajay H Bhandarwar, MS, Eham L Arora, Saurabh S Gandhi, MS, Chintan B Patel, MS, Amol N Wagh, MS, Priyank D Kothari; Grant Government Medical College & Sir JJ Group of Hospitals, Mumbai, India

P620 PERITONEAL DIALYSIS FOLLOWING PERITONEAL CATHERER REMOVAL FOR PERITONITIS: 10 YEAR EXPERIENCE FROM A SINGLE INSTITUTION Ivy N Haskins, MD, Michael J Rosen, MD, FACS, Arielle J Perez, MD, Luciano Tastaldi, MD, Ajita S Prabhu, MD, FACS, David M Krpata, MD, Steven Rosenblatt, MD, FACS, David M Krpata, MD, Steven Rosenblatt, MD, FACS; Digestive Disease and Surgery Institute, Cleveland Clinic Foundation

P621 VIDEO: LAPAROSCOPIC J-TUBE PLACEMENT Maija Cheung, MD, Salim Munoz, MD, Matthew Hubbard; Yale New Haven Hospital
P622 LAPAROSCOPIC PANCREATICODUODENECTOMY WITH “EASY-FIRST” STRATEGY FOR BORDERLINE RESECTABLE PANCREATIC CANCER: TECHNOLOGY AND RESULTS
Weiwei Jin, MD,1 Chao Lu, MS,1 Yiping Mou, MD, FACS,2 Xiaowu Xu,1 Renchao Zhang,2 Zhejiang University School of Medicine, Zhejiang Provincial People’s Hospital, Zhejiang Provincial People’s Hospital
P623 LAPAROSCOPIC NISSEN’S FUNDOPLICATION VERSUS LAPAROSCOPIC PARTIAL FUNDUPLICATION: IMPROVEMENT IN REFUX SCORES WITHOUT MECHANICAL COMPLICATIONS WITH PARTIAL FUNDOPLICA
Saurabh S Gandhi, MS, Ajay H Bhandarwar, MS, Chintan B Patel, MS, Amol N Wagh, MS, Priyank D Kothari, Eham L Arora; Grant Government Medical College
P624 FEASIBILITY OF REDUCED PORT LAPAROSCOPIC SURGERY FOR RECTAL PROLAPSE, Eyo Shiwovanuma, MD, Masataka Ikeda, MD, Michihiko Miyazaki, MD, Takuya Hamakawa, MD, Sakae Maeda, MD, Mamoru Uemura, MD, Masakazu Miyake, MD, Naoki Hama, Kazuhiro Nishikawa, MD, Atsushi Miyamoto, MD, Motohiro Hiroo, MD, Shoji Nakamori, MD, Mitsugu Sekimoto, MD; Osaka National Hospital
P625 PARTIAL GASTRECTOMY BY LESS INVASIVE LEC
Satoru Takayama; Nagoya Tokushukai General Hospital
P626 LAPAROSCOPIC MANAGEMENT OF APPENDICEAL MUCOCILES: OUTCOMES IN A SERIES OF 15 CASES
Andrew M Schneider, MD, David E Disbrow, MD, Joseph A Ewing, MS, James C Rex, MD; Greenville Health System
P627 OUTCOMES OF LAPAROSCOPIC PANCREATICODUODENECTOMY IN THE ELDERLY PATIENTS
Weiwei Jin, Jinrui Wang, Yiping Mou, Chao Lu, Yyunyu Xu, MS, Zhejiang University School of Medicine, Zhejiang Provincial People’s Hospital, Zhejiang Provincial People’s Hospital
P629 DOBLE INTERNAL HERNIA IN A PATIENT WITH HISTORY OF OUTCOMES OF LAPAROSCOPIC PANCREATICODUODENECTOMY
Woody Denham, MD, David Pace, MD, FRCSC; Memorial University of Newfoundland
P636 SIMILAR OUTCOMES IN MALE AND FEMALE PATIENTS UNDERGOING ELECTIVE TOTALLY EXTRA-PERITONEAL LAPAROSCOPIC INGUINAL HERNIA REPAIR
Tyler Hall,1 Beau Forestier,1 hva Patel, MD, Matt Gitelis,1 Brittany Lapin, PhD,1 Michelle Leong,1 Zeeshan Butt, PhD,1 John G Linn, MD,1 Stephen P Haggerty, MD, FACS,1 Woody Denham, MD,1 Michael Ujiki,1 MD, FACS,2 NorthShore University HealthSystem,2Northwestern University Feinberg School of Medicine
P637 DEMONSTRATION OF VARIABILITY IN EXCESS WEIGHT LOSS CALCULATION USING DIFFERENT BASELINE WEIGHS
Roshni Venugopal, MD, Karina A Newhall, MD, Julia E Segal, BS, Thadeus L Trus, MD, William S Laycock; Dartmouth-Hitchcock Medical Center
P638 THE PROJECT RE-ENGINEERED DISCHARGE (RED) SURGERY (S) ON A 30 DAY READMISSION RATE IN COLORECTAL CANCER SURGERY PATIENTS Christy Y Chai, MD,1 Elaine Vo, MD,2 Celia Robinson, MD,1 Aanand D Naik, MD,1 GN Burns, RN,2 Nader N Massarweh1 Hop Trancao, MD,1 Samir S Awad, MD,1 Michael E DeBakey Veteran Affairs Medical Center,1 Baylor College of Medicine, University of Texas MD Anderson Cancer Center
P639 COMPARISON OF LAPAROSCOPE VERSUS DA VINCI ROBOT ON SURGICAL SITE INFECTIONS BASED ON OPERATION TIME AND OPERATOR VOLUME
Vladimir Coca-Soliz, MD,1 Rose C Gooding, BS,2 Jennifer Hubbard, MD, Philip R Corvo, MD, MA,3 St. Mary’s Hospital, St. George’s University School of Medicine
P640 OPERATING THEATRE PATIENTS TRAFFIC MANAGEMENT: KUWAIT’S PERSPECTIVE
Yousef Almuhanna, MD,1 Maryyam Alshatti,2 Fatima Alotaibi;1 KIMS,2 Kuwait University
P642 COST ANALYSIS AND SUPPLY UTILIZATION OF LAPAROSCOPIC CHOLECYSTECTOMY
Trishul Kapoor, MSIV,1 Sean Wrenn, MD, Wasef Abu-Jaish, MD, FACS, FASM, BS,2 University of Vermont College of Medicine, University of Vermont Medical Center
P643 SURGICAL APPROACH AND POSTOPERATIVE CHANGES IN BODY WEIGHT, SKELETAL MUSCLE AND ADIPOSE TISSUE MASS IN EARLY GASTRIC CANCER PATIENTS
Yuki Yokota, Masashi Hirota, Hirotosugu Nagase, Tomono Kawase, Hiroshi imamuro, Kozo Noguchi, Atsushi Hamabe, Kazuteru Oshima, Tsukasa Tanida, Yoshito Tomimaru, Shunjir Morita, Takashi Iwazawa, Kenzo Akagi, Keizo Dono; Department of Surgery, Toyonaka Municipal Hospital, Japan
P644 INTRAOPERATIVE CHOLEANGIOGRAM DURING LAPAROSCOPIC CHOLECYSTECTOMY: A GOOD INVESTMENT?
Kenneth W Buelmann, MD, Marek Rudnicki, MD; Advocate Illinois Masonic Medical Center
P645 DEMOGRAPHIC AND CLINICAL FACTORS ASSOCIATED WITH SUICIDE IN GASTRIC CANCER IN THE UNITED STATES
Nathanial Walsh, MD, Asif Talukder, MD, Andrew Jones, BS, Andrew Lawson, DO, Karen Draper, MD, Edward J Kruse, DO; Augusta University
P646 FIRES IN THE OPERATING ROOM: DOES CLIPPING HAIR MAKE A DIFFERENCE?
Edward L Jones, MD, Douglas M Overbey, MD, Brandon C Chapman, MD, Sarah A Hilton, MD, Todd R Arcomano, MD, Teresa S Jones, MD, John T Moore, MD, Thomas N Robinson; University of Colorado
P648 IMPACT OF A COLONOSCOPY SKILLS IMPROVEMENT COURSE ON WITHDRAWAL TIME
Matthew Miné-Goldring, BEng, Brad Evans, MD, Mark Bergaonkar, MD, David Pace, MD; Memorial University of NL
P649 SHORT TERM OUTCOMES OF LAPAROSCOPIC COLORECTAL RESECTION IN PSYCHIATRIC POPULATION: A MULTICENTERS RETROSPECTIVE STUDY IN JAPAN
Baongoc Natsi, MD,1 Ken Yyu, MD, Masanori Tada, PhD, Naoto Nishi, MD, Marius Calin, MD,1; Bronx Lebanon Hospital, 1Tokyo Metropolitan Matsuwasawa Hospital, 1Tohjuin Hospital, 1Virtua Hospital
P650 PREDICTORS OF CONVERSION FROM LAPAROSCOPIC CHOLECYSTECTOMY TO OPEN CHOLECYSTECTOMY: AN INSTITUTIONAL EXPERIENCE
Leslie S Anwelah, MD,1 Mohammad Asif, MD,1 Kristin Faschlan, MD,1 Urham Khaliji,2 Joseph Glawocki,1 John Fobia, MD,1 Leon Clarke, MD,1; Mercy Catholic Medical Center, Philadelphia College of Osteopathic Medicine
P651 NURSES’ ATTITUDES TOWARDS FEMALE SURGEONS: IS THERE GENDER DISCRIMINATION IN THE SURGERE-NURSE RELATIONSHIP?
Sharona B Ross, MD, FACS, Carly E Waldman, BS, Keiyana D Morris, Darrel J Downs, BS, Alexander S Rosemary, MD, FACS; Florida Hospital Tampa
P653 IMPACT OF ICD-10 ON CODING OF GENERAL SURGICAL PROCEDURES
Hemalkumar Mehta, PhD1, Courtney Flynn2, Anthony J Senagore, MD, MS, MBA1; 1University of Texas Medical Branch, 2Medtronic

P654 YOU ARE WHAT YOU MEASURE: TAKE CHARGE OF YOUR INDIVIDUAL SURGEON METRIC DATA OR SOMEONE ELSE WILL. KEVIN R KASTEN, MD1, Konstantinios Spaniolas, MD, PhD1; 1Carolina HealthCare System, 2Stony Brook Medical Center

P655 COMPARING SURGICAL OUTCOMES FOLLOWING ELECTIVE LAPAROSCOPIC INGUINAL HERNIA REPAIR ACROSS BMI COHORTS
Tyler Hall, BA1, Lava Patel, MD1, Matt Gitelis1, Brittany Lapin, PhD1, Zeeshan Butt, PhD2, John G Linn, MD1, Stephen P Haggett, MD, FACS1, Woody Denham, MD1, Michael Uijiki, MD, FACS1; 1NorthShore University HealthSystem, 2Northwestern University Feinberg School of Medicine

P656 HAVE WE REACHED A TWILIGHT OF THE INTRAOPERATIVE CHOLANGIOGRAM USE? Kenneth Bueltmann, MD, Marek Rudnicki, MD; Advocate Illinois Masonic Medical Center

P657 THE ROLE OF SOCIAL SUPPORT AND PATIENT EXPECTATIONS IN WEIGHT AND BODY FAT LOSS FOLLOWING BARIATRIC SURGERY
Steven D Schwartzberg, MD, MMBS, Jeffrey M Lackner, PsyD, Alan R Posner, MD, Gabrielle N Yee, MS; Jacobs School of Medicine and Biomedical Sciences

P658 SAFETY AND EFFICIENCY OF ULTRA THIN SURGICAL SWAB FOR NEEDLESCOPIC SURGERY
Shinsuke Katsuyama, MD1, Tsuyoshi Takahashi, MD, PhD2, Yasunori Miyazaki, MD, PhD2, Tomoki Makino, MD, PhD2, Yukinori Kurokawa, MD, PhD, FACS2, Makoto Miyasaka, MD, PhD2, Shuji Takiguchi, MD, PhD2, Masaki Mori, MD, PhD, FACS2, Yuichiro Doki, MD, PhD2, Kiyokazu Nakajima, MD, PhD, FACS2; 1Division of Next Generation Endoscopic Intervention, Osaka University, 2Department of Gastroenterological Surgery, Osaka University

P659 DRIVERS OF LENGTH OF STAY AFTER CHOLECYSTECTOMY: OUR INSTITUTIONAL OBSERVATION. Leslie S Anenwah, MD1, Shivani Shah1, Carissa Jeannette1, Mohammad Khan, MD1, Pietro Krecic5, MD1, John Fobia, MD1, Prashanth Ramachandra, MD1, Leon Clarke, MD1; 1Mercy Catholic Medical Center, 2Philadelphia College of Osteopathic Medicine

P660 LAPAROSCOPIC SURGERY AND THE GERIATRIC POPULATION
Theodore Hufford, MD1, Jonathan Rubin, MD1, Michael Prendergast, MD2; 1UIC/MGH General Surgery Residency, 2Presence St. Francis Hospital

P661 LAPAROSCOPIC REPAIR OF LARGE HIATAL HERNIA - OUR EXPERIENCE WITH THE SURGICAL PROCEDURE
Satoshi Inase1, Tatsushi Suwa1, Tomoko Hukushima1, Kazuhiro Kikumoto1, Eishi Totsuka1, Motoi Koyama1, Keigo Okada1, Kenta Kitamura1, Tomonori Matsumura1, Hiroyuki Suzuki1, Naokazu Nakamura1, Shigeru Masamura1; Kashiwa Kousei General Hospital

P662 PREDICTORS OF INCREASED OPERATIVE DURATION IN ELECTIVE LAPAROSCOPIC CHOLECYSTECTOMY
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P663 VALIDATION OF NEW JAPANESE CLASSIFICATION SYSTEM FOR ESOPHAGEAL ACHALASIA
Ryo Kato, MD1, Kiyokazu Nakajima, MD, PhD, FACS1, Tsuyoshi Takahashi, MD, PhD1, Yasuhiro Miyazaki, MD, PhD1, Tomoki Makino, MD, PhD1, Yukinori Kurokawa, MD, PhD, FACS1, Makoto Yamasaki, MD, PhD1, Shuji Takiguchi, MD, PhD1, Masaki Mori, MD, PhD, FACS1, Yuichiro Doki, MD, PhD1; 1Department of Gastroenterological Surgery, Osaka University, 2Graduate School of Medicine, 3Division of Next Generation Endoscopic Intervention (Project ENGINE), Global Center for Medical Engineering and Informatics, Osaka University, 4Center of Medical Innovation and Translational Research

P664 A NSQIP ANALYSIS OF PATIENT OUTCOMES AFTER LAPAROSCOPIC AND OPEN LEFT SIDED COLECTOMIES
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P665 LAPAROSCOPIC COMMON BILE DUCT EXPLORATION: RESULTS FROM A COMMUNITY HOSPITAL
Theodore Hufford, MD1, Andres Giovannetti, MD1, Charles Gruner, MD2; 1UIC/MGH General Surgery Residency, 2Presence St. Francis Hospital

P666 ESOPHAGEAL BYPASS SURGERY FOLLOWED BY DEFINITIVE CHEMORADIOThERAPY CAN BECOME AN EFFECTIVE THERAPEUTIC STRATEGY, IMPROVING THE POOR QUALITY OF LIFE OF PATIENTS WITH LOCALLY ADVANCED ESOPHAGEAL CARCINOMA
Yasuaki Nakajima, MD1, Kengo Kawada1, Yutaka Tokairin1, Akihiro Hoshino1, Takuya Okada1, Masafumi Okuda1, Taichi Ogo1, Yuichiro Kume1, Yuudai Kawamura1, Kazuya Yamaguchi1, Tatsuyuki Kawano1; Tokyo Medical and Dental University

P667 HAND WASHING KNOWLEDGE IN SURGICAL WARD: COMPLETE AUDIT CYCLE
Ahmed Hammad, MR1, Hany Nada, MR1, Saroj Golay, Dr1; 1Guy’s ans St Thomas’ NHS Trust, 2NHS Lanarkshire

P668 VALIDATION OF AN ESOSKELETAL SURGICAL ASSIST SUIT IN AN EXPERIMENT SIMULATING LAPAROSCOPIC SURGERY
Kei Aoki1, Hiroshi Kawahira1, Ryota Nakajima1, Yoshiho Shimomura2, Toshiyuki Natsumes1, Satoshi Chiba3, Takeshi Saito4, Hisahiro Matsubara5; 1Artificial Systems Science, Graduate School of Engineering, Chiba University, 2Center for Frontier Medical Engineering, Chiba University, 3Graduate School of Medical and Pharmaceutical Science, Chiba University, 4Design and Science, Graduate of Engineering, Chiba University, 5Funabashi Municipal Medical Center, 6Chiba Cancer Center, 7Department of Pediatric Surgery, Graduate School of Medicine, Chiba University, 8Department of Frontier Surgery, Graduate School of Medicine, Chiba University

P669 IMPACT OF ROBOTIC SURGERY VERSUS LAPAROSCOPIC SURGERY ON SURGICAL MUSCULOSKELETONAL SYMPTOMS AND WORKLOAD: A SYSTEMATIC REVIEW AND META-ANALYSIS
Amro Abdelrahman, MBBS1, Bethany Lowndes, PhD1, Carleigh Rand, BA2, Hashr Shah2, Nibras El-Sherif, MBBS1, Larry Prokop, MLS1, Susan Hallbeck, PhD, PE, CPE2; 1Mayo Clinic, 2St. Olaf College

P670 THE THERAPEUTIC VALUE OF INTERMITTENT SPLENIC ARTERY OCCLUSION COMBINED WITH GELATIN SPONGE COMPRESSION IN IATROGENIC SPLENIC INJURY
Xiaocheng Zhu, Libin Yao, Zhichao Li; Department of General Surgery, the Affiliated Hospital of Xuzhou Medical University

P671 Withdrawn

P672 TRACKING MENTAL WORKLOAD BY MULTIMODAL MEASUREMENTS DURING MINIMALLY INVASIVE SURGERY TRAINING
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P673 SINGLE-INCISION ROBOTIC CHOLECYSTECTOMY VS SINGLE-INCISION LAPAROSCOPIC CHOLECYSTECTOMY: A COMPARISON IN OUTCOMES
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P675 ROBOTIC REPAIR OF A RIGHT SIDED BOCHDALEK HERNIA: A CASE REPORT AND LITERATURE REVIEW
Amani Jambhekar, MD1, Shawn Robinson, MS1, Brian Housman, MD, James Nguyen, Vadim Nakhamyiayev, MD, Kevin Gu, MD; New York Methodist Hospital/NYP/WCMC

P676 DIFFUSION OF ROBOTIC-ASSISTED LAPAROSCOPIC TECHNOLOGY FROM 2008-2013: A NATIONAL STUDY
Yen-Yi Joo, MD, MPH1, Aditya Mantha, MS2, Ahmed Abiri3, Matthew Skancke, MD1, Anne Lin1, MD1, Erik Doutson, MD1; 1Department of Surgery, University of California, Los Angeles, 2School of Medicine, University of California, Irvine, 3Department of Bioengineering, University of California, Los Angeles, 4Department of Surgery, George Washington University

P677 THE SAFETY AND EFFICACY OF THE DA VINCI ROBOTIC STACKER IN ROBOTIC-ASSISTED BARIATRIC SURGERY
Netanel Alper, MD, Brian Bassiri-Tehrani, MD1, Yael Marks, MD, James Taggart, MD, Julio Teixeira, MD; Lenox Hill Hospital
P678 BI-PHASIC LEARNING CURVE OF ROBOTIC-ASSISTED LOBECTOMY WITH VIDEO-ASSISTED THORACOSCOPIC EXPERIENCE
Frank O Velez-Cubian, MD,1 Kavian Toosi, BS,1 Bryce Montane, BS,1 Kathryn Rodriguez, MD,1 Carla C Moodie, PAC,1 Joseph R Garrett, MPH, ARNP,1 Jacques P Fontaine, MD,1 Eric M Tolzoga2; 1Department of Surgery, University of South Florida Morsani College of Medicine, Tampa FL, 2University of South Florida Morsani College of Medicine, Tampa FL

P679 EFFECTIVENESS, SAFETY AND FEASIBILITY OF ROBOTIC-ASSISTED GASTRIC NEUROMOTOR STIMULATOR PLACEMENT Jaskiran Kaur, MD, Francisco Igor Macedo, MD, Ramachandra Kolachalam, MD; Providence Hospital and Medical Centers/ Michigan State University

P680 ROBOTIC PYLOROPLASTY FOR THE TREATMENT OF REFRACTORY GASTROPARESIS Sherard Chiu, MD, Gregory J Mancini, MD, Sarah Campbell, PA, Matthew L Mancini, MD; University of Tennessee Graduate School of Medicine Knoxville

P681 OUTCOMES ASSOCIATED WITH ROBOTIC APPROACHES TO PANCREATIC RESECTION Kenneth Meredith, MD, FACS, Ravil Shridhar, MD, PhD,1 Jamie Huston, MS,1 Mokenge Malafa, MD,1 Pedro Briceno, MD,1 Florida State University, Sarasota Memorial Healthcare System, 2University of Central Florida, Moffitt Cancer Center

P682 NEW APPLICATION FOR THE ROBOTIC PLATFORM: GENDER REASSIGNMENT (SEX CHANGE) SURGERY Jean Francois Tremblay, Slawomir Marecik, Loren Schecter, John J Park, Leela M Prasad; Advocate Lutheran General Hospital

P683 ROBOTIC VS LAPAROSCOPIC CHOLECYSTECTOMY: WHICH TECHNIQUE IS OPTIMAL IN MORBIDLY OBESE PATIENTS? Mohammad A Farukhi, MD, Brian Davis, MD; Texas Tech University HSC El Paso

P684 SAFETY AND FEASIBILITY OF ROBOTIC ASSISTED IVOR LEWIS ESOPHAGECTOMY Kenneth Meredith, MD,1 Jamie Huston, BS,1 Oya Andacoglu, MD,1 Pedro Briceno, MD,1 Ravil Shridhar, MD, PhD;1 Florida State University, Sarasota Memorial Healthcare System, 2University of Wisconsin Madison, 3University of Central Florida

P685 INGUINAL HERNIA REPAIR: IS THERE A BENEFIT TO USING THE ROBOT? Eric J Charles, MD, J Hunter Mehaaffey, MD, Carlos A Tache-Leon, MD, Peter T Hallowell, MD, Robert G Sawyer, MD, Zequan Yang, MD; University of Virginia Health System

P686 ROBOTIC-ASSISTED LAPAROSCOPIC SURGERY: THE EXPERIENCE OF A RESIDENT Michael J Jaronscky, MD, Adam Kopelan, MD, Ernest Ginalis, MD,1 Monmouth Medical Center, Long Branch, NJ, Newark Beth Israel Medical Center, Newark, NJ

P688 ROBOTIC GENERAL SURGERY – NATIONAL TRENDS FROM 2008-2013 Kathleen Oakley, DO, Steven A Groene, MD, Blair Worner, MD, Tanushree Prasad, MA, Amy E Lincourt, PhD, MBA, Vedra Augenstein, MD, B Todd Heniford, MD, Paul D Colavita, MD; Carolinas HealthCare System

P689 ENDOWRIST EQUIPPED ROBOTIC LAPAROENDOSCOPIC SINGLE SITE ACCESS CHOLECYSTECTOMY VERSUS A PORT LAPAROSCOPIC CHOLECYSTECTOMY: A PROSPECTIVE COMPARATIVE STUDY. Anthony Y Teoh, FRCSI, Gen, Enders K Ng, FRCSI, Gen, Shannon M Chan, Hon C Yip, Vivien W Wong, Philip W Chiu; The Chinese University of Hong Kong

P690 A META-ANALYSIS OF ROBOTIC-ASSISTED VS LAPAROSCOPICALLY ASSISTED GASTRECTOMY Yi Wang, Xudong Zhao, Yanjing Song, Azhen Cai, Hongqing Xi, Lin Chen; Chinese People’s Liberation Army of General Hospital

P691 OPEN VERSUS ROBOTIC-ASSISTED TRANSABDOMINAL PREPERITONEAL (TAPP) INGUINAL HERNIA REPAIR: A SINGLE INSTITUTION EXPERIENCE WITH PRIMARY UNILATERAL HERNIA Reza Gamagami, MD, Venkata R Kakarla, MD; Silver Cross Hospital

P692 SURGICAL AND ONCOLOGIC OUTCOME OF ROBOTIC SURGERY FOR COLON CANCER: COMPARISON WITH OPEN AND LAPAROSCOPIC SURGERY USING PROPENSITY SCORE MATCHING Seung Yoon Yang, Gyoung Tae Noh, Yoon Young Park, Jiho Yoon, Yoon Dae Han, Min Soo Cho, Hyuk Hur, Byung Soh Min, Kang Young Lee, Nam Kyu Kim; Yonsei University College of Medicine

P693 ROBOTIC ASSISTED SPLENECTOMY IN A PATIENT WITH MASSIVE SPLENOMEGALY SECONDARY TO SARCOIDOSIS Srikanth Parsi, MD, Suzanna Hosein, Veeraiah Siripurapu, MD; Lankenau Medical Center

P694 ROBOTIC INGUINAL HERNIA REPAIR David S Edelman, MD, Baptist Health, Doctors Hospital

P695 ROBOTIC ASSISTED PARAESOPHAGEAL HERNIA REPAIR IN A NON-UNIVERSITY, MINIMALLY INVASIVE FELLOWSHIP COUNCIL ACCREDITED PROGRAM Jiashou Xu, MD, Giovanni Begossi, MD, Gregory A Broderick-Villa, MD, Teresa Kim, Rupert Horoupian, Steve A Stanton, Ajay K Upadhyay; Alta Bates Medical Center

P696 Withdrawn

P698 ROBOT-ASSISTED VERSUS LAPAROSCOPIC LIVER RESECTION: A REVIEW OF THE LITERATURE AND A COST-BENEFIT ANALYSIS FROM A SINGLE HIGH-VOLUME CENTER Fatmeh A El-Maghrabi, MD, MBA, B Eaker, MD, A Cochran, MSPH, J Martinie, MD, FACS, D Vrochides, MD, PhD, FACS, FRCS, D Iannitti, MD, FACS; Carolinas Medical Center

P699 LAPAROSCOPIC POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY FOR PRIMARY HYPERTALOSTERONISM: EXPERIENCE IN IV LEVEL CLINIC IN COLOMBIA. Evelyn Dorado; FUNDACION VALLE DEL LILI

P700 OLDER ADULTS ALSO BENEFIT FROM LAPAROSCOPIC SPLENECTOMY: A SINGLE CENTER EXPERIENCE OVER 9 YEARS. Riley D Stewart, MD, Jon Bailey, MD, Dennis R Klassen, MD; Dalhousie University

P701 SCLEROSING ANGIOMATOID NODULAR TRANSFORMATION OF THE SPLEEN (SANT): CASE SERIES AND LITERATURE REVIEW Mohammed H Al Mahroos, MD, FRCS, Mustafa AlSultan, MD, FRPC, Maria Tsatoumas, MD, FRCP, Lianne S Feldman, MD, FRCS, MCGill University

P702 A NEW APPROACH FOR SINGLE PORT LAPAROSCOPIC ADRENALECTOMY USING LOW PROFILE TROCARS Senol Carilli, MD,1 Bulent Gurbuz, MD,1 Orhan Arcaooglu, MD,1 Onur Bayram, MD,2 Derya S Uymaz, MD, Cagri Bilgic, MD, Serdar Tezelman, MD,2 VK American Hospital, General Surgery Clinic; 3Koc University, School of Medicine, Department of General Surgery

P703 PORTO-MESENTERIC THROMBOSIS AFTER LAPAROSCOPIC SPLENECTOMY FOR AT PUBLIC TEACHING HOSPITALS IN ABU DHABI Maysoon M Jamealadin, MD, Awaad O Mohamed, MD, Hamad Al Zaabi, MD, Amira Babiker, MD, Brian Gill, MD, Angad Elshanf, MD, Abdelrahman A Nimeri, MD;1 ACGME-accredited Abu Dhabi Integrated General Surgery Residency; 2Tawam Hospital, 3Sheikh Khalifa Medical City

P704 LAPAROSCOPIC PARTIAL SPLENECTOMY IN A CASE OF A CONGENITAL EPIDERMOMY CYST Nihat Akasal, Selim Dogan, Ali Fuat Kaan Goks, Umut Barbaros, Selcuk Mercan; ISTANBUL UNIVERSITY ISTANBUL SCHOOL OF MEDICINE

P706 COMPARISON OF CLINICAL OUTCOMES OF SINGLE INCISION VERSUS MULTI-PORT LAPAROSCOPIC DISTAL PANCREATECTOMY Orhan Arcaooglu, MD,1 Nihat Akasal, MD,2 Selim Dogan, MD,3 Ibrahim Azamat, MD,2,3 Umut Barbaros, MD;1,3 Koc University, School of Medicine, Department of General Surgery, 2Istanbul University, Istanbul School of Medicine, Department of General Surgery

P707 PREDICTION OF OUTCOMES FOLLOWING LAPAROSCOPIC SPLENECTOMY FOR SPLENOMEGALY IN PATIENTS WITH HEMATOLOGICAL MALIGNANCIES Mohamed O Mohamed, MBBS, Daniel V Laan, MD, Ahmad Nourallah, MD, Juliane Bingener; Mayo Clinic
Posters

P708 RETROPERITONEOSCOPIC VERSUS LAPAROSCOPIC LEFT ADRENALECTOMY: IMMEDIATE RESULTS OF PROSPECTIVE RANDOMIZED TRIAL

V.V. Grubnik, O.S. Burlak, V.V. Ilyashenko, V.V. Grubnik; Odessa national medical university, Ukraine

P709 LAPAROSCOPIC SPLENECTOMY FOR MASSIVE SPLENOMEGALY IN MYELOFIBROSIS WITH MYELOID METAPLASIA

Richard A. Perugini, MD, Jan Cerny, MD, Muthalagu Ramanathan, MD; University of Massachusetts Memorial

P710 REDUCED PORT CHOLECYSTECTOMY FOR A 21 WEEK PREGNANT PATIENT WITH A HISTORY OF LAPAROSCOPY-ASSISTED DISTAL GASTRECTOMY

Michiya Kobayashi, Tsutomu Namikawa, Hiromichi Maeda, Ken Okamoto, Kazuhiro Hanazaki; Kochi Medical School
ETP712 A NOVEL GRAPSENG FORCEPS SYSTEM HAVING REAL HAPTIC FEEDBACK IN A FLEXIBLE MASTER-SLAVE ROBOTIC SURGERY - IMPACT ON TISSUE DAMAGE Norihito Wada, MD, PhD, FACS1, Kyoko Okuda, MA, Kazumi Kuboi, RN, Tetsuya Nakamura, MD, PhD1, Tadateru Maehata, MD, PhD, Takuya Matsunaga1, Takahiro Nozaki, PhD, Kouhei Ohnishi, PhD, Naohisa Yahagi, MD, PhD, Yoko Kitagawa, MD, PhD, FACS1, ‘Keio University School of Medicine, ‘Fujita Health University School of Medicine, ‘Faculty of Science and Technology, Keio University
ETP713 REPAIR METHOD TO LUSCHKA’S DUCT INJURY DURING LAPAROSCOPIC CHOLECYSTECTOMY Shingo Ishida: Fukuoka new mizumaki hospital
ETP714 CYCLOPS: AN ENDOSCOPE ATTACHMENT FOR ENDOSCOPE SUBMUCOSAL DISSECTION George P Mylonas, PhD, Nisha Patel, PhD, Julian Teare, PhD, Ara Darzi, PhD; Imperial College London
ETP715 INDOCYANINE GREEN (ICG) FLUORESCENCE IMAGING FOR PRESERVING PARATHYROID GLANDS AND ITS FUNCTION IN TRANSORAL ENDOTHYROIDOCTITTUBULAR APPROACH (TOETVA) Khwannara Ketwong, Angkoon Anuwong, Pornpeera Jitpratoom; Police General Hospital
ETP716 PRACTICAL USE OF FUNADA-STYLE GASTROPEXY DEVICE II FOR LAPAROSCOPIC INCISIONAL HERNIA REPAIR Takako Tanaka, MD, Shinichiro Mori, PhD, MD, Yoshiaki Kita, PhD, MD, Kenji Baba, PhD, MD, Kan Tanabe, MD, Shigeki Yanagita, PhD, MD, Masayuki Yanagi, PhD, MD, Yoshiako Uenosono, PhD, MD, Yasuto Uchikado, PhD, MD, Hiroshi Okumura, PhD, MD, Kosei Maemura, PhD, MD, Shoji Natsugoe, PhD, MD; Kagoshima University Department of Digestive Surgery, Breast and Thyroid Surgery, Kagoshima University School of Medicine
ETP717 UTILIZATION OF THE PROANAALYSIS MOTION ANALYSIS SOFTWARE, IN SIMULATION-BASED PERFORMANCE ASSESSMENT John C Kubasiak, MD, Sam C Klonoski, MD, Samantha Millikan, Benjamin Veenstra, MD, Jose Velasco, MD, Minh B Luu, MD; Rush University Medical Center
ETP718 THE AUTOLAP SYSTEM AS A PROMISING PLATFORM FOR IMPROVING LAPAROSCOPIC SURGERY Aaron J Berkenwald, MD, Dmitry Nepomnayshy, MD, FACS, Matthew Rade, MD, Desmond H Birkett, MD; Lahey Medical Center
ETP719 NOVEL T-FIXATION PORT FOR LAPAROSCOPIC FEEDING TUBES Steve Siegel, MD, James Dolan, MD, Oregon Health and Science University
ETP720 TEACHING CUES FOR AUTOMATED VIRTUAL TRAINING Anand Malpani1, S. Swaroop Vedula1, Henry C Lin, PhD2, Gregory D Hager, PhD2, ‘Johns Hopkins University, ‘Intuitive Surgical Inc.
ETP721 ARCHELIS, A NEW SURGICAL WEARABLE CHAIR WITHOUT ELECTRICAL EQUIPMENT Hiroshi Kawahira, MD, PhD, FACS, Ayano Toriumi, BA, Yui Uema, Ryochi Nakamura, PhD, Chiba University
ETP722 INNOVATING TRAINING NETWORKS FOR INTERACTIVE E-LEARNING AS THE METHOD OF CHOICE TO BENEFIT FROM BIG DATA ANALYTICS AND COMPUTING IN THE REMOTE MULTIDISCIPLINARY APPROACH AND DECISION MAKING TO OPTIMIZE QUALITY IN CANCER TREATMENT. Konstantinos S Mamas, MD, MSc, PhD; Hellenic Ministry of Education-Program of Excellence-AIS Hypercomputer
ETP723 DOUBLE-ARMED MINIATURE ROBOTS FOR LAPAROENDOSCOPIC SINGLE-SITE ABDOMINAL SURGERIES Lou Cubrich1, Spyridon Packratis, MD1, Dmitry Olevnikov, MD1, Shane Farritor, PhD1, ‘University of Nebraska Lincoln, ‘University of Nebraska Medical Center
ETP724 A NOVEL SURGICAL SUITE MANAGEMENT TECHNOLOGY INCLUDING AUTOMATIC SURGERY STEPS TRACKING AND A LARGE COLLABORATIVE AND INFORMATIVE DISPLAY Juliette Rambourg, Guillaume Joerger, Brian J Dunkin, MD, FACS, Marc Garvey, PhD; Houston Methodist Hospital
ETP725 TOOL EXCHANGER FOR MODULAR ROBOTIC SURGICAL TOOLS Raul Garay-Romero,1, Akshay Pratap, MD2, Crystal Krause, PhD,1 Dmitry Olevnikov, MD,1 Carl Nelson, PhD,1 ‘University of Nebraska Lincoln, ‘University of Nebraska Medical Center
ETP726 LABORATORY EVALUATION OF 3D SURGICAL VIDEO SYSTEMS Mairead Smith, Project Engineer; ECR Institute
ETP727 COMPUTER-ASSISTED INSTRUMENT GUIDANCE: PROVIDING A THIRD DIMENSION TO ENHANCE CONVENTIONAL ULTRASOUND, IMPROVE ACCURACY, AND MINIMIZE MORBIDITY Alexa K Green, RN, David M Pechman, MD, MBA, Hyunusuk Suh, MD; Mount Sinai Beth Israel
ETP728 VALIDATION OF A LAPAROSCOPIC FERROMAGNETIC TECHNOLOGY BASED VESSEL SEALING DEVICE AND COMPARATIVE STUDY TO ULTRASONIC AND BIPOLAR LAPAROSCOPIC DEVICES Jennwood Chen, MD1, Curtis R Jensen, MS2, Preston K Manwarining, MSE, PhD1, Robert E Glasgow, MD1, ‘University of Utah Hospitals, ‘Domain Surgical Inc
ETP729 BIMANUAL AUTONOMOUS ANATOMOSIS OF THE VAGINAL CUFF USING THE SMART TISSUE AUTONOMOUS ROBOT (STAR) Justin Opfermann, MS1, Simon Leonard, PhD2, Ryan Decker, MS1, Christopher Bayne, MD1, Aline Broch, MD1, Axel Krieger, PhD1, ‘Children’s National Medical Center, ‘Johns Hopkins University
ETP730 CINLUMA: A NOVEL THERMO-COAGULATION DEVICE TO TREAT CERVICAL INTRAEPITHELIAL NEOPLASMS IN RESOURCE POOR SETTINGS Jennwood Chen, MD1, Timothy Pickett1, Ashley Langell1, Ashley Tran1, Brian Charlesworth1, Kris Loken1, Sarah Lombardo1, MD1, John T Langell1, MD1, ‘University of Utah Hospitals, ‘Liger Medical
ETP731 DEVELOPMENT OF A FULL-LENGTH SLEEVE GASTRECTOMY STAPLER Jonathan Thompson, MD1, Vikrom K Dhar, MD2, Dennis J Hanseman, PhD3, Brad M Watkins, MD4, Thomas Ine, MD, PhD1, John Morton, MD, MPH1, Tayyab Diwan, MD1, ‘University of Cincinnati Research Institute, ‘Department of Surgery, University of Cincinnati College of Medicine, ‘Children’s Hospital of Colorado, University of Colorado, Denver, ‘Department of Surgery, Stanford University
ETP732 A NOVEL CABLE-FREE WIRELESS INSERTABLE SURGICAL CAMERA FOR MINIMALLY INVASIVE LAPAROSCOPIC SURGERY Ning Li, Gregory J Mancini, MD, FACS, Jindong Tan, PhD; The University of Tennessee
ETP733 MULTI CORE NEEDLE ENDOSCOPY Asaf Shahnoum, PhD, Zeve Zalesky, PhD1; Z Square ltd, 72 Habarzel St., Building A, Ramat Hachayal, Tel Aviv, 6971039, Israel
ETP734 TURNING DIS-EASE INTO EASE Chris Landon, MD1, Michael Seres, CEO1, Larry Suarez1; Ventura County Medical Center, ‘1 Health Ventures
ETP735 TRANSORAL PLATFORM FOR NOTES UGI SURGERY, NOTABLY TRANSORAL CARDIOMYOTOMY FOR ACHALASIA CARDIA Sanjeev Harbhakti, MS, DBN, MCh; Kaizen Hospital, Institute of GE
ETP736 IN-VIVO ABDOMINAL WALL STRAIN DETERMINATION IN COMPLEX VENTRAL HERNIAS (CVH) Hazel Marecki, BS, BS, Children’s Hospital, Institute of GE
ETP737 USE CARBON NANOPARTICLES TO SHOW DECISION-MAKING LYMPH NODES AROUND INFERIOR MESENTERIC ARTERY IN RECTAL CANCER Jun Yan, MD1, Fangqin Xue1, Wenju Liu1, Zhangyanzhuo Liu1, Kai Li1, Dixin Chen1, Wei Jiang1, ‘Department of General Surgery, Nanfang Hospital, Southern Medical University, Guangzhou, China, ‘Department of Surgery, Fujian Provincial Hospital, Fuzhou, China, ‘Department of Surgery, Fujian Provincial Tumor Hospital, Fuzhou, China
ETP738 ENDOSCOPIC ULTRASOUND GUIDED OVERLAPPING SPHINCTEROPLASTY FOR ANAL SPHINCTER INJURY. A NOVAL TECHNIQUE Saket Kumar, MCh, Prabhu Singh, MS, Rahul R, MCh, Pradeep Joshi, MCh; king george medical university
ETP739 KEEPING THE STAPLE LINE SAFE: RE-ENGINEERING THE NASOGASTRIC TUBE AND THE USE OF DIRECT VISUAL GUIDANCE FOR ITS SAFE DEPLOYMENT. Marcos G Molina, MD, Gabriella Shull, Trenton Woodcock, Gabriel Jacobs, Charlie Phillips, Andrew Khair, PhD, Arthur Erdman, PhD, Diksha Srishyla, Marcos R Molina, MD, Robert Acton, MD, Mojca Konia, MD, PhD; University of Minnesota

Emerging Technology Posters

SAGES 2017 Surgical Spring Week
ETP740 REAL-TIME VOLUMETRIC MEASURES USING CODED STRUCTURED LIGHT FOR LAPAROSCOPIC SURGERY

Steen M Hansen, MD; Michael S Hansen, PhD; Peter Funch-Jensen, MD, DMSc, Professor; Aalborg University Hospital, Vrinno, Department of Clinical Medicine, Aarhus University

ETP741 A NEW DEVICE TO FACILITATE INTRACORPOREAL PURSE-STRING SUTURING DURING ENDOSCOPIC SURGERY

Kazuhiro Kijima, MD; Jun-ichi Tanaka, PhD, MD, FACS, Takashi Kato, PhD, MD, Takahiro Umemoto, PhD, MD, Sumito Sato, PhD, MD, Kazuki Yokomizo, PhD, MD, Kazuki Shimura, MD, Yoshikuni Harada, MD, Ryu-ichi Sekine, MD, Hideyuki Oyama, MD; Showa University Fujigaoka Hospital

ETP742 “ROLE OF REAL TIME INDOCYANINE GREEN ANGIOGRAPHY WITH FLUORESCENT IMAGING IN LAPAROSCOPIC RADICAL NEPHRECTOMY FOR RENAL CELL CARCINOMA”

Ayaj H Bhandarwar, MS, Chintan B Patel, MS, Saurabh S Gandhi, MS, Amol N Wagh, MS, Priyank D Kothari, MS, Eham L Arora, MS, Hridaynath V Desai, MS; Grant Government Medical College & Sir J J Group of Hospitals

ETP743 FASTTRACK: A NOVEL AUTOMATIC INSTRUMENT CONTROL ACCESSORY FOR INTERVENTIONAL FLEXIBLE ENDOSCOPY

Benjamin Colvard, MD; Albert Serra-Torrent, MS, Sophie Pernot, PhD; Lee Swanstrom, MD; Jacques Marescaux, MD; IHU-Strasbourg, Institute of Image-Guided Surgery; IRCAD, Research Institute against Cancer of the Digestive System, Strasbourg, France

ETP744 A NEW TECHNOLOGY OF “ONE-STOP SHOP” LIVER SURGERY SIMULATION EQUIPPED WITH ASSESSMENT OF TOTAL AND REGIONAL LIVER FUNCTIONAL RESERVE

Mitsuho Shimada, MD, Shuichi Iwahashi, MD, Yuji Morine, MD, Satoru Imura, MD, Tetsuya Ikemoto, MD, Yu Saito, MD, Masato Yoshikawa, MD, Jun Higashijima, MD; Tokushima University

ETP745 SOFTIE : SOFT HOLLOW FLEXIBLE ROBOT FOR INTERVENTIONAL ENDOSCOPY

Luigi Manfredi, PhD; Alfred Cuschieri, Professor; Institute for Medical Science and Technology, University of Dundee, UK

ETP746 STANDARD CLAMP IMPROVES STAPLE CARTRIDGE UTILIZATION IN SLEEVE GASTRECTOMY

Jonathan R Thompson, MD; Vikrom K Dhar, MD; Dennis J Hansen, PhD; Brad M Watkins, MD; Thomas Inge, MD, PhD; John Morton, MD, MPH; Tayyab Diwan, MD; University of Cincinnati Research Institute, Department of Surgery, University of Cincinnati College of Medicine, Children’s Hospital of Colorado, University of Colorado, Denver, Department of Surgery, Stanford University

ETP747 LAPAROSCOPIC PERCUTANEOUS INSTRUMENTS: THE NEXT GENERATION OF MINIMALLY INVASIVE TECHNOLOGY

Ping Pan, MD; Seeyuen Lee, MD, MPH, Philip L Leggett, MD; Houston Northwest Medical Center

ETP748 VIDEO GUIDED STAPLING FOR ENDOLUMINAL APPLICATIONS: THE NEXT STEP IN THE EVOLUTION OF THE SURGICAL STAPLER

Sam Atallah, FACS, FASCRS; FLORIDA HOSPITAL

ETP750 3D COMPARED TO CONVENTIONAL 2D VISION IMPROVES LAPAROSCOPIC PERFORMANCE IN BOX SIMULATION TRAINING.

Per Holmström, MD; Arestis Sokratous, MD; Lars Enocksson, MD, PhD; Evangelos Georgiou, MD, PhD; Johanna Österberg, MD, PhD; Department of Surgery, Mora Hospital, Mora, Department of Surgical and Perioperative Sciences, Umeå University, Medical Physics Lab-Simulation Center, Medical School, National and Kapodistrian University of Athens, Athens, Greece

ETP751 DEVELOPMENT OF A NEW LAPAROSCOPIC NAVIGATION SYSTEM FOR LIVER SURGERIES USING DUAL (X-RAY/NIR FLUORESCENCE) IMAGING MARKER

Hideki Hayashi, MD, PhD; Seiya Yokkaichi, Masashi Okuzaki, BA, Masahiko Ebata, BA, Tadashi Okayama, BA, Taro Toyota, PhD, Hisahiro Matsubara; Center for Frontier Medical Engineering, Chiba University, Faculty of Engineering, Chiba University, Graduate School of Engineering, Chiba University, Department of Basic Science, Graduate School of Arts and Science, The University of Tokyo, Department of Frontier Surgery, Graduate School of Medicine, Chiba University

ETP752 MICROBIOLOGICAL ANALYSIS AND CLINICAL FEASIBILITY OF A NOVEL DEVICE TO PREVENT SURGICAL SITE INFECTION IN COLORECTAL SURGERY

Insoo Suh, MD; Jonathan Coe, MS; Jeremy Koehler, MS; Mark L Welton, MD; University of California, San Francisco, Prescient Surgical, Inc, Stanford University

ETP753 EXTENDING HUMAN EXTENSIONS FROM DEVICE TO SYSTEM: BED MOUNTED ARTICULATING MANIPULATOR FOR MIS SURGERY

Steven D Schwartzberg, MD; Amir Szold, MD; University at Buffalo, Assia Medical Group

ETP754 CHARACTERISTICS AND PRECISION OF NEEDLE DRIVING FOR RIGHT-HANDED PEDIATRIC SURGEONS COMPARING RIGHT AND LEFT DRIVING USING A MODEL OF INFANT LAPAROSCOPIC DIAPHRAGMATIC HERNIA REPAIR

Shun Onishi, MD; Motoi Mukai, MD, PhD, Takamasa Ike, MD, Koji Yamada, MD, Takafumi Kawano, MD, Waka Yamada, MD, Ryuta Masuya, MD, Seirou Machigashira, MD, Kazuhiko Nakame, MD, Tatsuru Kaji, MD, PhD, Satoshi Ieiri, MD, PhD, FACS; Department of Pediatric Surgery, Kagoshima University

ETP755 A PILOT STUDY TO EVALUATE A FLEXIBLE ROBOT FOR TRANSANAL SURGERY

Mehran D Jafari, MD, Joseph C Carmichael, MD, Alessio Piazzari, MD, PhD; University of California, Irvine, School of Medicine

ETP756 THE USE OF FLUORESCENCE FOR LYMPH NODE MAPPING IN COLORECTAL CANCER

Giuseppe Spinoglio, MD; Dario Ribero, Fabio Priora, Wanda Petz; European Institute of Oncology, Santi Antonio e Biagio e Cesare Arrigo Hospital Alessandria Italy
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3-Dmed ...................................................................... Booth #709
ACell, Inc. ................................................................. Booth #819
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Aspire Bariatrics .......................................................... Booth #407
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BD .......................................................... Booth #323
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EndoGastric Solutions ................................................... Booth #808
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