Surgical Spring Week
SAGES 2017
Scientific Session & Postgraduate Courses
SAGES is Home: Collaborate, Communicate, Connect

PROGRAM CHAIR: HORACIO ASBUN, MD
PROGRAM CO-CHAIR: MELINA VASSILIOU, MD

George R. Brown Convention Center
HOUSTON, TX | MARCH 22 - 25, 2017

FINAL PROGRAM
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47 Social Media and Health Care - Brian P. Jacob, MD
48 Postgraduate Course: ILLS Joint Session - Overview of Minimally Invasive Liver Resection
49 Postgraduate Course: SMART Enhanced Recovery – Beyond Colorectal
50 Program of the "Americas" Joint Panel: What I Thought was a Fact is a Myth?
50 Video Face-Off Panel: Lap Band to Gastric Bypass
51 SS08 Education, Simulation and Assessment
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52 Panel: Firsts and Pioneers - Evolutions and Revolutions in Surgery
52 SS10 Robotics
53 SS11 Exhibit Hall Video Presentations Session 2
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54 Eat & Great Lunch in the Exhibit Hall for All Attendees
54 Let's Do Lunch - Hernia, Liver/Biliary, Esophagus & Colon Tables
54 Community Practice Townhall
55 Hands-On Course: Lap Colon ADOPT (Immersion Program)
56 Workshop: SMART Enhanced Recovery for the Team
57 Postgraduate Course: ILLS Joint Session - Techniques of Laparoscopic Liver Resection Video Session and Liver Tumor Board
58 SAGES/ASMBS Joint Appropriateness Conference on Metabolic Surgery
59 JSES Joint Panel: What Can We Learn from Each Other? MIS Trends in North America and Japan
60 SAGES Stories: Controversies in Foregut Surgery
61 Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair
61 SS12 Flexible / Therapeutic Endoscopy and NOTES®
62 SS13 Exhibit Hall Video Presentations Session 3
63 Refreshment Break/ Happy 1/2 Hour in Exhibit Hall
63 Masters Series: Laparoscopy in Acute Care
64 SS14: SAGES Got Talent - Resident & Fellow Scientific Session
65 Symposium: International Hernia Collaboration Symposium
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67 The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Gastroectomy for Malignancy
68 Industry Educational Events
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79 Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers
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87 The Devil is in the Details Session: Re-Do Anti-Reflux Surgery
87 Video Face-Off Panel: Distal Pancreatectomy
89 Your Session: GERD and Achalasia
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96 SAGES/AGA Joint Session: Shark Tank
97 Session: Wild Cases presented in the Wild West
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98 SS28 Bariatric Surgery - Sleeves, Conversions and More
98 SS30 Colorectal Video Session
98 SS31 Solid Organ Video Session
99 Panel: Managing Adults with Congenital Surgical Anomalies
99 SS32 Plenary 2
100 Session: Emerging Technology
100 ASGE Joint Panel: Endoscopic Management of Colon Lesions
101 Panel: Complications - Oops! When Things Go Wrong
101 SS32 Colorectal 2
102 Masters Series: AHS Joint Session – Ventral Hernia $
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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!

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

SAGES Registration Hours
Tuesday, March 21, 2017 12:00 PM - 5:00 PM
Wednesday, March 22, 2017 6:30 AM - 6:30 PM
Thursday, March 23, 2017 6:30 AM - 5:30 PM
Friday, March 24, 2017 6:30 AM - 5:30 PM
Saturday, March 25, 2017 7:00 AM - 2:00 PM

Exhibits & Posters Dates & Hours –
Wednesday, March 22 Opening Reception: 5:30 pm - 7:30 pm
Thursday, March 23 10:00 am - 4:00 pm
Friday, March 24 10:00 am - 4:00 pm
Saturday, March 25 CLOSED
Exhibits Location: George R. Brown Convention Center - 3rd Level – Exhibit Hall A3.

Speaker Prep Room Hours
Room: 330
Tuesday, March 21 8:00 am - 5:00 pm
Wednesday, March 22 - Friday, March 24 5:30 am - 5:30 pm
Saturday, March 25 6:00 am - 2:30 pm

Getting Around
For transportation options visit https://www.visithoustontexas.com/travel-planning/maps-and-transportation/houston-airports/

SAGES Shuttles
Hands 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

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

@SAGES_Updates www.facebook.com/SAGESSurgery
News for SAGES 2017

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.

SAGES Recognition of Excellence Award
SAGES will announce recipients of the 2017 SAGES Recognition of Excellence Coin daily.
www.sages.org/sagespages

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.

» Immerse 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 oncologic surgery as well as flexible endoscopy.

» Enjoy a day-long program with our Joint Armed Forces colleagues, and collaborative joint sessions with our friends and colleagues from 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 2017 - “SAGES is Home: Collaborate, Communicate, Connect”*
Hotel & Complex Map

**Hotels**

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

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**
  Laura Patterson; Director of Temporary Services
  (512) 381-3140

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

- **SeekingSitters**
  [http://www.seekingsitters.com](http://www.seekingsitters.com)
  Kristin Jarecki
  (281) 224-3418;
  houstonwest@seekingsitters.com
  [www.care.com](http://www.care.com)
  puts you directly in contact with the sitter.
### SAGES 2017 Schedule at a Glance

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wednesday, March 22, 2017</strong></td>
<td></td>
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<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>
</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>
</tr>
<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>SS3: Foregut 1</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>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>SAGES Foundation Awards Luncheon</td>
<td>Room 332</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>HO Course: Endoluminal Bariatrics - Endo to the Rescue!</td>
<td>MITIE</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>HO Course: Robotic Inguinal Hernia Surgery</td>
<td>MITIE</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>Masters Series: The SAGES Masters take You to Foregut School</td>
<td>Ballroom C</td>
</tr>
<tr>
<td>1:30PM - 5:00PM</td>
<td>Workshop: Get Published - How to write a Scientific Manuscript</td>
<td>Room 340</td>
</tr>
<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>
</tr>
<tr>
<td>1:30PM - 3:30PM</td>
<td>SS4: Gastric</td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Your Session: Prevention of Bile Duct Injury</td>
<td>Ballroom B</td>
</tr>
<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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<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 340</td>
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<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>
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<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 - 10:45PM</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>Exhibit 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>Exhibit Hall A3 Theatre</td>
</tr>
<tr>
<td>12:00PM - 1:30PM</td>
<td>Educator’s Luncheon “Can I Trust my Trainee 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 - 4:30PM</td>
<td>HO Course: Lap Colon ADOPT (Immersion Program with Mentorship)</td>
<td>Room 310</td>
</tr>
<tr>
<td>1:30PM - 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/ASMB joint Appropriateness Conference on Metabolic Surgery</td>
<td>Ballroom C</td>
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<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>Ballroom B</td>
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<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 Theatre</td>
</tr>
<tr>
<td>3:00PM - 3:30PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
<td>Exhibit Hall A3 Theatre</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>
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<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>check App for Details</td>
</tr>
</tbody>
</table>

**Surgical Spring Week** · **SAGES 2017** · **March 22 - 25, 2017** · [www.sages2017.org](http://www.sages2017.org)
### SAGES 2017 Schedule at a Glance

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

#### Friday, March 24, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
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<tbody>
<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>
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<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 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 &quot;Ensuring Competency Through Fellowship Training: Frameworks for Success&quot;</td>
<td>Room 332B</td>
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<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 322A</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>
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<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>
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<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>
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<tr>
<td>1:30PM - 3:30PM</td>
<td>SS21: Acute Care Surgery</td>
<td>Room 310</td>
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<td>2:00PM - 4:00PM</td>
<td>SS22: Exhibit Hall Video Presentations 3 (non-CME)</td>
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<td>3:00PM - 4:30PM</td>
<td>ASCRS joint Panel: Laparoscopy for IBD</td>
<td>Room 320</td>
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<tr>
<td>3:00PM - 4:30PM</td>
<td>EAES joint Panel: Cutting Edge Minimally Invasive Surgeon in Europe</td>
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<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>
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<tr>
<td>3:00PM - 4:30PM</td>
<td>Video Face-Off Panel: Distal Pancreatectomy</td>
<td>Room 342</td>
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<tr>
<td>3:00PM - 4:30PM</td>
<td>Your Session: Challenges in the Diagnosis and Management of GERD and Achalasia</td>
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<td>3:30PM - 4:30PM</td>
<td>SS23: Hernia Video Session</td>
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<td>4:30PM - 5:30PM</td>
<td>Panel: Robotic Surgery - New Platforms and Strategies to overcome the Learning Curve</td>
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<td>4:30PM - 5:30PM</td>
<td>SSAT joint Panel: Incidental GI Findings during Surgery</td>
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<td>4:30PM - 5:30PM</td>
<td>SS24: Hernias - Inguinal and Robotics</td>
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<td>4:30PM - 5:30PM</td>
<td>SS25: Biliary Video Session</td>
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<td>4:30PM - 5:30PM</td>
<td>SS26: Education Technology, Teaching and Learning</td>
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<td>4:30PM - 5:30PM</td>
<td>SS27: MIS - Cool Stuff</td>
<td>Room 310</td>
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<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>
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#### Saturday, March 25, 2017

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

**Spouse Breakfast in Memory of Barbara Marks**

**Thursday, March 23: 9:00AM - 11:00AM**

**Cost:** No Fee - All spouses/guests are welcomed to attend. Included with Guest registration.

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.

**Mini-Med School Boot Camp**

**Saturday, March 25: 8:00AM - 2:00PM**

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

**Lunch Provided**

**Cost:** No fee

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.

**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**
SAGES Policy on Conflict of Interest

A. Identifying Conflicts of Interest
SAGES has implemented a five-tiered approach towards identifying potential conflicts of interest.

1. Members of committees involved in the planning of CME activities, including the Board of Governors, must provide a financial disclosure in advance of participation in a committee meeting. These disclosures are sent to the committee in advance of each committee meeting. Attendees are reminded about the disclosure policy at each committee meeting, and any committee member with a conflict is asked to recuse him or herself from the discussion of any CME activities. Chairs and/or Co-Chairs are responsible for ensuring conflicts are managed by appropriate mechanisms (balanced by input from other committee members or recusal).

2. Course Directors for CME activities must provide their financial disclosures along with their suggested course outline and faculty. This information is forwarded to the Conflict of Interest Task Force, who then determines whether or not a potential conflict exists and if so, makes edits, changes or recommendations to the outline.

3. Invited faculty for CME activities must provide their financial disclosures upon invitation to serve as faculty. These disclosures are reviewed by the Course or Session Chairs, conflicts are identified, and management mechanisms are determined. The CITF Chair and Co-Chair review all disclosures, conflicts and management suggestions by Course and Session Chairs, and make the final decision regarding this.

4. All content authors of scientific abstracts must provide disclosure upon submission. Abstracts are peer reviewed in a blinded fashion by multiple reviewers from the Program Committee and are selected for presentation based on scientific merit. All disclosures are provided to the Program Committee during the “Put-The-Program-Together” meeting at which abstracts are selected for presentation. No content author may be an employee of a commercial interest.

5. All speakers at SAGES CME activities must display a list of financial disclosures on the first slide of their presentation and disclosures are printed in the program materials.

B. Managing Potential Conflicts of Interest
SAGES has implemented several mechanisms to manage conflicts of interest prior to an educational activity.

1. Recusal, such as the committee member recusing him or herself from discussion of CME activities.

2. Oversight by the committee Chair or Co-Chair to ensure conflicts do not arise during committee planning sessions.

3. The SAGES Conflict of Interest Task force reviews all Course Director’s disclosures, proposed course outlines and faculty lists. The Conflict of Interest Task Force will make edits to the course outline or faculty list if necessary.

4. Course and Session Chairs are responsible for determining whether or not a conflict exists and if so, how to manage this conflict.

5. If a conflict is determined, then a notice is sent (via mail or email) to the faculty member, requiring them to adhere to the management technique or else recuse him or herself from the presentation.

6. During the session, the Course Director observes the presentations and makes note of commercial bias. If any is perceived, this is immediately reported to the staff.

7. All attendees of CME activities are requested to make note of perceived commercial bias in activity evaluations and bias report forms. The Conflict of Interest Task Force and/or the CME Committee will investigate substantive concerns.

SAGES Program Committee

Chair: Jon Gould, MD
Co-Chair: Melissa Lapinska, MD
Adnan Alsheidi, MD
Horacio Aloban, 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 Poreczek Jackson, MD, PhD
Daniel Jones, MD
Andrew Kastenmeier, MD
Leena Khaitan, MD
Marina Kuran, MD
Robert Lim, MD
John Marks, MD
Jeffrey Marks, MD
Brent Matthews, MD
Stephen McLlatt, MD
Sumreet Mittal, MD
Jonathan Myers, MD
Sheetal Nijhawan, MD
Dmitry Oleynikov, MD
Edward Phillips, MD
Archana Ramaswamy, MD
Sharon Ross, MD
Bethany Sacks, MD
Christopher Schlachta, MD
Don Selzer, MD
Ali Tavakkoli, MD
Dana Telem, MD
Thadeus Trus, MD
Sivamainthan Vidhianathan, MD
Manabu Yamamoto, MD
Tonia Young-Fadok, MD
Natan Zundel, MD

SAGES Conflict of Interest Task Force:

Chair: Patricia Sylva, MD
Peter Denk, MD
Daniel Dezel, MD
Terrence Fullum, MD
Jeffrey Marks, MD
Brendan Marr, MD
Philip Omotosho, MD
Sharon Ross, MD
Phillip Shadduck, MD
Panesh Shah, MD
Ketan Sheth, MD
Prashant Sinha, MD
Steven Stain, MD
Kiran Turaga, MD
SAGES 2017 Meeting Commercial Bias Reporting Form

You are encouraged to...

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

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

Commercial Bias

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

Presentation: Commercial Bias by: Promotion via:
(eg session name, etc) (ie faculty name, company rep) (eg handouts, slides, what they said, actions)

____________________________________________________
____________________________________________________
____________________________________________________
____________________________________________________

Commercial Bias about:
(check all that apply)

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

Please return this form to SAGES Meeting Registration or fax to (310) 437-0585.
**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. 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 credit claim form via a link on the Annual Meeting website.

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

**Self-Assessment CME Credit, Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program:** This activity has also been designated as Self-Assessment CME credit, applicable to Part 2 of the ABS MOC program. In order to claim Self-Assessment credit, attendees must participate in a post meeting assessment test based on Learning Themes which will be available as part of the overall meeting evaluation and CME credit claim. For additional information on the ABS MOC program and its requirements, visit the ABS website at: http://home.absurgery.org/

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### SAGES 2017 CME Hours

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<th>Hours</th>
<th>Attended</th>
<th>Credits</th>
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<tr>
<td>Full-Day Military Surgical Symposium</td>
<td>7.5</td>
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<tr>
<td>Masters Series: Colorectal</td>
<td>3.75</td>
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<tr>
<td>PG Course: Get Published</td>
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<tr>
<td>PG Course: Robotic Hernia Surgery</td>
<td>3.75</td>
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<td>SS1: Bilary</td>
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<tr>
<td>SS2: Bariatric and Metabolic Surgery</td>
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<td>SS3: Foregut 1</td>
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<td>PG Course: Primary Endoscopic Management of the Bariatric Patient</td>
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<td>HO Course: Endoluminal Bariatrics</td>
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<td>HO Course: Robotic Inguinal Hernia Surgery</td>
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<td>Masters Series: Foregut</td>
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<td>Workshop: Get Published</td>
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<td>Panel: Meeting the ABS Mandate - TEC Galaxy</td>
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<td>SS4: Gastric</td>
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<tr>
<td>Your Session: Prevention of Bile Duct Injury</td>
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<td>The Devil is in the Details: Ventral Hernia</td>
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<td>Symposium: Coaching and Telementoring in the Global Arena</td>
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<td>SS5: Colorectal</td>
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<td>SS10: Robotic</td>
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<td>Educator's Luncheon: EPAs for Competency-Based Surgical Education</td>
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<td>HO Course: Lap Colon ADOPT</td>
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<td>Workshop: SMART Enhanced Recovery for the Team</td>
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<td>PG Course: ILS Joint Session - Video Session and Liver Tumor Board</td>
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<td>SAGES/ESMS joint Appropriateness Conference on Metabolic Surgery</td>
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<td>SS55 joint Panel: MIS Trends in North America and in Japan</td>
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<td>SAGES Stories: Controversies in Foregut Surgery</td>
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<td>Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair</td>
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<td>SS12: Hip/Hip! Therapeutic Endoscopy and Notes</td>
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<td>Masters Series: Laparoscopy in Acute Care</td>
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<td>SS14: SAGES Get Talent - Resident &amp; Fellow Scientific Session</td>
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<td>Symposium: International Hernia Collaboration Symposium</td>
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<td>The Devil is in the Details: Laparoscopic Gastroctomy for Malignancy</td>
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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)

- Colorectal (C)
- Bariatrics (B)
- Hernias (HR)
- Foregut (FOR)
- Solid Organ (SO)
- Acute Care (AC)
- Robotics (R)
- HPB/Biliary (HPB)
- Professional/Economic (PE)
- Academic/Educational (AE)
- Flexible Endoscopy (FE)
- New technologies/Skill acquisition (NS)

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. Korndorffer, 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: Ken M. Murayama, MD

Postgraduate Course: Get Published – How to Write a Scientific Manuscript
Chair: Mark A. Talamini, 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. Talamini, MD

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

Educator’s Luncheon
Chair: E. Matthew Ritter, MD

Fellowship Council Luncheon
Chair: Raul J. Rosenthal, MD

Let’s Do Lunch Tables (non-CME)

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

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* = Past President
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L. Michael Brunt, MD*
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Timothy Farrell, MD
Gerald Fried, MD*
Pascal Fuchshuber, MD
Jon Gould, MD
Sanjito Horgan, MD
Gretchen Jackson, MD
Brian Jacob, MD
Marina Kuriyan, MD
Anne Lidor, MD
Robert Lim, MD
Brent Matthews, MD
John Mellinger, MD
Kenic M. Murayama, MD
Allan Okrainec, MD
Dmitry Oleynikov, MD
Adrian Park, MD
E. Matthew Ritter, MD
Christopher Schlachta, MD
Steven Schwartzberg, MD*
Parash Sha, MD
Lee Swanson, MD*
Patricia Sylva, MD
Mark Talamini, MD*
Thadeus Trus, MD
Melina Vassiliou, MD
Danielle Walsh, MD
Tonia Young-Fadok, MD
Natan Zundel, MD

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Kenneth Forde, MD
1983 - 1984
Thomas L. Dent, MD
1984 - 1985
James A. Lind, MD
1985 - 1986
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1986 - 1987
Theodore R. Schrock, MD
1987 - 1988
Talmadge A. Bowden, MD
1988 - 1989
Lee E. Smith, MD
1989 - 1990
Jeffrey Ponsky, MD
1990 - 1992
Frederick L. Greene, MD
1992 - 1993
George Berci, MD
1993 - 1994
Bruce V. MacFadyen, Jr., MD
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Col. Richard M. Satava, MD
1995 - 1996
Greg Stiegmann, MD
1996 - 1997
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1997 - 1998
John Hunter, MD
1998 - 1999
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1999 - 2000
Nathaniel J. Soper, MD
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2001 - 2002
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2002 - 2003
Lee Swanson, MD
2003 - 2004
David Rattner, MD
2004 - 2005
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2005 - 2006
Steven Wexner, MD
2006 - 2007
Steve Zubanks, MD
2007 - 2008
Mark Talamini, MD
2008 - 2009
C. Daniel Smith, MD
2009 - 2010
Jo Buyske, MD
2010 - 2011
Steven Schwartzberg, MD
2011 - 2012
W. Scott Melvin, MD
2012 - 2013
Gerald M. Fried, MD
2013 - 2014
L. Michael Brunt, MD
2014 - 2015
Daniel Bougere Jones, MD
2015 - 2016

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### SAGES 2017 Meeting Leaders

#### SAGES Panel/Session/Symposium/Debate Chairs:

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<tr>
<th>Panel/Session/Symposium/Debate Chairs</th>
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<tr>
<td>AAST Joint Panel: Acute Care Surgery</td>
<td>Robert B. Lim, MD</td>
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<td>Co-Chair: Kimberly A. Davis, MD, MBA</td>
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<td>AHPBA Joint Panel: Contemporary Themes in Minimally Invasive Pancreatic Surgery</td>
<td>Charles M. Vollmer, MD</td>
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<td>Co-Chair: Karen D. Horvath, MD</td>
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<td>ASCRS Joint Panel: Laparoscopy for IBD</td>
<td>Hermann Kessler, MD, PhD</td>
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<td>ASE Joint Panel: Tools for the Surgical Educator</td>
<td>John T. Paige, MD</td>
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<td>ASGE Joint Panel: Endoscopic Management of Colon Lesions</td>
<td>Daniel von Renteln, MD</td>
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<td>SAGES/SSMBS Joint Appropriateness Conference on Metabolic Surgery</td>
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<td>EAES Joint Panel: Cutting Edge Minimally Invasive Surgeon in Europe</td>
<td>H. Jaap Bonjer, MD, PhD</td>
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<td>JSES Joint Panel: What Can We Learn from Each Other? MIS Trends in North America and Japan</td>
<td>Manabu Yamamoto, MD</td>
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<td>KSES Joint Panel: Gastric Cancer</td>
<td>Ho-Seong Han, MD, PhD</td>
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<td>Masters Series: AHS Joint Session - Hernia 'It's not just Hernia'</td>
<td>Archantha Ramaswamy, MD</td>
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<td>Masters Series: Colorectal</td>
<td>John H. Marks, MD</td>
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<td>Masters Series: Laparoscopy in Acute Care</td>
<td>Michael William Cripps, MD</td>
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<td>Masters Series: The SAGES Masters take You to Forogut School</td>
<td>Brant K. Oelschlager, MD</td>
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<td>Masters Series: Surgical Coaching - Tips to Enhance Skills of Trainees and Peers</td>
<td>Justin B. Dimick, MD, MPH</td>
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<td>Co-Chairs: Aimee K Gardner, PhD; Neal E. Seymour, MD</td>
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<td>Panel: All grown up! Managing Adults with Congenital Surgical Anomalies</td>
<td>Danielle S Walsh, MD</td>
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<td>Panel: Complications - Oops! When Things Go Wrong, What do I do now?</td>
<td>John A. Hagen, MD</td>
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<td>Panel: Endoscopic and Laparoscopic Enteral Access - How to do it and How to Treat Complications</td>
<td>Jeffrey M. Marks, MD</td>
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<td>Panel: Finishing Residency; I'm Done! Now What? - Transitioning to Practice</td>
<td>David R. Urbach, MD</td>
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<td>Panel: Firsts and Pioneers - Evolutions and Revolutions in Surgery</td>
<td>Steve Eubanks, MD</td>
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<td>Panel: Global Surgery - I want to do it! Where do I start? What do I need?</td>
<td>Adrian Park, MD</td>
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<td>Panel: Meeting the ABS Mandate - The Program Director's Guide to the FEC Galaxy</td>
<td>Thadeus L. Trus, MD</td>
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<td>Panel: Robotic Surgery - New Platforms and Strategies to Overcome the Learning Curve</td>
<td>Omar Yusef Kudsi, MD, MBA</td>
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<td>Program of the “Americas” Joint Panel: What I thought was a Fact is a Myth?</td>
<td>Nathan Zundel, MD</td>
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<td>SSAT Joint Panel: Incidental GI Findings during Surgery</td>
<td>Nathaniel J. Sofer, MD</td>
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<td>Philip H Pucher, MD, PhD</td>
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<td>SAGES Stories: Controversies in Foregut Surgery</td>
<td>Brian J. Dunkin, MD</td>
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<td>SAGES/AGA Joint Session: Shark Tank (non-CME)</td>
<td>Michael L. Kochman, MD</td>
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<td>Kevin E. Wasco, MD</td>
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<td>Christopher M. Schlachta, MD</td>
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<td>Allan E. Okrainec, MD</td>
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<td>Igor Belyansky, MD</td>
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<td>Daniel M. Herron, MD</td>
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<td>Lorenzo E. Ferri, MD</td>
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<td>The Devil is in the Details Session: Technical Tips from the Masters - Laparoscopic Hartman’s Reversal and Laparoscopic Lavage</td>
<td>Peter W. Marcello, MD</td>
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<td>The Devil is in the Details Session: Technical Tips from the Masters - Treatment of Recurrent Achalasia</td>
<td>C. Daniel Smith, MD</td>
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<td>Brent D. Matthews, MD</td>
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<td>Co-Chair: Andrew J. Duffy, MD</td>
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<tr>
<td>Video Face-Off Panel: Lap Band to Gastric Bypass</td>
<td>Alfonso Pompa, MD</td>
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<tr>
<td>Co-Chair: Aurora Dawn Pryor, MD</td>
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<tr>
<td>Video Face-Off Panel: Common Bile Duct Exploration - More than one way to Skin a Cat</td>
<td>Jeffrey W. Hazey, MD</td>
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<tr>
<td>Co-Chair: Jeffrey L. Ponsky, MD</td>
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<tr>
<td>Video Face-Off Panel: Distal Pancreatetomy</td>
<td>Paul Daniel Hansen, MD</td>
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<tr>
<td>Co-Chair: Michael L. Kendrick, MD</td>
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<tr>
<td>Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair</td>
<td>Shrin Towfigh, MD</td>
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<td>Co-Chair: Edward L. Felix, MD</td>
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<tr>
<td>Video Face-Off Panel: Lap Right Colon</td>
<td>Patricia Sylla, MD</td>
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<tr>
<td>Co-Chair: Dorin Tomi Colibaseanu, MD</td>
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<tr>
<td>Video Fundoplication</td>
<td>Ozanan Ricardo de Oliveira Meireles, MD</td>
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<tr>
<td>Co-Chair: Kyle A. Perry, MD</td>
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<tr>
<td>Your Session: Abdominal Wall Hernia - Provocative Questions in the Practice of Hernia Repair</td>
<td>Gina L. Adrales, MD, MPH</td>
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<tr>
<td>Co-Chair: Guy R. Voller, MD</td>
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<tr>
<td>Your Session: Challenges in the Diagnosis and Management of GERD and Achalasia</td>
<td>Andrew S. Wright, MD</td>
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<tr>
<td>Co-Chair: Simon Bergman, MD</td>
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<tr>
<td>Your Session: Management of Complications of Bariatric Surgery</td>
<td>Raul J. Rosenthal, MD</td>
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<tr>
<td>Co-Chair: Steven P. Bowers, MD</td>
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<tr>
<td>Your Session: Prevention of Bile Duct Injury</td>
<td>Michael L. Kendrick, MD</td>
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<tr>
<td>Co-Chair: Ninh Tuan Nguyen, MD</td>
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<tr>
<td>Mini Medical School Boot Camp for HS Students</td>
<td>Ozanan Ricardo de Oliveira Meireles, MD</td>
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<td>Co-Chair: Kyle A. Perry, MD</td>
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<tr>
<td>Mini Medical School Boot Camp for HS Students (non-CME)</td>
<td>Ozanan Ricardo de Oliveira Meireles, MD</td>
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<td>Co-Chair: Kyle A. Perry, MD</td>
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<td>Co-Chair: Kyle A. Perry, MD</td>
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</table>
### 2017 SAGES Webcast Sessions


#### Thursday, 3/23

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 AM - 9:45 AM</td>
<td><strong>Keynote: Karl Storz Lecture</strong></td>
<td>DAVE KERPEN</td>
</tr>
<tr>
<td>9:45 AM - 10:15 AM</td>
<td><strong>Keynote: Social Media and Health Care</strong></td>
<td>BRIAN P. JACOB, MD</td>
</tr>
<tr>
<td>10:15 AM - 12:00 PM</td>
<td><strong>Video Face-Off Panel: Lap Band to Gastric Bypass</strong></td>
<td></td>
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<tr>
<td>1:30 PM - 3:00 PM</td>
<td><strong>Video Face-Off Panel: Minimally Invasive Inguinal Hernia Repair</strong></td>
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<tr>
<td>3:30 PM - 5:30 PM</td>
<td><strong>Video Face-Off Panel: Common Bile Duct Exploration - More than one way to Skin a Cat</strong></td>
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#### Friday, 3/24

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

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

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**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](http://www.fesprogram.org)
- Fundamentals of Laparoscopic Surgery™ [www.flsprogram.org](http://www.flsprogram.org)
- Fundamental Use of Surgical Energy™ [www.fuseprogram.org](http://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</td>
<td>Full-Day Military Surgical Symposium</td>
<td>Room 322</td>
</tr>
<tr>
<td>8:00AM</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</td>
<td>PG Course: Get Published - How to Write a Scientific Manuscript</td>
<td>Room 340</td>
</tr>
<tr>
<td>8:00AM</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</td>
<td>SS1: Biliary</td>
<td>Room 310</td>
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<tr>
<td>8:00AM</td>
<td>SS2: Bariatric and Metabolic Surgery</td>
<td>Room 320</td>
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<tr>
<td>10:00AM</td>
<td>SS3: Foregut 1</td>
<td>Room 310</td>
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<tr>
<td>10:00AM</td>
<td>PG Course: Primary Endoscopic Management of the Bariatric Patient</td>
<td>Room 320</td>
</tr>
<tr>
<td>12:00PM</td>
<td>SAGES Foundation Awards Luncheon</td>
<td>Room 332</td>
</tr>
<tr>
<td>1:30PM</td>
<td>HO Course: Endolumenal Bariatrics - Endo to the Rescue!</td>
<td>MITIE</td>
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<tr>
<td>1:30PM</td>
<td>HO Course: Robotic Inguinal Hernia Surgery</td>
<td>MITIE</td>
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<tr>
<td>1:30PM</td>
<td>Masters Series: The SAGES Masters take You to Foregut School</td>
<td>Ballroom C</td>
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<tr>
<td>1:30PM</td>
<td>Workshop: Get Published - How to write a Scientific Manuscript</td>
<td>Room 340</td>
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<tr>
<td>1:30PM</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</td>
<td>SS4: Gastric</td>
<td>Room 310</td>
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<tr>
<td>1:30PM</td>
<td>Your Session: Prevention of Bile Duct Injury</td>
<td>Ballroom B</td>
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<tr>
<td>3:00PM</td>
<td>The Devil is in the Details Session: Technical Tips from the Masters - Ventral Hernia</td>
<td>Ballroom B</td>
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<tr>
<td>3:30PM</td>
<td>Symposium: Coaching and Telementoring in the Global Arena - Project 6</td>
<td>Room 320</td>
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<tr>
<td>3:30PM</td>
<td>SS5: Colorectal 1</td>
<td>Room 310</td>
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<tr>
<td>5:00PM</td>
<td>Opening Session - Welcome Ceremony</td>
<td>Ballroom B</td>
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<tr>
<td>6:00PM</td>
<td>Faculty Intro Session: Lap Colon ADOPT HO Course (Paid Attendees only)</td>
<td>Room 340</td>
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</tbody>
</table>

Wednesday, March 22, 2017
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>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Introduction</td>
<td>COL Yong Choi, MC, USA</td>
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<tr>
<td>8:05AM</td>
<td>General Surgery Abstract Presentations</td>
<td>MAJ Christopher Yheulon, MC, USA</td>
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<td>CAPT Romeo Ignacio, MC, USN</td>
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<td>Lt Col Fia Yi, MC, USA</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</td>
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<td>LCDR Tiffany Cox, MC, USN</td>
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<td>Maj Jason Pasley, MC, USA</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 “Defense Health Agency - Surgical Quality Initiatives within the Military Health System”</td>
<td>VADM Racquel C. Bono, MC, USN</td>
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<tr>
<td>11:45AM</td>
<td>Lunch break</td>
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<tr>
<td>1:00PM</td>
<td>Trauma Abstract Presentations</td>
<td>LTC Matthew Eckert, MC, USA</td>
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<td>CDR Matthew Tadlock, MC, USN</td>
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<td>Col David P. Blake, MC, USA</td>
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<tr>
<td>2:00PM</td>
<td>Break</td>
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<tr>
<td>2:30PM</td>
<td>Civilian and Military Surgical Quality Collaboratives:</td>
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<td></td>
<td>The Economics of Surgery In the Future - How will we Define Surgical Quality?</td>
<td>Eric S. Bour, MD, MBA</td>
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<td>The Michigan Surgical Quality Collaborative - How Surgeons can Steer the Ship with New Payment System</td>
<td>Darrell A. Campbell, MD</td>
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<td>South Carolina Surgical Quality Collaborative - How Collaboration can Make Metrics More Relevant</td>
<td>Mark A. Lockett, MD</td>
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<td>SAGES Quality, Outcomes and Safety Committee</td>
<td>Jonathan Dort, MD</td>
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<td>Military Health System NSQIP Collaborative</td>
<td>Lt Col Peter Learn, MC, USA</td>
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<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>
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<tr>
<td>5:00PM</td>
<td>Adjourn</td>
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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 COLORECTAL SURGERY Ally Ha, MD, Carly R Richards, MD, Robert B Lim, MD, Suzanne M Gillern, MD; Tripler Army Medical Center
Wednesday, March 22, 2017

Surgical Spring Week

MS04 NEW PREY FOR THE LINX®: STANDARD VERSUS EXPANDED INDICATIONS FOR ESOPHAGEAL MAGNETIC SPHINCTER AUGMENTATION FOR REFUX DISEASE  
John P Kuckelman, DO, Cody J Phillips, Mark O Hardin, Matthew J Martin, MD; Madigan Army Medical Center

MS05 HYERTENSION RESOLUTION AFTER BARIATRIC SURGERY  
Devon Hawkins, MD, Balakrishna Prasad, PhD, Byron Faler, MD, Yong Choi, MD; Eisenhower Army Medical Center

MS06 IMPROVED DISEASE-FREE SURVIVAL IN ENDOMETRIAL AND OVARIAN CANCER PATIENTS WITH LOW FOLATE BINDING PROTEIN EXPRESSION AFTER TREATMENT WITH THE RFG PEPTIDE VACCINE IN A PHASE II/IIA TRIAL  
Kaitlin M Peace, MD, Diane F Hafele, MD, Timothy J Vreeland, MD, Doreen O Jackson, MD, Julia M Greene, MD, John S Berry, MD, Alfred F Trappey, MD, Garth S Herbert, MD, Guy T Clifton, MD, Mark O Hardin, MD, Kathleen M Darcy, PhD, Chad A Hamilton, MD, G Larry Maxwell, MD, George E Peoples, MD; Brooke Army Medical Center, Womack Army Medical Center, Washington University Department of Colon and Rectal Surgery, Duke Grant USAF Medical Center, Madigan Army Medical Center, Gynecologic Cancer Center of Excellence, Cancer Vaccine Development Program

MS07 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 Pfuke, MD; San Antonio Military Medical Center

MS08 PANICULECTOMY 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, D M DeBarros, MD, Matthew J Martin, MD; Madigan Army Medical Center

9:30 AM MS02 Basic Science

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

MS10 GRAFT-IMPLANTED TAMCROLIMUS-ELUTING HYDROGELS PROLONG SURVIVAL AFTER VASCULARIZED COMPOSITE ALLOTRANSPLANTATION  
Kevin Wu, MD, Renford Cindass, MD, Lin Wang, MD, Sharon Lawson, MD, Jeffrey Karp, MD, Nitin Joshi, MD, Praveen Vemula, MD, Vijay Gorantla, MD; Michael Davis, MD; RESTOR Program, 59th Medical Wing, Lackland AFB, TX; San Antonio Medical Center, JBSA Fort Sam Houston, TX, University of Texas Health Science Center at San Antonio, Brigham & Women's Hospital, Harvard Medical School, Institute for Stem Cell Biology and Regenerative Medicine, University of Pittsburgh Medical Center, 59th Medical Wing, 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 Robbins, MD, Kevin Y Wu, MD, Renford Cindass, MD, Sharon Lawson, MD, Lin Wang, MD, George E Wolf, MD; Michael Davis, MD; RESTOR Program, 59th Medical Wing, Lackland AFB, TX; San Antonio 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 McCarty, MD, Christopher W Mangieri, MD, Colin D Brown, MD, Prasad M Balakrishna, PhD; Dwight D Eisenhower Army Medical Center

MS14 IMPACT OF A NOVEL P38-KINASE INHIBITOR IN PREVENTING MITOCHONDRIAL DNA DAMAGE AND DAMAGE ASSOCIATED MOLECULAR PATTERN ACCUMULATION: RESULTS FROM THE BIOCHROMECTIC PROJECT  
G E Black, MD, K K Sokol, MD, D M Moe, MD, J Simmons, MD, D Muscat, BS, V Pastukh, PhD, G Capley, MS, O Gorodnya, MD, M Ruchko, PhD, M Gillespie, PhD, M J Martin, MD; 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, Donald Moe, MD, John McClellan, MD, Joshua Smith, DO, Leo Daab, MD, Shannon Marko, DVM, Nam Tran, MD, Benjamin Starnes, MD, Matthew Martin, MD; Madigan Army Medical Center, University of Washington

MS16 NO IV, NO PROBLEM: INTRAABDOMINAL ADMINISTRATION OF TRANEXAMIC ACID IS AS EFFECTIVE AS INTRAVENOUS IN A PORCINE HEMORRAGE MODEL  
Michael Lallemand, MD, Donald Moe, MD, John McClellan, MD, Mike Loughren, PhD, Shannon Marko, DVM, Matthew Eckert, MD, Matthew Martin, MD; 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, Carlos J Rodriguez, DO, Eric Elster, MD, Matthew J Bradley, MD; 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 (ASESS) COURSE: EVALUATION BY MILITARY SURGEON GRADUATES OF UTILITY AS PRE-DEPLOYMENT TRAINING  
Matthew M Gangidine, BS, Kristy Pugh, MS, Mark W Bowyer, MD, FACS; Uniformed Services University of the Health Sciences and Walter Reed National Military Medical Center

MS20 SMARTPHONE-BASED MOBILE THERMAL IMAGING TECHNOLOGY TO ASSESS LIMB 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; 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, MD, Joshua Smith, DO, Shannon Marko, DVM, Matthew Eckert, MD, Matthew Martin, MD; Madigan Army Medical Center

MS22 SURVEY RESULTS OF GENERAL SURGEONS’ EXPERIENCE WITH EMERGENCY NEUROSURGICAL PROCEDURES  
Jordan Guice, MD, MPH; Jennifer Gurney, MD, Mike Del Junco, PhD, Stacy Shackelford, MD, Tyson Becker, MD; 59th Medical Wing, Lackland AFB

MS23 DEVELOPING AN IMPROVED MORTALITY PREDICTION SCORE FOR COMBAT CASUALTIES  
Anders Davidson, MD, Judson Janak, PhD, Jeff Howard, PhD, Ian Stewart, MD; David Grant Medical Center, U.S. Army Institute of Surgical Research
LEARNING THEMES:
- Acute Care
- Professional/Economic
- Academic/Educational
- New technologies/Skill acquisition

GUIDELINES:
- Educational Mission Statement

Wednesday, March 22, 2017

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, MD, 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**
N. Grbunilk, O. Tkachenko, V. V. Ilyashenko, E. I. Shapovalova; Odessa national medical university, Ukraine

**S004 PREDICTIVE FACTORS ASSOCIATED WITH CHOLANGITIS FOLLOWING ENDOCOPIC RETROGRADE CHOLANGIOPANCREATOGRAHY**
Joshua Tierney, MD, Neel Bhutiani, 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, MSIV, Peter Callas, PhD,1 Sean Wrenn, MD,2 Wasef Abu-Jaish, MD, FACS, FASM, BS;1 ‘University of Vermont College of Medicine, 2University of Vermont Medical Center

**S006 INTRODUCTION OF A JAPAN-KOREA-TAIWAN COLLABORATIVE PROJECT: DEFINING THE SURGICAL DIFFICULTY DURING LAPAROSCOPIC CHOLECYSTECTOMY**
Takada, Ho-Seong Han, Saen-Long Hwang, Go Wakabayashi, Masakazu Yamamoto, Keio University School of Medicine, 2Oita University Faculty of Medicine, 3Tokyo Metropolitan Komagome Hospital, 4International University of Health and Welfare, 5Teikyo University School of Medicine, 6Seoul National University Bundang Hospital, 7Lin-Kou Chang Gung Memorial Hospital, 8Ageo Central General Hospital, 9Tokyo 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 Kohn1,2, Alexander Trenk1,2, Brittany Lapin,3 John G Linn, Stephen Haggerty,4 Woody Denham,5 Ray Joehl,6 Michael B Ujiki7;1 ‘University of Illinois at Chicago Medical School, 2Department of Surgery, Section of Minimally Invasive Surgery, NorthShore University HealthSystem

**S010 BILE DUCT INJURY AND MORBIDITY FOLLOWING CHOLECYSTECTOMY: A NEED FOR IMPROVEMENT**
Meredith Barrett, MD,1 Dana Telem, MD, MPH,1 Horacio Asbun, MD,2 Michael Brunt, MD;1 ‘University of Michigan, 2Mayo Clinic Jacksonville, 3Washington University

**S011 Withdrawn**

**S012 INCREASING COMMON BILE DUCT INJURY AND DECREASING UTILIZATION OF INTRA-OPERATIVE CHOLANGIOGRAM 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 Talamini, MD, Aurora Pryor, MD; Stony Brook Medical Center

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

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, Yuming 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 DeMeireles, MD,1 Alexander Trenk2,3 Brittany Lapin,4 John G Linn,5 Stephen Haggerty,6 Woody Denham,7 Ray Joehl,8 Michael B Ujiki;1 ‘University of Illinois at Chicago Medical School, 2Department of Surgery, Section of Minimally Invasive Surgery, NorthShore University HealthSystem

**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, FRCS, FASMBS; University of Pittsburgh Medical Center

**S016 UNSEDADE TRANSNASAL ENDOCOPIC EVALUATION OF BARIATRIC PATIENTS**
Raquel E Redondo, MD,1 Blake Movitz, MD,2 Rami Lutfi, MD;1 ‘Anne Arundel Medical Center, 2‘UIC Metropolitan Group Hospital Residency

**S017 BARIATRIC SURGERY IS ASSOCIATED WITH RENAL FUNCTION IMPROVEMENT**
Carla Holcomb, MD, MSPH, Lauren Goss, MSPH, Amanjdi Livio, 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 Funes, MD, Srigita Madiraju, MS, FAU, Federico Perez Quirante, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FAC, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

*Included in Registration SuperPass (Option A) or Registration Option B
Wednesday, March 22, 2017

**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, 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 Enosch, 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 Kuwada, MD; Carolina Medical Center

**S022 BARRET'T'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 Innovation 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**
Ajaina Techagumpuch, MD, Khankarn Augsonchat, MD, Chadin Tharavej, MD, Suppa-ut Pungpapong, MD, Patpong Navicharern, MD, Suthep Udomsawaengsup, MD; Thammasat university, ‘King Chulalongkorn Memorial University

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**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
**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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</thead>
<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: Anastomotic Relations and Three Approaches - Inframesocolic, Supramusocolic, and Lateral to Medial</td>
<td>Giovanni Dapri, MD, PhD</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: How to Organize to Succeed</td>
<td>John Marks, MD</td>
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<tr>
<td>9:30AM</td>
<td>Q&amp;A / Discussion</td>
<td></td>
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<tr>
<td>9:40AM</td>
<td>Current Indications for Laparoscopic Surgical Treatment of Diverticulitis: Washout, Resection, Hartmann’s, Role of Stents</td>
<td>Jonathan Efron, MD</td>
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<tr>
<td>10:00AM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>10:10AM</td>
<td>Break</td>
<td></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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<tr>
<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 Plan and Plans for Surgery in the Upper to Mid Rectum</td>
<td>Conor Delaney, MD, PhD</td>
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**LEARNING THEMES:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Theme</th>
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<tbody>
<tr>
<td>C</td>
<td>Colorectal</td>
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<tr>
<td>R</td>
<td>Robotics</td>
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</table>

**GUIDELINES:**

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

**NATIONAL PRIORITIES**

Wednesday, March 22, 2017

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**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**

<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>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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</tbody>
</table>

**LEARNING THEMES:**

<table>
<thead>
<tr>
<th>Code</th>
<th>Theme</th>
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</thead>
<tbody>
<tr>
<td>AE</td>
<td>Academic/Educational</td>
</tr>
<tr>
<td>NS</td>
<td>New technologies/Skill acquisition</td>
</tr>
</tbody>
</table>

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

8:00 AM - 12:00 PM

*Included in Registration SuperPass (Option A) or Registration Option B*
**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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<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>8:00AM</td>
<td>Where’s the Evidence? A Data Update on Robotic Hernia Repair</td>
<td>Alfredo Carbonell, DO</td>
</tr>
<tr>
<td>8:15AM</td>
<td>Introducing New Technology: Ways to Follow Your Outcomes</td>
<td>Justin Dimick, MD, MPH</td>
</tr>
<tr>
<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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<tr>
<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>
</tr>
<tr>
<td>9:10AM</td>
<td>Robotic Inguinal Hernia Repair: Technique – Tips and Tricks</td>
<td>Shirin Towfigh, MD</td>
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<tr>
<td>9:25AM</td>
<td>Robotic Inguinal Hernia Repair at time of Prostatectomy</td>
<td>Eduardo Parra-Davila, MD</td>
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<tr>
<td>9:40AM</td>
<td>Q &amp; A</td>
<td>Panel</td>
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<tr>
<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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<tr>
<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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<tr>
<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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<tr>
<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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<tr>
<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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<tr>
<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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<tr>
<td>11:50AM</td>
<td>Q &amp; A</td>
<td>Panel</td>
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</tbody>
</table>

**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

SS03 Foregut 1

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

S025 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 CLINICOPATHOLOGICAL STUDY OF ESOPHAGECTOMIZED SPECIMENS IN PATIENTS WITH ENDOSCOPIC COMPLETE RESPONSE FOLLOWING CHEMORADIATION IN LOCALLY ADVANCED ESOPHAGEAL CANCER

Chadin Tharavej, Patpong Navicharern, Supaut Pungpapong, Suthep Udomsaweangsup; Chulalongkorn University

S027 MINIMALLY INVASIVE (MI) IVOR LEWIS AND McKEEOWN 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; University of Vermont Medical Center

V005 PARAESOPHAGEAL HERNIA REPAIR WITH LARGE ESOPHAGEAL TUMOR RESECTION: CHALLENGES IN LAPAROSCOPIC MEDIASTINAL DISSECTION

Monica T Young, MD, Hope T Jackson, MD, Alejandro Rodriguez, MD, Brant K Oelschlager, MD, Andrew S. Wright, MD; University of Washington School of Medicine

S029 IMPACT OF SURGICAL APPROACH ON PERIOPERATIVE AND LONG-TERM OUTCOMES FOLLOWING ESOPHAGECTOMY FOR ESOPHAGEAL CANCER.

Negar Ahmadi, MD, MSc; University of Ottawa, Ottawa, Canada

V006 THORACO-LAPAROSCOPIC ESOPHAGECTOMY WITH RIGHT COLON INTERPOSITION FOR CORROSIVE STRicture OF ESOPHAGUS

C Pananivelu, 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 Kumar, MS, S Saravana Kumar, MS; GEM Hospital & Research Centre

S020 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 Sundareshan, MD, P James Villeneuve, MD, PhD, Donna E Mazia, MD, MSc, Farid M Shamji, MD; Department of General Surgery, University of Ottawa, Ottawa, Canada

V007 PERFORATED RECURRENT PARAESOPHAGEAL HERNIA (VIDEO)

Ahmed Sharata, MD; Oregon Clinic/GMIS, Portland 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; Diakonie Klinikum, Evangelisches Krankenhaus Castrop-Rauxel, Evangelisches Krankenhaus Herne, Aarhus University Hospital, Fundacion Favaloro, St.-Marien-Hospital, Maastricht 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

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<thead>
<tr>
<th>Time</th>
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<th>Invited Faculty</th>
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<tbody>
<tr>
<td>10:30AM</td>
<td>Welcome and Introduction</td>
<td>Matthew Kroh, MD</td>
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<tr>
<td>10:35AM</td>
<td>Bariatric endoscopy training: Do we need certification?</td>
<td>Bipan Chand, MD</td>
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<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>
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<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>
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<tr>
<td>11:25AM</td>
<td>Endoscopic liner therapy and ablative treatment</td>
<td>Bryan Sandler, MD</td>
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<tr>
<td>11:35AM</td>
<td>Aspiration therapies and novel endoluminal interventions for obesity treatment</td>
<td>Kevin Reavis, MD</td>
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<tr>
<td>11:45AM</td>
<td>Expert Panel</td>
<td>All Faculty</td>
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</tbody>
</table>

LEARNING THEMES:
- B: Bariatrics
- FE: Flexible Endoscopy
- NS: 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

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Abstract</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pierre Allemann</td>
<td>Centre Hospitalier Universitaire Vaudois (CHUV), Lausanne, CH and Vrie University Medical Center (VUMC), Amsterdam, NL</td>
<td>Completely Minimally Invasive Esophagectomy for Cancer with Intrathoracic Anastomosis: A Simple and Reproducible Technique in Prone Position</td>
<td>Switzerland</td>
</tr>
<tr>
<td>Akinari Nomura</td>
<td>Saga University</td>
<td>A Novel Evacuation System Enables Surgeons to Perform Laparoscopic Total Mesorectal Excision with High Precision Using an Electric Scalpel Alone</td>
<td>Japan</td>
</tr>
<tr>
<td>Arslan Pannu</td>
<td>The Central Manchester University Hospitals, The Royal Blackburn Hospital, Blackburn, UK, and The Royal Oldham Hospital, Manchester, UK</td>
<td>Laparoscopic Peritoneal Lavage Versus Sigmoidectomy for Management of Perforated Diverticulitis: Meta-Analysis of Randomized Controlled Trials</td>
<td>United Kingdom</td>
</tr>
<tr>
<td>Eham L Arora</td>
<td>Grant government medical college &amp; Sir J.J. group of Hospitals, Mumbai, India, and Government Medical College and Hospital, Nagpur, India</td>
<td>Laparoscopic Lateral Pancreaticojunostomy Stapled and Sutured Techniques.</td>
<td>India</td>
</tr>
<tr>
<td>Pablo Achurra</td>
<td>Department of Gastrointestinal Surgery, Pontificia Universidad Católica de Chile and Hospital Sotero del Río, Santiago, Chile</td>
<td>Laparoscopic Four-duct Hepatojejunal Anastomosis in Severe Mirizzi Syndrome</td>
<td>Chile</td>
</tr>
</tbody>
</table>

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Wednesday, March 22, 2017

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

**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**
**Presented by: David Rattner, MD, Awards Committee Chair**

**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**
**Presented by: David Rattner, MD, Awards Committee Chair**

**Recipients: 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 attained 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

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

SAGES 2017 Research Grant Awards
Presented by: David Urbach, MD; Research Committee Chair with Representatives from Supporting Companies
Recipient: Eran Shlomovitz
Institution: Toronto General Hospital
Title: 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.
Supported by Karl Storz
Recipient: Julian Varas Sr.
Institution: Pontificia Universidad Católica de Chile
Title: The MITO project
Supported by SAGES Education and Research Foundation
Recipient: Valentine Nfongen Nfonsam
Institution: University of Arizona
Title: Does Up-regulation of COMP Gene Confer Aggressiveness in Early-onset Colon Cancer?
Supported by SAGES Education and Research Foundation
Recipient: Jerry Dang
Institution: University of Alberta
Title: The Microbiology of Bariatric Surgery
Supported by SAGES Education and Research Foundation

Investigative Robotic Surgery Grant Recipients
Recipient: Ara W Darzi, MD
Institution: Imperial College London
Title: Multimodal Mapping for Robotic Surgery: Fusing Rapid Evaporative Ionisation Mass Spectrometry (REIMS) with 3D Ultrasound Imaging in a Robust Tracking Framework
Funding generously provided by Intuitive Surgical
Recipient: Dmitry Oleynikov, MD
Institution: University of Nebraska Medical Center
Title: Ergonomics of Robotic Surgery: Survey and Analysis of Muscle Effort and Fatigue
Funding generously provided by Intuitive Surgical
Recipient: Douglas Marvin Overbey, MD
Institution: University of Colorado
Title: Characterizing Energy Use and Stray Energy Transfer during Single Site and Traditional Robotic Surgery.
Funding generously provided by Intuitive Surgical
Recipient: Vernissia Wei-Si Tam, MD
Institution: University of Pittsburgh
Title: Robotic Surgery: Does Functional Recovery and Quality of Life Improve?
Funding generously provided by Intuitive Surgical
Recipient: Jeremy Aaron Warren, MD
Institution: Greenville Health System
Title: Open Robotic versus RetroMuscular Incisional Hernia Repair; ORREO trial
Funding generously provided by Intuitive Surgical
Wednesday, March 22, 2017

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)

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 Laparoendoscopic 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 gratefully acknowledges support by Olympus

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 diplomate 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 (UERMMC) Chapter, and regularly volunteers in medical & surgical missions all over the Philippines.
Wednesday, March 22, 2017

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

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 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
Presented by: Desmond Birkett, MD, SAGES Foundation President

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

Arnold P. Gold Foundation - SAGES Award for Excellence in Humanistic Clinical Care
Presented by: David Rattner, MD, Awards Committee Chair

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

Dr. 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.

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

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

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 has 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
Presented by: David Rattner, MD, Awards Committee Chair

Recipient: Michel Gagner, MD

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
Presented by: Daniel Scott, MD, SAGES President

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.”

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.

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.
### 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

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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<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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<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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<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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<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>Leena Khaitan, MD</td>
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<tr>
<td>2:15PM – 5PM</td>
<td>Lab - personal engagement of each of the stations</td>
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</tbody>
</table>

#### COURSE CRITERIA
Participants should have at least baseline experience with diagnostic upper endoscopy.

#### LEARNING THEMES:
- Bariatrics
- Flexible Endoscopy

#### 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_

#### 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
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:
H 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.
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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Surgical and Endoscopic Options for the Management of Achalasia</td>
<td>Lee Swanstrom, MD</td>
</tr>
<tr>
<td>1:50PM</td>
<td>Q&amp;A / Discussion</td>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>2:20PM</td>
<td>Q&amp;A / Discussion</td>
<td></td>
</tr>
<tr>
<td>2:30PM</td>
<td>Antireflux surgery for laryngeal and lung disease</td>
<td>Andrew Wright, MD</td>
</tr>
<tr>
<td>2:50PM</td>
<td>Q&amp;A / Discussion</td>
<td></td>
</tr>
<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>
</tr>
<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>
</tr>
<tr>
<td>3:50PM</td>
<td>Q&amp;A / Discussion</td>
<td></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>
</tr>
<tr>
<td>4:20PM</td>
<td>Q&amp;A / Discussion</td>
<td></td>
</tr>
<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>
</tr>
<tr>
<td>4:50PM</td>
<td>Q&amp;A / Discussion</td>
<td></td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- FOR Foregut
- FE Flexible Endoscopy
- NS New technologies/Skill acquisition

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 its likelihood of acceptance through critical appraisal and editing
- Manage and navigate the peer review process

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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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>
</tr>
<tr>
<td>4:45PM</td>
<td>Summation</td>
<td>Mark Talamini, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- AE  Academic/Educational
- NS  New technologies/Skill acquisition

NATIONAL PRIORITIES
Wednesday, March 22, 2017

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

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>Why do we need FEC? Everything was fine the way it was!</td>
<td>John Mellinger, MD</td>
</tr>
<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>2:20PM</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,</td>
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<td>Andrew Kastenmeier, MD</td>
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<td>Jeffrey Marks, MD,</td>
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<td>Jonathan Pearle, MD,</td>
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<tr>
<td></td>
<td></td>
<td>Sara Hennessy, MD</td>
</tr>
<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>
</tr>
<tr>
<td>3:20PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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</table>

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; 1Uniformed Services University/Walter Reed Department of Surgery, Division of General Surgery & National Capital Region Simulation Consortium, Bethesda MD, 2Department of Surgery, Tulane University School of Medicine, New Orleans LA, 3University 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

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>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>
</tr>
<tr>
<td>1:54PM</td>
<td>Acute cholecystitis: Technical strategies for optimal results</td>
<td>Nathaniel Stoikes, MD</td>
</tr>
<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>
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<tr>
<td></td>
<td>cholecystectomy</td>
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<tr>
<td>2:24PM</td>
<td>You think you may have injured the bile duct. What now?</td>
<td>Horacio Asbun, MD</td>
</tr>
<tr>
<td>2:36PM</td>
<td>Panel Discussion - Truth or consequences: Does this case meet criteria for the</td>
<td>Dimitrios Stefanidis, MD</td>
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<tr>
<td></td>
<td>critical view of safety?</td>
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</table>

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

V101 ENDO-SCOPIC 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-OPERATIVE MAJOR BLEEDING AND THE CORRELATION RISK FACTORS OF LAPAROSCOPY: ASSISTED RADICAL GASTRECTOMY FOR ADVANCED GASTRIC CANCER Yingqiu 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, Justen A Doble, MD, Eric M Pauli, MD; Penn State Hershey Medical Center
Wednesday, March 22, 2017

SAGE 2017 Surgical Spring Week

S035 THE EFFECT OF NEOADJUVANT CHEMORADIATION ON ANASTOMOTIC LEAK AND ADDITIONAL 30-DAY MORBIDITY OR MORTALITY IN PATIENTS WITH GASTRIC CANCER
Ivy N Haskins, MD, Matthew D Kroh, MD, FACS, Richard L Amdur, PhD, John H Rodriguez, MD, FACS; Khayshar Vaziri, MD, FACS
Department of Surgical Endoscopy, Department of General Surgery, Cleveland Clinic; Department of Surgery, George Washington University

V013 LAPAROSCOPIC REVISION OF A BILLROTH II WITH BRAUN ANASTOMOSIS INTO A ROUX-EN-Y ANATOMY IN A PATIENT WITH INTESTINAL MALROTATION
Fabio Garofalo, MD, Omar Abouzahr, MD, Henri Atlas, MD, Ronald Denis, MD, Pierre Garneau, MD, Hai Huynh, MD, Radu Pescarus, MD; Sacré-Cœur Hospital

S036 LAPAROSCOPIC TOTAL GASTRECTOMY WITH JEJUNAL POUCH VERSUS NO POUCH RECONSTRUCTION – A CASE MATCHED ANALYSIS
Palaniivelu, R Parthasarathi, P Senthilnathan, S Rajapandian, P Praveen Raj, Subrahmaneswara Babu; GEM Hospital & Research Centre

V014 LAPAROSCOPIC SLEEVE GASTRECTOMY AS A PREFERRED RESECTION MODALITY FOR GIANT MULTIFOCAL SYNCHRONOUS GASTRIC GASTROINTESTINAL STROMAL TUMORS (GISTS)
Piotr Gorecki, MD, Tianming Liu, MD, MPH; New York Methodist Hospital

S037 MINIMALLY INVASIVE SURGERY AS A TREATMENT OPTION FOR GASTRIC CANCER PATIENTS WITH LIVER METASTASIS: A COMPARISON WITH OPEN SURGERY
Jiyang Li, Hongqing Xi, Jianxin Cui, Aizhen Cai, Kecheng Zhang, Yunhe Gao, Bo Wei, Lin Chen; Chinese People's Liberation Army of General Hospital

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 abdominus 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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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>
</tr>
<tr>
<td>3:12PM</td>
<td>Prophylactic Mesh Augmentation of Midline Laparotomy Closure</td>
<td>Filip Muysoms, MD</td>
</tr>
<tr>
<td>3:20PM</td>
<td>Panel Discussion and Debate</td>
<td>Panel</td>
</tr>
<tr>
<td>3:38PM</td>
<td>Transversus Abdominis Release</td>
<td>Andrew Duffy, MD</td>
</tr>
<tr>
<td>3:46PM</td>
<td>Laparoscopic Transversus Abdominis Release</td>
<td>Igor Belyansky, MD</td>
</tr>
<tr>
<td>3:54PM</td>
<td>Robotic Retrorectus Ventral Hernia Repair: Patient Positioning, Robot Docking, Retrorectus Dissection, and Mesh Placement</td>
<td>Alfredo Carbonell, DO</td>
</tr>
<tr>
<td>4:02PM</td>
<td>Perforator Sparing Anterior Component Separation Release</td>
<td>Kurt Roberts, MD</td>
</tr>
<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>
</tr>
<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:
- Hernias
- Acute Care

GUIDELINES:
- Guidelines for Laparoscopic Ventral Hernia Repair

NATIONAL PRIORITIES  🇺🇸
Wednesday, March 22, 2017

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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<tr>
<th>Time</th>
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<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>
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<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 Gorgun, Cigdem Benlice, Maher A Abbas; 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 F Fiore, Nicolò Pecorelli, Patrick Charlebois, Sender 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; 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 DeVecchio, BA, Sylvain Ferrandon, PhD, Matthew F Kalady, MD; Cleveland Clinic

*S043 TRANSANAL 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 SIMVASTATIN ENHANCES RADIATION SENSITIVITY OF COLORECTAL CANCER BY TARGETING COLORECTAL CANCER INITIATING CELLS*  
Emre Gorgun, Cigdem Benlice, Maher A Abbas; 1Department of Colorectal Surgery, Cleveland Clinic; 2Department of General Surgery, Cleveland Clinic

*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, MD; 1Kishiwada Tokushukai Hospital, 2Division of Surgery, Gastrointestinal Center, Yokohama Shin-Midori General Hospital, 3Department of Endoscopy and Endoscopic Surgery, Graduate School of Medicine, The University of Tokyo, 4Department of Gastroenterology, Japanese Red Cross Nagoya Daini Hospital, 5Department of Digestive and General Surgery, Uonuma Institute of Community Medicine, Niigata University Medical and Dental Hospital, 6Department of Surgery, Toho University Ohashi Medical Center, 7Department of Gastroenterology, Saiseikai Yokohamashi-Nanbu Hospital, 8Department of Gastroenterology, National Hospital Organization Kure Medical Center and Chugoku Cancer Center, 9Department of Gastroenterology, Kameda Medical Center, 10Department of Surgery, Toyonaka Midorigaoka Hospital, 11Department 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, MD; 1University of California, Irvine School of Medicine, 2University of California, Irvine Center for Statistical Counseling

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**Opening Session – Welcome Ceremony**  
(Non-CME Activity)  
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.
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<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:00AM - 5:00PM</td>
<td>Video Loop Lounge</td>
<td>Room 351C</td>
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<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>
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<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>
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<tr>
<td>12:30PM - 6:30PM</td>
<td>HO Course: Lap Colon ADOPT (Immersion Program with Mentorship)</td>
<td>MITIE</td>
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<tr>
<td>1:30PM - 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>
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<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>
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<tr>
<td>3:00PM - 3:30PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
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<tr>
<td>3:30PM - 5:30PM</td>
<td>Masters Series: Laparoscopy in Acute Care</td>
<td>Room 342</td>
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<tr>
<td>3:30PM - 5:30PM</td>
<td>SS14: SAGES Got Talent - Resident &amp; Fellow Scientific Session</td>
<td>Room 322</td>
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<tr>
<td>3:30PM - 5:30PM</td>
<td>Symposium: International Hernia Collaboration Symposium</td>
<td>Ballroom C</td>
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<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>
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>
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<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:
- Colorectal
- Bariatrics
- Acute Care
- 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>
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</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Techniques in laparoscopic and robotic gastric surgery</td>
<td>Young-Woo Kim, MD</td>
</tr>
<tr>
<td>7:45 AM</td>
<td>Data and evidence of laparoscopic and robotic gastric surgery</td>
<td>Miguel Burch, MD</td>
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<tr>
<td>8:00 AM</td>
<td>How do we manage in difficult and complicated cases?</td>
<td>Do-Joong Park, MD</td>
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<tr>
<td>8:15 AM</td>
<td>How do we make this procedure more common in the US?</td>
<td>Moshim Kukar, MBBS</td>
</tr>
<tr>
<td>8:30 AM</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.
Thursday, March 23, 2017

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
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<tbody>
<tr>
<td>7:30AM</td>
<td>Introduction, sleeve case presentations</td>
<td>Daniel Herron, MD Marina Kurian, MD</td>
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<tr>
<td></td>
<td><strong>Sleeve Conversion Options:</strong></td>
<td></td>
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<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>
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<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>
<td></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>
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<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:**
- B Bariatrics

**GUIDELINES:**
- Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques

**NATIONAL PRIORITIES**

7:30 AM - 9:00 AM *Included in Registration SuperPass (Option A) or Registration Option B

**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>
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</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:**
- FOR 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 INCIDENTAL HERNIA DEVELOPMENT FOLLOWING ABDOMINAL OPERATIONS ON HEALTHCARE COSTS Vamsi Alli, MD*, Jianying Zhang, MD, Jeijing Qin, MD, Dana Telem, MD, MPH; 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, Udaal S Sibia, MD, Evgenti Zakkharov, 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 TRANSVERSE ABDOMINIS RELEASE: A TRANSCONTINENTAL CASE SERIES Igor Belyansky, MD, Jorge Daes, MD, B Ramana, MD, Victor Radu, MD, Adam S Weltz, MD, Nan Wu, MD, Heidi Miller, MD, Adrian Park, MD, Hamid R Zahiri, DO, Yuri Novitsky, MD; 1Clinica Porto Azul, 2Belle Vue Clinic, 3Stiinte Medicale, 4Anne Arundel Medical Center

S052 TOTAL MANAGEMENT OF COMPLEX VENTRAL HERNIA 2: PRE-OPERATIVE BOTULINUM TOXIN A ENABLING LAPAROSCOPIC REPAIR OF COMPLEX VENTRAL HERNIAS Kristen E Eltsner, MBBS, MS, 1John W Read, FRANZCR; 2Peter H Cosman, FRACS, 3Anita Jacombs, MBBS, PhD, 4Omar Rodriguez-Acevedo, MBBS, 5Nabeel Ibrahim, FRACS, FACS; 1Hernia Institute Australia, Edgellciff, 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 Deboshri Sharma, Dr, Ranvir Singh, Dr, Romesh Lal, Dr; Lady Hardinge Medical College

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

S055 EVALUATING MECHANICAL INTEGRATION AT THE MESH-TISSUE INTERFACE IN VENTRAL HERNIA REPAIR Lindsey G Kahan, 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 HPB
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, Hidetoshi Eguchi, MD, PhD, Hirishi Wada, MD, PhD, Yoshifumi Iwagami, MD, PhD, Daikaku Yamada, MD, PhD, Tadafumi Asoaka, MD, PhD, Kunihito Gotoh, MD, PhD, Koji Umeshita, MD, PhD, Yuichiro Doki, MD, PhD, Masaki Mori, Mir, MD, PhD; 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 Jai Young Cho, Mohan Periyasamy, Soyeon Ahn, Ho-Seong Han, Yoo-Seok Yoon, YoungRok Choi, Jae Seong Jang, Seong Uk Kwon, Sungho Kim, Jang Kyu Choi, Hanishig Guro, 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, Seo Jeong Jand, Seong Wook Kwon, Sungho Kim, Jangkyu Choi; Seoul National University Bundang Hospital

V016 LAPAROSCOPIC LATERAL PANCREATICOJEJUNOSTOMY STAPLED AND SUTURED TECHNIQUES. Ajay H Bhandarwar, MS, Eham, L Arozi, 1Raj N Gajbhiye, MS, Saurabh S Gandhi, MS, Chintan B Patel, MS, Amol N Wagh, MS, Priyank D Kothari, MS; 1Grant government medical college & Sir J.J. 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 Martino, MD, Horacio Asbun, MD, FACS, John A Stauffer, MD, FACS, Mayo Clinic Florida

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

V019 LAPAROSCOPIC PANCREAS PRESERVING DUODENAL RESECTION WITH ROUX EN Y RECONSTRUCTION FOR DUODENAL GIST Palanisamy Senthilnathan, Anand Vijay, V P Nalaknilli, G Srivatsan, Sandeep Sabnis, Dilip Gode, R Parthasarathi, 2S 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, MD, Aziz Sadiq, DO, Gabriel Arevalo, MD, Baongoc Nasri, MD, Rocio C Fuentes, MD, Kathryn Harris, MD, Kirpal Singh, MD, Saint Vincent Hospital, 1Bronxlebanon Hospital
Thursday, March 23, 2017

9:00 AM - 9:45 AM

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

9:45 AM - 10:15 AM

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

10:00 AM - 4:00 PM

Exhibits / Posters / Learning Center / Video Sessions in Exhibit Hall
Thursday, March 23, 2017

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:15AM</td>
<td>2nd International Consensus Conference highlights</td>
<td>Go Wakabayashi, MD, PhD</td>
</tr>
<tr>
<td>10:30AM</td>
<td>Short term outcomes of MILR</td>
<td>Claudius Conrad, MD, PhD</td>
</tr>
<tr>
<td>10:45AM</td>
<td>Long term outcomes of MILR for cancer</td>
<td>David Geller, MD</td>
</tr>
<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>
</tr>
<tr>
<td>11:45AM</td>
<td>Discussion</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- HPB
- HPB/Biliary

NATIONAL PRIORITIES

Manage your schedule
Download the free app
Scan the QR code or enter the URL in your device browser to download.
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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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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</thead>
<tbody>
<tr>
<td>10:15AM</td>
<td>Using systems science to assess enhanced recovery</td>
<td>Bruce Ramshaw, MD</td>
</tr>
<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>
</tr>
<tr>
<td>11:00AM</td>
<td>Enhanced recovery in bariatric surgery</td>
<td>Matthew Hutter, MD, MPH</td>
</tr>
<tr>
<td>11:15AM</td>
<td>Enhanced recovery in hernia surgery</td>
<td>Andrew Wright, MD</td>
</tr>
<tr>
<td>11:30AM</td>
<td>Roundtable discussion/ Q&amp;A</td>
<td>All panelists</td>
</tr>
</tbody>
</table>

**LEARNING THEMES:**
- B Bariatrics
- HR Hernias
- FOR Foregut
- HPB HP/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.

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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
### 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>10:15AM</td>
<td>Introduction/Explanation</td>
<td>Natan Zundel, MD</td>
</tr>
<tr>
<td>10:20AM</td>
<td>Fact or Myth: Severe GERD and Barret's are better managed by Endoscopy</td>
<td>Jose Martinez, MD</td>
</tr>
<tr>
<td>10:30AM</td>
<td>Fact or Myth: Severe GERD and Barret's should be treated Surgically</td>
<td>Marco Patti, MD</td>
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<tr>
<td>10:40AM</td>
<td>Q &amp; A/Voting</td>
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<tr>
<td>10:45AM</td>
<td>Fact or Myth: Inguinal Hernias should all be performed laparoscopically</td>
<td>Jorge Daes, MD</td>
</tr>
<tr>
<td>10:55AM</td>
<td>Fact or Myth: Only bilateral and recurrent hernias need laparoscopy</td>
<td>Diego Camacho, MD</td>
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<tr>
<td>11:05AM</td>
<td>Q &amp; A/Voting</td>
<td></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>
</tr>
<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>
</tr>
<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
- 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)

### 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 trouble-shoot when necessary

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<tr>
<th>Time</th>
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<th>Invited Faculty</th>
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<tr>
<td>10:15AM</td>
<td>Band to Bypass Operation</td>
<td>Caitlin Halbert, DO</td>
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<tr>
<td>10:45AM</td>
<td>Contributing Faculty &amp; Expert Panelists:</td>
<td>Samer Mattar, MD</td>
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<td></td>
<td>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

10:15 AM - 11:15 AM 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, PhD; E Matthew Ritter, MD; Zamierowski Institute for Experiential Learning, University of Kansas Medical Center and Hospital, Kansas City, KS; Uniformed 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, MD; Aimee K Gardner, PhD; Ross E Willis, PhD; Victor Wilcox, MD; Brian J Dunkin, MD; Deborah C Hogg, BS; Lauren Scott, BS; Sara A Hennessy, MD; Daniel J Scott, MD; University of Texas Southwestern Medical School, University of Texas Health Science Center at San Antonio, Houston 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 Ujiki, Brian J Dunkin; University of Texas Southwestern Medical Center, Northshor University Health System, Houston Methodist Hospital

S063 FUNDAMENTALS OF LAPAROSCOPIC SURGERY* (FLS) CERTIFICATION EXAM: TRENDS OVER THE PAST 9 YEARS Elif Bilgic; Pepa Kaneva, Allan Okrainec, Eric M Ritter, Steven D Schwartzberg, Melina C Vassiliou; McGill University, University of Toronto, Uniformed Services University, University of Buffalo

S064 THE STEPPWISE TRAINING METHOD FOR THE BASIC LAPAROSCOPIC SKILLS USING THE TWO-WAY WEB CONFERENCE SYSTEM; A MULTICENTER PROSPECTIVE RANDOMIZED CONTROLLED STUDY Tomoko Mizota, MD; Yo Kurashima, PhD, Saseem Poudel, MD, Yusuke Watanabe, MD, PhD, Toshiaki Shichinohe, MD, PhD; Institute for Cancer Research, Department of Gastroenterological Surgery, Hiroko Higashiyama University Graduate School of Medicine

S065 AUTOMATIC OSATS RATING OF TRAINEE SKILL AT A PEDIATRIC LAPAROSCOPIC SUTURING TASK Yousi A Oquendo, BSE; Elijah W Riddle, MD, Dennis Hiller, BSN, RN; Thane A Blinkman, MD, Katherine J Kuchenbecker, PhD; University of Pennsylvania, Children's Hospital of Philadelphia

10:15 AM - 12:00 PM 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, MD; Martin I Montenegro, MD, Monica T Young, MD, Hope T Jackson, MD, Andrew S Wright, MD, Brant K Oelschlager, MD; University of Washington

V022 LAPAROENDOSCOPIC MANAGEMENT OF BOUVERET'S SYNDROME AND GALLSTONE ILEUS Shanley B Deal, MD; Jessica Koller Gorham, MD, Andrew S Ross, MD, Flavio G Rocha, MD, FACS; Virginia Mason Medical Center

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

V024 UNUSUAL PROBLEMS WITH INTRA-OSTOMY BALLOONS Tripurari Mishra, MD; Ibrahim Al-Saidi, MD; Peter Rantis, MD; Rami Lutfi; Advocate Illinois Masonic Hospital, Presence Saint Joseph Hospital, Mercy Hospital and Medical Center

V025 LAPAROSCOPIC APPROACH TO RUPTURED LIVER ABSCESS: EXPLORING A POTENTIAL NEW STANDARD OF SURGICAL CARE Ajay H Bhandarwar, MS, Saurabh S Gandhi, 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 Broucek, MD, 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 (HYPERHEATM INTRAPERITONEAL PERFUSION WITH CHEMOTHERAPY) FOR GASTRIC CANCER Brian Badgwell, 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 Allemand, MD, Gautam Sharma, MD, Andrew T Strong, 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, MD; Brandon T Grover, DO; Gundersen Medical Foundation, Gundersen Health System

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

(Non-CME Activity)
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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<tr>
<th>Time</th>
<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>
</tr>
<tr>
<td>11:35AM</td>
<td>Development &amp; Introduction of POEM</td>
<td>Haruhiro Inoue, MD</td>
</tr>
<tr>
<td>11:50AM</td>
<td>Lessons Learned from the Introduction of a new Endoscopic Procedure</td>
<td>Jeffrey Ponsky, MD</td>
</tr>
<tr>
<td>12:05PM</td>
<td>Panel Q&amp;A</td>
<td>Sharon Bachman, MD</td>
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</table>

LEARNING THEMES:
- FOR: Foregut
- HPB: HPB/Biliary
- FE: Flexible Endoscopy
- NS: 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, MD, Audriene May, MD, Monica Rosales Santillan, BS, Steven Kim, BS, Shini Shah, DO, Erik Wilson, Mike Liang, MD, Savannah Bailey, MD, Kimberly Kowal, MD, University of Nevada, Reno School of Medicine, and University of Nevada, Las Vegas

S067 A PROSPECTIVE, RANDOMIZED TRIAL TO ASSESS PROFICIENCY WITH DISTRACTION DURING LAPAROSCOPY USING 2D VERSUS IMMERSIVE-3D VISION
Steven D Kim, BS, Audriene May, MS, Heidi Ryan, MD, Adnan Mohsin, BS, Shawn Tsuda, MD, University of Nevada, Reno School of Medicine, University of Nevada, Las Vegas School of Medicine

S068 ROBOTIC GASTRIC BYPASS LEADS TO FEWER COMPLICATIONS COMPARED WITH LAPAROSCOPY
Savannah Bailey, MD, Timothy Kuwada, Keith Gersin, Connie Simms, Dimitrios Stefanidis, University of South Carolina, Carolinas Healthcare System, Indiana University

S069 ROBOTIC VERSUS LAPAROSCOPIC LATERAL PELVIC LYMPH NODE DISSECTION IN PATIENTS WITH RECTAL CANCER: A COMPARATIVE STUDY OF SHORT-TERM OUTCOMES
Hye Jin Kim, Gyu-Seog Choi, Jun Seok Park, Soo Yeun Park, Hee Jae Lee, Kyoungpook National University Medical Center, Daegu, Korea

S070 THE AMBULATORY SURGERY SHIFT TO ROBOTIC SURGERY: AT WHAT COST?
Ellen Vogels, DO, May David, DO, Darron McField, MD, Mark Jayanathan, MD, James Dove, Fluck Marcus, David Parker, MD, Anthony Petrick, MD, 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 Armiyo, MD, Spyridon Pagkratis, MD, Eugene Boilesen, MD, Tiffany N Tanner, MD, Dmitry Olevnikov, MD, FACS, University of Nebraska Medical Center, University of Nebraska College of Public Health
**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

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**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.

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**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

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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>
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<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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LEARNING THEMES:
AE Academic/Educational

NATIONAL PRIORITIES

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

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)

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

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)</td>
<td>Jamie Sanchez, MD</td>
</tr>
<tr>
<td>6:00PM-7:00PM</td>
<td>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>Peter Marcello, MD</td>
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<td>All Faculty</td>
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<tr>
<td>THU, 3/23</td>
<td>Hands on Lab Course:</td>
<td>Greta Bernier, MD; Tom Cecil, MD;</td>
</tr>
<tr>
<td>12:30PM – 6:30PM</td>
<td>Laparoscopic Right Colectomy</td>
<td>Mark Coleman, MD; MBChB;</td>
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<tr>
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<td></td>
<td>Todd Francone, MD; Michael Grieco, MD;</td>
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<td>Eric Haas, MD; Sang W. Lee, MD;</td>
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<td>Peter Marcello, MD; Lisa Moudgill, MD;</td>
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<td>Nabil Tariq, MD</td>
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<tr>
<td>6:25PM</td>
<td>Wrap-Up</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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<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>
</tr>
<tr>
<td>2:15PM</td>
<td>Involving patients: Are apps the answer?</td>
<td>John Monson, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>How to do audit and feedback</td>
<td>Julie Thacker, MD</td>
</tr>
</tbody>
</table>
| 2:45PM | 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                       |                       |

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

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

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

LEARNING THEMES:
HPB HPB/Biliary

GUIDELINES:
• Guidelines for the Use of Laparoscopic Ultrasound

NATIONAL PRIORITIES

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

LEARNING THEMES:
- Bariatrics
- New technologies/Skill acquisition

GUIDELINES:
- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery

NATIONAL PRIORITIES
Thursday, March 23, 2017

1:30 PM - 3:00 PM

*SAGES 2017 Surgical Spring Week

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

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

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>Introductions</td>
<td>Manabu Yamamoto, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dimitrios Stefanidis, MD, PhD</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>
</tr>
<tr>
<td>2:52PM</td>
<td>Q&amp;A</td>
<td>Manabu Yamamoto, MD, PhD, Dimitrios Stefanidis, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES:

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

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>
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<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>
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<tr>
<td>1:50PM</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>
</tr>
<tr>
<td>2:40PM</td>
<td>Concluding Remarks</td>
<td>Edward Felix, MD</td>
</tr>
</tbody>
</table>

**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

**GUIDELINES:**

**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. med1, Hf Fuchs, MD1, S Brinkmann1, CJ Bruns1, Ah Hölscher1, JM Leers1, W Schröder1, Sh Chon1, University Hospital Cologne, Markus Hospital Frankfurt

**S073 OUTCOME OF ENDOscopic DILATATION IN ACID-INDUCED CORROSIVE ESOPHAGEAL STRICTURES**
Chadin Tharavej, Patpong Navicharoen, Supapat Pungpapong, Krit Kittisin, Suhep Udomsawangsup, 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 HELLERMYOTOMY (LHM), DOES GASTRIC EXTENSION LENGTH MATTER?**
Mauricio Ramirez, MD, Cecilia Zubierta, MD, Franco Ciola, MD, Adolfo Badaloni, MD, Fabio Nachman, MD, Alejandro Nieponice, MD; Hospital Universitario Fundacion 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, MD1, Salvatore Docimo, DO2, Eric M Pauli, MD1; 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, MD1, L Swanson, MD1, D Mutter, MD1, J Marescaux, MD1, S Perretta, MD1; Institute of Image Guided Surgery, Strasbourg, France

**S077 PER ORAL ENDOscopic PYLOROMYOTOMY (POP) FOR REFRACtory GASTROPARESIS: INITIAL RESULTS FROM A SINGLE INSTITUTION**
Ivy N Haskins, MD1, Andrew T Strong, MD1, Ryan L Plescia, PAC1, Michael S Cline, DO1, Jeffrey L Ponsky, MD, FACS1, Matthew D Kroh, MD, FACS1, John H Rodriguez, MD, FACS1; 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

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

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 Petrofsky, 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 TRANSDIAPHRAGMATIC PLACEMENT FOR CHRONIC POST LUNG RESECTION SPACE INFECTION: WITH A LITTLE HELP FROM MY FRIENDS
Ashwin A Kurian, MD; Sanjay Tripathi, MD; SurgOne -Denver Esophageal and Stomach Center, Colorado Cardiopulmonary Surgical Associates

V048 TREATMENT OF GERD AFTER SLEEVE GASTRECTOMY WITH HIASTAL 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 Parthasarathi, S Rajapandian, GPalanivelu; 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 ARCUATE 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 FUNDOPLICATION
Sharon B Ross, MD, FACS; Darrell J Downs, BS, Ty A Bowman, BS, Alexander S Rosemurgy, MD, FACS; Florida Hospital Tampa

3:00 PM - 3:30 PM
Refreshment Break/ Happy 1/2 Hour in Exhibit Hall

*Included in Registration SuperPass (Option A) or Registration Option B
Thursday, March 23, 2017

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

**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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<tr>
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<td></td>
<td>Carla Pugh, MD, PhD</td>
</tr>
<tr>
<td>3:33PM</td>
<td>Complicated Perforated Peptic Ulcer</td>
<td>Andre Campbell, MD</td>
</tr>
<tr>
<td>3:53PM</td>
<td>Q&amp;A / Discussion</td>
<td></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>
<td></td>
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<tr>
<td>4:30PM</td>
<td>Mirizzi’s Syndrome (Cholecystocholedochal Fistula)</td>
<td>Mark Watson, MD</td>
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<tr>
<td>4:50PM</td>
<td>Q&amp;A / Discussion</td>
<td></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>
<td></td>
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**LEARNING THEMES:**

- HR: Hernias
- FO: 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.

@SAGES_Updates  www.facebook.com/SAGESsurgery
SS084 URETERAL STENTS INCREASE ACUTE KIDNEY INJURY IN COLORECTAL SURGERY

SS083 ACADEMIC STATUS DOES NOT AFFECT OUTCOME FOLLOWING COMPLEX HEPATO-PANCREATO-BILIARY PROCEDURES

SS082 BODY MASS INDEX AS A PREDICTOR OF SURGICAL SITE INFECTION AFTER LAPAROSCOPIC APPENDECTOMY: REVIEWING NINE YEARS OF NSQIP DATA

SS081 NATIONWIDE OUTCOMES AND COSTS OF LAPAROSCOPIC AND ROBOTIC VERSUS OPEN HEPATECTOMIES

SS080 HIATAL HERNIA RECURRENCE RATE AND DURABILITY AFTER MAGNETIC SPHINCTER AUGMENTATION IN PATIENTS WITH LARGE HIATAL HERNIAS AND GASTROESOPHAGEAL REFLUX DISEASE

SS079 SAFETY IN THE OPERATING “THEATER”: TELEMENTORING IN FRONT OF A LIVE AUDIENCE

SS078 SAFETY AND EFFICACY OF BARIATRIC SURGERY IN OLDER PATIENTS

SS076 COST ANALYSIS OF LAPAROSCOPIC HELLER MYOTOMY TO PERORAL ENDOSCOPIC MYOTOMY (POEM)

SS075 APPLICATION OF A SIMPLE, AFFORDABLE QUALITY METRIC TOOL TO COLORECTAL, UPPER GASTROINTESTINAL AND HEPATOBILIARY SURGERY PATIENTS: THE HARM SCORE

SS074 URETERAL STENTS INCREASE ACUTE KIDNEY INJURY IN COLORECTAL SURGERY

SS073 ACADEMIC STATUS DOES NOT AFFECT OUTCOME FOLLOWING COMPLEX HEPATO-PANCREATO-BILIARY PROCEDURES

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

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30pm</td>
<td>Introduction</td>
<td>Philip Pucher, MD, PhD</td>
</tr>
<tr>
<td>3:35pm</td>
<td>Resident/ Fellow Abstracts Presentations</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(10 Presenters – 7-8 minute presentations with 2 minute Q&amp;A)</td>
<td></td>
</tr>
<tr>
<td>5:15pm</td>
<td>Awards &amp; Adjournment</td>
<td></td>
</tr>
</tbody>
</table>

**Expert Panelists:**

- Daniel Deziel, MD
- Gerald Fried, MD
- Leena Khaitan, MD
- W. Scott Melvin, MD
- David Urbach, MD

- Amir Ghaferi, 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
- Emili Petrusa, PhD
- Ramakrishna P Parchuri
- Ozan R Meireles, MD, FACS
- Department of Perioperative Clinical Engineering, Massachusetts General Hospital

- Kais A Rona, MD
- Alex Yu, BS
- Caitlin Houghton, MD, FACS
- Nikolai Bildzukewicz, MD, FACS
- John C Lhipham, MD, FACS
- Keck School of Medicine of USC

- Matthew G Mullen, MD, J. Hunter Mehaffey, MD
- Alex D Michaela, MD
- Shoshana Levi, MD
- Traci L Hedrick, MD
- Charles M Friel, MD
- University of Virginia Health System

- Maria Altieri
- Jie Yang, MD
- Donglei Yin, MD
- Patrick Jasinsky, MD
- Kristen Cagino, MD
- Mark Talamini, MD
- Aurora Pryor, MD
- Stony Brook Medical Center

- Matthew G Mullen, MD
- J. Hunter Mehaffey, MD
- Alex D Michaela, 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
- Scott R Steele, MD
- Knut M Augustad, 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

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, Wisconsin Surgical Outcomes Research Program (WisSOR), University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin

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, University of Massachusetts Medical School

GUIDELINES:
- Guidelines for Laparoscopic Ventrail Hernia Repair

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30PM</td>
<td>State of the Union on MIS Hernia Repair</td>
<td>Edward Felix, MD</td>
</tr>
<tr>
<td>3:40PM</td>
<td>Open Lichtenstein – How and when I do it</td>
<td>David Chen, MD</td>
</tr>
<tr>
<td>3:50PM</td>
<td>eTEP – Why I do it and how</td>
<td>Jorge Daes, MD</td>
</tr>
<tr>
<td>4:00PM</td>
<td>rtAPP – Why I do it and how</td>
<td>Allegra Saving, MD</td>
</tr>
<tr>
<td>4:10PM</td>
<td>From Rives Stoppa to TAR, the Evolution of Retromuscular Repair</td>
<td>Yuri Novitsky, MD</td>
</tr>
<tr>
<td>4:20PM</td>
<td>Robotic Retromuscular Repair, How I do it</td>
<td>Conrad Ballecer, MD</td>
</tr>
<tr>
<td>4:30PM</td>
<td>No Robot, No Problem! From Laparoscopy to eTEP access Retromuscular Repair</td>
<td>Igor Belyansky, MD</td>
</tr>
<tr>
<td>4:40PM</td>
<td>Robotic Debate:</td>
<td>Jon Gould, MD</td>
</tr>
<tr>
<td>4:50PM</td>
<td>“Train Stops Here”</td>
<td>Eugene Dickens, MD</td>
</tr>
<tr>
<td>5:00PM</td>
<td>Robotic hernia repair outside the US? The European Experience</td>
<td>Filip Muysoms, MD</td>
</tr>
<tr>
<td>5:10PM</td>
<td>If it doesn’t fit, botox it</td>
<td>Talar Tejirian, MD</td>
</tr>
<tr>
<td>5:20PM</td>
<td>Panel</td>
<td>Panel</td>
</tr>
</tbody>
</table>

LEARNING THEMES:
- HR Hernias
- R Robotics
- NS New technologies/Skill acquisition

GUIDELINES:
- A Consensus Document on Robotic Surgery
- Guidelines for Laparoscopic Ventrail Hernia Repair

NATIONAL PRIORITIES
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

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

### LEARNING THEMES:

- HPB/Biliary
- 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
Thursday, March 23, 2017

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

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

LEARNING THEMES:
• Foregut

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

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 Bioresorbable 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. Schwitzberg, 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**
- Symposium 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.*
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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.
Friday, March 24, 2017

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</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 - 3:00PM</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 310</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>
</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>
Friday, March 24, 2017

7:30AM - 8:30AM

Medical Student Townhall

SAGES does not offer CME for this session

(Non-CME Activity)

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

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

SS15 Plenary 1

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 ENDOVACULAR 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; Maria Arroyave2; Maria Fernandez-Hevia, MD2; Raul Almenara, MD, PhD2; Antonio Lacy, MD, Professor2; Jeroen Bosch Ziekenhuis, Hospital 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 Chair of Education, Assistant Dean for 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

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 - 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

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 Senthilnathan, R Parthasarathi, S Rajapandian, P Praveen Raj, Anand Vijayl, V P Nanalkiili, G Srivatsan, Sandeep Sabnis, C Palaniyelv; 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, Iksander 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; Esophagaeal & 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 Szomstein, 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

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

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Friday, March 24, 2017

10:30 AM - 12:00 PM

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

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<tr>
<td>10:30AM</td>
<td>Introduction</td>
<td>Peter Marcello, MD</td>
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<tr>
<td>10:35AM</td>
<td>Lap Hartmann Reversal: Access and Assessment: My way</td>
<td>John Migaly, MD</td>
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<tr>
<td>10:50AM</td>
<td>The colon won’t reach: What now?</td>
<td>Dana Hayden, MD</td>
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<tr>
<td>11:05AM</td>
<td>Lap Hartmann reversal: Anastomotic tips</td>
<td>David Maron, MD</td>
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<tr>
<td>11:20AM</td>
<td>Morbid obesity and complex diverticulitis: The double whammy! Tricks to succeed</td>
<td>Todd Francone, MD</td>
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<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

Manage your schedule
Download the free app
Scan the QR code or enter the URL in your device browser to download.
Friday, March 24, 2017

10:30 AM - 12:00 PM

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

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

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<tr>
<td>10:30AM</td>
<td>Introduction</td>
<td>Gina Adrales, MD, MPH</td>
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<tr>
<td>10:35AM</td>
<td>Is Parastomal hernia repair a palliative operation? Therapeutic and prophylactic approaches to the parastomal hernia</td>
<td>Adrian Park, MD</td>
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<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 applied?</td>
<td>Yuri Novitsky, MD</td>
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<td>11:10AM</td>
<td>Q&amp;A</td>
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<tr>
<td>11:15AM</td>
<td>Robotic hernia repair: Is it worth it to my patients and to me to adopt robotic repair?</td>
<td>Ajita Prabhu, MD</td>
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<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>
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LEARNING THEMES:
- HR Hernias
- RRobotics
- NS 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
Friday, March 24, 2017

10:30 AM - 12:00 PM  SS17 Endoscopy Video Session  *Included in Registration SuperPass (Option A) or Registration Option C
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, FACS, C M Dunst, MD, FACS, S R DeMeester, MD, FACS, L L Swanstrom, MD, FACS, FASGE, FRCSEng; Gastrointestinal and Minimally Invasive Surgery Division, The Oregon Clinic

V069 ENDOSCOPIC PYLOROMYOTOMY FOR GASTRIC OUTLET OBSTRUCTION SECONDARY TO VAGAL NERVE INJURY  Christopher DuCoin, MD, MPH; Peter Lundberg, MD, Sanjay Sikka, MD, Robert Bulat, MD, James Korodnoff, MD, FACS; Tulane University

V070 ENDOSCOPIC SUBMUCOSAL RESECTION OF A GASTRIC GASTROINTESTINAL STROMAL TUMOR  Eleanor Fung, MD, Jeffrey W Hazey, MD, Sherif Abdel-Mishri, Kyle A Perry; 4Trillium Health Partners, 3The Ohio State University Wexner Medical Center

V071 ENDOSCOPIC SUB-MUCOSAL DISSECTION FOR DIFFICULT SIGMOID LESION: AN ENDOSCOPIC TRACTION TECHNIQUE (VIDEO)  Ahmed Sharata, MD, Christy Dunst, MD, Marc Ward, MD, Ezra Teitelbaum, MD, Kevin Reavis, MD, Steven DeMeester, MD, Lee Swanstrom, MD; Oregon Clinic/GMIS, Portland Providence Cancer Center

V072 ENDOSCOPIC REMOVAL OF EXTRA-LUMINAL ERODED RESTRICTIVE SILASTIC CATHETER WITH SUBSEQUENT FISTULA CLOSURE  Samantha R Witte, MD, Cheyenne Sonntag, MD, Eric M Pauli, MD, James G Bittner, MD; Hershey Medical Center, 4Virginia Commonwealth University

V073 ENDOSCOPIC ANASTOMOSIS RESIZING AFTER RYGB: CAN/SHOULD WE DO IT AGAIN?  P Riva, MD, M Galvalo Neto, MD, L Swanstrom, MD, FACS, FRCS, D Mutter, MD, PhD, FACS, J Marescaux, MD, FACS, Hon, FRCS, Hon, FJES, Hon, APSA, S Perretta, MD, PhD; 1Institute of Image Guided Surgery, Strasbourg, France, 2Gastro Obeso Center, Sao Paulo, Brazil, 3Department of Digestive and Endocrine Surgery, University of Strasbourg, France, 4IRCAD, Institut de Recherche contre les Cancers de l’Appareil Digestif, Strasbourg (France)

V074 A FLEXIBLE ENDOSCOPIC REVISION FOR ANASTOMOSTIC STENOSIS COMPLICATING ESOPHAGOSCOPY (VIDEO)  Ahmed Sharata, MD, Christy Dunst, MD, Ezra Teitelbaum, MD, Marc Ward, MD, Kevin Reavis, MD, Steven DeMeester, MD, Lee Swanstrom, MD; Oregon Clinic/GMIS, Portland Providence Cancer Center

V075 DOUBLE BALLOON UNDERWATER ESD  Hisashi Hara, MD, Sam Sharma, MD, Jeffrey Milsom, MD, FACS; Weill Cornell Medical College

V076 ENDOSCOPIC TECHNIQUES IN THE MANAGEMENT OF ESOPHAGO-JEJUNAL DEHISCENCE AFTER TOTAL GASTRECTOMY  Komdee Thanavachirasin, Eric Marcotte, Assistant, Professor, Pornthep Prathanvanichn, MD, Bipan Chan, Associate, Professor; Loyola Hospital Medical Center

10:30 AM - 12:00 PM  SS18 Foregut 2  *Included in Registration SuperPass (Option A) or Registration Option C
Moderator: Gerald M. Fried, MD  |  Co-Moderator: Enrique Fernando Elli, MD

S093 LAPAROSCOPIC GASTRECTOMY AND D2 LYMPHADENECTOMY FOR GASTRIC CANCER: A SINGLE CENTER EXPERIENCE  Vo D Long, MS, Nguyen H Bac, Prof, Nguyen V Tuan Anh, Nguyen V Hai, Ho L Minh Quoc, Tong P Quang Trung; University Medical Center

S094 THE VALUE OF TIMED BARIUM ESOPHAGRAM IN ACHALASIA AFTER MYOTOMY  Stefan S Bachala, MD, Prashanthi Thota, MD, Jeevanath Rajeswaran, PhD, Usman Ahmad, MD, Daniel Raymond, MD, A Zanoni, MD, Sudish Murthy, MD, PhD, Thomas Rice, MD, Mark Baker, MD, Scott Gabbard, MD, Eugene Blackstone, MD, Siva Raja, MD, PhD; Cleveland Clinic Department of Thoracic and Cardiovascular Surgery, 2Cleveland Clinic Department of Gastroenterology and Hepatology, 3Cleveland Clinic Department of Quantitative Health Sciences, 4University of Verona, Italy, 5Cleveland Clinic Department of Diagnostic Radiology

S095 IMPEDANCE-PH MONITORING ON MEDICATIONS DOES NOT RELIABLY CONFIRM THE PRESENCE OF GASTROESOPHAGEAL REFLUX DISEASE IN PATIENTS REFERRED FOR ANTIREFLUX SURGERY  Marc A Ward, MD, Christy M Dunst, MD, Ezra N Teitelbaum, MD, Valerie J Halpin, MD, Kevin M Reavis, MD, Lee L Swanstrom, MD, Steven R DeMeester, MD; The Oregon Clinic

S096 HELLER MYOTOMY VERSUS HELLER MYOTOMY WITH DOR FUNDOPLICATION FOR ACHALASIA: LONG-TERM SYMPTOMATIC FOLLOW UP OF A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL  Kristy Kummerow Broman, MD, MPH, Sharon E Phillips, MSPH, Adil Faqih, BE, Joan Kaiser, RN, Richard A Pierce, MD, PhD, Benjamin K Poulouse, MD, MPH, William O Richards, MD, Kenneth W Sharp, MD, Michael D Holzman, MD, MPH; Vanderbilt University Medical Center, 2University of South Alabama

S077 HOW WE DO IT: THE NISSEN-HILL HYBRID FOR LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR  Jeffrey R Watkins, MD, Ralph W Aye, MD, Alexander S Farivar, MD, Brian E Louie, MD; Swedish Medical Center

S097 PATTERNS OF REOPERATION AFTER FAILED FUNDOPLICATION: AN ANALYSIS OF 9,462 PATIENTS  Nabeel R Obeid, MD, Maria Altiere, MD, Jie Yang, PhD, Jihey Park, MS; Kristie Price, BS, Andrew Bates, MD, Aurora D Pryor, MD; Stony Brook Medicine, Department of Surgery, Stony Brook University, Department of Applied Mathematics and Statistics, Stony Brook University, School of Medicine

S098 SAME DAY DISCHARGE FOR BENIGN LAPAROSCOPIC HIATAL SURGERY: A FEASIBILITY ANALYSIS  Juan Carlos Molina, MD, Ana-Maria Misariu, Ioana Nicolau, Jonathan Spicer, MD, PhD, Carmen Mueller, Lorenzo Ferri, MD, PhD; McGill University Health Centre

S099 COMPARISON OF LONG TERM QUALITY OF LIFE AND PATIENT SATISFACTION BETWEEN NISSEN AND TOUPEF FUNDOPLICATION  Amber L Shada, MD, Andrea M Stroud, MD, MS, Alexa K Statz, BS, Luke M Funk, MD, MPH, Sally Jolles, MA, Xing Wang, PhD, Daren C Jackson, PhD, Jacob A Greenberg, MD, EdM, Anne O Lidor, MD, MPH; University of Wisconsin
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

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<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>
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<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>
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LEARNING THEMES:
AE  Academic/Educational
NS  New technologies/Skill acquisition

GUIDELINES:
- Curriculum Outline for Resident Education
- Educational Mission Statement

NATIONAL PRIORITIES

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

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 HEMICECTOMY WITH CME: THE CAUDAL-TO-CRANIAL APPROACH Hongming Li, MD, Liaonan Zou; Department of GI, Guangdong Provincial Hospital of Traditional Chinese Medicine

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

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

V084 ROBOTIC PARAESOPHAGEAL HERNIA REPAIR AND EXCISION OF ESOPHAGEAL DUPLICATION CYST Jared M Mcallister, MD,1 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 LAPAROSCOPIC RADICAL SUBTOTAL PANCREATECTOMY WITH RESECTION OF THE GASTRODUODENAL ARTERY FOR PANCREATIC ADENOCARCINOMA OF THE NECK OF THE PANCREAS
Yoo-Seok Yoon, MD, PhD, Ho-Seong Han, MD, PhD, Jae Young Cho, MD, PhD, YoungRok 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 & Sir 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

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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>Introduction</td>
<td>Justin Dimick, MD, MPH</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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<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</td>
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<tr>
<td>3:10PM</td>
<td>What Makes Coaching Different than Teaching</td>
<td>Justin Dimick, MD, MPH</td>
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<tr>
<td>3:30PM</td>
<td>Why do We Need Coaching?</td>
<td>Dimitrios Stefanidis, MD, PhD</td>
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<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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<tr>
<td>5:00PM</td>
<td>Closing thoughts and Wrap up</td>
<td>Neal Seymour, MD, Justin Dimick, MD, MPH</td>
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LEARNING THEMES:
P E: Professional/Economic
A E: Academic/Educational
N S: 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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<th>Time</th>
<th>Presentation Title</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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<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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<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**
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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<th>Time</th>
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<th>Invited Faculty</th>
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<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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<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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<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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<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:
- 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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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Introduction and Some Context</td>
<td>Adrian Park, MD, 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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<td>2:10PM</td>
<td>Your all important checklist</td>
<td>Ramon Berguer, MD</td>
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<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:
- [ ] Professional/Economic

GUIDELINES:
- [ ] Implementation Manual for the World Health Organization
- [ ] Surgical Safety Checklist (First Edition)
Friday, March 24, 2017

**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 ileocollectomy 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

**ACTIVITY OUTLINE**

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<th>Time</th>
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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>Lap Dissection: Medial to Lateral vs. Lateral to Medial</td>
<td>Dorin Colibaseanu, MD</td>
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<td>1:31PM</td>
<td>Crohn’s Disease- Lateral to Medial</td>
<td>Alessio Pigazzi, MD</td>
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<td>1:37PM</td>
<td>Crohn’s Disease- Medial to Lateral</td>
<td>Barry Salky, MD</td>
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<td>1:43PM</td>
<td>Right Colon Cancer- Lateral to Medial</td>
<td>Marylise Boutros, MD</td>
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<td>1:49PM</td>
<td>Right Colon Cancer- Medial to Lateral</td>
<td>Morris Franklin, Jr., MD</td>
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<td>1:55PM</td>
<td>Single Incision Dissection</td>
<td>Giovanni Dapri, MD, PhD</td>
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<td>2:01PM</td>
<td>Complete Mesocolic Dissection</td>
<td>Gyu-Seog Choi, MD</td>
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<td>2:07PM</td>
<td>Reoperative/ Complex Dissection</td>
<td>Barry Salky, MD</td>
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<td>2:13PM</td>
<td>Reoperative/ Complex Dissection</td>
<td>Alessio Pigazzi, MD PhD</td>
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<td>Lap Bowel Transection and Anastomosis: Intracorporeal vs. Extracorporeal</td>
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<tr>
<td>2:19PM</td>
<td>Extracorporeal Technique- Non obese</td>
<td>Marylise Boutros, MD</td>
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<td>2:25PM</td>
<td>Extracorporeal Technique- Obese</td>
<td>Alessio Pigazzi, MD</td>
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<td>2:31PM</td>
<td>ICA Technique- Non obese</td>
<td>Barry Salky, MD</td>
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<tr>
<td>2:37PM</td>
<td>ICA Technique- Obese</td>
<td>Morris Franklin, Jr., MD</td>
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<td>2:44PM</td>
<td>ICA- Robotic Technique</td>
<td>Gyu-Seog Choi, MD</td>
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<td>2:50PM</td>
<td>ICA- Single Incision Technique</td>
<td>Giovanni Dapri, MD, PhD</td>
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<td>2:56PM</td>
<td>Wrap-Up</td>
<td>Patricia Sylla, MD</td>
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<td>Dorin Colibaseanu, MD</td>
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**LEARNING THEMES:**
- Colorectal (C)
- Robotics (R)
- New technologies/Skill acquisition (NS)

**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 Updates  www.facebook.com/SAGESSurgery
**Friday, March 24, 2017**

### SS20 Bariatric Video Session

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

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<th>Session Title</th>
<th>Presenters</th>
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<tr>
<td>1:30 PM - 3:30 PM</td>
<td><strong>V091 LAPAROSCOPIC SINGLE ANATOMOMIES REVERSAL OF GASTRIC BYPASS</strong></td>
<td>Rajmohan Rammohan, MD, Nisha Dhanabalsamy, MD, Abhiman Cheeyandira, MD, Emanuelle LoMenzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS, Cleveland Clinic Florida</td>
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<td><strong>V092 ROBOTIC ASSISTED SINGLE ANATOMOMIES DUODENAL SWITCH</strong></td>
<td>Courtney Cripps, MD, James Taggart, MD, Julio Teixeira, MD, FACS; Northwell Health-Lenox Hill Hospital</td>
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<td><strong>V093 VERTICAL BANDED GASTROPLASTY REVISION: LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS VERSUS ENDOSCOPIC ASSISTED STAPLED GASTROPLASTY</strong></td>
<td>Wayne S Lee, MD, Daniel Shoufler, MD, Miguel Burch, MD, FACS; Cedars Sinai Medical Center</td>
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<td><strong>V094 GASTROPLAREAL FISTULA AS A LATE COMPLICATION OF A LEAK FOLLOWING SLEEVE GASTRECTOMY</strong></td>
<td>James Taggart, MD, Rebecca Kowalski, MD, Jonathan Wong, MD, Julio Teixeira, MD; Lenox Hill Hospital</td>
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<td><strong>V095 SUCCESSFUL LAPAROSCOPIC MANAGEMENT OF CHYLOUS ASCITES AFTER BARIATRIC SURGERY</strong></td>
<td>Alexandra Arigoff, MD, Chaya Schwarz, 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</td>
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<td><strong>V096 USING ALL OF THE TOOLS IN OUR MINIMALLY INVASIVE BOXFRAME TOOLBOX FOR RESECTIONAL BARIATRIC SURGERY</strong></td>
<td>Amelia N Dorsey, MD, Gautam Sharma, MD, John Rodriguez, MD, Matthew Kroh, MD, FACS; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic</td>
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<td><strong>V097 TOTAL ENDOSCOPIC GASTRO-GASTRIC ANASTOMOST LEAKS FOLLOWING RESECTIONAL BARIATRIC SURGERY</strong></td>
<td>Cheyenne C Sonntag, MD, Salvatore Docimo, DO, Ann M Rodgers, MD, ERIC M Pauli, MD; Penn State Milton S. Hershey Medical Center</td>
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<td><strong>V098 LAPAROSCOPIC PARTIAL GASTRECTOMY AND ROUX-EN-Y RECONSTRUCTION FOR SEVERE GASTROAPESIS AFTER 10 PREVIOUS GASTRIC SURGERIES</strong></td>
<td>Baramaro Ganoo, MD, Rajmohan Rammohan, MD, Chukwuma Apakama, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida</td>
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<td><strong>V099 BITING OFF MORE THAN YOU CAN CHEW: STRICTE FOLLOWING COMPLICATED BAND TO SLEEVE CONVERSION</strong></td>
<td>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, UC San Diego</td>
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### SS21 Acute Care Surgery

**Moderator:** Andre Campbell, MD | **Co-Moderator:** E. Matthew Ritter, MD

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<th>Time</th>
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<th>Presenters</th>
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<tr>
<td>1:30 PM - 3:30 PM</td>
<td><strong>V100 LAPAROSCOPIC PRIMARY REPAIR OF COLONOGASTRO Sigmoid Colon Perforation</strong></td>
<td>J. Coursey, MD, A. Gonzalez-Almada, MD, C. Lyons, MD, J-p Lefave, MD, EM Haas, MD, FACS, FASCs; Houston Methodist Hospital</td>
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<td><strong>S100 RISKY BUSINESS? INVESTIGATING OUTCOMES OF ANTICOAGULATED PATIENTS UNDERGOING LAPAROSCOPIC APPENDECTOMY</strong></td>
<td>Christopher Peary, MD, Theresa Jackson, MD, Justin Regner, MD, Dennis Kim, MD, Lara Spence, MD, Khalid Almahmoud, MD, MPH, Vaidhei Agrawal, PhD, Michael Truitt, MD; Methodist Dallas Medical Center, University of Oklahoma - Tulsa, Baylor Scott and White, TCU-UCLA</td>
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<td><strong>V101 LOOP ILEOSTOMY AND COLONOVAGAL LAVAGE FOR FULMINANT CLOSTRIDIUM DIFFICILE COLITIS: AN INSTRUCTIONAL VIDEO</strong></td>
<td>Maria Abou Khalil, MD, Lawrence Lee, MD, Talat Chughtai, MD, Nancy Morin, MD, Julio Faria, MD, Carol-Anne Vasilievsky, MD, Phillip Gordon, MD, Gabriela Ghitulescu, MD, Liane Feldman, MD, Marylise Boutros, MD; Sir Mortimer B. Davis Jewish General Hospital</td>
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<td><strong>S101 DETERMINANTS OF VARIABILITY IN MANAGEMENT OF ACUTE CALCULOUS CHOLECYSTITIS</strong></td>
<td>Philippe Paci, MD, Pepa Kanave, MSc, Julio F. Flore Jr, PhD, Gerald M. Fried, MD, FRCS, FACS, Nancy E. Mayo, PhD, Liane S. Feldman, MD, FRCSC, FACS; Division of General Surgery, McGill University Hospital, Montreal, Canada, University of California, Irvine School of Medicine, Montreal, Canada, Applied Clinical Epidemiology, McGill University Health Centre, Montreal, Canada, Division of Clinical Epidemiology, McGill University Health Centre, Montreal, Canada</td>
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<td><strong>V102 LAPAROSCOPIC APPROACH FOR PERFORATED GAS TRACTUCUL</strong></td>
<td>Manuel Aceves, MD, Raul Perez, MD, Arturo Martinez, MD; Methodist Dallas Medical Center, University of Oklahoma - Tulsa, UC San Diego</td>
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<td><strong>S102 LAPAROSCOPIC VERSUS OPEN EMERGENT VENTRAL HERNIA REPAIR: OUTCOMES ANALYSIS USING THE ACS-NSQIP DATABASE</strong></td>
<td>David Pechman, MD, MBA, Carmen Fong, MD, Paul Thodiyil, MD; Mount Sinai Beth Israel</td>
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<td><strong>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 School of Medicine</strong></td>
<td>David Pechman, MD, MBA, Carmen Fong, MD, Paul Thodiyil, MD; Mount Sinai Beth Israel</td>
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<td><strong>S103 LAPAROSCOPIC PERITONEAL LAVAGE VS SIGMOIDECTOMY FOR MANAGEMENT OF PERFORATED DIVERTICULITIS: META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS</strong></td>
<td>Ahmad Mirza, MD, Danaradja Arumugam, Arslan Pannu, Shahab Hajibabandeh, Shahin Hajibabandeh; The Central Manchester University Hospitals, The Royal Blackburn Hospital, Blackburn, UK, The Royal Oldham Hospital, Manchester, UK</td>
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<td><strong>V104 LAPAROSCOPIC REPAIR OF A STRANGULATED FEMORAL HERNIA</strong></td>
<td>Sarath Sujatha-Bhaskar, MD, Andrew S Wang, MD, Mark Hanna, MD, Alessio Pigazzi, PhD, FACS, FASMBS, Cleveland Clinic Florida</td>
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<td><strong>S105 ROUTINE VS. SELECTIVE UPPER GASTROINTESTINAL CONTRAST SERIES AFTER OMENTAL PATCH REPAIR FOR GASTRIC OR DUODENAL PERFORATION</strong></td>
<td>S L Paris, MD, A J Fontaine, BS, J E Glenier, BS, S A Kubovec, MS, P Veldhuis, BS, Y Du, MS, J Pepe, PhD, W S Eubanks, MD; University of Central Florida College of Medicine, Orlando, FL</td>
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<td><strong>V106 CLOSED LOOP BOWEL OBSTRUCTION: LAPAROSCOPIC RESECTION WITH FULLY STAPLED INTRA-CORPOREAL ANASTOMOSIS</strong></td>
<td>Michael E Dolberg, MD, Jeffrey P Snow, MD; Memorial Healthcare System</td>
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<tr>
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<td><strong>S107 TREATMENT STRATEGY FOR UPPER GASTROINTESTINAL PERFORATIONS USED AT OUR DEPARTMENT</strong></td>
<td>Hirota Sasa, PhD, Fuminori Wakayama, Kohji Nagao, Tadashi Iwabuchi, Nobuo Yagihashi, Shunnichi Takaya, Junzo Nagayama; Tsuchigai General Hospital, Tokiwakai Hospital</td>
</tr>
</tbody>
</table>
Friday, March 24, 2017

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 Carmona, MD; Montefiore Medical Center

**V107 LAPAROSCOPIC TOTAL PROCTOCOLECTOMY WITH ILEAL POUCH-ANA L ANASTOMOSIS** C. Palanivelu, MS, FACS, FRCS, Ed, DSc, S. Rajagandian, MS, FRCS, FAMS, R. Parthasarathi, MS, FAMS, P. Senthilnathan, MS, FAMS, DNB, P. Praveen Raj, MS, FAMS, Senthil Ganapathy, MS, FAMS, R. Sathiyamurthy, MS; TEM Hospital & Research Centre

**V108 ENDO SPECTIC ASSISTED LAPAROSCOPIC TRUNCAL VAGOTOMY AND DISTAL GASTRECTOMY WITH GASTROJEJunal ANASTOMOSIS** Nathan Lafayette, MD, Katelyn Levene, MD, Bradley Needledman, 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, FACS, Bestoun Ahmed, MD, FACS, FRCS, FASASMBS; University of Florida College of Medicine Jacksonville

**V110 INTRAMURAL SURGERY: POP IS A NOVEL APPROACH TO TREATING GASTROPARESIS** Matthew T Allemand, MD, Jessica Ardila-Gatas, MD; John Rodriguez, MD, Jeffrey L Ponsky, MD, Matthew Kroh, 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 HELLE Y MYOTOMY** Wen Hui Tan, MD, L. Michael Brunt, 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-Johnsen, PhD; ‘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 Aydinn, Cidgem Benlice, 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. Perugino, MD, FACS; University of Massachusetts

**V116 LAPAROSCOPIC GASTROE 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

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**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>
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<tr>
<td>3:15PM</td>
<td>What is best: laparoscopic, hand-assisted, robotic or transanal approach for completion 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>
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<tr>
<td>3:45PM</td>
<td>Limits of laparoscopy in re-do Crohn’s surgery</td>
<td>Conor Delaney, MD</td>
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<tr>
<td>4:00PM</td>
<td>Limits of laparoscopy in fistulating 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>
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</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.
Friday, March 24, 2017

**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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<th>Time</th>
<th>Presentation Title</th>
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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>
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<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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</table>

**LEARNING THEMES:**
- C Colorectal
- FOR Foregut
- R Robotics
- FE Flexible Endoscopy
- NS 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
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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<td>3:24PM</td>
<td>Closing the Difficult Hiatus</td>
<td>Brant Oelschlager, MD</td>
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<td>3:36PM</td>
<td>Dealing with densely scarred fundus</td>
<td>Nathaniel Soper, MD</td>
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<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
**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</td>
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<td>R. Matthew Walsh, MD</td>
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<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</td>
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<td>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</td>
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<td>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</td>
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<td>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</td>
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<td>R. Matthew Walsh, MD</td>
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<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>
</tr>
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### LEARNING THEMES:

- **SO** Solid Organ
- **R** Robotics
- **HPB** HPB/Biliary
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>
<td>3:00PM</td>
<td>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>
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<td>3:15PM</td>
<td>The Perfect Wrap: Nissen, Toupet, or Tailored Approach?</td>
<td>Enrique Elli, MD</td>
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<tr>
<td>3:30PM</td>
<td>Dealing with the &quot;Failed&quot; Fundoplication</td>
<td>Anna Ibele, MD</td>
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<td>3:45PM</td>
<td>How to manage a Giant PEH: When (and how) should I use mesh or relaxing incisions, a lengthening procedures, or gastropexy</td>
<td>Robert Yates, MD</td>
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<tr>
<td>4:00PM</td>
<td>Diagnosis and Management of Achalasia Variants</td>
<td>Edward Auyang, MD, MS</td>
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<tr>
<td>4:15PM</td>
<td>What is the role of the surgeon in Hypermotility disorders (DES, Nutcracker, Hypertensive LES)</td>
<td>Ellen Morrow, MD</td>
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</table>

LEARNING THEMES:

- Foregut

GUIDELINES:
- 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

SS23 Hernia Video Session
Moderator: Diya I. Alaedeen, MD | Co-Moderator: Alpons Pomp, 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; 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; Jackson South Community Hospital, 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 Welz, 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

*Scheduled in Registration SuperPass (Option A) or Registration Option C*
Friday, March 24, 2017

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

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<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>4:30PM</td>
<td>Procedure specific Robotic simulation and augmented virtual reality</td>
<td>Eduardo Parra-Davila, MD</td>
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<tr>
<td>4:40PM</td>
<td>Impact of social media on the robotic learning curve (24/7)</td>
<td>Adrian P. Martin, MD</td>
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<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>
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<tr>
<td>5:20PM</td>
<td>Panel Discussion</td>
<td>All Faculty</td>
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LEARNING THEMES:
- Robotics
- Academic/Educational
- 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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<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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<tbody>
<tr>
<td>4:30PM</td>
<td>Ethical and medico-legal considerations of Incidental Surgical Findings</td>
<td>Steven D. Schwaitzberg, MD</td>
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<tr>
<td>4:42PM</td>
<td>Unsuspected intraoperative pathology of the pancreas, gallbladder, liver or adrenal gland</td>
<td>Laleh Melstrom, MD</td>
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<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>
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LEARNING THEMES:
- Colorectal
- 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 OBESE PATIENTS: A MULTI-INSTITUTIONAL, RETROSPECTIVE STUDY
Ramachandra Kolachalam, MD\(^1\), Reza A Gamagami, MD, FACS\(^1\), Eugene O Dickens, MD, FACS\(^1\), Lawrence D’Amico, MD\(^1\), Christopher J Richardson, DO, FACS\(^1\), Anthony Gonzalez, MD, FACS, FASMBS\(^1\), Jorge Rabaza, MD, FACS\(^1\), Providence Park Hospital, Silver Cross Hospital, Utica Park Clinic, Trumbull Memorial Hospital, Rochester General Hospital, Baptist Health South Florida

S107 COMPARATIVE ANALYSIS OF PERIOPERATIVE OUTCOMES OF ROBOTIC VERSUS OPEN TRANSVERSUS ABDOMINIS RELEASE
Luis A Martin-del-Campo\(^1\), Adam S Weltz\(^1\), Igor Belyansky\(^1\), Yuri W Novitsky\(^1\); University Hospitals Cleveland Medical Center, Anne Arundel Medical Center

S108 ROBOTIC VENTRAL HERNIA REPAIR IS NOT SUPERIOR TO LAPAROSCOPIC; A NATIONAL DATA BASE REVIEW
Priscila R Armijo, MD\(^1\), Akshay Pratap, MBBS\(^1\), Yi Wang, PhD\(^1\), Dmitry Oleynikov, MD, FACS\(^1\); University of Nebraska Medical Center, University of Nebraska College of Public Health

S109 QUALITY OF LIFE AFTER LAPAROSCOPIC TOTALLY EXTRAPERITONEAL REPAIR OF AN ASYMPTOMATIC INGUINAL HERNIA
H M Hedberg\(^1\), T Hall\(^1\), M E Gitelis\(^1\), B Lapin\(^1\), Z Butt\(^1\), J G Linn\(^1\), S Haggerty\(^1\), W Denham\(^1\), J Carbray\(^1\), M B Ujiki\(^1\); NorthShore University Healthsystems, Northwestern University

S110 LAPAROSCOPIC APPROACH FOR THE TREATMENT OF CHRONIC GROIN PAIN AFTER INGUINAL HERNIA REPAIR
Bruce Ramshaw, MD\(^1\), Vincent Vetrano\(^1\), Brandie Forman, Patient, Care, Manager\(^1\); University of Tennessee, Knoxville, University 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: Sebastian 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 Super specialties Hospital Mohali India

V125 PERCUTANEOUS CHOLANGIOSCOPY FOR MANAGING COMMON BILE DUCT STONES POST ROUX-EN-Y GASTRIC BYPASS
Rebecca Zener, MD, FRCP; Eran Shlomovitz, MD, FRCP, FRSC; University Health Network
Friday, March 24, 2017

4:30 PM - 5:30 PM  SS26 Education Technology, Teaching and Learning  
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 Oelschläger, 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 CHOLECYSTECTOMY Stanley B Deal, MD*, Dimitrios Stefanidis, MD, PhD, FACS, FASMBS†, L. Michael Brunnt, MD, Adrian A Alseid, 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†; †, ‡, §, ¶, ®，“Toronto Western Hospital, †McMaster University, *Massachusetts General, †Loma Linda University, ‡Montefiore Medical Center
- S115 TEACHING PERORAL ENDOSCOPIC MYOTOMY (POEM) TO PRACTICING SURGEONS: AN "NTO THE FIRE" PRE-/POST-TEST CURRICULUM Tomokazu Kishiki, MD, †Lave Patel, MD, ‡Matthew Zapf, BS, †Matthew Gitelis, ‡Brittany Lapin, PhD, †Maria A Cassera, BS†, Lee L Swanström, MD, ‡Michael B Ujiki, MD‡; †NorthShore University Health System, A Teaching Affiliate of the University of Chicago, ‡Loyola Stritch School of Medicine, †The Oregon Clinic

4:30 PM - 5:30 PM  SS27 MIS - Cool Stuff*  
Moderator: Errawan R. Wiradisuria, 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, MD, Garth R Jacobsen, MD, Bryan J Sandler, MD, Santiago Horgan, MD; UCSD Healthcare Systems
- S118 NON-INVASIVE BRAIN IMAGING OF LAPAROSCOPIC MOTOR SKILLS LEARNING Arun Nemani, PhD*, Claire Cooper, MD†, Steven Schwartzberg, MD*, Suvarna De, MD*, †Rensselaer Polytechnic Institute, *University of Buffalo
- S119 COMPARISON OF PERITONEAL EMBOLUS CLOSURE VERSUS NON-CLOSURE IN LAPAROSCOPIC TRANSABDOMINAL PRE-BEVERIDGE (TAPP) INGUINAL HERNIA REPAIR WITH COATED MESH Erica D Kane, MD, MPH, Marc C 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

5:30 PM - 6:00 PM  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!

6:00 PM - 7:00 PM  Meet the Leadership Reception for Residents, Fellows & New Members  
Location: Hilton Americas, 4th Floor Lobby

7:30 PM - 11:30 PM  SAGES Gala: The Main Event & International Sing-Off  
Location: Space Center Houston | Gateway to NASA Johnson Space Center

*SAGES does not offer CME for this session
*Includes in Registration SuperPass (Option A) or Registration Option C
*Includes 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.
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00AM - 11:30AM</td>
<td>PG Course: FUSE</td>
<td>Room 340</td>
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<tr>
<td>8:00AM - 10:00AM</td>
<td>SS29: Bariatric Surgery - Sleeves, Conversions and more</td>
<td>Ballroom C</td>
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<tr>
<td>8:00AM - 10:00AM</td>
<td>SS30: Colorectal Video Session</td>
<td>Room 320</td>
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<tr>
<td>8:00AM - 9:30AM</td>
<td>SAGES/AGA joint Session: Shark Tank (non-CME)</td>
<td>Room 322</td>
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<tr>
<td>8:00AM - 9:30AM</td>
<td>Session: Wild Cases presented in the Wild West</td>
<td>Room 310</td>
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<tr>
<td>8:00AM - 9:00AM</td>
<td>SS28: Robotic Video Session</td>
<td>Room 342</td>
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<tr>
<td>9:00AM - 10:00AM</td>
<td>SS31: Solid Organ Video Session</td>
<td>Room 342</td>
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<tr>
<td>9:30AM - 11:30AM</td>
<td>Panel: All grown up! Managing Adults with Congenital Surgical Anomalies</td>
<td>Room 322</td>
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<tr>
<td>10:00AM - 11:30AM</td>
<td>ASGE joint Panel: Endoscopic Management of Colon Lesions</td>
<td>Room 320</td>
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<tr>
<td>10:00AM - 11:30AM</td>
<td>Panel: Complications - Oops! When Things Go Wrong, What Do I Do Now?</td>
<td>Ballroom C</td>
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<tr>
<td>10:00AM - 11:30AM</td>
<td>SS32: Colorectal 2</td>
<td>Room 342</td>
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<tr>
<td>11:30AM - 3:00PM</td>
<td>Masters Series: AHS joint Session - Ventral Hernia “It’s not just Hernia”</td>
<td>Ballroom C</td>
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<tr>
<td>11:30AM - 1:00PM</td>
<td>SS33: Plenary 2</td>
<td>Room 310</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td>ASE joint Panel: Tools for the Surgical Educator</td>
<td>Room 340</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td>SS35: Foregut 3</td>
<td>Room 320</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td>SS36: Minimally Invasive Surgery - World Tour</td>
<td>Room 342</td>
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<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>
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</table>
Saturday, March 25, 2017

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

8:00 AM - 11:30 AM *Included in Registration SuperPass (Option A) or Registration Option C

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>
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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 Brunt, MD</td>
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<tr>
<td>9:20AM</td>
<td>Ultrasonic Energy Devices</td>
<td>Daniel Herron, MD</td>
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<tr>
<td>9:35AM</td>
<td>Ablation Technologies: RFA, Microwave, HIFU</td>
<td>Sharon Bachman, MD</td>
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<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>
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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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<td>10:25AM</td>
<td>Bipolar Devices: Traditional and Advance Bipolar</td>
<td>Dean Mikami, MD</td>
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<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>
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<tr>
<td>11:05AM</td>
<td>FUSE™ Certification Process</td>
<td>Pascal Fuchshuber, MD</td>
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<tr>
<td>11:15AM</td>
<td>Audience Questions / Panel Discussion</td>
<td>Thomas Robinson, MD</td>
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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.
Saturday, March 25, 2017

8:00 AM - 9:30 AM

**SAGES/AGA Joint Session: Shark Tank**
(Non-CME 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.

8:00 AM - 9:30 AM *Included in Registration SuperPass (Option A) or Registration Option C

**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>
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<tr>
<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>
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<tr>
<td>8:06AM</td>
<td>Endoscopic management of colo-renal fistula</td>
<td>Tonia Young-Fadok, MD</td>
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<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>
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<tr>
<td>8:34AM</td>
<td>Robotic-assisted Heller myotomy with giant esophageal diverticulum</td>
<td>Dmitry Oleynikov, MD</td>
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<td>8:42AM</td>
<td>Discussion</td>
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<td>8:48AM</td>
<td>Double endoscopy neo-pyloreu</td>
<td>Todd Ponsky, MD</td>
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<td>8:56AM</td>
<td>Discussion</td>
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<td>9:02AM</td>
<td>Endoscopic salvage therapy for duodenal leak</td>
<td>James Ellsmere, MD</td>
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<td>9:10AM</td>
<td>Discussion</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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<td>9:24AM</td>
<td>Discussion</td>
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</table>

**LEARNING THEMES:**
- C Colorectal
- FG Foregut
- R Robotics
- HPB 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**

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Surgical Spring Week · SAGES 2017 · March 22 - 25, 2017 · www.sages2017.org
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 Jejunostomy  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 Yiengpruksawan, 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, FRCSC, 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, Uygar Demir, Cemal Kaya, Ozgur Bostanci, Pinar Yazici; Sisli Hamidiye Efhal 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 Ginsel, 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

S127 PERIOPERATIVE OUTCOMES OF LAPAROSCOPIC AND ROBOTIC REVISIONAL BARIATIC SURGERY IN A COMPLEX PATIENT POPULATION  Katherine D Gray, MD, Maureen D Moore, MD, Suraj Panjwani, MBBS, Omar Bellorin, MD, Adham Elmously, MD, Rasa Zarnegar, MD, Gregory Dakin, MD, Alfons Pomp, MD, FACS, FRCSC; New York Presbyterian Hospital / Weill Cornell Medical Center

S125 SAFETY AND EFFICACY OF REVISION ROUXENY GASTRIC BYPASS COMPARED TO SLEEVE GASTRECTOMY AFTER FAILED GASTRIC BANDING  Alice Wang, 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 Alshahi, MD, Mohammad Kalantar Motamed, MD, MPH, Adil Khan, MD, Indravadan Patel, MD, Shiraz Rahim, MD, Mujahid Abbas, MD, Leena Khaitan, MD, MPH; University Hospitals

S128 LAPAROSCOPIC SLEEVE GASTRECTOMY AS A VIABLE OPTION FOR AN MBULATORY 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 Gorodner, 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 J 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, Jyothi Thumma, MPH, Justin B Dimick; University of Michigan
Saturday, March 25, 2017

SS30 Colorectal Video Session
Moderator: John H. Marks, MD | Co-Moderator: Greta Bernier, MD

V139 LAPAROSCOPIC RADICAL EXTENDED RIGHT HEMIHEPATECTOMY WITH COMPLETE MESEOSCIC EXCISION USING AN ARTERY FIRST APPROACH Dechang Diao, PhD, Xinquan Lu, MD, Wei Wang, MD, Lianouan Zhou, MD, Yaobin He, MD, Honming Li, Wenhjun 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 TRANSANAL ENDOSCOPIC MICROSURGERY Helen C Mayer, Philip J Spencer, MD, Asishana A Osho, MD, MBA, MPH, Terry L Buchmiller, MD, David Lawlor, MD, Patricia Sylla, MD; ‘Massachusetts General Hospital, ‘Children’s Hospital Boston, ‘Massachusetts General Hospital for Children, ‘Mount Sinai Hospital New York

V141 COMBINED TATME AND LAPAROSCOPIC PROCTOCOEKTOMY AND PELVIC POUCH PROCEDURE Carl J Brown; University of British Columbia

V142 LAPAROSCOPIC MANAGEMENT OF PRESCARAL BLEEDING DURING RECTAL SURGERY Francois Rouleau Fournier, MD, Alexandre Bouchard, MD, FRSCC, Genevieve Dion, MD; CHU de Quebec

V143 LAPAROSCOPIC COMPLETE MESEOSCIC EXCISION FOR RIGHT-SIDED COLON CANCER USING A CRANIAL APPROACH: EMBRYOLOGICAL AND ANATOMICAL CONSIDERATION Takeru Matsuda, Yasuo Sumi, Kimeh Gashima, Hiroshi Hasegawa, Masashi Yamamoto, Shingo Kanaji, Yoshiko Matsuda, Taro Oshikiri, Tetsu Nakamura, Satoshi Suzuki, Yoshihiko Kakeji; Kobe University Graduate School of Medicine

V144 ROBOTIC TRANSANAL MINIMALLY INVASIVE TUMOR EXCISION (TAMIS): AN IDEAL SOLUTION FOR RECTAL NEOPLASMS Shanglei Liu, MD, Santiago Horgan, MD, Lisa Parry, MD, Sonia Ramamorthy, MD, Samuel Eisenstein, MD; UCSF Healthcare Systems

V145 LAPAROSCOPIC REPAIR WITH OMENTOPLASTY FOR HIGH RECTO-VAGINAL FISTULA - VIDEO PRESENTATION OF TECHNIQUE C Palanivelu, MS, FACS, FRCS, DSc, S Rajapandian, MSFRCS, CMS, P Praveen Raj, MS, FMAS, Senthil Ganapathy, MS, R Sathiyamurthy, MS; GEM Hospital & Research Centre

V146 LAPAROSCOPIC PROCTOCOEKTOMY 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, MD, Irina Bernescu, MD, Benny Kieff, MD; Nadav Dujovny, MD, FACS; ‘grand rapid medic education partners, ‘Spectrum Health Medical Group

V148 LAPAROSCOPIC TOTAL COLECTOMY WITH SACROCOLORECTECTOPEXY FOR COLONIC INERTIA ASSOCIATED WITH COMBINED PELVIC PROLPSE Yuskel Altnel, MD, Jun Chen, MD, Andrea Petrucci, MD, Eric A Hurtado, MD, Steven D Wexner, MD; Giovanna DaSilva, MD; Cleveland Clinic Florida, Weston, FL

V149 LAPAROSCOPIC SIGMOIDECTOMY WITH END-TO-SIDE COLORECTAL ANASTOMOSIS AND TRANSANAL EXTRACTION Christina Koh, MD, Kristen Blaker, MD, Alessio Pigazzi; University of California, Irvine Medical Center

V150 TRANSAAL ENDOSCOPIC MICROURGERY (TEM) FOR THE TREATMENT OF COMPLEX ANAL FISTULAS Jeremy Sugrue, MD, Saleh Effatiai, MD, Sany Thomas, MD, Christina Warner, MD, Francois Dagbert, MD, Anders Mellgren, MD, PhD, Johan Nordenstam, MD, PhD; University of Illinois at Chicago

9:00 AM - 10:00 AM SS31 Solid Organ Video Session
Moderator: Robert V. Rege, MD | Co-Moderator: Garth R. Jacobsen, MD

V151 ROBOTIC LIVER RESECTION OF THE POSTERIOR SUPERIOR SEGMENTS USING THE DAVINCI XI SURGICAL SYSTEM Yanghee Woo, MD, Jacopo Desiderio, MD, Yuman Fong; City of Hope National Cancer Center

V152 LAPAROSCOPIC PARTIAL SPLENECTOMY FOR AN UNUSUAL SPLENIC MASS Eric Simms, MD, Miguel Burch, MD, Edward Phillips, MD; ‘Harbor UCLA Medical Center, ‘Cedars-Sinai Medical Center

V153 PURE LAPAROSCOPIC HEPATECTOMY AND THROMBECTOMY FOR RECURRENT HEPATOCELLULAR CARCINOMA WITH TUMOR THROMBOSIS IN THE LEFT HEPATIC DUCT AFTER OPEN LEFT LATERAL HEPATECTOMY Osamhu 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, Yuka 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 Cho, 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 Srivasatan, Sandeep Sabinis, R Parthasarathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

V156 LAPAROSCOPIC TOTAL PANCREATECTOMY FOR IPMN WITH INVASIVE CARCINOMA Yiping Mou, Renchao Zhang, Chaojie Huang, Chaojie Huang; Zhejiang Provincial People’s Hospital, Zhejiang 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
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</thead>
<tbody>
<tr>
<td>9:30AM</td>
<td>Introduction</td>
<td>Danielle Walsh, MD</td>
</tr>
<tr>
<td>9:35AM</td>
<td>Transition from Pediatric to Adult</td>
<td>Li Ern Chen, MD</td>
</tr>
<tr>
<td>9:50AM</td>
<td>Esophageal atresia and injuries</td>
<td>Melissa Danko, MD</td>
</tr>
<tr>
<td>10:05AM</td>
<td>Biliary replacements - Cysts and atresias</td>
<td>Stefan Scholz, MD</td>
</tr>
<tr>
<td>10:20AM</td>
<td>Anomalies of Rotation and Abdominal wall defects</td>
<td>Diana Diesen, MD</td>
</tr>
<tr>
<td>10:35AM</td>
<td>Duodenal atresia and pancreatic anomalies</td>
<td>Bethany Slater, MD</td>
</tr>
<tr>
<td>10:50AM</td>
<td>ACE, Maloney, Chait, and other conduits</td>
<td>Angela Hanna, MD</td>
</tr>
<tr>
<td>11:05AM</td>
<td>Anorectal issues - Imperforate anus and Hirschsprungs</td>
<td>Marion Henry, MD, MPH</td>
</tr>
<tr>
<td>11:20AM</td>
<td>Panel Q&amp;A</td>
<td>Panel Faculty</td>
</tr>
</tbody>
</table>

LEARNING THEMES:

- Colorectal
- Foregut
- Acute Care
- HPB/Biliary

NATIONAL PRIORITIES

Session: Emerging Technology
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 Osdoit, Gerard Hascouet, CEO; ‘Clinique Fontvert, Sorgues 84700, France, SSAFEHEAL and MD START, Paris, France, ‘MD START, Paris France

ET003 PRIMARY AND RESCUE ENDOVISUAL VACUUM (E-VAC) THERAPY IN THE MANAGEMENT OF ESOPHAGEAL PERFORATION
Sasha Still, MD, Marissa Mencio, MD, Estrellita Ontiveros, MA, James Burdick, MD, Steven G Leeds, MD; ‘Division of Minimally Invasive Surgery, Baylor University Medical Center at Dallas, ‘Department of Gastroenterology, Baylor University Medical Center at Dallas

ET004 A NOVEL LAPAROSCOPIC DEVICE USED FOR URETER IDENTIFICATION
Albert Y Huang, MD, Allotrope Medical Inc.

ET005 AUGMENTED SURGICAL DECISION MAKING, USING IMAGE RECOGNITION AND ARTIFICIAL NEURAL NETWORKS
Danny Sherwinters, MD, Andrew Miesse, Matthew Eschbach, Amit Vasanji; ‘Maimonides Medical Center, ‘Covidien, ‘Image 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 IMMERSE 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, FACS; Kazumi Kuboi, RN, Hirofumi Tanaka, MD, Tetsushi Ito, MD, Takuya Miyazaki, MD, Yoshihiko Himura, MD, Yuko Kitagawa, MD, PhD, FACS; Keio University School of Medicine, Kawasaki Heavy Industries, Ltd., Medicaroid 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, MD; 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, 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 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

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 adenomatosus 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

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<td>The large colon polyp: When to choose EMR, ESD or full-thickness resection</td>
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LEARNING THEMES:  
- Colorectal  
- Flexible Endoscopy  
- New technologies/Skill acquisition

GUIDELINES:  
- Granting of Privileges for Gastrointestinal Endoscopy  
- Laparoscopic Colectomy for Curable Cancer

NATIONAL PRIORITIES

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LEARNING THEMES:  
- Colorectal  
- Flexible Endoscopy  
- 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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<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 Brunt, 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

10:00 AM / hyphen.cap 11:30 AM

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, Vanesa 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 (VAAFT) 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, DO, John Monson, MD, Matthew R Albert, MD, Sam Atallah, 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, John H Marks, MD, Marks Colorectal Surgical Associates, Lankenau Institute of Medical Research

S137 Stereotactic navigation for rectal surgery
Arthur Wijsmuller, MD, Luis Romagnolo, MD, Bernard Dalettemagne, MD, Armando Melani, MD, Céline Girauduch, PhD, Jacques Marescaux, MD, FACS, Hon, FRCS, Hon, FJSES, Hon, FASA; Research Institute against Digestive Cancer (IRCAD), Strasbourg, France, IRCAD América Latina, Barretos, Brazil, IHU Strasbourg, Institute of Image-Guided Surgery, Strasbourg, France

S138 Barriers to laparoscopic colon resection for cancer: a national analysis
Alexander T Hawkins, MD, MPH, Mn Cone, B Hopkins, R Muldoon, MD, Aa Parikh, Tm Geiger; Vanderbilt University

S139 Single incision laparoscopic surgery for diverticulitis through a Pfannenstiel incision: short and long-term outcomes
Saeed Shoa, Alberto Gonzalez, Dr, Sergio H Ibarras, 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

**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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<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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<tr>
<td>12:25PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<td>12:55PM</td>
<td>Mesh - Is it necessary and what type?</td>
<td>Sharon Bachman, MD</td>
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<tr>
<td>12:55PM</td>
<td>Q&amp;A / Discussion</td>
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<tr>
<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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<tr>
<td>1:40PM</td>
<td>Q&amp;A / Discussion</td>
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<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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<tr>
<td>2:20PM</td>
<td>Operative Complications - Avoiding them and managing them</td>
<td>Gina Adrales, MD, MPH</td>
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<tr>
<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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*Surgical Spring Week · SAGES 2017 · March 22 - 25, 2017 · www.sages2017.org*
Saturday, March 25, 2017

11:30 AM - 1:00 PM  **SS33 Plenary 2**

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

Moderator: Daniel J. Scott, MD | Co-Moderator: Davide Lonanto MD, PhD

**S141 FACTORS INFLUENCING THE OUTCOME OF MAGNETIC SPHINCTER AUGMENTATION FOR CHRONIC GERD**
Heather F Warren, MD,1 Lisa M Brown, MD,2 Matias Mihura, MD,2 Alexander S Farivar, MD,1 Ralph W Aye, MD,3 Brian E Louie, MD,4 Dignity Health Medical Group, 1UC Davis Medical Center, 2Swedish Cancer Institute and Medical Center

**V157 LAPAROSCOPIC FOUR-DUCT HEPATOJEunal ANASTOMOSIS IN SEVERE MIRIZZI SYNDROME**
Pablo Achurra,1 Erwin Buckel,1 Eduardo Viñuela,2 Julian Varas,2 Rose Marie Mege,2 Alfonso Diaz,1 Nicolas Jarufe,2 Sanhueza Marcel,2 Department of Gastrointestinal Surgery, Pontificia Universidad Católica de Chile, Hospital Sotero del Rio, Santiago, Chile

**S142 ROBOTIC SINGLE SITE VERSUS MULTIPORT CHOLECystECTOMY: A CASE-MATCHED ANALYSIS OF SHORT- AND LONG-TERM COSTS**
Monika E Hagen,1 Alexandre Balphas, Mino K Jung, Nicolas C Buchs,1 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,1 Benjamin Veenstra, MD,1 Chloe Jackson,1 C D Smith, MD,1 Steven P Bowers, MD; Mayo Clinic Florida, 1Rush University Medical Center, 2Piedmont Hospital, Atlanta, GA

**V158 EXTENDED-TEP RIVES STOPPA REPAIR**
Nan Wu, MD, Adam Weltz, Reza Zahiri, Adrian Park, MD, Igor Belyansky, MD, Anne Arundel Medical Center

**S144 HOW BARIATRIC SURGERY AFFECTS LIVER VOLUME AND FAT DENSITY IN NAFLD Patients**
Ran B Luo, MD,1 Toshiaki Suzuki, MD,1 Domingo Montalvo, MD,1 Jonathan C Hooker, BS,1 Shanglei Liu, MD,1 Jonathan C DeLong, MD,1 Jessica L Reynolds, MD,1 Bryan J Sandler, MD,1 Scott Reeder, MD,1 Claude B Sirlin, MD,1 Santiago Horgan, MD,1 Garth R Jacobsen, MD; 1University of California, San Diego, 2University of Wisconsin

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

1:30 PM - 2:30 PM  **SS34 Case Presentations**

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

Moderator: Thadeus L. Trus, MD | Co-Moderator: Benjamin R. Veenstra, MD

**V159 ENDOsCOPIC APPROACH FOR MULTIPLE HYDATIDIOSIS IN LUNG & SPLEEn: A SPLEEn PRESERVING EFFORT**
Ayaj H Bhandarwar, MS, Amol N Wagh, MS, Saurabh S Gandhi, MS, Chintan B Patel, MS, Priyank D Kothari, Eham L Arora; Grant government medical college & Sir JJ group of Hospitals, Mumbai, India

**V160 GASTROPERICARDIAL FISTULA: A COMPLICATION OF AN ERODED LAP BAND**
Michael C Morell, MD, Matthew D Whealon; 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, UC 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,1 Ipek Sapci, MD,2 Turgut Bora Cengiz2 Bilgi Baca, MD, Prof, Dr; 1Department of General Surgery, Acibadem University, Medical Faculty, Istanbul, Turkey, 2Acibadem University, Medical Faculty, Istanbul, Turkey

**V164 LAPAROSCOPIC COMMON BILE Duct EXPLORATION IN A PATIENT WITH PREVIOUS TOTAL GASTRECTOMY**
Mostafa El-Beheiry1, Steven MacLellan2; 1Western University, 2University of Toronto

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1:30 PM - 3:00 PM  **SS35 Foregut 3**

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

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, Danielle Boselli, James Symanowski, PhD, Jonathan C Salo, MD; Carolinas Medical Center

**V166 LAPAROSCOPIC SINGLE-FIRE STAPLED COLLIS GASTROplASTY**
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

**S147 LAPAROSCOPIC PRIMARY REPAIR VERSUS LIGHTWEIGHT PARTIALLY ABSORBABLE MESH REPAIR FOR LARGE HIATAL Hernias: PROSPECTIVE RANDOMIZED STUDY**
V. V. Grubnik, A.v. Malynovskiy; Odessa national medical university, Ukraine

**V167 LAPAROSCOPIC VAGAL SPARING TRANSHIATAL ESOPHAGOGASTRECTOMY WITH STAPLED ESOPHAGOGASTROSTOMY FOR RECURRENT PEPTIC STRicture OF THE ESOPHAGUS**
P. R. Praveen Raj, MS, FMAS, N Ramesh, M Bharath Cumar; GEM Hospital & Research Centre

**S148 MAGNETIC SPHINCTER AUGMENTATION DURING REPAIR OF PARAESOPHAGEAL AND LARGE HIATAL Hernias RESULTS IN FAVORABLE OUTCOMES.**
Reginald Bell, MD,1 F.P. Tripp Buckley, MD,1 Katherine Freeman, NP, MSN1, Rachel Heidrick, RN,2 Stephanie Doggett, PAC1; 1SurgOne Foregut Institute, 2Baylor Scott & White-Round Rock

**V168 SIMULTANEOUS LAPAROSCOPIC HELLER MYOTOMY AND ROUX-EN-Y GASTRIC BypASS IN A MORBIDLY OBESE PATIENT WITH ACHALasia**
Daniele T Friedman, MD, Ajay K Chopra, MD; Jacobi Medical Center

**V169 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

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*SAGES 2017 Surgical Spring Week*
Saturday, March 25, 2017

**SS36 Minimally Invasive Surgery - World Tour**

**Moderator:** Matthew I. Goldblatt, MD | **Co-Moderator:** Hong-Jin Kim MD, PhD

**SS149 MESH CRURAL REINFORCEMENT OF GIANT HIATAL HERNIA WITH LAPAROSCOPIC APPROACH: RESULTS IN 100 CONSECUTIVE PATIENTS**
Emanuele L. Asti, MD, FACS, Andrea Lovece, MD, Luigi Bonavina, MD, FACS; IRCCS Policlinico San Donato

**SS150 LAPAROSCOPIC PANCREATICODUODENECTOMY: CHANGING THE MANAGEMENT OF AMPULLARY NEOPLASMS**
Brandon C. Chapman, MD, Irada Ibrahim-Zada, MD, Douglas M. Overbey, MD, Alessandro Piancia, 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

**SS151 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

**SS152 MULTIMODAL TREATMENT STRATEGIES FOR BOERHAAVE SYNDROME**
Philipp Horvath, MD, Jessica Lange, MD, Dörte Wichmann, MD, Julia Hilbert, MD, Dietmar Stüker, Marty Zichavsky, MD; University hospital Tübingen, General Surgery

**SS153 PERITONEAL DIALYSIS CATHETER FUNCTION AND SURVIVAL ARE NOT ADVERSELY AFFECTED BY OBESITY REGARDLESS OF OPERATIVE TECHNIQUE**
Monika A Krezaelek, BS, Nicolas Bonamici, BS, Brittany Lapin, MD, Michael Ujiki, MD, Stephen P Haggerty, MD; The University of Chicago, NorthShore University HealthSystem

**SS154 HEMITHYROIDECTOMY: OPEN VERSUS ENDOSCOPIC TRANSAXILLARY APPROACH – A RANDOMISED STUDY IN A TERTIARY CARE CENTRE IN SOUTH INDIA**
Parimuthukumar Rajappan, MS, Prashanth Krishna, Apoorva Prathap, Vishwanath Pai; Sri Ramachandra University, Chennai, India

**SS155 Withdrawn**

**SS156 BENEFITS IN PRESERVATION OF THE IMA DURING LAPAROSCOPIC SIGMOID COLECTOMY: A COMPARATIVE STUDY**
Ratchamon Pinyatapratarn, MD, Siripong Sirikurnpiboon, MD, Kasidin Vitoopinyoparb, 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Invited Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>The Hammer: Using proficiency-driven curricula in surgical education</td>
<td>Kent Van Sickle, MD</td>
</tr>
<tr>
<td>1:39PM</td>
<td>Off the Shelf or Do It Yourself: FLS, FES, FUSE and the Development of Advanced Laparoscopic Surgery skills</td>
<td>Dmitry Nepomnayshy, MD</td>
</tr>
<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>
</tr>
<tr>
<td>2:42PM</td>
<td>Q&amp;A</td>
<td>Kent Van Sickle, MD John Paige, MD</td>
</tr>
</tbody>
</table>

### LEARNING THEMES:
- **R**: Robotics
- **PE**: Professional/Economic
- **AE**: Academic/Educational
- **NS**: New technologies/Skill acquisition

### NATIONAL PRIORITIES
Saturday, March 25, 2017

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>
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<tr>
<td>8:30AM - 12:30PM</td>
<td>Hands-On Surgical Skill Development - Lab</td>
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<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.
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:
- 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

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:
- Provide troubleshooting to members from SMART material for obstacles encountered during development and implementation of enhanced recovery principles

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 endotrainer (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, Kyoto Kagaku, Medtronic, Olympus
Did you know that the American Board of Surgery requires 60 Category 1 CME Credits from a self assessment activity every 3 years for Maintenance of Certification (MOC)?

Get your self assessment credit from SAGES today:

- SAGES Annual Meeting (www.sages2017.org)
- Fundamentals of Laparoscopic Surgery™ (http://www.flsprogram.org/)
- Fundamentals of Endoscopic Surgery (http://www.fesprogram.org/)
- Fundamental Use of Surgical Energy™ (http://www.fuseprogram.org/)
Join now and enjoy the following benefits:

› Over 31 hours of Category 1 CME Credit including self-assessment CME credits for MOC
› Substantial discount for registration to SAGES Annual Meeting
› Cutting-edge education and professional development
› A network of 6000 colleagues and surgical endoscopic experts
› State of the art surgical technology and techniques
› Subscription to “Surgical Endoscopy”
› Member-only research grants and career development awards
› Leadership opportunities through 37 committees and task forces
› … and so much more!

SAGES Mission

Improve quality patient care through education, research, innovation and leadership, principally in gastrointestinal and endoscopic surgery.
From our Bariatrics Committee to our Safety in Chole Task Force to our Go Global Program, there are great opportunities for involvement and leadership within SAGES.

WWW.SAGES.ORG
SAGES Education

TRAINING AND TECHNOLOGY

SMART™
Enhanced Recovery Program

HealthySooner.org™

SAGES Fundamentals:
Revolutionizing Surgical Training Worldwide.

FES™
Fundamentals of Endoscopic Surgery

FLS™
Fundamentals of Laparoscopic Surgery

FUSE™
Fundamental Use of Surgical Energy
Help SAGES Help You!

Ensure Patients Find You in the “Find a Surgeon” Directory!

Update Your SAGES Profile in Just 5 Minutes!

Take 5 minutes today to update your SAGES profile so patients can find you in our “Find a Surgeon” directory. You can simply use your handheld device or your desktop or call our membership office at 310-437-0544, ext. 110, and we can walk you through it.

1. Go to www.sages.org/login/ and login.
2. Click My Profile from the Members Menu.
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!
<table>
<thead>
<tr>
<th>Resource/Program</th>
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<th>Members</th>
<th>Non-Members</th>
</tr>
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</table>
| iImages | Provides access to a vast library of digital images, photos and graphics. | - Download images  
- Utilize images in Presentations  
- Upload/Share/Archive images  
- Rate/Review images | View access only to low resolution image versions |
| SAGES TV | A central “searchable and fully navigational” depository for SAGES videos | - Upload/Share/Archive  
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| SAGES Webinars | These Webinars have been developed specifically for residents and feature expert panelists from SAGES. | Register and Participate in SAGES Resident Webinars for Free! | Register and Participate in SAGES Resident Webinars for Free! |
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| Healthy Sooner – Find a SAGES Surgeon | A list of SAGES member surgeons available to patients by location and/or specialty. | Members can update their SAGES profile so patients can find them in the public “Find a Surgeon” directory | On-line access to all SAGES Guidelines |
| SAGES International Proctoring Courses | A vehicle for SAGES to “give back” to the world community by leveraging its leading educational and training activities to become a leader in bringing safe minimally invasive surgery to the developing world. | SAGES Members may volunteer to participate in SAGES Go Global Activities | For members only |
| SAGES Safety Checklist | A checklist developed by SAGES and AORN to aid operating room personnel in the preparation of equipment and other duties unique to laparoscopic surgery cases. | On-line access to all SAGES Members | For members only |

For information on how to become a SAGES member go to www.sages.org/membership
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</table>
| **SAGES Pearls Series** | Step by Step  
- Short Video Clips  
- Expert Narratives  
- Tips  
- Tricks  
- Important Steps | Available For Purchase.  
Member Discount Available | Available For Purchase.  
Member Discount Available |

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.

<table>
<thead>
<tr>
<th><strong>SAGES TOP 21 DVD</strong></th>
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| **FLS (Fundamentals of Laparoscopic Surgery)** | On-line based education module designed to teach physiology, fundamental knowledge & technical skills. | Available For Purchase.  
Member Discount Available | Available For Purchase.  
Full Price |

| **FES (Fundamentals of Endoscopic Surgery)** | The Fundamentals of Endoscopic Surgery (FES) Program is a test of knowledge and skills in flexible gastrointestinal (GI) endoscopy. High-stakes exam provides measurement of learning. | Available For Purchase.  
Member Discount Available | Available For Purchase.  
Full Price |

| **FUSE (Fundamental Use of Surgical Energy)** | The Fundamental Use of Surgical Energy (FUSE) Program is an educational program and exam that covers safe energy use in the operating room and endoscopic procedure areas. | Available For Purchase.  
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Please visit www.fuseprogram.org  
or call 310-437-0544x149 | Available For Purchase.  
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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.

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.
SAGES Invited Faculty

Gina L. Adrales, MD, MPH, Baltimore, MD, Chief, Division of Minimally Invasive Surgery, Johns Hopkins Univ.
School of Medicine

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Harris Alam, Kissimmee, FL, HS Student,

Mohamed R. Ali Jr, MD, Sacramento, CA, Professor of Surgery, Univ. of California, Davis

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Salman Al-Sabah, MD, Mesilla


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Horacio J. Asbun, MD, Jacksonville, FL, Professor of Surgery - Chairman, General Surgery, Mayo Clinic Florida

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Sharon L. Bachman, MD, Falls Church, VA, Director of Minimally Invasive Surgery, Surgical Clerkship Director, Inova Fairfax Hospital

Adolfo Badaloni, MD, C.A.B.A., Argentina, Chief of Esophageal Surgery, Fundacion, Favaloro in Argentina

Conrad Dizon Ballecer, MD, Phoenix, AZ, Attending General Surgeon, Center for Minimally Invasive and Robotic Surgery

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VADM Raquel Bono, MC, USN, Falls Church, VA, Director, Defense Health Agency

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Stacy A. Brethauer, MD, Avon, OH, Cleveland Clinic


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Ronan Cahill, MD, Dublin, Ireland, Consultant Colorectal Surgeon and Full Professor of Surgery, Mater Misericordiae Univ. College

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Andre Campbell, MD, San Francisco, CA, Professor of Surgery, UCSF, School of Medicine, Zuckerberg San Francisco General Hospital and Trauma Center

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Srircharan Chakkonda, MD, Moreland Hills, OH, Assistant Professor of Surgery, Lerner College of Medicine

Bipan Chand, MD, Maywood, IL, Associate Professor, Loyola Univ.

David Chia-Chang Chen, MD, Los Angeles, CA, Associate Professor of Clinical Surgery, David Geffen School of Medicine at UCLA

Li Ern Chen, MD, Dallas, TX, Vice President, Surgery, Baylor Scott & White Health

Daniel Cherqui, MD, Paris-Villevieu, France, Professor of Surgery, Centre Hepatobiliaire - Paul Brousse Hospital


Gyu-Seog Choi, MD, Daegu, South Korea, professor, Kyungpook National Univ., School of Medicine

William S. Cobb, MD, Greenville, SC, Associate Professor of Clinical Surgery, Greenville Health System

Ricardo V. Cohen, MD, Sao Paulo, Brazil, Director, The Center for Obesity and Diabetes, Oswaldo Cruz Hospital

Mark Giles Coleman, MBChB, MD, Yelverton, Plymouth, UK, Professor Mark G Coleman, Derriford Hospital, Plymouth UK

Dorin Toma Colibaseanu, MD, Jacksonville, FL, Assistant Professor of Surgery, Mayo Clinic

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SAGES Meeting Responsibility Legend:

**Faculty:** Session Chairs, Faculty, Moderators
**Reviewer:** Abstract Reviewer
**Planning Committee:** SAGES Board of Governors, Program Committee, Continuing Education and Conflict of Interest Task Force
**Presenter:** Abstract or Video Presenter
### SAGES Faculty and Presenter Disclosures

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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

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 Palanivelu; GEM Hospital & Research Centre

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

V174 LAPAROSCOPIC EXTERNAL ILLIAC LYMPH NODE EXCISIONAL BIOPSY IN CASTLEMAN’S DISEASE Vy Nguyen, MD, Dennis Klassen; Dalhousie University

V175 VERTICAL BANDED GASTROPLASTY CONVERTED TO SLEEVE GASTRECTOMY SECONDARY TO MESH EROSION. Lisa Renee Hilton, MD, Geoffrey Nadzam, MD, FACS, FASMBS, Matthew Hubbard, MD, Saber Ghiassi, MD, FACS, FASMBS, Kurt Roberts, MD, FACS, FASMBS, Andrew J Duffy, MD, FACS, FASMBS; Yale University

V176 LAPAROSCOPIC ASSISTED RETROPERITONEAL NECROSECTION Gillian Alex, MD, Sameer Gupta, MD, Benjamin Veenstra; Rush University Medical Center

V177 LAPAROSCOPIC SPLENOPEXY FOR WANDERING SPLEEN Sheridan A Morgan, MD1, Ian C Glenn, MD2, Oliver S Soldes, MD2; 1Summa Health System (Akron, OH), 2Akron Children's Hospital (Akron, OH)

V178 EMERGENT LAPAROSCOPIC REPAIR OF DIAPHRAGMATIC HERNIA IN TRANSHALIAT ESOPHAGOCELESTOMY N Roberts, MD, S Allamaneni, MD, Surgical Oncologist, M Musielak, MD, General Surgeon; The Jewish Hospital

V179 LAPAROSCOPIC-ASSISTED PRIMARY REPAIR OF MORGAGNI HERNIA IN CHILDREN Ki Won Kim, MD, Francis Baccay, MD, Steven Borenstein, MD, Montefiore Medical Center

V180 LAPAROSCOPIC SIGMOIDECTOMY WITH TRANSECTION SPECIMEN EXTRACTION: STEP BY STEP Narotna Boonveep, MD, Punthita Aimsupanit, MD, Panya Thaweepvoradech, MD, Itriphol Viratanapanu, MD, Dome Charoenthong, MD, Somkit Ussavarojpong, MD, Supakit Charchaiyark, MD, Chalyaporn Suwitchakul, MD; BMA general hospital

V181 MESH EROSION INTO SIGMOID COLON POST TAPP - LAPAROSCOPIC MESH REMOVAL AND SIGMOID COLECTOMY C Palanivelu, MS, FACS, FRCSEd, Dsc, S Rajiapandian, MS, FRCS, FAMS, R Parthasarathi, MS, FAMS, P Senthilnathan, MS, FAMS, DNB, P Praveen Raj, MS, FAMS, Senthil Ganapathy, MS; GEM Hospital & Research Centre

V182 FLUORESCENCE-GUIDED URETTER IDENTIFICATION DURING ROBOTIC SIGMOID RESECTION Lindsay M Kraner, MD, Minia Hellan, MD, FACS2; 1 Wright State University Boonshoft School of Medicine, 2Wright State University, Division of Surgical Oncology

V183 THE USE OF IMMUNOFUORESCENCE IMAGING IN COLORECTAL SURGERY Andrea Petrucci, MD, Yuksel Altinel, Stephen D Wexner, MD; Cleveland Clinic Florida, Weston, FL

V184 CECAL VOLVULUS SECONDARY TO BLADDER SLING David Parizh, MS, DO, Vadim Meytes, DO, George S Ferzli, MD, FACS; NYU Lutheran Medical Center

V185 VIDEO PRESENTATION: RECTAL HETEROTROPHIC GASTRIC MUCOSA Chaya Shwaert, MD, Alexandra Arigortof, MD, Sanghyun A Kim, MD, FACS; Icahn School of Medicine at Mount Sinai

V186 COMBINED LAPAROSCOPIC AND ENDOSCOPIC REMOVAL OF A FOREIGN BODY AFTER ROUX-EN-Y GASTRIC BYPASS Michael P Mejera, MD, MBA, David B Renton, MD, Andrei V Manilchuk, MD, Jennifer S Schwartz, MD; The Ohio State University Wexner Medical Center

V187 TECHNICAL CONSIDERATIONS FOR TRANSGLASTRIC ERCP Justin A Dobie, MD, Yansi V Alii, MD, Ann M Rogers, MD, Eric M Pauli, MD, Penn State Milton S. Hershey Medical Center

V188 SUPERIOR MESENTERIC ARTERY SYNDROME: ALTERNATIVE TREATMENTS IN SELECTED PATIENTS Robert A Grossman, MD, Fred Brody, MD, MBA; George Washington University

V189 TRANSPLIAT LAPAROSCOPIC TOTAL ESOPHAGECTOMY; A COMPLEX SURGERY EXPLAINED IN SIMPLE STEPS Christopher DuCain, MD, MPH, Peter Lundberg, MD, Samantha Zeringue, MD, Clifton McGinnis, MD; Tulane University

V190 ROBOTIC-ASSISTED EXTENDED HELLER MYOTOMY IN A PATIENT WITH SIGMOID ESOPHAGUS Federico J Serrot, MD, Nisha Dhanabalsamy, MD, Shawn Fu, MD, Ian Ghaderi, MD, Carlos Galvani, MD; University of Arizona

V191 ENDOSCOPIC TREATMENT OF PERSISTENT ESOPHAGEAL PLEURAL FISTULA; COVERED ESOPHAGEAL STENT FAILURE DOES NOT MEAN THE END OF THE ROAD FOR ENDOPILE TREATMENT Ashwin A Kurian, MD, Keerthi K Pally, MD, Sharata Ahmed, MD; Denver Esophageal and Stomach Center

V192 LAPAROSCOPIC LEFT HEPATECTOMY FOR EXTENSIVE HEPATOLITHIASIS Palansiamy Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, R Parthasarathi, S Rajiapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

V193 LAPAROSCOPIC LATERAL PANCREATICOJEJUNOSTOMY FOR CHRONIC PANCREATITIS Palansiamy Senthilnathan, Anand Vijai, V P Nalankilli, G Srivatsan, Sandeep Sabnis, Dilip Gode, R Parthasarathi, S Rajiapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

V194 LAPAROSCOPIC ASSISTED RETROPERITONEAL DEBRIDEMENT OF THE MORBIDLY OBESE Cici Zhang, MD, Jonathan Wong, MD; Lenox Hill Hospital

V195 LAPAROSCOPIC CYSTGASTROSTOMY Mina Saeed1, Rami Lutfi, MD2, Ivo Tzetanov, MD3; 1UIC-Metropolitan Group Hospitals Surgery Residency, 2University of Illinois at Chicago

V196 LIGAMENT OF TREITZ - IMAGES AND SURGICAL IMPLICATIONS DURING ROBOTIC WHIPE PROCEDURE Anusuk Yiengpruksawan, MD, Anthony Pozzessere, MD, Jonas Mannsson, MD; The Valley Hospital, Ridgewood, NJ

V197 LAPAROSCOPIC RESECTION OF HEPATIC ACCESSORY LOBE TORSION Shintaro Chiba, MD, Antony Dellittrui, Ryan R Bird, Mohammad Hamshow, MD, Maryanne Ruggiero, MD, Herbert Wasserman, MD, Danny Sherwinter, MD, Winnick Aaron, MD; Maimonides Medical Center

V198 PURE LAPAROSCOPIC ANATOMICAL RESECTION UNDER ICG IMMUNOFUORESCENCE GUIDANCE FOR HCC IN PATIENT WITH LIVER CIRRHOSIS Tan To Cheung; The University of Hong Kong

V199 LAPAROSCOPY HEPATIC ADENOMA RESECTION WITH SEGMENTAL CLAMPING Jose Julio R Monteiro Filho, MD, FACS1, Paulo Jose M de Macedo, MD, FACS2, Paulo Sergio S Reis Junior, MD, FACS2, Joao Gustavo C Duarte, MD2; 1Hospital Miguel Couto, 2Hospital Carlos Chagas, 3Hospital Rios Do

V200 LAPAROSCOPIC LEFT HEPATECTOMY WITH MIDDLE HEPATIC VEIN DISSECTION AND PRESERVATION Jose Julio R Monteiro Filho, MD, FACS1, Paulo Jose M de Macedo, MD, FACS2, Paulo Sergio S Reis Junior, MD, FACS2; 1Hospital Miguel Couto, 2Hospital Carlos Chagas
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 Thodyli, 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 Nada1, Ahmed Hammadi, Mohamed Sajid1, Elizabeth Waters1, Sajid Mahmud, Mr1, James Duncan, Mr1; ‘NHS Lanarkshire, ‘Guy’s ans St Thomas’ 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 SLEEVE GASTRECTOMY

Victoria Bendersky1, Harold Leraas1, Megan Turner, MD1, Alice Wang, MD1, Nova Szoka, MD1, Keri A Seymour, DO1; ‘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, MD1, Whitney Lane, MD1, Daniel Gueron, MD1, Shaina Eckhouse, MD1, Chan Park, MD1, Ranjan Sudani, MD1, Jin Yoo, MD1, Dana Portenier, MD1, Keri Seymour, DO1; ‘West Virginia University, ‘Duke University, ‘Washington University

V211 LAPAROSCOPIC STRICTUROPLASTY FOR A SLEEVE STRicture

Lisa Yang, MD, John J Kelly, MD, FACS, Pei-Wen Lim, MD; University of Massachusetts

V212 ROBOTIC-ASSISTED GASTRIC BAND REMOVAL OF A COMPLETE BAND EROSION

Mario Masrur, MD, Pablo Quadri, MD, Luis Fernandez Gonzalez-Ciccarelli, MD, Lisa Sanchez-Johnson, 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 L. 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 LYMPHOVASCULAR PEDICLE HARVESTING FOR THE TREATMENT OF EXTREMITY LYMPHEDEMA: A NOVEL TECHNIQUE

Michael E Johnston, MS, Juan Socos, MD, JoAnne L Hunter, MD, Eugene Ceppa, MD; Indiana University School of Medicine

V216 LAPAROSCOPIC D3 SEGMENTAL RESECTION WITH DUODENOLEJUNAL ANASTOMOSIS

P Senthilnathan, 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 SCENARIOS

Andrew Brown, MD, Talar Tatarian, MD, Adam P Johnson, MD, Michael J Pucci, MD, Francesco Palazzo, 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 K Kohari; Grant government medical college & Sir J.J. group of Hospitals, Mumbai, India
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P001 ROBOTIC-ASSISTED ABDOMINAL WALL HERNIA REPAIR DOES NOT DECREASE PERI-OPEPATIENT PAIN WHEN COMPARED TO LAPAROSCOPIC REPAIR Maureen D Moore, MD; Katherine D Gray, MD; Suraj Panjwani, MBBS; Aaron Burshtein, Joshua Burshtein, Thomas J Fahey III, Gregory Dakin, MD; Alfons Pomp, MD; Cheguevara Afaneh, MD; Rasa Zarmegar, MD; New York Presbyterian Hospital-Weill Cornell Medical Center

P002 PRELIMINARY RESULTS OF A SINGLE-BLINDED, PROSPECTIVE RANDOMIZED CONTROLLED TRIAL COMPAIRNG NON-FIXATING VS. SELF-FIXATING MESH FOR LAPAROSCOPIC INGUINAL HERNIA REPAIR Brandon Johnson, BA; Michelle Beaung, LS; Kristine Kuchta, MS; Eliza Conaty, BS; Michael Ujiki, 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 COLEOTOMY 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 MORTALITY FOLLOWING TRANSAURAL TOTAL MESHRECTAL EXCISION FOR RECTAL CANCER F. Borja DeLacy, MD; Jacqueline van Laarhoven, MD; Romina Pena, MD; Maria Clara Arroyave, MD; Maria Fernandez-Hevia, MD; Raquel Bravo, MD; Antonio M. Lacy, M.D, PhD; Hospital Clinic, Barcelona; Jeroen Bosch Ziekenhuis; Clinica Somer

P005 CONCORDANCE BETWEEN CROWD WORKERS AND FACULTY EXPERTS IN ASSESSMENT OF THE CRITICAL VIEW OF SAFETY IN LAPAROSCOPIC CHOLOCYSTECTOMY USING CROWD-SOURCED ASSESSMENT OF TECHNICAL SKILLS Stanley B Deal, MD; Dimitrios Stefanidis, MD, PhD, FACS, FASMSB; Robert D Fanelli, MD, MHA, FACS, FASGE; Marianne P McDonald, MD, FACS, FASCRS; Dana Telem, MD, MPH; Michael Ujiki, MD; L. Michael Brun, MD, Adnar 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 Saeder, 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; Hisashi Hara, MD, Miro Pevv, MD, Jeffrey Milsonm, MD, FACS; Weil 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; Section of Surgical 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 Richardon; University of Queensland-Ochsner Clinical School; Ochsner Clinical Foundation

P010 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS IN VETERANS WITH BARRETTE’S 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 Ujiki, MD; NorthShore University HealthSystem

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 Guhmahusein, MD; Jie Yang, PhD; Andrew Bates, MD, Nabeel Obeid, MD, Jihye 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 Khorpgami, Carmen Ruiz, C. Anthony Howard, MD, Guido M Scabalas, 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; Madhuri 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; Emeline Liu, MSHS; Liheng Shi, PhD; Daniel Marcus, MD; Intuitive Surgical, Tulane University, Marina Del Rey / Cedars Sinai Medical Center
Military Posters

**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
P020 CLINICAL AND ECONOMIC VALUES OF OUTPATIENT MIGRATION OF ELECTIVE VENTRAL HERNIAL REPAIR AMONG OBSESE PATIENTS
Chao Song, MPH,1 Emeline Liu, MS,2,3,4 Liheng Shi, PhD,1 Daniel Marcus, MD,1 1Intuitive Surgical,1 Tulane University,1 Marina 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, MS2; Nabeel Ibrahim, FRACS, FACS2;3 Macquarie University Hospital, Sydney, Australia, 3Hernia Institute Australia, Edgecliff, Australia

P022 IS LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL HERNIA REPAIR (TAPP) MORE INVASIVE THAN ANTERIOR OPEN APPROACH? Takaaki Tsushima, Kazuhiro Oka; Yamaguchi-ken Saiseikai Shimonoseki General Hospital

P023 ACUTE POSTOPERATIVE STRANGLATED VENTRAL HERNIAL AFTER A VIDEO ASSISTED LOBECTOMY1 Alexander Ramirez, MD, FACS1; Emanuele Lo Menzo, MD, PhD, FACS, FASMBS1; Tallahassee Memorial Hospital / Florida State University, 1Tallahassee 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, Munier Nazzal, MD; University of Toledo

P026 OUR EXPERIENCE WITH LAPAROSCOPIC REPAIR OF GROIN HERNIA IN FEMALES IN AN ASIAN COHORT. Hrishikesh P Salgaonkar, Dr, Sujith Wijerathne, Eva Clara S Lourdes, Jerry Goo T Thye, Cheah W Keat, Prof, Davide Lomanto, Prof; NATIONAL UNIVERSITY HOSPITAL SINGAPORE

P027 MIDLINE VERSUS TRANSVERSE SPECIMEN EXTRACTION RESPONSE AFTER LAPAROSCOPIC TOTAL EXTRAPERITONEAL REPAIR (TEP) AND LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL (TAPP) REPAIR FOR INGUINAL HERNA 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

P028 CLINICAL AND ECONOMIC VALUES OF OUTPATIENT MIGRATION OF ELECTIVE VENTRAL HERNIAL REPAIR AMONG OBSESE PATIENTS Chao Song, MPH,1 Emeline Liu, MS,2,3,4 Liheng Shi, PhD,1 Daniel Marcus, MD,1 1Intuitive Surgical,1 Tulane University,1 Marina Del Rey / Cedars Sinai Medical Center

P029 SHORT-TERM OUTCOMES OF OPEN AND ROBOTIC ABDOMINAL WALL RECONSTRUCTION USING BIOLOGICAL AND SYNTHETIC MESH Mohammad Saqib Siddiqui, MD1, Tim Tollens, MD1, Muna Baslaim, MD1, Bassam Altalhi, MD1,2; King Fahd Hospital Jeddah, Saudi Arabia, 1Imelda Hospital, Bonheiden, Belgium, 2King Fahd Armed Forces Hospital Jeddah, Saudi Arabia

P030 INCIDENCE OF VENTRAL HERNIA REPAIR FOLLOWING OPEN ABDOMINAL AORTIC ANEURYSM AND OPEN AORTO-FEMORAL OR Iliac BYPASS SURGERY: AN ANALYSIS OF 17,594 PATIENTS IN THE STATE OF NEW YORK Maria S Allen1, Jie Yang, PhD,1 Angelina Voronina, MS1, Tyler Jones, MS1, Andrew Bates, MD1, Mengru Zhang, MS1, Mark Talamini, MD1, Angela Kokkossi, MD1, Aurora Pryor, MD1,2 Stony Brook Medical Center, “New York Institute of Technology College of Osteopathic Medicine

P031 LAPAROSCOPIC INTRAPERITONEAL ONLAY MESH TECHNIQUE WITH ENDOSCOPIC COMPONENT SEPARATION METHOD. Takeshi Aoki, Tomoya Abe, Hirofumi Imoto, Hideaki Karasawa, Masaharu Ishida, Katsuyoshi 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 HERNIOLAPLASTY Kalseph Jani, MS, FNB; SIGMA

P033 TREATMENT OF TYPE III AND IV DIAPHRAGMATIC HERNA WITH NO MORTALITY AND LOW MORBIDITY USING A LAPAROSCOPIC APPROACH Yonghae Baik, MD, Matthew Mullen, MD, Hunter Mehaffey, Peter Hallowell, MD, Bruce Schirmer, MD; University of Virginia Health System

P034 DETECTION OF OCCULT HERNIA DURING LAPAROSCOPIC INGUINAL HERNA REPAIR: A PROSPECTIVE STUDY IN AN ASIAN COHORT. Hrishikesh P Salgaonkar, Dr, Sujith Wijerathne, Dr, Lynette Mee Ann Loo, Dr, Davide Lomanto, Prof; NATIONAL UNIVERSITY HOSPITAL SINGAPORE

P035 COMPLEX AND INFECTED VENTRAL HERNIA REPAIR USING P4 HB (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 HERNA Surgery Rodrigo Tomazini Martins1, John Read1, Christian Skulina1, Dominik Rowe1, Kristen Elstner4, Fernando Arduini1, Nabeel Ibrahim1,3 Macquarie University Hospital, Radiology department, Sydney, Australia, 3Macquarie University Hospital, Neurology department, Sydney, Australia, 3Macquaria University Centre, Edgecliff, Sydney, Australia, 3Macquarie University Hospital, Surgery department, Sydney, Australia

P037 REPAIR OF GIANT COMPLICATED VENTRAL HERNIA WITH COMPONENT SEPARATION TECHNIQUE IN CONJUNCTION WITH BIOLOGICAL AND SYNTHETIC MESH Mohammad Saqib Siddiqui, MD1, Tim Tollens, MD1, Muna Baslaim, MD1, Bassam Altalhi, MD1,2; King Fahd Hospital Jeddah, Saudi Arabia, 1Imelda Hospital, Bonheiden, Belgium, 2King Fahd Armed Forces Hospital Jeddah, Saudi Arabia

P038 HOW TO DISSECT THE PERITONEUM EASILY ABOUT LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL INGUINAL HERNA 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, Yoshimochi 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, PhD2, Omar Rodriguez-Acevedo, MBBS1, Nabeel Ibrahim, FRACS, FACS2,1 Hennia Institute Australia, Edgecliff, Australia, 1Macquarie University Hospital, Sydney, Australia

P040 LAPAROSCOPIC INGUINAL HERNA REPAIR IN THE ELDERLY: A SINGLE CENTRE INSTITUTIONAL EXPERIENCE IN AN ASIAN COHORT Hrishikesh P Salgaonkar, Sujith Wijerathne, 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 Lucía Hernani, MD, Pedro Henrique de Freitas Amoral, 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 HERNA. Norihito Wada, MD, PhD, FACS, Toshiharu Furukawa, MBA, MD, PhD, Yuku Kitagawa, MD, PhD, FACS; Keio University School of Medicine
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P043 COMPARISON OF LAPAROSCOPIC TOTAL EXTRA PERITONEAL (TEP) TECHNIQUES VERSUS TRANSABDOMINAL PREPERITONEAL (TAPP) TECHNIQUE FOR INGUINAL HERNIA REPAIR - Tarin Nawaz, MBBS, FCPs; Rawalpindi Medical College Rawalpindi Pakistan

P044 ENDOSCOPIC SINGLE PORT ANTERIOR COMPONENT SEPARATION FOR COMPLEX VENTRAL HERNIA REPAIR - Kristen E Elsner, MBBS, MS1, Omar Rodriguez-Acevedo, MBBS1, 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 TOTALY EXTRA-ABDOMINAL INGUINAL HERNIA REPAIR: OUR INITIAL 26 CASES - Masaki Wakisugi, Naoto Tsujimura, Yujiro 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 Campo1, Katherine Bingmer2, Andrei Manilchuk1; ‘The Ohio State University Wexner Medical Center, ‘Case 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, PhD1, Partha Bhurteil, MD2, Jigesh Shah, DO1; ‘Tufts University School of Medicine, Good Samaritan Medical Center, ‘Tufts University School of Medicine, Saint Elizabeth Medical Ceter

P048 ROBOTIC ASSISTED VENTRAL/UMBILICAL/INCISIONAL HERNIA REPAIR WITH MESH COMBINED WITH IMMEDIATE INTERVENTION AND REPAIR WITH MESH COMBINED WITH-IBC-RESORBABLE MESH - Rodolfo Olivo, MD, FACs, Jarrod Robertson; Florida State University College of Medicine

P049 VENTRAL HERNIA ASSOCIATED TO DIASTASIS RECTI: LAPAROSCOPIC APPROACH - Martin Galvarini, Maria Elena Peña, Jose Alvarez Gallesio, Francisco Schiottmann, Emmanuel Ezequiel Sadava; Hospital aleman de buenos aires

P050 TRANSABDOMINAL PREPERITONEAL (TAPP) INGUINAL HERNIA REPAIR USING A VERTICAL PERITONEAL FLAP - Hugo Bonatt1; University of Maryland Community Medical Group Surgical Care

P051 EFFECT OF DIFFERENT MEASURES OF ABDOMINAL WALL HERNIA DEFEKT SIZE ON MESH SELECTION - Deepa V Cheria, 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 INCARCERATED OBTURATOR HERNIA REPAIR - Yoshiyuki Kawakami, MD, PhD1, Hidenori Fujii, MD, PhD, Ryuehi Ohnishi, MD, MA, 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 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, Margaret A Pymale, 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 Elsner, MBBS, MS1, John W Read, FRANZCR2, Peter H Cosman, FRACS1, 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 OBLIQUE RELEASE AND RETRORECTUS HERNIA REPAIR IN COMPLEX ABDOMINAL WALL RECONSTRUCTION - David Foulad, MD, Brice Jabo, MD, MPH, 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; Koudjedi 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 - Kazuo Tanoue, MD, PhD, FACS, Hidenobu Okino, MD, PhD, Masamitsu Kanazawa, MD, PhD, Kiichiuro Ueno, MD, PhD; Ueno Hospital

P061 LAPAROSCOPIC SPPURATIVE APPENDECTOMY IN AMYAND’S HERNIA - Bachar Raad, MD, FACs, Eiras 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 Bhurteil, MD2, Georgios Orthopoulos, MD, PhD2, Jigesh Shah, DO1; ‘Tufts University School of Medicine, Good Samaritan Medical Center, ‘Tufts University School of Medicine, Saint Elizabeth Medical Ceter

P063 LAPAROSCOPIC PROCEDURES IN PATIENTS WITH CARDIAC VENTRICULAR ASSIST DEVICES - Yalini Vigneswaran, MD, Victoria Wang, Vivek Prachand, MD, John Alverdy, MD, Stephen Wyers, MD, Colleen Juricek, RN, Nir Uriel, MD, Mustafa Hussain, MD; University of Chicago

P064 MANAGEMENT OF CAUSTIC INJURIES - Mohamed Aboulkacem Bourquiba, MD, Faten Souali, MD, Alaeddine Khemir, Marwa Gharbi, Yassine Ben Safia, Sofiene Sayari, Mounir Ben Moussa; Charles Nicolle hospital tunis tunisia

P065 LAPAROSCOPIC COLONIC RESECTION AND STOMA FOR COLONIC PERFORATION - Seichiro Yamamoto, Toshio Kanai, Kikuo Yo, Tomotaka Akatsu, Kiminori Takano, Taku Fujii, Mai Tsutsui, Yosuke Kobayashi, Yasushi Kaneko, Ryo Kaneko; Hiratsuka City Hospital

P066 COMPARISON OF OUTCOMES OF INTERVAL AND EMERGENCY SURGICAL MANAGEMENT FOR APPENDICITIS WITH ABDOMINAL ABSCESS - Tadashi Hiruch, Natsuya Katada, Ryohi Watanabe, Asako Takahashi, Sayaka Nagao, Emiko Takeshita, 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 MORTALITY AND MORTALITY OF FEPTIC ULCUS PERFORATION (PUP): A RETROSPECTIVE STUDY - Mehmet Ilhan, Ervin Sonmez, Talip Baysal, Ali Fuat Kaan Gök, Hakan Yanar, Kayihan Günay; Department of Surgery, Tohoku university Ohashi Medical Center

P068 OUR FIRST 20 CASES OF GANGRENOUS LAPAROSCOPIC APPENDECTOMY IN MAURITIUS - Pravish Rai Sookha, MD, PhD, D Luchmun, MD, PhD; Clinique du Nord

P069 DELAYED PNEUMOTHORAX FOLLOWING LAPAROSCOPIC APPENDECTOMY - 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, Yurii Miyoshi, Yuichi Nishihara, Yoshihiko Kawaguchi, Jo Tokuyama, Koji Osumi, Hidejiro Urakami, Shiko Seki, Tetsu Matsui, Yo Isobe, Sumio Matsumoto. Tokyo Medical Center

P071 RISK FACTORS FOR INTRA-ABDOMINAL ABSCES FOLLOWING APPENDECTOMY Jonathan Irman, 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 ABSCES IN CHILDREN—ONE INSTITUTION’S EXPERIENCE Francine D Breckler, PharmD, Aaron D Seims, MD, Charles M Leys, MD, William Fadel, MS, Frederick J Rescorla, MD; 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

P075 DIAGNOSTIC AND PROGNOSTIC VALUE OF CIRCULATING TUMOR DNA IN GASTRIC CANCER: A META-ANALYSIS Yunhe Gao, Kecheng Zhang, Hongqing Xi, Aizhen Cai, Xiaosong Wu, Jianxin Cui, Jiyang Li, Zhi Qiao, Bo Wei, Lin Chen; Chinese People’s Liberation Army of General Hospital

P076 HYDROGELS AND FISTULAS: A PROMising LIASON P Riva, MD, G’ Alonci’, F Fiorini’, D Dallemagne, MD’, M Jarescaux, MD, FACS, Hon, FRCS, Hon, FJSES, Hon, APSA’, L De Cola, Prof’, S Perretta, MD, PhD’, 1Institute of Image-Guided Surgery (IHU Strasbourg), c/o IRCAD, Strasbourg (France), 2Institut de Science et d’Ingénierie Supramoléculaires, Université de Strasbourg, Strasbourg (France), 3IRCAD, Institut de Recherche contre les Cancers de l’Appareil Digestif, Strasbourg (France)

P077 THE SYSTEMIC EFFECT AND THE ABSORPTION RATE OF AEROSOLIZED INTRA-PERITONEAL HEPARIN WITH OR WITHOUT HYALURONIC ACID IN THE PREVENTION OF POSTOPERATIVE ABDOMINAL ADHESION Ahmed Almamari, MD, MSc, FRCSC, Nawar Alkhamesi, MD, PhD, FRCS, FRCSEd, FRCS, Christopher M Schlacht, BSc, MDCM, FRCS, FACS; Western University and Canadian Surgical Technologies and Advanced Robotics (CSTAR), London, Canada

P078 LONG NON-CODING RNA AFAP1-AS1 PROMOTES THE PROLIFERATION, MIGRATION AND INVASION OF GASTRIC CANCER CELLS AND IS ASSOCIATED WITH PATIENTS’ POOR SURVIVAL Huazhou Zhao, Ting Wang, Kecheng Zhang, Jianxin Cui, Hongqing Xi, Bo Wei, Yi Wang, Xudong Zhao, Yanjing Song, Lin Chen; Chinese People’s Liberation Army of General Hospital & Department of General Surgery, 309 Hospital of Chinese People’s Liberation Army of General Hospital, Beijing, China, Chinese People’s Liberation Army of General Hospital

P079 GRAM-NEGATIVE BACTERIAL INFECTION ENHANCES THE POTENTIAL OF GASTRIC ADENOCARCINOMA PERITONEAL METASTASIS VIA TNFR1 DEPENDENT MANNER Malak Alzahrani, MD, MSc, Rafael Kayano, Betty Gianni, 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, PhD, Harsha vardhan Appaji K, MD; Vasishta Martha, MBBS; ‘SV AYURVEDIC MEDICAL COLLEGE, ‘PES 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 Wittayaapirich, MD1; Sakkran Sangkhamanon, MD1; Narong Boonyagard, MD1, Rapheerat Tanomphetsanga, MD1, Kongpon Tangpanitanidee, MD1, Krit Kitisin, MD1, Suppa-ut Pungpapong, MD1, Chadin Tharavej, MD1, Patpong Navicharern, MD1, Suthep Udomsawangsup, MD1, 1Department 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, Aizhen Cai, Hongqing Xi, 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, Tuma Mukherjee, Pradeep K Pallati, MD, Poonam Sharma, MD, Devendra Agrawal, PhD, Kalyana C Nandipati, 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, MD, Lee Swanstrom, MD, Eran Shlomovitz, MD; University of Toronto Joint Department of Medical Imaging, 1. Institute of Image Guided Surgery, Strasbourg, France, 2. University 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 COLLAGE, ADDIS ABABA, ETHIOPIA Hana Gebreselassie, MD, Surgery Resident, Mahteme Bekele, MD, Assistant Professor of Surgery; St. Paul Hospital Millennium Medical Collage

P086 GALLSTONES AND RELUX DISEASE — MORE FREQUENTLY ASSOCIATED THAN WE THOUGHT? Seeyuen J Lee, MD, MPH, Ping Pan, MD, Philip 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 Suozu, BS, CCRP, Rebecca R Dettorre, MA, CCRC, Sara A Mansfield, MD, MS, Jeffrey W Hazey, 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 P Senthinathan, R Parthasarathi, S Rajapandian, Anand Vijay, V P Nalankilli, Sandeep Sainis, 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 ODDBY DYSFUNCTION David B May, DO, David M Parker, MD, Ellen D Vogels, DO, Daaron McField, MD, Anthony T Petrick, Jon Gabrielsen, MD, Ellen D Vogels, DO, Daaron McField, MD, Anthony T Petrick, Jon Gabrielsen, MD; Geisinger Medical Center

P090 WHEN TO OPERATE ON GALLBLADDER POLYPS IN CHINESE-PATIENTS FROM A TERTIARY CARE INSTITUTE Appaji K, MD

P091 CLIPLESS LAPAROSCOPIC CHOLECYSTECTOMY: USEFULNESS OF CLINCH KNOT Nobuhiro Itto, 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
P149 A CASE OF VIDEO-ASSISTED THORACOSCOPIC TRANSDIAPHRAGMATIC SURGERY WITH A PREOPERATIVE THREE-DIMENSIONAL COMPUTED TOMOGRAPHY VISUALIZATION SYSTEM FOR LUNG METASTASIS AND SUBPHRENIC DISSEMINATION OF RECTAL CARCINOMA. Kenji Iwazawa, MD, PhD, Naoki Okada, MD, Yuusuke Ishida, MD, Katsuhiko Tomofuji, MD, Takaaki Takebayashi, MD, Naoki Ishida, MD, Hajime Satoh MD, PhD, Yoshinori Imai, MD, PhD, Jota Watanabe, MD, PhD, Kenzo Okada, MD, PhD, Toshikiko Sakao, MD, PhD, Shin-Ikejiku Kijimawara, MD, PhD; Uwajima City Hospital

P150 SUCCESSFUL TREATMENT OF LAPAROSCOPIC LATERAL SEGMENTECTOMY FOR INTRA-HEPATIC PORT-SYSTEMIC SHUNT TRANSSECTION IN AN INFANTILE CASE. Satoshi Ieiri, MD, PhD, FACS, Kouji Yamada, Takafumi Kawano, MD, Shun Ohnishi, Waka Yamada, MD, Kazuhiro Nakame, Motoi Mukai, MD, PhD, Tatsuji Kaji, MD, PhD; Kagoshima University

P151 ROLE OF EMERGENCY ENDOSCOPIC DECOMPRESSION OF COLON IN A CASE OF COMPARTMENT SYNDROME OF LEFT LOWER LIMB SECONDARY TO SEVERE ACUTE PANCREATITIS. Amlan Banerjee, Rajeev Sathasivam, Prem V Thamb; university hospital of North Tees

P152 EOSINOPHILIC COLITIS, WHAT EFFECT THE EFFECT OF IMMUNE SYSTEM DEFICIENCY IN THE ETOLOGY? Sabahattin Destek, MD, Vahit Onur Gul, MD, Serkan Ahioğlu, MD, Bezmialem Foundation University School of Medicine Dragos Hospital General Surgery Department, Edremit State Hospital General Surgery, Edremit State Hospital

P153 GASTROINTESTINAL LIPOMAS: IS IT TRULY A BENIGN PROCESS? Yizhi Shan, MD, Megumi Asai, MD, Jaclyn Millici, MD, Daniel Ringold, MD, Steven Fassler, MD, Michael Nussbaum, MD, Orlando Kirton, MD, Thai Vu, MD; Abington Hospital Jefferson Health

P154 CMV CHOLANGITIS MIMICKING AS PERIAMPULLARY CARCINOMA. Prashanth Krishna, Pranumathukam Rajappaa, Vishwanath Pai, MS, FRCs, Jayanth Leo, MS; Sri Ramachandra University, Chennai, India

P155 CASE REPORT: IDIOPATHIC INTRA-ABDOMINAL ADHESIONS CAUSING GASTRIC OUTLET OBSTRUCTION. David M Yeardley, MD; Christiana Care Health System

P156 HYBRID MINILAPAROSCOPIC RESECTION OF GIANT TUMOR OF THE RIGHT OVARY WITH LEFT OOFOROPLASTY: CASE REPORT. Diego L Lima, MD, Gustavo L Carvalho, MD, PhD, Gustavo H Belarmino de Goes, G B Alves de Carvalho; University of Pernambuco

P157 BARIATRIC SURGERY NIGHTMARES. REVISIONAL SURGERY FOR EXTREME CASES. CASES REPORT IN COLOMBIA. Evelyn Dorado; FUNDACION VALLE DEL LILI

P158 SIGMOID VOLVULUS AND HYPOTHYROIDISM: AN OFTEN MISSED CORRELATION. Varad Meyers, DO, Nicholas Marin, DO, Steven Schulberg, DO, Esther Adler, MD, Galina Glinik, MD, Anthony Kopatsis, MD; NYU Lutheran Medical Center

P159 CHOLECYSTOCUTANEOUS FISTULA FOLLOWING HEPATIC ANGIOEMBOLIZATION FOR COMPLEX LIVER INJURIES: A CASE REPORT. Christopher F McNicoll, MD, MHP, MS’, Lindsay M Wenger, MD, Krystle R Tuano, MD’, Paul J Chestovich, MD’, Cory G Richardson, MD, Charles R St. Hill, MD, MSc, FACS’, Matthew S Johnson, MD, Nathan I Ozoiba, MD, FACS’; Department of Surgery, University of Nevada School of Medicine, ’Northwest Institute for Digestive Surgery, Post Falls, Idaho, ’Desert Surgical Associates, Las Vegas, Nevada, ’University Medical Center of Southern Nevada

P160 INTRALUMINAL MESH EROSION AS A COMPLICATION OF HERNIA REPAIR: A CASE SERIES. Hanhiee Chung, Roheena Panni, Nicholas Vryhof, Argavan Salles, Elisa Birnbaum, Jeffrey Blatnik; Washington University in St Louis

P161 LAPAROSCOPIC REMOVAL OF GASTRIC LIPOMA. Mustafa Kalfaoglu, MD, Tefvifk Eker, MD, Kaltım Arslan, Assist, Prof, MD; Famagusta State Hospital, ’Near East University Faculty of Medicine

P162 INTERNAL HERNIA THROUGH THE FORAMEN OF WINSLOW: IS LAPAROSCOPY THE NEW STANDARD FOR MANAGEMENT? A CASE REPORT. Sepehr Lalezari, MD, Scott C Hobler, MD, Amir Arayaie, MD, Johns Hopkins Medicine, The Jewish Hospital, Cincinnati, ’Texas Tech University Health Sciences Center

P163 MELANOSIS COLI IN IRREVERSIBLE COLON SYNDROME PATIENTS WHO IS NOT USING LAXATIVES. Sabahattin Destek, MD, Vahit Onur Gul, MD, Serkan Ahioğlu, MD, Bezmialem Foundation University School of Medicine Dragos Hospital General Surgery Department, Edremit State Hospital General Surgery, Edremit State Hospital

P164 CHRONIC APPENDICTIS TREATED BY LAPAROSCOPY: CASE REPORT Diegelo L Lima, MD, Gustavo L Carvalho, MD, PhD, Gustavo H Belarmino de Goes, Eduardo M Quintas Calheiros, Gustavo B Alves de Carvalho; University of Pernambuco

P165 LAPAROSCOPIC RETRIEVAL OF AN IMPACTED CAPSULE FOLLOWING A CAPSULE ENDOSCOPIC STUDY. Srikanth Parsi, MD, Noone Robert, MD; Lankenau Medical Center

P166 CAPSULE ENDOSCOPY RETAINED IN SMALL INTESTINE. Sergio Rojas-Ortego, MD, Eminia Pasic, MD, Rachid Cesin, MD, Anuar Flores-simon, MD, Gerardo Reed, MD; HOSPITAL ANGELES PUEBLA

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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

P169 WONDERING SPLEEN: A REPORT OF TWO CASES, ONE COMPLICATED BY ACUTE TORSION. Hamdy S Abd Alla, Mohammad H Abo-Rayy, PhD, Sherief A Saber, MD, Ahmad A Alshoora, MD, Sherief Algarf, MSc, Oussama H Elkhadrawy, PhD, Gamal I Moussa, PhD; Faculty of medicine, Tanta university Hospital

P170 SURGICAL TECHNIQUE OF A “HYBRID APPROACH” TO LAPAROSCOPIC DECAPSULATION COMBINED WITH SPLENIC ARTERY BALLOON OCCLUSION FOR A SPLENIC CYST. Sri Maeda, MD, Keiichi Okano, MD, Hiroinobu Suto, MD, Isuuke Asano, MD, Minoru Oshima, MD, Takayoshi Kishino, MD, Masao Fujwara, MD, Naoki Yamamoto, MD, Yasuyuki Suzuki, MD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University, Department of Gastroenterological Surgery, Federation of Public Services and Affiliated Personnel Aid Associations, Takamatsu Hospital

P171 ACUTE GI BLEED AND SMALL BOWEL OBSTRUCTION FOLLOWING A ROUX EN Y GASTRIC BYPASS: A CASE REPORT. John Bauman, MD, Adam Reid, MD; SIU School of Medicine

P172 BARIATRIC SURGERY IN PATIENTS WITH KIDNEY FAILURE: A CASE REPORT. John Bauman, MD, Adam Reid, MD; SIU School of Medicine

P173 HYFIAL HERNIA AFTER TRANSHEMISTAL ESOPHAGECTOMY RESULTING IN MECHANICAL SMALL BOWEL OBSTRUCTION: CONSERVATIVE MANAGEMENT AS A VIABLE OPTION. Sepehr Lalezari, MD, Courtney Hanak, MD, Thomas L Husted, MD; Johns Hopkins Medicine, The Jewish Hospital, Cincinnati, ’The Christ Hospital

P174 GIANT NONPARASITIC SPEEEN CYST IN A PEDIATRIC PATIENT TREATED BY MINILAPAROSCOPY: CASE REPORT. Diego L Lima, MD, Gustavo L Carvalho, MD, PhD, Federico W Silva, MD, Gustavo H de Goes, Bruna P da Silva; University of Pernambuco

P175 CASE REPORT OF SURGICAL LAPAROSCOPIC TREATMENT FOR MEDIAN ARCULATE LIGAMENT SYNDROME. Mohammad Nadeem, MBBS, John L Butsch, MD, Steven D Schwartzberg, MD; ’University at Buffalo, ’Buffalo General Medical Center

P177 EUULGYEMIC DIABETIC KETOACIDOSIS IN BARIATRIC SURGERY PATIENTS TAKING CANAGLIFLOZIN. C J Van Niekerk, MD, JD Wallace, MD, C Takata, MD, R C Yu, MD; Scripps Green Hospital

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P178 Eosinophilic Proctitis and Treatment in Adults
Sabahattin Destek, MD, Vahit Onur Gul, MD, Serkan Ahioglu, MD
Bezmialem Foundation University School of Medicine, Dragos Hospital, General Surgery Department, Edremit State Hospital

P179 Quality of Life After Skin-Tissue-Saving Excision with Electrosurgical Peeling (Stap) Surgery for Inguinal and Genital Hidradenitis Suppurativa
Hany Nada, Ahmed Hammad, Mr., Edward Westcott, Mrr

1 NHS Lanarkshire, 2 'Guy's ans St Thomas' NHS Trust

P180 Assessment of Anastomosis Following Transanal Total Mesorectal Excision for Rectal Cancer
Shinichiro Mori, MD, PhD, Yoshiaki Kita, MD, PhD, Kenji Baba, MD, PhD, Masayuki Yanagi, MD, Kan Tanabe, MD, Yasuto Uchikado, MD, PhD, Hiroshi Kurahara, MD, PhD, Takaaki Ariyami, MD, PhD, Yoshikazu Uenosono, MD, PhD, Yuko Matakì, 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 Graduate School of Medicine, Kagoshima University

P181 Evaluation of a Critical Pathway Application to Improve Colorectal Cancer Outcomes: A Propensity Scoring Matching Analysis
Hyun Woo Bae, Jeonghee Han, Byung Soh Min; Department of Surgery, Severance Hospital, Yonsei University College of Medicine

P182 Temporary Ileostomy with Laparoscopic Low Anterior Resection in Rectal Cancer Patients
Hiroki Shimizu, Shigeki Yamaguchi, Toshimasa Ishii, Jo Tashiro, Hiroko Kondo, Kyoka Hara, Kenichi Takemoto, Asami Suzuki, Kojun Okamoto, Shinichi Sakuramoto, Isamu Koyama; Saitama Medical University, International Medical Center, Division of Colorectal Surgery, Saitama Medical University, International Medical Center, Division of Gastroenterological Surgery

P183 Wound Infection and Surgical Site Infection in Laparoscopic Colorectal Surgery Can Be Minimized
Henry P. Schoonvoung, MD, Andrew R Helber, AB, Barath Krishnan, MD, Gerald J Marks, MD, John H Marks, MD; Lankenau Medical Center, Marks Colorectal Surgical Associates, Lankenau Medical Center

P184 The Cost-Effectiveness of Laparoscopic Colorectal Surgery

Scott W Rieder, MD, MPH, CM Schlacht, MD, FRCSC; The University of Western Ontario

P185 Laparoscopic Right Colectomy: Intracorporeal Anastomosis Versus Extracorporeal Anastomosis Versus Extracorporeal
Lucas Gerbasi, Rodrigo Pinto, Mariane Camargo, Anna Carolina Dantas, Cintia Kimura, Diego Soares, Fabio Campos, Sergio Nahas, Ivan Cecconello; HCFMUSP

P186 Our Patients with Colorectal Poly and Their Features. The Importance of Endoscopic Screening.
Sabahattin Destek, MD, Vahit Onur Gul, MD, Serkan Ahioglu, MD
Bezmialem Foundation University School of Medicine Dragos Hospital General Surgery Department, Edremit State Hospital

P187 Identification of Patient Subgroups Associated with Unfavorable Long-Term Outcome in the Laparoscopic Surgery for Colon Cancer Compared with Open Surgery: Subanalysis of a RCT Comparing Open and Laparoscopic Surgery for Colon Cancer (JCOG0404)
Shuji Saito, MD, PhD, Masafumi Inomata, MD, Hiroshi Katayama, MD, Masashi Watanabe, MD, Tomonori Akagi, MD, Kentaro Nakajima, MD, Seiichiro Yamamoto, MD, Eiichi Aki, MD, Yusuke Kinugasa, MD, Shoichi Fuji, MD, Fumio Konishi, MD, Yohshiisa Saidai, MD, Masahiko Watanabe, MD, Yasuhiro Shimada, MD, Yoshihiro Moriya, MD, Seigo Kitano, MD; Division of Colon and Rectal Surgery, Shizuoka Cancer Center Hospital, Department of Gastroenterological and Pediatric Surgery, Oita University Faculty of Medicine, JCOG Data Center/Operations Office, National Cancer Center, Division of Colorectal Surgery, National Cancer Center Hospital, Division of Colorectal Surgery, National Cancer Center Hospital East, Department of Surgery, Gastroenterological Centre, Yokohama City University, Department of Surgery, Jichi Medical University Saitama Medical Center, Departments of Surgery, Toho University Ohashi Medical Center, Department of Surgery, Kitasato University Hospital, Gastrointestinal Oncology Division, National Cancer Center Hospital

P188 Oncological Outcome of 90 Patients after Transanal Totalmesorectal Excision for Rectal Cancer: Short Term Follow-up
Jacqueline van Laarhoven, MD, PhD, Borja DeLacy, MD, Romina Pena, MD, Maria Arroyave, MD, Maria Fernandez-Hervia, MD, Gabriel Diaz del Gobbo, MD, Antonio Lacy, MD, Professor; Jeroen Bosch Ziekenhuis, 'Hospital Clinic Barcelona, 'Clinica SOMER

P190 The Ingrenuity for Convincing Lymph Node Dissection Around Inferior Mesenteric Artery for Advanced Left-Sided Colon Cancer
Hidekazu Takahashi, MD, Ichiro Takemasa, MD, Naotsugu Haraguchi, MD, Junichi Nishimura, MD, Taishi Hata, MD, Hirofumi Yamamoto, MD, Chu Matsuda, MD, Tsunekazu Mizushima, MD, Yuichiro Doki, MD, Masaki Mori, MD, Osaka University, Gastroenterological Surgery, Sapporo Medical University, Surgery, Oncology and Science

P191 Long-Term Outcomes of Laparoscopic Versus Open Surgery for Primary Tumor Resection in Patients with Stage 4 Colorectal Cancer
Shingo Ito, Tetsu Fukunaga, Yoshiaki Kajiyama, Seji Kawasaki, Yutaka Kojima, Michiotsoshi Goto, Yuichi Tomoki, Kazuhiro Sakamoto; Department of Coloproctological Surgery, Faculty of Medicine, Juntendo University, Gastroenterological Surgery

P192 Colorectal Cancer Screening from a Large Single Center of Thailand
Nuttaporn Somsri, MD, Siripong Sirikumpiboon, MD, Rajavithi Hospital

P193 Outcomes of Laparoscopic Lateral Pelvic Lymph Node Dissection Following Total Mesorectal Excision for Lower Rectal Cancer
Hajime Morishahi, Yoshiyuki Sakamoto, Takano Kuki, Hiroshi Ogasawara, Tetsuya Yoshida, Tetsuya Hasebe, Yutaka Matsuishi, Kentaro Satô, Takafumi Yachi, Takuya Miura, Kenichi Nakamachi, Gastroenterological Surgery, Hiro Ra University Japan

P194 Comparative Study of Rectovaginal Fistula Versus Conventional Anastomotic Leakage After Laparoscopic or Robotic Low Anterior Resection for Rectal Cancer: Optimal Strategies in Single-Institute Experience
Hee Jae Lee, MD, Gyu-Seog Choi, MD, Dun Seok Park, MD, Soo Yeun Park, MD, Hye Jin Kim, MD; Kyungpook National University Medical Center

P195 Three-Dimension (3D) Laparoscope Reduced Operative Time for Sigmoid Colon Cancer Compared with Two-Dimension (2D) Laparoscope
Sumio Matsumoto, Takashi Ohishi, PhD, Yoshi Oikawa, Dr, Hiroshi Kikuchi, Dr, Yoh Isobe, PhD; Tokyo Medical Center, Kawasaki Municipal Hospital

P196 Five Cases of Laparoscopic Surgery for Mucocele of the Appendix
Tomoko Horie, MD, Yu Sato, MD, PhD, Yasutaka Shuno, MD, PhD, Yoshimasa Gohda, MD, Hideaki Yano, MD, PhD; National Center for Global Health and Medicine
P220 30-DAY SURGICAL OUTCOMES IN LAPAROSCOPIC VERSUS OPEN COLORECTAL SURGERY BETWEEN 2005-2014 USING THE ACS-NSQIP DATABASE

Catherine M Hamiltonson Davis, MD; Beverly A Shirkey, PhD; Linda W Moore, MS, RDN, LD, CCRN; H. Randolph Bailey, MD; Brian J Dunkin, MD; Marianne V Cusick, MD, MPH; *Houston Methodist Hospital, †University of Oxford

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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 WEBC AND TUBULAR DILAPATION: A RARE COMBINED ANOMALY AND REVIEW OF THE LITERATURE

Onur Bayram, MD; Orhan Agcaooglou, MD, Derya S Uymaz, MD, Cagri Biligic, MD, Irem Bayram, MD, Gulcin Yegen, MD, Emre Balik, MD, Dursun Bugra, MD; †Koc University, School of Medicine, Department of General Surgery, ‡Liv Hospital, Department of Radiology, †stanbul University, †stanbul School of Medicine, Department of Pathology

P225 HOW ACCURATE IS PREOPERATIVE COLONOSCOPY INCIDENCE OF INCISIONAL HERNIA IN THE SPECIMEN EXTRACTION SITE FOR LAPAROSCOPIC COLORECTAL SURGERY?

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.

Mohammad Taqi Pirzada, Irfan Ul Islam Nasir, Muhammad Fahd Shah, Awais Amjad Malik, Abdul Wahid Anwer, Shahid Khattak, Aamir Ali Syed; Shaukat Khanum Memorial Cancer Hospital and Research Center

P227 INCIDENCE OF INCISIONAL HERNIA IN THE SPECIMEN EXTRACTION SITE FOR LAPAROSCOPIC COLORECTAL SURGERY: SYSTEMATIC REVIEW AND META-ANALYSIS

Maria Abou-Khalil, MD, Rowaa N Ibrahim, MD, Ido Mizrahi, MD, Giovanna DaSilva, MD, Steven D Wexner, MD; Cleveland Clinic Florida, Weston, FL

P228 LAPAROSCOPIC VERSUS ROBOTIC-ASSISTED SIGMID 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 INTERSPHINETERIC RESECTION FOR VERY LOW RECTAL CANCER NEAR THE ANUS

Masaaki Itou, Yuji Nishizawa, Takeshi Sasaki, Yuichiro Tsukuda; National Cancer Center Hospital East

P230 COMPARATIVE STUDY BETWEEN LAPAROSCOPIC SUTURE TRECTOPEXY AND LAPAROSCOPIC MESH TRECTOPEXY IN TERMS OF IMPROVEMENT IN CONSTIPATION AND RECURRENCE

Ajay H Bhandarwar, MS, Priyank D Kothari, Amol N Wagh, MS, Saurabh S Gandhi, MS, Chintant B Patel, MS, Ehm L Arora; Grant medical college Mumbai

P231 MEAN PLATELET VOLUME (MPV) AS A PREDICTOR OF VENOUS THROMBOEMBOLISM (VTE) IN COLORECTAL CANCER.

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P232 CANCER RECURRENCE AFTER LAPAROSCOPIC LOW ANTERIOR RESECTION AND INTER SPHINETER RESECTION FOR STAGE I

Kazuyasu Kobayashi, MD, Shigeki Yamaguchi, Hiroshi Kusumoto, Hiroshi Kusumoto, Katsuhiko Matsumoto; †Nagoya University Hospital

P233 CANCER SURVIVAL AND MATERNAL OUTCOMES OF DEEP VEIN THROMBOSIS IN PATIENTS WITH COLON CANCER


P234 DOUBLE INVERTEBRAL ARTERY RE主动 RESECTION FOR COLORECTAL CANCER: A PROSPECTIVE OBSERVATIONAL MULTICENTER STUDY

Koji Ikeda, Yuji Nishizawa, Ichiro Takemasa, Shuji Kitashiro, Atsushi Nishimura, Yoshinori Sakai, Junji Okuda, Shintaro Akamoto, Yûsuke Kinogasa, Tsubekuno Hanai, Shini Ohki, Masaaki Ito; †Department of Surgery, Osaka University, ‡Department of Surgery, Sapporo Otan Hospital KKR Medical Center, ‡Department of Surgery, Institute of Gastroenterology, Nagaoka Chuo General Hospital, †Department of Surgery, Graduate School of Medicine, Kyoto University, ‡Department of General and Gastroenterological Surgery, Cancer Center, Osaka Medical College, †Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University, ‡Divisions of Colon and Rectal Surgery, Shizuoka Cancer Center Hospital, ‡Gastrointestinal Surgery, Department of Surgery, Fujita Health University School of Medicine, ‡Department of Organ Regulatory Surgery, Fukushima Medical University, •Division of Surgical Oncology, National Cancer Center Hospital East

P235 SINGLE-INCISION LAPAROSCOPIC COMPLETION PROCTECTOMY WITH ILEAL J POUCH-ANAL ANASTOMOSIS FOR ULCERATIVE COLITIS

Rodrigo Pedraza, MD; Sergio Ibarra, MD, Alberto Gonzalez-Almada, MD, Eric M Haas, MD, FACS, FASCRS; †Department of Surgery, Houston Methodist Hospital, ‡Colorectal Surgical Associates, †Chair, 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, Akihiro Tsuchida; Tokyo Medical University

P238 PREDICTING OPPORTUNITIES TO INCREASE UTILIZATION OF LAPAROSCOPY FOR RECTAL CANCER

Deborah S Keller, MS, MD, Anthony J Senagore, MS, MD, MBA; †Baylor University Medical Center, ‡University 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 Ikeda, Yuji Nishizawa, Ichiro Takemasa, Shuji Kitashiro, Atsushi Nishimura, Yoshinori Sakai, Junji Okuda, Shintaro Akamoto, Yûsuke Kinogasa, Tsubekuno Hanai, Shini Ohki, Masaaki Ito; †Department of Surgery, Osaka University, ‡Department of Surgery, Sapporo Otan Hospital KKR Medical Center, ‡Department of Surgery, Institute of Gastroenterology, Nagaoka Chuo General Hospital, †Department of Surgery, Graduate School of Medicine, Kyoto University, ‡Department of General and Gastroenterological Surgery, Cancer Center, Osaka Medical College, †Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University, ‡Divisions of Colon and Rectal Surgery, Shizuoka Cancer Center Hospital, ‡Gastrointestinal Surgery, Department of Surgery, Fujita Health University School of Medicine, ‡Department of Organ Regulatory Surgery, Fukushima Medical University, •Division of Surgical Oncology, National Cancer Center Hospital East

P240 IS LOCAL RECURRENCE INCREASED AFTER LAPAROSCOPIC LOWER RECTAL CANCER RESECTION?

Shigeki Yamauchi, MD, Toshimasa Ishii, MD, Jo Tashiro, MD, Hiroko Kondo, MD, Kyoko Haru, MD, Asami Suzuki, MD, Hiroki Shimuzu, MD, Kenichi Takemoto, MD, Shinichi 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 Dillard, DO, Shaun Brown, DO, Paul Sanders, MD, Eric Ahnfelt, DO; William Beaumont Army Medical Center

P242 LAPAROSCOPIC VS OPEN RESECTION FOR RECTAL CANCER. A LOWER MIDDLE INCOME COUNTRY EXPERIENCE.

Awais A Malik, FCPS, Namra Urooj, Hashim Hssnain, Irfan-ul-Islam Nasir, Muhammad Ijaz, Shahid Khattak, Aamir A Syed; Shaukat Khanum Memorial Cancer Hospital & Research Center

P243 LOWER GASTROINTESTINAL DISEASE THAT IS ASSOCIATED WITH COLORECTAL POLyps IN PATIENTS WITH LOWER GASTROINTESTINAL ENDOSCOPY

Sabahat Srest Dske, MD; Vahit Onur Gul, MD, Serkan Ahlioglu, MD, †Bezmialem Foundation University School of Medicine Drags Hospital General Surgery Department, †Edremit State Hospital General Surgery, †Edremit State Hospital

P244 EVALUATION FOR STOMA OBSTRUCTION AFTER DEFUNCTIONING ILEOSTOMY AND SKIN EXTENSION BY PNEUMOPERITONEUM

Shintaro Akamoto, Yûma Fukumoto, Yûsuke Konishi, Kazuhiko Nakagawa; Tetsujı Fukushima, Kazuyasu Kobayashi, Yoshitoki Hanaoka, Yasuyuki Suzuki; †Sumitomo Besshi Hospital, ‡Kagawa University
P245 SINGLE INCISION VERSUS CONVENTIONAL LAPAROSCOPIC APPENDECTOMY: A PROPENSITY-SCORE-MATCHED ANALYSIS OF 116 CASES Shintam Kohama, Masaki Fukunaga, Tetsu Fukunaga, Kunihiko Nagakari, Yoshiito Iida, Seiichiro Yoshikawa, Masakazu Ouchi, Goutaro Katsumo, Satoshi Kanda, Yuji Ishibashi, Yoshinori Hirasaki, Daisuke Azuma, Yoshinori Kohira, Jun Nomoto; Department of Surgery, Juntendo Urayasu Hospital

P246 HALF CIRCUMFERENTIAL STAPLER HEMORRHOIDOPEXY IN GRADE 4 GANGRENOUS HEMORRHOIDS WITH MAGGOTS Java Mahershawi, M. S; jyoti hospital

P247 LAPAROSCOPIC REVERSAL OF HARTMANN'S PROCEDURE FOLLOWING AN OPEN EMERGENT RESECTION Sergio H Ibarra, MD1, Alberto Gonzalez-Almada, MD1, Rodrigo Pedraza, MD2, Jean-Paul LeFave, MD1, Saeed Shoar, MD1, Eric M Haas, MD1; 1Division of Minimally Invasive Colon and Rectal Surgery, Department of Surgery, University of Texas Medical School, Houston, TX, USA, 2Houston Methodist Hospital, Houston, Texas, 3Colorectal Surgical Associates, Houston, Texas

P248 THE BENEFITS OF MINIMALLY INVASIVE SURGERY FOR COLORECTAL CANCER Ichiro Takemasa, MD, Tomohisa Furuhata, MD, Kenji Okita, MD, Toshihiko Nishidate, MD, Tomomi Ueki, MD, Emi Akizuki, MD, Keiji Matsuda, MD, Yojiro Hashiguchi, FWACS, FMAS, DMASInd, Norihiro Takiguchi, Yoshihiro Nabeya, Wataru Takayama, Atsushi Ikeda, Hiroaki Soda, Satoshi Chiba, Isamu Hoshino, Hidehito Aritmsu, Hiroo Yanagibashi, Tomofumi Chibana, Yusuke Hanzawa, Matsuos Nagata, Sergio H Ibarra, MD, Cesar Decanini Teran, MD, Raquel Mota, MD, Alberto Gonzalez-Almada, MD, Rafael Torres Peña, MD, MD, Jorge Gerardo Pereira, MD, Francisco Llorente Llano, MD, Juan Bautista Olivé González, MD, National Center for Minimally Invasive Surgery Havana. Cuba

P249 ASSOCIATION OF PRE-OPERATIVE LEVEL OF HEMOGLOBIN A1C WITH POST-OPERATIVE INFECTIONS AMONG NON-DIABETIC PATIENTS UNDERGOING COLORECTAL SURGERY Neeraj Karimian, MD1, Pepa Kaneva, PhD1, Nicolet Pecorelli, MD1, Carl W Ulysses, MD1, Stephan Robitaille, MD1, Julio F Fiore JR, PhD1, Francesco Carl1, MD2, Liane S Feldman, MD2; 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 Fukushima2, Ryu Shimada2, Koichi Okamoto2, Tamuro Hayama2, Takeshi Tsuchiya2, Keiijo Nozawa2, Keiji Matsuda2, Yojiro Hashiguchi2; 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, MD, Alan A Reyes Cruz, MD, Martin Vega de J, MD, Jorge G Obregón M, MD, Fatima González JD; American British Cowdray Medical Center

P252 LAPAROSCOPIC ILEAL J-POUCH: A COMPARATIVE STUDY BETWEEN ULCERATIVE COLITIS AND FAMILIAR ADENOMATOUS POLYPOSIS Lucas Gerbasi, Rodrigo Pinto, Mariane Camargo, Cintia Kimura, Anna Carolina Dantas, Diego Soares, Fabio Campos, Sergio Nahas, Ivan Cecconello; HCFMUSP

P253 COLORECTAL NEOPLASMS IN A SUB-SAHARAN AFRICA POPULATION: A MULTICENTRE COLONOSCOPY STUDY. E Ray-Offor, FWACS, FMAS, DMSInd, C G B Gbaanador, FACS3, C C Obiorah, FMCS1, N J Jeбин, FWACS1; 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 TRANSCANAL TOTAL MLESORECTAL EXCISION FOR RECTAL CANCER: OUTCOMES OF OBESE IN COMPARISON WITH NON-OBESE PATIENTS E Boya DeLacy, MD1, Jacqueline van Laarhoven, MD1, Romina Pena, MD1, Maria Clara Arroyave, MD, Maria Fernandez-Hevia, MD, Dulce Mombllán, MD, Antonio M. Lacy, MD; 1Hospital Clinic de Barcelona, 2Jeroen Bosch Ziekenhuis, 3Clinica Somer

P255 LONG-TERM OUTCOMES WITH THE USE OF FIBER MONOTHERAPY FOR THE TREATMENT OF FECAL INCONTINENCE PATIENTS Rachel F Andrew, MD, 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, PhD, Atsuko Kataoka, MD, Rie Matsunaga, MD, Tomoko Horie, MD, Yoshimasa Gohda, MD, Yasutaka Shuno, MD, PhD, 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 Karakas, Erçin Sönmez, Hakan Yanar, Kayihan Günay, Recep Güloğlu, Cemalettin Ertekin; Department of General Surgery, Istanbul University Istanbul Medical Faculty

P258 INTRANARCORPOREAL FREE CANCER CELLS DURING LAPAROSCOPIC COLORECTAL RESECTION DETECTED VIA QUANTITATIVE REVERSE TRANSCRIPTION-POLYMERASE CHAIN REACTION Masayasu Hara1, Nanako Ando1, Kazaushishi Shiga1, Takeshi Yanagita1, Hayao Nakanishi1, Hiroki Takahashi1, Hiromitsu Takeyama1; 1Nagoya City University, Aichi Cancer Center Aichi Hospital

P259 LAPAROSCOPIC SURGERY AND TRANSANAL ENDOSCOPIC 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 Olivé 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 Aritmsu, Hiroo Yanagibashi, Tomofumi Chibana, Yusuke Hanzawa, Matsuos Nagata, Chiba Cancer Center

P261 THE TRENDS 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 Pannu2, Danaradja Arumugam3, Shahab Hajiabandeh4, Shahin Hajiabandeh5; 1The Central Manchester University Hospitals, Manchester, UK, 2The Royal Oldham Hospital, Manchester, UK, 3The Royal Blackburn Hospital, Blackburn, UK

P263 TRANSCANAL TOTAL MLESORECTAL EXCISION FOR RECTAL CANCER: ASSESSMENT WITH INDOCYANINE GREEN Beatriz Martin-Perez, MD, Ana Otero-Piñheiro, MD, Borja DeLacy-Oliver, MD, Romina Pena-Lopez, MD, 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 ULCERATIVE COLITIS Katherine Hrebinko, David Chessin, MD, Stephen Gorfine, MD, Joel Bauer, MD, Daniel Popowich, MD, Mount Sinai Hospital
P267 POLYPOID LESIONS IN THE UPPER GASTROINTESTINAL ENDOSCOPY WHO HAS COLORECTAL POLYPS PERFORMED SIMULTANEOUSLY Sabahattin Destek, MD, Vahit Onur Gul, MD, Serkan Ahioglu, MD; 1Bezmialem Foundation University Medical Faculty Hospital Dragos, 2Edremit State Hospital

P268 A COMPARATIVE STUDY ON THE OUTCOME OF SURGICAL PROCEDURE OF PARTIAL FISTULECTOMY WITH KSHARASRTA APPLICATION AND EXCLUSIVE KSHARASRTA APPLICATION IN HIGH ANAL FISTULA - A CLINICAL STUDY Martha M Bhaskar Rao, PhD, Chakradas S, MS, Vasishtha Martha, MBBS; 1TTDS S V Ayurvedic Medical College, 2Prameela Hospital, 3Pes 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, Oriie Suzuki, MD, Kentoro Shima, MD, PhD, Shinji Goto, MD, PhD, Michinaga Takahashi, MD, PhD, Masanori Morikawa, MD, PhD, Takeshi Naitoh, MD, PhD, FACS; Hiro Naito, MD, PhD, FACS; 1Department of Surgery, 2South Miyagi, 3Medical Center, 1Department of Surgery, Tokohu 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 Arigami, Yoshikazu Uenoosono, Yoko Matakai, Masahiko Sakoda, Akhiro Nakajo, Kosei 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 Detorre, Andrew Suzo, Jeffrey Hazey; 1The Ohio State University Wexner Medical Center, 2Oregon Health and Science University

P274 COACHING FOR SURGICAL SKILL DEVELOPMENT: STRESSFUL BUT EFFECTIVE Ibrahim I Jabbour, Dimitrios Stefanidis; 1Aimee K Gardner; 1Florida Atlantic University College of Medicine, 2Indiana University School of Medicine, 1University of Texas Southwestern Medical Center

P275 MATHEMATICAL ANALYSIS FOR HAND MOTION OF LAPAROSCOPIC SURGEON 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 SCOPE MOTION TRACKING AND ANALYSIS FOR TEACHING COMPLEX ENDOSCOPIC MANEUVERS K Siegersma, E Rozeboom, PhD, P Rivat, V Agnus, PhD, L Goffin, PhD, A van der Schot, B Dallemagne, MD, S Perretta, MD; 1Technical Medicine, University of Twente, Enschede, The Netherlands, 2Institute of Image Guided Surgery, Strasbourg, France, 3IRCAD, Strasbourg, 4InCube, University of Strasbourg, France

P277 “MAKE YOUR OWN LAPAROSCOPIC SIMULATOR” - RESULTS FROM A COMPETITION HELD FOR SURGICAL RESIDENTS IN A LIMITED RESOURCES COUNTRY. Aiwais A Malik, Rupayya Khan, Sumariya Saddique, Samiullah Bhatti, Huma S Khan, Kashif Malik, Saira Tayyab; 1Aiwais Malik; 2Mohammad Ayaz; 1Shaukat Khanum Memorial Cancer Hospital & Research Center, 3Services Institute of Medical Sciences

P279 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 Ellsmer, FRCSC, FACS; Dalhousie University

P280 SIMULATION TO AQUIRE EXPERIENCE IN A LOW VOLUME OF HEPATIC LAPAROSCOPIC SURGERYS CENTRES Ruben Avila, MD, Achurra Pablo, MD, Tejos Rodrigo, MD, Pacheco Sergio, MD, Erwin Buckel, MD, Rebolledo Rolando, PhD, Leon Felipe, MD, Juan Ramos, MD, Marcel Sanhueza, MD, Nicolas Jarufe, MD, 1Julian Varas, MD; 1Pontificia Universidad Católica de Chile, 2Hospital Dr Sotero del Rio

P281 ADVANCED LAPAROSCOPIC YET INSTITUTIONALLY LOW VOLUME OPERATIONS: IMPLEMENTING A LONGITUDINAL CURRICULUM TO ADDRESS THE CURRENT TRAINING GAP Benjamin R Veenstra, MD, Kristine U Makiewicz, MD, Kunal H Patel, MD, Jose M Velasco, MD, FACS; 1MetroHealth Medical Center, 2Rush University Medical Center

P282 OPERATIVE TIME AND MORTALITY RATE AS OUTCOME MEASURES FOR ASSESSMENT OF RESIDENTS’ OPERATIVE PERFORMANCE IN LIVE PORCINE MODEL Nisha Dhanabalamsy, MD, Obiyo Osuchukwu, MD, Julia Samame, 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 Goldblatt, 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; Montefiore Medical Center

P285 ADDING FUNDING TO THE FLS TASKS IMPROVES THE ACCURACY OF ASSESSING LAPAROSCOPIC SKILLS Yusuke Watanabe, MD, Yo Kurashima, MD, Elif Biligic, MSc; 1Saseem Poulod, MD, Tomoko Mizota, MD, Shinichiro Yokohama, MD, Toshiaki Shichinohe, MD, Satoshi Hing, MD; 1Department of Gastroenterological surgery II, Hokkaido University Graduate School of Medicine, 2Steinberg-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 Brander, DDS, MD, Hetal D Patel, MD, Stan C Hewlett, MD, Greg L Bearden, MD; 1Brookwood Baptist Health System, Department of Surgery, Birmingham, AL, 2University of Kentucky, Department of Surgery, Division of Cardiothoracic Surgery, Lexington, KY

P288 VALIDATION OF NEWLY DEVELOPED PHYSICAL LAPAROSCOPY SIMULATOR IN LAPAROSCOPIC INGUINAL HERNIA REPAIR Yuchi Nishihara, Takayuki Kondo, Yoshiki Kawaguchi, Jo Tokuyama, Koji Osumi, Hidejiro Urakami, Shiko Seki, Takashi Ohishi, Yoshi Isole; NHO Tokyo Medical Center

P289 CAN THE ENDOSCOPY TRAINING SYSTEM (ETS) BE USED AS A SCREENING TOOL TO PREDICT WHO WILL PASS THE FUNDAMENTALS OF ENDOSCOPIC SURGERY (FES) EXAMINATION? Aimee K Gardner, Aman B Ali; 1Matthew Ritter, Michael B Ujiki, Brian J Dunkin; 1University of Texas Southwestern Medical Center, 2Houston Methodist Hospital, 3Uniform Services University, Walter Reed National Military Medical Center, 4Northshore University Health System
P290 A FLEXIBLE ENDOSCOPIC TRAINER BASED ON ADAPTATION OF THE FLS BOX IS ABLE TO PREDICT NOVICE AND EXPERT PERFORMANCE ON THERAPEUTIC FLEXIBLE ENDOSCOPY TASKS
Andrea V Kwong, MASC; Oscar M Crespin, MD, Ilay Habaz; Pietro Riva, MD; Ethan Weiss, Silvana Perretta, MD, Lee L Swanstrom, MD, Allan Okraiene, MD, Eran Shlomovitz, MD; University Health Network, Toronto, Canada; IRCAD-IHU, Strasbourg, France, "The Oregon Clinic, Portland, United States

P291 FACEBOOK AS A PLATFORM FOR COACTIVE VICARIous LEARNING; ROBOTIC SURGERY COLLABORATION (RSC)
EXPERIENCE, Omar Y Kudsi, MD, MBA, FACS; Christopher G Myers, Amir A Ghafari, MD, MS, FACS, Eugene O Dickens, MD, FACS, Thomas J Swope, MD, FACS; Tufts University School of Medicine, Good Samaritan Medical Center, "Armstrong Institute for Patient Safety & Quality, Johns Hopkins University, "Institute of Health Care Policy & Innovation, University of Michigan Medical School, "Hilcrest Medical Center, "Merry Medical Center

P292 EFFECTS OF REGULAR REVIEW OF PERFORMANCE VIDEOS, WITH SIMULTANEOUSLY RECORDED ORAL FEEDBACK, VERSUS REGULAR PRACTISE ON LAPAROSCOPIC SUTURING SKILLS IN NOVICES: A RANDOMISED CONTROL TRIAL.
Chihonosu o Ogubuki, Alpa Morawala, Bijendra Patel; Barts Cancer Institute

P293 SINGLE-INCISION LAPAROSCOPIC APPENDECTOMY PERFORMED BY RESIDENTS IS SAFE AND FEASIBLE
Masaki Wakasugi, Naoto Tsujimura, Yuijiro Nakahara, Takashi Matsumoto, "Takashi Kataname, 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, Yusuke Watanabe, Yo Kurasima, MD, PhD, Saseen Poudel, MD, Yoshihiro Suzuki, MD, PhD, Yuichi Nishihara, MD, Tomoko Mizota, MD, Fumitaka Nakamura, MD, PhD, Toshiaki Shichinohe, MD, PhD, Satoshi Hirano, MD, PhD; Department of Gastroenterological surgery II, Hokkaido University Graduate School of Medicine, Department of Surgery, "Kakogawa City Kosei Hospital, Department of Surgery, Tokyo Metropolitan Medical Center, Department of Surgery, Teine 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, Samarth Durgam, MD, Raquel Gonzalez-Heredia, MD, PhD, Luis fernando Gonzalez-cicarelli, MD, Jayant Radhakrishnan, MD, FACS, Pier cristoforo Giulianotti; University of Illinois

P296 A NOVEL SCORING CALCULATOR SIMPLIFIES A MULTITUDE OF METRICS FOR IMPROVED EFFICIENCY IN SIMULATION CURRICULUM
Kenneth W Buellman, MD, Marek Rudnicki, MD; Advocate Illinois Masonic Medical Center

P297 IS IT SAFETY THAT LAPAROSCOPIC ColecTOMY PERFORMED BY BIGINNER SURGEONS WITH AN ASSIST BY A TECHNICAL QUALIFIED SURGEON? Nobuki Ichikawa, Shigenori Homma, Tadashi Yoshida, Yusuke Ohno, Hideki Kawamura, Tomohiro Ishikawa, Takashi Suzuki, Takeshi Tsujii, Masashi Ohira, Yo Kaminuma, Akioubu Taketomi; Department of Gastroenterological Surgery I, Graduate School of Medicine, Hokkaido University, Department of Surgery, "Kamitchensu Teine Keijinkai Hospital

P298 DEVELOPMENT OF A PROFICIENCY-BASED SKILLS CURRICULUM FOR FUNDAMENTALS OF ENDOSCOPIC SURGERY
Mizota Tomoko, MD, Nick Anton, Mark Manwaring, MD, William W Hope, MD, Ranjan Sudan, Raghid Bitar, Michael Guzman, Dimitrios Stefanidis; "Indiana University, University of North Carolina

P299 LAPAROSCOPIC HERNIA REPAIR MASTER CLASS OF JAPAN COULD REDUCE RECURRENCE
Sumio Matsumoto, PhD, Tetsushi Hayakawa, Dr, Yo Kawarada, Dr, Kazunori Uchida, Dr, Hidtoshi Wada, Senior, Assistant, Professor, Toru Eguchi, Dr, Nozomi Ueno, MD, PhD, Hitoshi Idani, Dr, Kanyu Nakano, MD, PhD, Yoshiyuki Omo; "Tokyo Medical Center, "KARIYA TOYOTA General Hospital, Laparoscopic Hernia Surgery Center, "KKR Tonan Hospital, "Hiroshima Kosei Hospital, "Hamamatsu University School of Medicine, "Harassashin Hospital, "Yodogawa CHRISTian Hospital, "Hiroshima City Chiyo Hiroshima Citizens Hospital, "Covidien Japan

P300 ASSESSMENT OF RESIDENT LAPAROSCOPIC SKILLS: OPERATING ROOM AUTONOMY AND SIMULATOR PERFORMANCE
Rachel H Mathis, MD, Amber W Trickey, PhD, Erica Emery, MS, Gordon Hafner, MD, Jonathan Dort, MD; Inova Fairfax Medical Center

P301 RATIONAL AND BARRIERS TO IMPLEMENTATION OF THE FUSE PROGRAM
Brian M Nguyen, MD, Emilie Fitzpatrick, MD, Daniel B Jones, MD; Beth Israel Deaconess Medical Center, Harvard Medical School

P302 CROSS SECTIONAL PROGRAM FOR ADVANCED LAPAROSCOPIC TRAINING BY LONG-TERM EDUCATIONAL CURRICULUM
Hiroshi Yagi, MD, PhD, Osamu Itano, MD, PhD, FACS, Taizo Hibi, MD, PhD, Tuta Abe, MD, PhD, Minoru Kitago, MD, PhD, Masahiro Shinoda, MD, PhD, Yuko Kitagawa, MD, PhD, FACS; Keio University School of Medicine

P303 OPERATIVE PERFORMANCE OUTCOMES OF A SIMULATOR-BASED ROBOTIC SURGICAL SKILLS CURRICULUM
Ahmed M Zihni, MD, MPH, Angelia Declue, CST, Debbie Tiemann, RN, Shuddahed Ray, MD, Robert Wang, BS, Zhe Liang, BS, Michael M Awad, MD, PhD; Washington University in St Louis

P305 OSCE VALIDATION TO EVALUATE PRACTICAL SKILLS IN GENERAL SURGERY
Ruben Avila, MD, Achurra Pablo, MD, Rodrigo Tejos, MD, Rolando Rebolloed, PhD, MD, Tamara Muñoz, MD, Marcel Sanhueza, MD, Juan Ramos, MD, Nicolas Jarufe, MD, Julian Varas, MD; Pontificia Universidad Catolica de Chile, "Hospital Sotero del Rio, Santiago, Chile.

P306 A LEARNING CURVE STUDY USING THE VIRTUAL TRANSLUMENAL ENDOSCOPIC SURGERY TRAINER (VTEST)
Nicole Santos, BS, Jamaya Carter, BA, Fangshu He, MS, Ali Linik, MD, Alyssa Lungarini, MS, Arun Nenami, PhD, Ganesh Sankaranarayanan, PhD, Daniel Jones, MD, PhD, Supranu De, PhD, Steven Schwartzberg, MD, Caroline G.L. Cao, PhD; "Cambridge Health Alliance, "Wright State University, "Rensselear Polytechnic Institute, "Bayor University Medical Center, "Beth Israel Deaconess Medical Center, "University at Buffalo

P307 THE EFFECT OF STEREOSCOPIC IMAGES FROM USING A THREE-DIMENSIONAL MONITOR TO LAPAROSCOPIC SURGICAL TRAINING FOR NOVICES
Hitoshi Harada, MD, Shingo Kanaji, MD, PhD, Masayasu Nishi, MD, Hiroshi Hasegawa, MD, PhD, Masashi Yamamoto, MD, PhD, Yoshiko Matsuda, MD, PhD, Kimihiro Yamashita, MD, PhD, Takero Matsuda, MD, PhD, Taro Oshikiri, MD, PhD, Tetu Nakamura, MD, PhD, Yasuo Sumi, MD, PhD, Satoshi Suzuki, MD, PhD, Yoshihiro Kakeji, MD, PhD; Division of Gastrointestinal Surgery, Department of Surgery, Kobe University Graduate School of Medicine

P308 HANDS ON TRAINING USING THE VEST OR FIRE MODULE IMPROVES RESPONSE IN SIMULATED OR FIRE Ganesh Sankaranarayan, Lizzy Wooley, BS, Deborah Hogg, BS, Denis Dorozhkin, PhD, Jaisa Olasky, MD, Sanket Chauhan, MD, James W Flesham, MD, Supranu De, ScD, Daniel Scott, MD, Daniel Jones, MD, "Baylor University Medical Center at Dallas, "University of Texas Southwestern Medical Center, "Rens散热lara Polytechnic Institute, "Mount Auburn Hospital, "Beth Israel Deaconess Medical Center

P309 VALIDATION OF SIMULATOR FOR ASSESSMENT OF NEWLY DEVELOPED SUTURING SKILLS
Munenori Uemura, PhD, Noriyuki Matsuoka, Morimasa Tomikawa, MD, PhD, FACS, Makoto Hashizume, MD, PhD, FACS, "Yousuke Seki, MD, PhD, "Yoshimochi Kurokawa, MD, PhD; "Kyushu University, "Kyoto Kagaku Company, Japan, "Yotsuya Medical Cube, Japan
P364 20 YEAR OUTCOMES: LAPAROSCOPIC Heller MYOTOMY STANDS THE TEST OF TIME
Marc A. Ward, MD, Christy M Dunst, MD, Ben Robinson, BS, Ezra N Teitelbaum, MD, Ahmed M Sharata, MD, Steven R DeMeester, MD, Kevin M Reavis, MD, Lee L Swanstrom, MD; The Oregon Clinic

P365 FUNDOPLICATION VERSUS GASTRIC BYPASS AS OPTIMAL TREATMENT FOR GERD IN SCLERODERMA PATIENTS
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P367 STUDY OF THE USEFULNESS OF A NOVEL U-SHAPED LIVER RETRACTOR COVERED WITH GAUZE IN LAPAROSCOPIC SURGERY
Nobuyuki Sakurazawa1, Masao Miyashita1, Shigeki Yokomuro1, Satoshi Matumoto1, Yoichi Kawano1, Akihisa Matuda1, Kazuya Yamahatu1, Tomohiko Yasuda1, Kumiho Sekiguti1, Fumihiko Ando1, Manpeiw Kawashima1, Shintarou Kanaka1, Eiji Uchida1; Nippon Medical School Chiba Hokusou Hospital Surgery, 2Nippon Medical School Main Hospital Digestive Surgery

P368 LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR IMPROVES DISEASE-SPECIFIC QUALITY OF LIFE IN OCTOGENARIANS
Anahita D Jalilvand, MD, Andrew I. Jones, MD1, Sara E Martin del Campo, MD, MS1, Kyle A Perry, MD1; The Ohio State Wexner Medical Center, 1UC Denver Medicine

P369 EVALUATION OF THE ANTIREFLUX MECHANISM IN A PORCINE EX-VIVO STOMACH, HIATAL HERNIA AND SLEEVE GASTRECTOMY MODELS
Luciano Poppi, MD, Felix Camacho, MD, Gerardo Arredondo, MD, Luis Poppi, MD, FACS; Clinica Anglo Americana

P370 SINGLE CENTRE EXPERIENCE WITH LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR AND LONG-TERM QOL AND PULMONARY FUNCTION OUTCOMES
Shalvin R Prasad, MBChB, FRACS, Gabriel Marcil, MD, MDCM, Philip C Mitchell, MD, FRCS, FACS, Estifanos Debru, MD, FRCS, Neal G Church, MD, FRCS, Richdeep Gill, MD, PhD, FRCS; University of Calgary

P371 MINIMALLY INVASIVE APPROACHES FOR BENIGN TUMOURS OF ESOPHAGUS: AN ANALYSIS OF OUR EXPERIENCE
Parthasarathi, S Raipandian1, P Senthilnathan, P Praveen Raj, Bhushan Chittawadagi, C Palanivelu1; GEM Hospital & Research Centre

P372 BODY MASS INDEX IS NOT A RISK FACTOR FOR SURGICAL REINTERVENTION AFTER PRIMARY ABSORBABLE MESH REPAIR OF HIATAL HERNIA
Sreeja Biswas Roy, MBBS1, Michael T Olson1, Paul Kang, MPH1; Roshan Panchanathan, BS1, Taylor Ipsen, BS1, Sumeet K Mittal1, MD1, Jasmine Huang, MD1, John Rodriguez, MD, MPH1; 1Norton Thoracic Institute, 2University of Arizona College of Public Health-Phoenix

P373 LINX® MAGNETIC ESOPHAGEAL SPHINCTER AUGMENTATION VERSUS NISSEN FUNDOPPLICATION FOR GASTROESOPHAGEAL REFLUX DISEASE: A SYSTEMATIC REVIEW AND META-ANALYSIS
Daniel Skubleny, MD, BS1, John Dang, MD1, Jemimah Chen, MS, John Fluharty, MD1, Matthew Reinersman, MD, FACS, Richard J Neuman, MD1, Michael T Olson1; 1Department of Surgery, 2University of Utah

P374 RARE BUT DEVASTATING: THE SUCCESSFUL MANAGEMENT OF INTRA-THORACIC COMPLICATIONS AFTER BARIATRIC SURGERY
Julietta Chana, MD, Andrew Strong, MD, Maitham Hosli, MD, Mena Boules, MD, Kevin El-Hayek, MD, Jeffrey Ponsky, MD, John Rodriguez, MD, Matthew Kroh, MD; Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic

P375 WATCHFUL WAITING VERSUS ELECTIVE LAPAROSCOPIC REPAIR FOR MINIMALLY SYMPTOMATIC PARAESOPHAGEAL HERNIAS: A COST-EFFECTIVENESS ANALYSIS
Ellen H Morrow, MD, Jennewood Chen, MD, Richard Nelson, PhD, Raminder Nirula, MD, MPH, Robert Glasgow, MD; University of Utah

P376 LAPAROSCOPIC SURGERY FOR GASTROINTESTINAL STROMAL TUMOR OF THE STOMACH
Norimasa Koide1, Takao Kuno1, Shigemi Onoue1, Katsushi Yoshida1, Takahiro Mizukawa1, Kenji Kato1; 1Ikeda Hospital, 2Inazawa Municipal Hospital

P377 A SINGLE INSTITUTION’S EXPERIENCE TREATING BARRETT’S ESOPHAGUS WITH HIGH GRADE DYSPLASIA
Mark Kashtan, MD, Jonathon Critchlow, MD, FACS, Michaela Carroll, Haley Duncan, Aaron Fleishman, Alia Qureshi, MD, FACS, FRCSc; 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 Elgeidie, 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

P380 EFFECT ON GASTROPARESIS SYMPTOMS AFTER EXPLANTATION OF GASTRIC ELECTRICAL STIMULATORS
Matthew J Davis, MD1, Andrew T Strong, MD1, IVN Haskins1, Kevin M El-Hayek, MD1, Michael S Cline, DO1, Matthew D Kroh, MD1, John Rodriguez, MD1; Section of Surgical Endoscopy, Department of General Surgery, Cleveland Clinic, 2Department of Gastroenterology, Cleveland Clinic

P381 LESSONS LEARNED FROM PATIENTS PRESENTING FOR REFLUX SURGERY
Elizabeth Long, MD, Jimemah 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
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 EPITHELIC DIAPHRAGMATIC DIVERTICULUM
Jonathan R Sairk, MD, Jennifer A Kincaid, MD, Nathaniel R Evans, MD, FACS, FCCP, Francisco 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 Parroco, MD, Srinivas Kaza, MD; University of Miami Palm Beach

P385 PRIMARY DUODENAL MALIGNANCIES: 2 YEAR EXPERIENCE AT A TERTIARY HOSPITAL
Mohammad H Abo-Ryia, MD, Hamdy S Abd-Allah, MD, Osama H El-Khadrway, MD, Gamal I Moussa, MD, Ahmed A El-Shora, MD, Sherief A Saber, MD; Faculty of Medicine Tanta University, Tanta Egypt

P386 MITOCHONDRIAL MYOPATHY EFFECTS ON GASTROINTESTINAL FUNCTION
Muhammad Nadeem, MBBS1, Michael T Olson1, Paul Kang, MPH1; Roshan Panchanathan, BS1, Taylor Ipsen, BS1, Sumeet K Mittal1, MD1, Jasmine Huang, MD1, John Rodriguez, MD, MPH1; 1Norton Thoracic Institute, 2University of Arizona College of Public Health-Phoenix

P387 COMPARISON OF TWO BUTTRESSING MATERIALS FOR GASTRIC SLEEVE RESECTION - CLINICAL OUTCOME AND COMPLICATIONS
Maria Bergstrom, MD, PhD1, Jorge A Arroyo Vázquez, MD, Per-Ola Park, MD, Masaaki Nishi, Mitsuo Shimada, Kozo Yoshikawa, Jun Higashijima, Takuya Tokunaga, Chie Takasu, Hideya Kashihara, Daichi Ishikawa, Toshiaki Yoshimoto, Atsushi Takata; Department of Surgery, Tokushima University

P388 FEASIBILITY OF LAPAROSCOPIC GASTRECTOMY FOR ELDERLY PATIENTS
Masaaki Nishi, Mitsuo Shimada, Kozo Yoshikawa, Jun Higashijima, Takuya Tokunaga, Chie Takasu, Hideya Kashihara, Daichi Ishikawa, Toshiaki Yoshimoto, Atsushi Takata; Department of Surgery, Tokushima University
P389 LAPAROSCOPIC MANAGEMENT OF ESOPHAGEAL DIVERTICULA: AN ANALYSIS OF SEVENTEEN YEARS OF EXPERIENCE R Parthasarathi, MS, FMAS, S Rajanandan, MS, FRCS, FMAS, P Chenthilnathan, MS, FMAS, DNB, Subrahmaneswara Babu, P Praveen Raj, C Palanivelu, MS, FACS, FRCSed, DSc; GEM Hospital & Research Centre

P390 ASSOCIATION OF ESOPHAGEAL MOTILITY AND GASTRO-ESOPHAGEAL REFLUX WITH UNDERLYING DISEASE IN PATIENTS WITH END-STAGE LUNG DISEASE Takahiro Masuda, Saurabh Singhal, Sreeja Biswas Roy, Michael Smith, Jasmine Huang, Sumeet K Mittal, Ross M Bremner; Norton Thoracic Institute; St. Joseph’s Hospital and Medical Center

P391 SURGICAL TREATMENT OF THE GIANT HIATAL HERNIA, A SINGLE-CENTER EXPERIENCE. Jonas S Jensen, MD, Jan Krzak, MD, Henning Kold Antonesen, MD, ’Department of Surgery, Kolding Hospital, Denmark, ’Department of Surgery, Herning Hospital, Denmark

P392 OUR PRACTICAL PROCEDURE IN LAPAROSCOPIC NISSEN FUNDOPICATION FOR GERD PATIENTS Tatsushi Suwa, MD, Satoshi Inose, MD, Tomoko Fukushima, MD, Kenta Kitamura, MD, Tomonori Matsumura, MD, Kazuhiro Karikomi, MD, Eishi Totsuka, MD, Motoi Koyama, MD, Keigo Okada, MD, Naokazu Nakamura, MD, Hiroiyuki Suzuki, MD, Shigeru Masamura, MD; Kashiwa Kosei General Hospital

P393 LAPAROSCOPIC HELLER CARDIOMYOTOMY WITH AND WITHOUT DOR FUNDUPLICATION: RANDOMIZED CONTROLLED TRIAL Vy Grubnik, A. v. Malynovskyi, V. v. Ilyashenko; Odessa national medical university, Ukraine

P394 EVALUATION OF ESOPHAGEAL MOTILITY ACCORDING TO LAPAROSCOPIC REPAIR OF SYMPTOMATIC TYPE IV PARAESOPHAGEAL HERNIA FOLLOWING ESOPHAGECTOMY, A LONG-TERM FOLLOW-UP STUDY. Aman B Ali, MD, Ptal 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.

P395 OUTCOMES OF PARAESOPHAGEAL HERNIA REPAIR IN OCTOGENARIANS Stephanie M Sims, MD, Kathleen M Coakley, DO, Tanushree Prasad, MA, Amy E Lincourt, PhD, MBA; Vedra A Augenstein, MD, FACS, B. Todd Heniford, MD, Paul D Colavita, MD; Carolinas Medical Center.

P396 LONG-TERM PATIENT OUTCOMES AFTER CRUROPLASTY REINFORCEMENT WITH BIOLOGIC MESH FOR HIATAL HERNIA REPAIR. Argenis Herrera, MD, Katy Harris, MD, Gabriel Arevalo, MD, Ibraheem Kayali, Maurice Areregui, MD; St Vincent Hospital

P397 LAPAROSCOPIC VS. ROBOTIC PARAESOPHAGEAL HERNIA REPAIR Francisco J Couto, MD, Jeremy Warren, MD, Megan Kemp, MD, Brent Snopoli, MD, Raquel Denis, MD, William Cobb, MD, Alfred Carbonell, DO, University 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

P398 COMPLETION GASTRECTOMY WITH ESOPHAGEOJEJUNOSTOMY FOR MANAGEMENT OF BENIGN FOREGUT SURGERY COMPLICATIONS Hideo Takahashi, MD, Matthew Allemang, MD, Mena Boules, MD, Zaubidaa NorHanipah, MD, Andrew Strong, MD, Alfredo D Guerron, MD, Kevin El-Hayek, MD, FACS, John H Rodriguez, MD, Matthew Kroh, MD, FACS, ’Section of Surgical Endoscopy, Dept of General Surgery, Cleveland Clinic, ’Duke University Health System

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, Niigata Medical School, Tama Nagayama Hospital, ’Department of Gastrointestinal and Hepato biliary pancreatic surgery, Niigata Medical School Hospital, ’Department of Surgery, Niigata Medical School, Chiba Hokusho Hospital

P400 DOES ESOPHAGEAL MANOMETRY INFLUENCE SURGICAL DECISION-MAKING FOR OPERATIONS AT THE GASTROESOPHAGEAL JUNCTION? Georg K Wiese, MD, Amanda Bennett, Denise Ferador, Sirisha R Thamburu, William S Eubanks, MD, FACS, ’Florida Hospital, ’University of Central Florida College of Medicine

P401 SURGICAL REPAIR OF ANTRAL AND DUODENAL WELLS: THE CRITICAL ROLE OF ENDOSCOPY Ruchi Amin, MD, Walker Sarah, MD, Julie Fritz, MD, Alfonso M Martinez, MD, Marjorie J Arca, MD; Children’s Hospital of Wisconsin

P402 LAPAROSCOPIC DAMAGE CONTROL IN TYPE IV PARAESOPHAGEAL HIATAL HERNIA AFTER MINIMALLY INVASIVE ESOPHAGECTOMY. CASE REPORT IV LEVEL INSTITUTION IN COLOMBIA Evelyn Dorado, md, Jessica Correa; FUNDACION VALLE DEL LILI

P403 DEFINING GERD BASED ON ECONOMIC BURDEN OF DISEASE: AN ANALYSIS OF CLAIMS DATA C Smith, Director Esophageal Institute of Atlanta, ’J Grudem, Chief Scientist, ’Ng Martinson, President; ’Esophageal Institute of Atlanta, ’Torax Medical Inc, ’Acclaim Analytics

P404 DEFINING GERD BASED ON ECONOMIC BURDEN OF DISEASE: AN ANALYSIS OF CLAIMS DATA C Smith, Director Esophageal Institute of Atlanta, ’J Grudem, Chief Scientist, ’Ng Martinson, President; ’Esophageal Institute of Atlanta, ’Torax Medical Inc, ’Acclaim Analytics

P405 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.

P406 LAPAROSCOPIC WEDGE RESECTION FOR GASTROINTESTINAL STROMAL TUMOR IN THE ELDERLY Andrés Navarrete, MD, ’Dolce Mombian, MD, Marta Jimenez-Toscano, MD, ’Ricard Corcelles, MD, ’Ainitez Ibarzabal, MD, ’Antonio Lacy; ’Clinica Alemana de Santiago, ’Hospital Clinic of Barcelona

P407 FURTHER EVIDENCE OF THE USEFULNESS OF THE TWO-TAPE TRACTION METHOD FOR LYMPH NODE DISSECTION DURING THORACOSCOPIC ESOPHAGECTOMY FOR ESOPHAGEAL CANCER Soi Ozawa, MD, PhD, Junya Oguma, MD, PhD, Akihito Kazuno, MD, Miho Nitta, MD, Yamato Ninomiya, MD; Department of Gastroenterological Surgery, Tokai University School of Medicine

P408 TWO-STAGE EXPLANTATION OF A MAGNETIC LOWER ESOPHAGEAL SPHINCTER AUGMENTATION DEVICE FOR ESOPHAGEAL EROSION Abhishek D Parmar, MD, MS, Howard Chang, MD, Jonathan D Svahn, MD, FACS, ’UCSF-East Bay Department of Surgery, ’Kaiser Permanente Oakland Medical center

P409 STENT TREATMENT OR SURGICAL CLOSURE FOR PERFORATED DUODENAL ULCERS, PRELIMINARY RESULTS FROM A SWEDISH RANDOMIZED CONTROLLED TRIAL Jorge A Arroyo Vázquez, MD, Almborgs Hospital, Alvsborg

P410 THE FIRST TELEMEDICINE NETWORK OF THE PHILIPPINES “BEYOND BORDERS” Katherine M Panagianiban, MD, Jeffrey Domino; St. Luke’s Medical Center - Quezon City, Philippines

P411 HIGH FREQUENCY VENTILATION ELIMINATES THE NEED FOR RESPIRATORY MOTION CORRECTION IN IMAGE GUIDED SURGERY Aman B Ali, MD, Toan B Nguyen, Mar Carbery, PhD, Brian J Dunkin, MD; University of Houston, ’Methodist Institute for Technology, Innovation and Education – Houston Methodist Hospital

P412 REAL-TIME IMAGE PROCESSING METHOD FOR LAPAROSCOPE DEFOGGING Jiun-In Guo, PhD, Kai-Che Liu, PhD, ’Cha-Chi Tsai, ’Jan-Yang Lin, ’Yong-Cyung Yang, ’Ching-Hwa Cheng, PhD, ’Jungle Chi-Hsiang Wu, Dr, ’Shih-Wei Huang, Dr; ’National Chiao Tung University, ’Chang Bing Show Chwan Memorial Hospital, ’Cheng Chia University, ’Show Chwan Memorial Hospital

P413 RECENT POSTER OF CLINICAL USAGE OF ULTRA-HIGH DEFINITION (8K) LAPAROSCOPE. Toshihiko Mori, MD, Toshio Chiba, MD, Hiromasa Yamashita, PhD, Masanori Sugiyama, MD; ’Kyorin University, ’Nihon University

P414 PRELIMINARY REPORT OF CLINICAL USAGE OF ULTRA-HIGH DEFINITION (8K) LAPAROSCOPE. Toshihiko Mori, MD, Toshio Chiba, MD, Hiromasa Yamashita, PhD, Masanori Sugiyama, MD; ’Kyorin University, ’Nihon University

P415 Withdrawn
P438 INITIAL EXPERIENCE OF ELECTRO STIMULATION DEVICE (ENDOSTIM®) THERAPY ON PATIENTS WITH RECURRENT GERD AFTER FUNDOPPLICATION FAILURE. PRELIMINARY REPORT. David Auquille-mar, MD, MMHB, MBA, MEdu; Genaro Vazquez, MD, MDH; Eduardo Giasi, MD; Mt Rickman, MD; ‘ITE School of Medicine, ‘Medical 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 Shin, MD; Department of Endoscopic Surgery, Fukuoka Seisyuiku Hospital

P440 LAPAROSCOPIC REPEAT HEPATECTOMY FOR CASES OF RECURRENT LIVER CANCER FOLLOWING OPEN HEPATECTOMY. Taiga Wakabayashi, Yuta Abe, Osamu Itano, Masahiro Shindoh, Minoru Kitago, Hiroshi Yagi, Taizo Hibii, 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 Nalanikkil, G Srivatsan, Sandeep Sabnis, R Parthasarathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

P442 BIOINFORMATICS IDENTIFICATION OF RARE CODON CLUSTERS IN HBV GENOME AND EVALUATION OF RCCS IN HBV PROTEINS STRUCTURE OF HEPATITIS B VIRUS Abdorrasoul Malekpour1, Saeid Gholamzadeh2, Saededeh Zahedi1, Mohammad Zarenehzad1, Mojtaba Mortazavi1; ‘Legal Medicine Research Center, ‘Legal Medicine Organization of Iran, Tehran, Iran, ‘Institute 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 Parthasarathi, S Rajapandian, P Praveen Raj, Anand Vijai, V P Nalanikkil, G Srivatsan, Sandeep Sabnis, C Palanivelu; GEM Hospital & Research Centre

P444 LAPAROSCOPIC MANAGEMENT OF CHRONIC CALCIFIC PANCREATITIS: A FIFTEEN YEAR EXPERIENCE OF A TERTIARY CARE CENTER FROM SOUTH INDIA P Senthilnathan, Anand Vijai, V P Nalanikkil, G Srivatsan, Sandeep Sabnis, R Parthasarathi, 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, Song Cheol Kim, PhD, Jaewoo Kwon, Seunghyun Hwang, Chung Hyeun Ma, Kwang-Min Park, Young-Joo Lee, Dae Wook Hwang, Jae Hoon Lee, Bong Jun Kwang, Seok-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, MS1, Eham L Arora1, Raj Gaibhine, MS2, Saurabh S Gandhi, MS1, Chintan B Patel, MS1, Amol N Wagh, MS1, Priyank D Kothe1; ‘Grant Government Medical College & Sir JJ Group of Hospitals, Mumbai, India, ‘Government 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 Kumaagi, MD, Tadashi Akiba, MD; The Jikei University Kashii Hospital

P448 BILIARY CYSTADENOMA IN LEFT LIVER WITH A SOLID COMPONENT EXTENDING INTO HILAR BILIARY CONFLUENCE Gokul Shanker, MS, DNB, MBA, Anand Bharathan, MS, DNB, Vadiraj Hunnur, MS, Hariprasad Duraisamy, MS; vgm gastro centre

P449 SOFOSBUVIR 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 C TRL P Patrick Basu1, Niraj J Shah2, Nimy John1, Mark M Aloysius1, Ked Fortuzi2; ‘Columbia Presbyterian Medical Center, New York, ‘University of Mississippi Medical Center, ‘St. Vincents Hospital, Worcester, MA, ‘James J. Peters VA Medical Center, Ichon School of Medicine at Mount Sinai, NY, ‘King’s County Hospital Medical Center, NY

P451 FEASIBILITY AND SAFETY OF LAPAROSCOPIC LIVER RESECTION FOR HEPATIC MALIGNANCIES Takeshi Gocho, MD, PhD, Yuichi Nakaseko, MD, Koichiro 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; Kei 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 PANCREATITIS: A CASE SERIES Brent D Bauman, MD, Victor Yakiyil, MBBS, Steuart Amateau, MD, Malavika Chandrashekar, 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 Nalanikkil, G Srivatsan, Sandeep Sabnis, Dilip Godde, R Parthasarathi, S Rajapandian, P Praveen Raj, C Palanivelu; GEM Hospital & Research Centre

P455 EVALUATION OF SUPERIORITY OF LAPAROSCOPIC APPROACH FOR HEPATOMA IN THE CAUDATE LOBE IN COMPARISON WITH THE OPEN APPROACH Masayasu Aikawa, MD, Mitsuo Miyazawa, MD, Yukihiro Watanabe, MD, Katsuya Okada, MD, Kojun Okamoto, MD, Shinichi Sakuramoto, 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 tomatoka Isihi, Manabu Watanabe, Koji Asai, Hiroshi Matsuksyio, Tomoaki Saito, Manabu Kujiraoaka, Toshiyuki Enomoto, Natsuya Katada, Yoshihisa Saida, Shinya Kusachi; Toho university ohashi medical center, surgery department

P457 EFFECT OF LAPAROSCOPIC LIVER RESECTION ON HEPATIC FUNCTIONAL RESERVE: A STUDY OF PATIENTS WITH HEPATOCELLULAR CARCINOMA WITH HEPATITIS C TREATED WITH DAA FOLLOWING HEPATOCELLULAR CARCINOMA RESECTION Mitsuo Miyazawa, MD, FAC1, Masayasu Aikawa, MD,2, Katsuya Okada, MD,2, Yukihiro Watanabe, MD,2, Kojun Okamoto, MD,2; Teikyo 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 Shigenori Ei1, Osamu Itano2, Go Oshima3, Masanori Odaira1, Keichiro Kitahama1, Hiroshi Uchida1, Shingo Maeda2, Yasumasa Koyama1, Satoshi Ako1; ‘Department of Surgery, Eiju general hospital, Tokyo, Japan, ‘Department 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, Alexander M Roch, MD, MS1, William P Lancaster, MD, E M Killibane, RN, BSN2, Michael G House, MD, Nicholas J Zyromski, MD, C M Schmidt, MD, PhD, MBA1, Atilla Nakeeb, MD1, Eugene P Ceppa, MD1; ‘Department of Surgery, Indiana University School of Medicine, Indianapolis, IN, ‘Department 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 Nalankili, C Palanivelu, Kailash Chandra dhaker; GEM Hospital & Research Centre

P463 CAUTIOUS Lobe LIVER ABBRESC: 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-Seok Yoon, Jae young Cho, Jae Seong Jang, Seong Wook Kwon, Sungho Kim, Jangkyu Choi; Seoul National University Bundang Hospital

P466 INITIAL EXPERIENCES OF ARTERY FIRST APPROACH IN LAPAROSCOPIC PANCREATODUODENECTOMY P Senthilnathan, R Parthasarathi, S Rajapandian, P Praveen Raj, Anand Vijai, V P Nalankili, G Srivatsan, Sandeep Sabnis, C Palanivelu; GEM Hospital & Research Centre

P467 USE OF INTERNAL FIDUCIAL MARKERS AND COMPUTER MODELING TO AIM IMAGE-GUIDED LIVER SURGERY Toan B Nguyen1, Aman B Ali, MD2, Marc Garvey, PhD3, Brian J Dunkin, MD4; ‘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, Masahiro Shinoda, Minoru Kitago, Hiroshi Yagi, Taizo Hibi, Yuko Kitagawa; Keio University Department of Surgery

P469 COMPARATIVE ANALYSIS OF THE OUTCOME BETWEEN OPEN AND LAPAROSCOPIC PARTIAL LIVER DRAINAGE FOR HEPATOCELLULAR CARCINOMA Satoru Imura, Atsushi Takata, Hiroshi Yagi, Tarek M Ibrahim, PhD; ‘University of Alberta, ‘University of Calgary, ‘University of British Columbia

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 (HABIB 4 X) VERSUS ULTRASONIC SHEAR (HARMONIC SCALPEL) Sherief A Saber, MD,1 Gamal I Moussa, PhD,2 Ossama H Elkhadrawy, PhD, Tarek M Ibrahim, PhD,3 Hamdy S Abd Alla, PhD, Mohamed A H Abou-Rayya, PhD,4 Ahmad A Alshoora, MD,5 Sherief M Algarf, MSc,4 Ahmad Sivlivum, MSc,4 Tamer Almahdy, MSc,4 Ahmad Abd Alrahem, MSc,4 Mahmoud A Eissa, MSc,4 Mostaffa Allam, MSc,4 Amre S Ghoraiba, MSc; Faculty of medicine, Tanta university Hospital, ‘National LIVER Institute, Menoufiya University, Egypt

P473 CLINICAL EXPERIENCE AND FEASIBILITY OF TOTAL 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 PANCREATOPANCREATICODUODENECTOMY IS SAFE, FEASIBLE, AND HAS THE ACCEPTABLE ONCOLOGIC OUTCOMES FOR PANCREATIC CANCER Weiwein Jin, MD,1 Chao Lu, MS1, Yiping Mou, MD,2 FACS; C Palanivelu; GEM Hospital & Research Centre

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 Vijai, V P Nalankili, G Srivatsan, Sandeep Sabnis, 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,1 Min-Chang Hung, MD,2 Shin-Wei Huang, MD,2, Dev-Aur Chou, MD,2 Hung-Sheng Wu, MD,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 CATHETER 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 Mouriout, MD, Hope T Jackson, MD, Alejandro Rodriguez, MD, Andrew S Wright, MD, Marcelo Hinojosa, MD, Brant K Oelschlager, 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, Tjasa 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 Gordon, Brittany Lapin, PhD,2 Woody Denham, MD,3 John G Linn, MD,4 Stephen P Hagerty, MD, Kristine Kuchta, MS5, Zeeshan A Butt, PhD,6 Michael B Ujiki, MD,7; ‘NorthShore University HealthSystem, ‘Northwestern University

P481 METABOLIC SYNDROME IS A SIGNIFICANT PREDICTOR OF POST-OPERATIVE 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 Uymaz, MD,1 Orhan Agecoglu, MD,2 Onur Bayram, MD,3 Cagri Bilgic, M0, Gorkem K Ozgen, MD,1 Yunus Yavuz, MD; ‘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, MPH, Daniela Guevara, MD, Subhash Kini, MD, Eric Edwards, MD, Daniel Herron, MD, Gustavo Fernandez-Ranvier, MD; Icahn School of Medicine at Mount Sinai

P484 ALLEVICATION OF MORBID OBESITY AND ITS ASSOCIATED COMORBIDITIES VIA LAPAROSCOPIC SLEEVE GASTRECTOMY Udai S Sibia, MD, Raquel Redondo, MD, Adam S Weltz, MD, Olmos Holmatova, MD, Paxton Paganelli, Hamid R Zahiri, DO, Timothy R Turner, PhD, Alejandro Gandosas, 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 READMISSION RATE FOLLOWING BARIATRIC SURGERY William P Main, DO,1 Amy E Murphy, DO,1 Lala R Hussain, MSc,1 Katherine M Meister, MD,1 Kevin M Tymitz, MD,2 ‘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 of Medicine, ‘Penn State College of Medicine, ‘Penn State Hershey Medical Center

P488 LIVER DISEASE INCREASES BLEEDING COMPLICATIONS AFTER PRIMARY SLEEVE GASTRECTOMY Ye Tian, BA1, Jared Cappelli, RN, BS2, Hallie Nelson, BS,3 Xinyi Shen, BS,3 Ann M Rogers, MD, FACS;1 Penn State College of Medicine, ‘Penn State Hershey Medical Center
Posters

P490 VISCERAL PSEUDOANEURYSM AFTER REVISIONAL BARIATRIC SURGERY: REPORT OF TWO CASES Charlotte Horne, MD, Antonis Sideris, MD, Ali Aminian, MD, Stacy Brethauer, MD, Phillip Schauer, MD; Cleveland Clinic

P491 BARIATRIC SURGERY IN ELDERLY PATIENTS (OVER OR EQUAL 65 YEARS OLD): ANALYSIS OF 28 CASES. Marcos Berry, MD, Lionel Urrutia, MD, Jose Quezada, MD; Clinica Las Condes

P492 THE UTILITY OF ROUTINE ESOPHAGEAL STROUSGASTRODUODENOESCOPY PRIOR TO LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Warren Sun1, Jerry T Dang1, Noah J Switzer1, Xinzhe Shi1, Richdeep Gill1, Christopher de Gara1, Daniel W Birch1, Shahzeer Karmali1; University of Alberta, 1Centre for the Advancement of Minimally Invasive Surgery, 1University of Calgary

P493 TEN YEAR RETROSPECTIVE ANALYSIS OF WOUND INFECTIONS FOR EEA STAPLER IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASSES: A SINGLE CENTER EXPERIENCE. Paul A Severson, MD, FACS, Martin G Perez, MD, Howard McCollister, MD, FACS, Timothy LeMieur, MD, FACS, Shawn Roberts, MD, FACS, Lea Carlson, RNC; Minnesota Institute for Minimally Invasive Surgery

P494 PREDICTORS OF POST-OPERATIVE URINARY TRACT INFECTION AFTER BARIATRIC SURGERY Zachary M Helmen, BS, Melissa C Helm, BS, Joseph H Helmd, MD, Alexander Nielsen, BS, Matthew E Bosler, BA, Tammy Kindel, MD, PhD, Jon C Gould, MD; Medical College of Wisconsin

P495 RESOLUTION OF COMORBID CONDITIONS ARE SIGNIFICANTLY HIGHER WITH MALABSORPTIVE PROCEDURES, Pukesh Bhatta, MD1, Steven Cheung, MD, Thomas Kang1, Spencer Gantz1, Pradeep Pallati1, Armour Forse1, Kalyana Nandipati1; CREIGHTON UNIVERSITY MEDICAL CENTER, 1DOCTORS HOSPITAL AT RENAISSANCE HEALTH SYSTEM

P496 BARIATRIC SURGERY IS SAFE WITH GOOD OUTCOMES IN ELDERLY PATIENTS: A RETROSPECTIVE ANALYSIS. Saurabh Sharma, MBBS, MS, Nisan Kashy, MBBS, Koji Park, MD, E John Harvey, MD, MRCS, James McGinty, MD; IBMS Mount Sinai St. Luke's Hospital

P497 3 YEARS RESULTS OF TYPE-2 DIABETES REMISSION AFTER SLEEVE GASTRECTOMY AND GASTRIC BYPASS IN SEVERE OBESITY PATIENTS Kongsong Tangpanitandee, Worawit Kattipatanapong, Jakrwan Wittyaphairoch, Rapheephat Tanompetsanga, Krit Kitisin, Suppa-ut Pungpapong, Chadin Tharavej, Patpong Navicharern, Suthep Udomsawaengsup; Chulalongkorn University

P498 DIFFERENT TREATMENT MODALITIES FOR INCIDENTAL MARGINAL ULCERS POST-ROUX-EN-Y GASTRIC BYPASS: A MULTICENTRE STUDY, Orhan Arcaoglu, MD1, Denysa S Uymaz, MD1, Onur Bayram, MD1, Cagri Bilgic, MD1, Gorkem K Ozgen, MD1, Yunus Yavuz, MD1; 1Koc University, School of Medicine, Department of General Surgery, 1VM Medical Park Hospital, Bahcesehir

P499 LAPAROSCOPIC ADJUSTABLE GASTRIC BAND REVISIONS: IS THERE A ROLE? Matt B Martin, MD1, Laurie Deaton, MSN, RN1; 1Central Carolina Surgery, PA, 1Cone Health

P500 OUTCOMES OF LAPAROSCOPIC HIATAL Hernia Repair In Patients With Prior Sleeve Gastrectomy Ramachandra Kolachalam, MD, Francisco Igor Macedo, MD, Mia Mowzoon, BSc, Vijay K Mittal, MD, Mushabir Sabir, MD; Providence Hospital and Medical Centers/ Michigan State University

P501 LAGB REVISION SURGERY: IS THERE A ROLE? Matt B Martin, MD1, Laurie Deaton, MSN, RN1; 1Central Carolina Surgery, PA, 1Cone Health

P502 HOW SHOULD WE MANAGE THE UMBILICAL HERNIA OF PATIENTS UNDERGOING BARIATRIC SURGERY Takeshi Naitoh, MD, N Tanaka, MD, H Imoto, MD, T Tsuchiya, MD, N Naga, MD, H Musha, MD, K Watanabe, MD, T Aoki, MD, K Kudo, MD, T Abe, MD, S Ohnuma, MD, F Motoi, MD, M Unno, MD; Department of Surgery, Tohoku Univ Graduate School of Med

P503 OUTCOMES OF BARIATRIC SURGERY IN CIRRHOTIC PATIENTS WITH PORTAL HYPERTENSION Zubaidah Nor Hanipah, MD, Suriya Punchali, MD, Gautam Sharma, MD, Stacy Brethauer, MD, Ali Aminian, MD, Philip Schauer, MD; 1Bariatric 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 Beninner-Messan, MD, Saranya Prathilabha, BS, Bradley Needlemman, 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, Mujahid 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, BSc1, Noah J Switzer, BSc1, Xinzhe Shi1, Chris de Gara, MBA, MS, MRCS, Ed, Eng, C, FACS2, Daniel W Birch, MSc, MD, FRCSC, FACS2, Shahzeer Karmali, MPH, MD, FRCSC, FACS2; Department of Surgery, University of Alberta, 1Centre for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandra Hospital

P508 Withdrawn

P509 ENDOSCOPIC WEIGHT LOSS BALLOON: 3 YEARS EXPERIENCE IN AN AMBULATORY ENDOSCOPY UNIT Daniel Gomez, MD; ENDO LOLAP

P510 IMPACT OF BARIATRIC SURGERY ON AMBULATION STATUS IN PATIENTS WITH IMPAIRED MOBILITY Gautam Sharma1, Suriya Punchali, MD, Ivy N Haskins, MD, Zubaihdah Nor-Hanipah, MD, Jingliang Yan, MD, Amalia Dorse, MD, Andrew T Strong, MD, John H Rodriguez, MD, Stacy A Brethauer, MD, Philip R Schauer, MD, Matthew Kroh, MD; 1Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic, Bariatric and Metabolic Institute, Cleveland Clinic

P511 THE EFFECT OF OBESITY-RELATED COMORBIDITIES ON 30-DAY COMPLICATION RATE AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY: A MULTICENTRE STUDY FROM CANADA 1Drs. Raleen Murphy, NP,2 Darrell Boone, MD, 1Rahman H, Connah, MD, 2Leslie Merideth, Patrick Chang, MPH; 1Private Practice

P512 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 Arisithes Doumoureas1, Fady Saleh2, Samia Anvari1, Scott Gmora2, Mehran Anvari1, Dennis Hong1; 1McMaster University, 2St. Joseph's Healthcare

P513 THE EFFECT OF OBESITY-RELATED COMORBIDITIES ON 30-DAY COMPLICATION RATE AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Vanessa S Falk, MD1, David Pace, MD1, Chris Smith, MD1, Darrell Boone, MD1, Raleen Murphy, NP1, Deborah Gregory, PhD1, Laurie Twells, PhD1, 1Memorial University of Newfoundland, University of Alberta, 2Memorial University of Newfoundland

P514L GASTRONOMY IN THAILAND: A CASE SERIES. Sarrath Sutthipong, Dr1, Panit Yamcharoen, Dr1, Suthipong Treeratana, Dr2, Setthasiri Pantanakul1; 1Bhumibol Adulyadej Hospital, 2Private Practice

P515 IATROGENIC SPLENECTOMY DURING BARIATRIC SURGERY: EARLY POSTOPERATIVE OUTCOMES Julietta Chang, MD1, Amin Andalib2, Zhamak Khorgami, MD1, Stacy Brethauer, MD1, Philip Schauer, MD1, Ali Aminian, MD1; 1Cleveland 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 Scharleb, NTanul Zundel, 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 Lolmeline, MPH, Priscilla R Arjono, MD,2, Austin Wheeler, Tammy L Kindel, MD, PhD,1 Vishal Kothari, MD,12,1 University Of Nebraska College of Medicine, 2University of Nebraska Medical Center, 3Medical College of Wisconsin

P522 DEMOGRAPHICS AND SOCIOECONOMIC STATUS AS PREDICTORS OF WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Anam 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, E Volckmann, MD; University of Utah

P524 SAFETY AND OUTCOME OF REVISION BARIATRIC SURGERY INVOLVING CONVERSIONS: A RETROSPECTIVE ANALYSIS Saurabh Sharma, MBBS, MS, Dina Corajac, 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; New York Methodist Hospital

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, Raoul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

P527 EFFECTS OF BARIATRIC SURGERY ON SLEEP APEA Babak Khatraee, MD,1 Peter Powles, FRACP, FRCP, ABSP, Maria Tiltoni, MD, FRCP,1 Dennis Hong, MD, MSC, FRCS, FACS,2 Scott Gmora, MD, FRCS, FACS,1 Mehran Anvari, MB, BS, PhD, FRCS, FACS,2 ‘Centre for Minimal Access Surgery (CMS), ‘St. Joseph's Healthcare, Hamilton, ON, Canada

P528 IMPACT OF LAPAROSCOPIC SLEEVE GASTRECTOMY ON GASTROESOPHAGEAL REFLUX DISEASE Ashish R Saad, MD, Lauren Goss, MSPH, 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 CO-MORBIDITIES AND EFFECTIVE WEIGHT LOSS Ajay H Bhandarwar, MS, Saurabh S Gandhi, MS, Chintant B Patel, MS, Amol N Waghe, MD, Priyank D Kothari, Eham L Araor; Grant Government Medical College

P530 BARIATRIC SURGERY IN ADOLESCENTS: BAND VS. SLEEVE VS. GASTRIC BYPASS Marcos Berry, MD, Lionel Urrutia, MD, Jose Quezada, MD; Clinica Las Condes

P531 LAPAROSCOPIC SLEEVE GASTRECTOMY: AN IMAGE-BASED GUIDE TO COMMON POSTSURGICAL FAILURE Fabio Garofalo, MD,1 Karl Sayegh, MD,1 Omar Abouzahr, MD,1 Henri Atlas, MD,1 Garneau Pierre, MD,1 Ronald Denis, MD,1 Michel Phile, MD,1 Radu Pecsuras, MD,1 1Hôpital Sacre-Coeur, ‘McGill University Health Center

P532 CAN OMENTOPEXY AT THE TIME OF LAPAROSCOPIC SLEEVE GASTRECTOMY HELP WITH LONG TERM POSTOPERATIVE NAUSEA AND NAUSEA-RELATED COMPLICATIONS? Georgios Orthopoulos, MD, PhD, Partha Bhutrel, MBBS, Christopher Worful, MD, Megan Goulard, NP, Anthony McCluney, MD, FACS, FASMBS, Nicole Pecqueur, 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, Raoul 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, MS, Chetan Aher, MD, Matthew D Spahn, 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? Jadim Meytes, DO, Jonathan Gumere, 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 Krimpuri, 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 GASTRECTOMY HELP WITH LONG TERM POSTOPERATIVE NAUSEA-RELATED COMPLICATIONS? Ronald Denis, MD, MPH, Subhash Kini, MD, Eric Edwards, MD, Daniel Herron, MD, Gustavo Fernandez-Ranvier, MD; ICahn School of Medicine at Mount Sinai

P540 RESOLUTION OF METABOLIC COMORBIDITIES IN POSTSURGERY BARIATRIC PATIENTS: IMPACT ON THE QUALITY OF LIFE OF THE PATIENT Evelyn Dorado, MD, Viviana Orozco, Maria Victoria Lopez; FUNDACION VALLE DEL LILI

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.V. Medvedev, A.M. Orekhesava, M.S. Kresun; ‘Odessa national medical university, Ukraine, ‘Medical university Astana, Kazakhstan

P543 THE OUTCOME OF BARIATRIC SURGERY IN ADOLESCENTS Zubaiyad Nor Hanipah, MD, Suriai 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 Richard Fletcher, MD, Rebecca Deal, John Kubasiak, Alfonso Torquati, Philip Omotoshio; 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 Wag, 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 Switzer, MD, Gabriel Marcil, MD, Shalvin Prasad, MD, Estifanos Debru, MD, Neal Church, Philip Mitchell, MD, Emma Billington, MD, Richeeck Gilil, MD; 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, Alberta, Canada

P547 LAPAROSCOPIC REVISION OF ROUX-EN-Y GASTRIC BYPASS TO DISTAL Bypass FOR WEIGHT REGAIN: MIDTERM OUTCOMES Jamil Kendall, MD, Jason Spiker, MD, FACS, Faeezah Razjouyan, MD, Nabeel Zafar, MD, Rakha Hughes, MD, Edward Cornwell, MD, Terrence Fullum, MD, Daniel Tran, MD; Howard University College of Medicine, Howard University Hospital

P548 ENDOSCOPIC PREDICTIVE VALUE FOR DIAGNOSING HIATAL HERNIA IN SLEEVE GASTRECTOMY PATIENTS Rami R Mustafa, MD, Leena Khaitan, MS, MPH, Michal R Janik, MD, Adel AlHaj Saleh, MD, Mohammed Alshehri, MD, Seyed Mohammad Kalantar Motamed, MD, MPH, Adil H Khan, MD, Tomasz Rogula, MD, Mujahid Abbas, MD; 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 PERFORATION FOLLOWING BARIATRIC SURGERY: REPORT OF 2 CASES R Bruce Schirmer, MD, Peter T Hallowell, MD, MPH, Adil H Khan, MD, Tomasz Rogula, MD, Mujjahid Abbas, MD; Department of General Surgery, University of Virginia, 2Department of Surgery, University of Cincinnati, 3Department of Surgery, Medical College of Wisconsin

P551 PRESENCE AND IMPLICATION OF CELIAC DISEASE IN BARIATRIC SURGERY PATIENTS Lindsey Freeman, MD, Andrew T Strong, MD, Gautam Sharma, MD, Suriya Punchal, MD, John H Rodriguez, MD, Donald Kirby, MD, Matthew Kroh, MD, MD; 1Section of Surgical Endoscopy, Dept. of General Surgery, Cleveland Clinic, 2Division 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 Sanjay Dhawan, Resident, 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, MD, Dongtian Yang, MD, Bin Zhu, MD, Xingli Fan, PhD, 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 Alsulaaim, MD, MPH, Aslam Ejaz, MD, MPH, Robin D Megill, MS, Megill Robin, MD, Michael A Schweitzer, MD, FACS, Thomas H Magnuson, MD, FACS, Kimblyer E Steele, MD, PhD, FACS; Department of Surgery, The Johns Hopkins University School of Medicine

P557 EFFECT OF MEDICAL WEIGHT MANAGEMENT ON PRE- AND POST-OPERATIVE WEIGHT LOSS FOR BARIATRIC SURGERY PATIENTS Abby Navratil, MD, Andrea Schwoerer, MD, Matt Pfister, MD, Keith Germs, MD, Timothy Kuwada, 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 I Ajay H Bhandarwar, MS, Chintan B Patel, MS, Saurabh S Gandhi, MS, Amol N Wag, MS, Priyank D Kothari, MS, 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, Tayyar Diwan, MD; University of Cincinnati

P560 UTILITY OF THE ONE ANATOMOSTIC GASTRIC BYPASS FOR THE TREATMENT OF DYSFUNCTIONAL GASTRIC BAND IN PATIENTS WITH MORBID OBESITY Miguel A Dorantes, MD, Jorge E Perez Figueroa, MD, Claudia C Dorantes, MD, Gerardo Bautista, MD; Centro Certificado en Cirugia 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 OBSESE DIABETIC AND NON-DIABETIC PATIENTS Fahad Alsalfar, MD, FACLS, E bass Al Ozaizi, MD, Eman Al Shawaf, PhD, Dr. Shaima Al Beloushi, Hossein Arefian, 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 Funes, MD, David Gutierrez Blanco, MD, SriGita Madiraju, MS, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMS, Samuel Szmortzein, MD, FACS, FASMS, Raul Rosenthal, MD, FACS, FASMS; 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, MS, Allison A Gullick, MS, 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 Punchal, MD, Zubaidah NorHanipah, MD, Catherine Meister, MD, Tracy Hull, MD, Luca Stocchi, MD, Philip Schauer, MD, Stacy Brethauer, MD, Ali Aminian, MD; 1Bariatric and Metabolic Institute, Cleveland Clinic, 2Colorectal Surgery, Cleveland Clinic Foundation

P565 TOTAL PARENTERAL NUTRITION AFTER BARIATRIC SURGERY: A SINGLE CENTER’S EXPERIENCE David Michael Goldberg, MD, Kevin D Helling, MD, Kamran Samakar, Malcolm T Robinson, MD, Raul Rosenthal, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMS; Cleveland Clinic Florida

P566 PREVALENCE AND PREDICTORS OF POSTOPERATIVE THIAMINE DEFICIENCY AFTER VERTICAL SLEEVE GASTRECTOMY Liyang Tang, BA, Hatim Alsulaaim, MD, MPH, Megill Robin, MS, Michael A Schweitzer, MD, FACS, Thomas H Magnuson, MD, FACS, Kimblyer E Steele, MD, PhD, FACS; The Johns Hopkins University School of Medicine

P567 BARRIERS TO COMPLIANCE WITH LONG-TERM FOLLOW-UP AFTER BARIATRIC SURGERY. David Radvinsky, MD, Mazen Iskander, MD, George Ferkli, MD, FACS; NYU Lutheran
P595 2D TO 3D CONVERSION OF CONVENTIONAL ENDOSCOPIC VIDEO: A PRELIMINARY RESULT Shih-Wei Huang, MD, Yen-Yu Wang, MS¹, Wan-Chi Hung, MS¹, Atul Kumar, PhD¹, Kai-Chen Liu, PhD¹, Jian-Hua Lin, MD¹, Jing-Jim Ou, MD¹, Ting-Chung, MD¹, Min Chang Hung, MD¹; ¹Show Chwan Memorial Hospital, ²Chang Bing Show Chwan Memorial Hospital, ³IRCAD-Taiwan

P596 SINGLE INCISION LAPAROSCOPIC PERCUTANEOUS EXTRAEPITHELIAL CLOSURE (LPEC) FOR INGUINAL HERNIA IN CHILDREN Byohei Onishi, Yoshiyuki Kawakami, Hideneri Fujii, Makoto Yoshida, Hidemaro Yoshida, Koji Doi, Toshiru Aotaake, Fumie Tanaka, Yuki Hirose; Department of Surgery, Japanese Red Cross Fukui Hospital, Fukui, 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, Shareek Nazir, MD; NYU Lutheran Medical Center

P599 TRANSCYSTIC DRAINAGE TUBE IS USEFULNESS FOR NECROTIZING FASCIITIS IS A RARE YET MORBID COMPLICATION FOR RECURRENT DIVERTICULITIS AND SPLENIC GRANULOMATOUS DISEASE Natalia Kubicki, MD¹, Stephen Kavic, MD¹, Hugo Bonatti¹; ¹University of Maryland Medical Center Surgery, ²University of Maryland Community Medical Group Surgical Care

P600 THE ROLE OF SINGLE INCISION LAPAROSCOPIC SURGERY (SILS) IN THE ILEUS OPERATION Yozo Suzuki, MD, PhD, Mitsuyoshi 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 Praneetha Narahari, MD, James Svoboda, MD; Saint Agnes Medical Providers/Saint Agnes Medical Center

P602 GASTROINTESTINAL STROMAL TUMOR IN SEVERELY ANEMIC JAHOVH’S WITNESS PATIENT: A CASE REPORT AND LITERATURE REVIEW Paul R Clark, MD; Florida State University College of Medicine

P603 DIFFICULTY ASSESSMENT FOR SINGLE-INCISION LAPAROSCOPIC SURGERY FOR SPLENIC LESIONS, Masataka Ikeda, MD, Takuya Hamakawa, MD, Sakae Maeda, MD, Mamoru Uemura, MD, Masakazu Miyake, MD, Naoki Hama, Kazuhiro Nishikawa, Atsushi Miyamoto, MD, Michihiko Miyazaki, MD, Motohiro Hirao, MD, Shoji Nakamori, MD, Mitsugu Sekimoto, MD; Osaka National Hospital

P604 PERIOPERATIVE SAFETY OF LAPAROSCOPIC SURGERY IN PREGNANT PATIENTS – ONE SURGEON’S EXPERIENCE Robert M Dorman, MD¹, Carroll M Harmon, MD, PhD², Aaron Hoffmann, MD³; ¹University of Buffalo, ²Women 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 Matsukiyok, Tomyaki Saito, Tomotaka Ishii, Manabu Kajiraoka, Tomohiko Enomoto, Natsuya Katada, Yoshishita Saiida, Shinya Kusachi; Department of Surgery, Toho University Ohashi Medical Center

P606 MEDIAN ARCUATE LIGAMENT COMPRESSION SYNDROME: LAPAROSCOPIC MANAGEMENT AND TECHNICAL ASPECTS Seda Dzhantshukanova, MD, PhD, Yury Starkov, prof, PhD, Mikhail Vyborniy, MD, PhD, Nadezhda Glagoleva, MD; Vishnevsky Institute of Surgery

P607 THE OUTCOMES OF PROTACIK® AND N-BUTYL CYANOACRYLATE HISTOACRYL® GLUE FOR MESH FIXATION IN LAPAROSCOPIC TOTALLY EXTRA-PERITONEAL (TEP) INGUINAL HERNIA REPAIR Pakpoom Tirawattanakul, Dr, Panot Yimcharoen, Dr, Poschong Suesat, Dr, Sethasiri Pantananakul, Dr, Jadsada Athigukagorn, Dr, Petch Kasetewuran, Dr; Bhumiob Adulyadej Hospital

P608 SIMULTANEOUS ELECTIVE LAPAROSCOPIC Sigmoid Colectomy and Splenectomy for recurrent diverticulitis and splenic granulomatous disease Natalia Kubicki, MD¹; ¹University of Maryland Medical Center Surgery

P610 A STUDY OF 56 CASES OF SINGLE-INCISION GASLESS TRANSMURAL LAPAROSCOPY-ASSISTED APPENDECTOMY FOR ACUTE APPENDICITIS. Yusuke Nishi, MD, Naoki Mukai, MD, Katsuki Tomofuji, MDA, Takaaki Takebayashi, MD, Naoki Ishida, MD, Hujime Satou, MD, PhD, Yoshinori Imai, MD, PhD, Jota Watanabe, MD, PhD, Kenji Nezu, MD, PhD, Kenzo Okada, MD, PhD, Yoshikazu Sakao, MD, PhD, ShinSusuke Kawajiwara, MD, PhD; Uwajima city hospital

P611 IS SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY DEAD? Adrian Maghair, George Deuje, Dan Curtin, Marius Sfrilea, Codrua Macovei; Spitalul Pelican Oradea

P612 THE SURGICAL OUTCOMES OF LAPAROSCOPY-ASSISTED PYLORUS-PRESERVING GASTRECTOMY FOR EARLY GASTRIC CANCER Motohiro Chuma, Shinichi Sakuramoto, Kenichi Aratani, Mitsuo Wakata, Yutaka Miyawaki, Hisashi Gunji, Hiroshi Sato, ShigeKyo Yamaguchi, Kojun Okamoto, Isamu Koyama; Saitama Medical International Medical Center Gastrointestinal Surgery

P613 LAPAROSCOPIC DISTAL PANCREACTECTOMY IN PANCREATIC CANCER: SINGLE CENTRE EXPERIENCE OF SHORT AND LONG TERM OUTCOMES Ho Seong Han, Professor¹, Yoo Seok Yoon¹, Gaurav Chaubal²; ¹Seoul National University Bundang Hospital, South Korea, ²Global Hospital, Mumbai

P614 LAPAROSCOPIC HIATAL HERNIA HERNIA REPAIR: 15 YEAR EXPERIENCE AT A SINGLE INSTITUTION J. D. Montorfano, MD, Federico Perez Quirante, MD, Nishu Dhanabalamsy, MD, Joongmin Park, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Raul Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

P615 CRACKING THE CODE FOR EARLY DISCHARGE WITHOUT READMISSION FOLLOWING LAPAROSCOPIC VERTICAL SLEEVE GASTRECTOMY (VSG) Courtney Cripps, MD¹; Deborah Allis, PAC, MBA⁰; Mitchell Roslin, MD, FACS; ¹Northwell Health-Lenox Hill Hospital, ²Northern Westchester Hospital

P616 ANALYZING THE BENEFITS OF A MINIMALLY INVASIVE ESOPHAGECTOMY FOR ESOPHAGEAL CANCER IN A VETERANS AFFAIRS MEDICAL CENTER. Matthew D Skancke, MD, Fredrick 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 CATHETER 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 Kpata, 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
P678 BI-PHASIC LEARNING CURVE OF ROBOTIC-ASSISTED LOBECTOMY WITH VIDEO-ASSISTED THORACOSCOPIC EXPERIENCE
Frank O Velez-Cubian, MD; Kavian Toosi, BS; Bryce Montane, BS; Kathryn Rodriguez, MD; Carla C Moodie, PAC; Joseph R Garrett, MPH, ARNP; Jacques P Fontaine, MD; Eric M Tolosa; 1Department of Surgery, University of South Florida Morsani College of Medicine, Tampa FL; 2University of South Florida Morsani College of Medicine, Tampa FL; 3Department of Thoracic Oncology, Moffitt Cancer Center, Tampa FL
P679 EFFECTIVENESS, SAFETY AND FEASIBILITY OF ROBOTIC-ASSISTED GASTRIC NEUROSTIMULATOR 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 Gastraparesis Sherhard 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; Ravi Shridhar, MD, PhD; Jamie Huston, MS; Mokenge Malafa, MD; Pedro Briceno, MD; Florida State University, Sarasota Memorial Health Care System, Madison, Wisconsin, Madison,
P682 NEW APPLICATION FOR THE ROBOTIC PLATFORM: GENDER REASSIGNMENT (SEX CHANGE) SURGERY Jean-Francois Tremblay; Slawomir Marecik, Loren Schechter, 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; Jamison Huston, BS; Oya Andacoglu, MD; Pedro Briceno, MD; Ravi Shridhar, MD, PhD; Florida State University, Sarasota Memorial Healthcare System, Madison, Wisconsin, Madison,
P685 INGUINAL HERNIA REPAIR: IS THERE A BENEFIT TO USING THE ROBOT? Eric J Charles, MD, J Hunter Methaffey, MD, Carlos A Tache-Leon, MD, Peter T Hallowell, MD, Robert G Sawyer, MD, Zequn Yang, MD; University of Virginia Health System
P686 ROBOTIC-ASSISTED LAPAROSCOPIC SURGERY: THE EXPERIENCE OF A Resident Michael J Janorczyk, MD; Adam Kopelan, MD, Ernest Ginals, MD; Mammouth Medical Center, Long Branch, 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, FRCSed, Gen; Enders K Ng, FRCSed, 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, Aizhen 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, Youn 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 INGUINAL HERNIA REPAIR David S Edelman, MD; Baptist Health, Doctors Hospital
P695 ROBOTIC INGUINAL 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 M Fruscione, MD, MBA, E Baker, MD, A Cochran, MSPH, J Martinie, MD, FACS, D Vrochides, MD, PhD, FACS, FRSCC, D Iannitti, MD, FACS; Carolinas Medical Center
P699 LAPAROSCOPIC POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY FOR PRIMARY HIPERALDOSTERONISM. 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 Klasson, 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, FRCP, Maria Tsatoumas, MD, FRCP, Liane S Feldman, MD, FRCS; McGill University
P702 A NEW APPROACH FOR SINGLE PORT LAPAROSCOPIC ADRENALECTOMY USING LOW PROFILE TROCARS Senol Carilli, MD; Bulent Gurbuz, MD; Orhan Agraoglu, MD; Onur Bayram, MD, Derya S Uymaz, MD; Cagri Bilgic, MD; Serdar Tezelman, MD; ‘VKV American Hospital, General Surgery Clinic, ‘Koc 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 Jamaedlin, MD; Awad O Mohamed, MD; Hamad Al Zaabi, MD; Amira Babiker, MD; Brian Gill, MD, MD; Angad Elshafie, MD; Abdelrahman A Nimeri, MD; ‘ACGME-accredited Abu Dhabi Integrated General Surgery Residency, ‘Tawam Hospital, ‘Sheikh Khalifa Medical City
P704 LAPAROSCOPIC PARTIAL SPLENECTOMY IN A CASE OF A CONGENITAL EPIDERMOID CYST Nihat Aksakal, Selim Dogan, Ali Fuat Kaan Gok, 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 Agraoglu, MD; Nihat Aksakal, MD, Selim Dogan, MD; Ibrahim Azamat, MD; Umut Barbaros, MD; ‘Koc University, School of Medicine, Department of General Surgery, ‘Istanbul 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 Bingen; 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
EPT712 A NOVEL GRASPING FORCEPS SYSTEM HAVING REAL HAPTIC FEEDBACK IN A FLEXIBLE MASTER-SLAVE ROBOTIC SURGERY - IMPACT ON TISSUE DAMAGE Norihito Wada, MD, PhD, FACS; Kyoko Okuda, MA, Kazumi Kuboi, RN, Tetsuya Nakamura, MD, PhD; Tadateru Maehata, MD, PhD; Takuya Matsunaga, Takahiro Nozaki, PhD; Kouhei Ohnishi, PhD; Naohisa Yahagi, MD, PhD; Yoko Kitagawa, MD, PhD, FACS; Keio University School of Medicine, Fujita Health University School of Medicine, Faculty of Science and Technology, Keio University

EPT713 REPAIR METHOD TO LUSCHKA’S DUCT INJURY DURING LAPAROSCOPIC CHOLECYSTECTOMY Shingo Ishida; Fukuoka new mizumaki hospital

EPT714 CYCLOPS: AN ENDOSCOPE ATTACHMENT FOR ENDOSCOPIC SUBMUCOSAL DISSECTION George P Mylonas, PhD, Nisha Patel, PhD, Julian Teare, PhD, Ara Darzi, PhD; Imperial College London

EPT715 INDOCYANINE GREEN (ICG) FLUORESCENCE IMAGING FOR PRESERVING PARATHYROID GLANDS AND ITS FUNCTION IN TRANSRECTAL ENDOSCOPIC THYROIDECTOMY VESTIBULAR APPROACH (TOETVA) Khwannara Ketwong, Angkoon Anuwong, Pornpeera Jitratoom; Police General Hospital

EPT716 PRACTICAL USE OF FUNADA-STYLE GASTROPEXY DEVICE II John C Kubasiak, MD, Sam C Klonoski, MD; Rush University Medical Center, University of Nebraska Medical Center

EPT717 UTILIZATION OF THE PROANALYST 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

EPT718 THE AUTOLAP SYSTEM AS A PROMISING PLATFORM FOR IMPROVING LAPAROSCOPIC SURGERY Aaron J Berkenwald, MD, Dmitry Nepomnyashy, MD, FACS, Mattew Rade, MD, Desmond H Birkett, MD; Lahey Medical Center

EPT719 NOVEL T-FASTENER FIXATION DEVICE AND SKIN ANCHOR KIT FOR LAPAROSCOPIC FEEDING TUBES Steve Siegal, MD, James Dolan, MD, Oregon Health and Science University

EPT720 TEACHING CUES FOR AUTOMATED VIRTUAL COACHING FOR LAPAROSCOPIC FEEDING TUBES Anand Malpani, S. Swareep Vedula, Henry C Lin, PhD, Gregory D Hager, PhD; Johns Hopkins University, Intuitive Surgical Inc.

EPT721 ARCHELIS, A NEW SURGICAL WEARABLE CHAIR WITHOUT IMPACT ON TISSUE DAMAGE Lincoln, Pagkratis, MD; Houston Methodist Hospital, INCLUDING AUTOMATIC SURGERY STEPS TRACKING AND A LARGE FIELD OF VIEW FOR LAPAROSCOPIC INCISIONAL HERNIA REPAIR John C Kubasiak, MD, Sam C Klonoski, MD, Samantha Millikan, Benjamin Veenstra, MD, Jose Velasco, MD, Minh B Luu, MD; Rush University Medical Center

EPT722 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 Mammas, MD, MSc, PhD; Hellenic Ministry of Education-Program of Excellence-ARIS Hypercomputer

EPT723 TWO-ARMED MINIATURE ROBOTS FOR LAPAROENDOSCOPIC SINGLE-SITE ABDOMINAL SURGERIES Lou Cubrich, Spyridon Packratis, MD, Dmitry Oleynikov, MD, Shane Farritor, PhD; University of Nebraska Lincoln, University of Nebraska Medical Center

EPT724 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 Garbye, PhD; Houston Methodist Hospital

EPT725 TOOL EXCHANGER FOR MODULAR ROBOTIC SURGICAL TOOLS Raul Garay-Romero, Akshay Pratap, MD, Crystal Krause, PhD; Dmitry Oleynikov, MD, Carl Nelson, PhD; University of Nebraska Lincoln, University of Nebraska Medical Center

EPT726 LABORATORY EVALUATION OF 3D SURGICAL VIDEO SYSTEMS Mairead Smith, Project Engineer; ECRi Institute

EPT727 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, Hyunsuk Suh, MD; Mount Sinai Beth Israel

EPT728 VALIDATION OF A LAPAROSCOPIC FERROMAGNETIC TECHNOLOGY BASED VESSEL SEALING DEVICE AND COMPARATIVE STUDY TO ULTRASONIC AND BIPOLAR LAPAROSCOPIC DEVICES Jennwood Chen, MD, Curtis R Jensen, MS, Preston K Manwarising, MSEE, PhD, Robert E Glasgow, MD; University of Utah Hospitals, Domain Surgical Inc

EPT729 BIMANUAL AUTONOMOUS ANASTOMOSIS OF THE VAGINAL CUFF USING THE SMART TISSUE AUTONOMOUS ROBOT (STAR) Justin Opferrman, MS, Simon Leonard, PhD, Ryan Decker, MS, Christopher Bayne, MD, Aline Broch, MD, Axel Krieger, PhD; Children’s National Medical Center, Johns Hopkins University

EPT730 CINLUMA: A NOVEL THERMO-COAGULATION DEVICE TO TREAT CERVICAL INTRAEPITHELIAL NEOPLASMS IN RESOURCE POOR SETTINGS Jennwood Chen, MD, Timothy Pickett, Ashley Langell, Ashley Tran, Brian Charleshworth, Kris Loken, Sarah Lombardo, MD, John T Langell, MD; University of Utah Hospitals, Liger Medical

EPT731 DEVELOPMENT OF A FULL-LENGTH SLEEVE GASTRECTOMY STAPLER Jonathan Thompson, MD, Vikrom K Dhar, MD, Dennis J Hanseman, 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

EPT732 A NOVEL CABLE-FREE WIRELESS INSERTABLE SURGICAL CAMERA FOR MINIMALLY INVASIVE LAPAROSCOPIC SURGERY Nina Li, Gregory J Mancini, MD, FACS, Jindong Tan, PhD; The University of Tennessee

EPT733 MULTI CORE NEEDLE ENDOSCOPY Asaf Shahmoon, PhD, Zeev Zalesky, PhD; Z Square ltd, 27 Habarzel St., Building A, Ramat Hachayal, Tel Aviv, 6971039, Israel

EPT734 TURNING DIS-EASE INTO EASE Chris Landon, MD, Michael Seres, CEO, Larry Suarez; Ventura County Medical Center, 11 Health Campus, 1100 McFadden Avenue, Suite 150, Santa Ana, CA

EPT735 TRANSPORTAL PLATFORM FOR NOTES UGI SURGERY, NOTABLY TRANSPORTAL CARDIOMYOTOMY FOR ACHALASIA CARDIA Sanjiv P Haribhakti, MS, DNB, MCh; Kaizen Hospital, Institute of GE

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Steven Hansen, MD, Michael S Hansen, MD, Peter Funch-Jensen, MD, DMD, Professor; Aalborg University Hospital, Vrinno, Department of Clinical Medicine, Aarhus University

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ETP742 “ROLE OF REAL TIME INDOCYANINE GREEN ANGIOGRAPHY WITH FLUORESCENT IMAGING IN LAPAROSCOPIC RADICAL NEPHRECTOMY FOR RENAL CELL CARCINOMA”
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Per Holmström, MD, Arestis Sokratous, MD, Lars Enenckson, MD, PhD, Evangelos Georgiou, 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

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Insoo Suh, MD, Jonathan Cee, MS, Jeremy Koehler, MS, Mark L Welton, MD; University of California, San Francisco, Prescient Surgical, Inc, Stanford University

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Mehran D Jafari, MD, Joseph C Carmichael, MD, Alessio Piazzai, MD, PhD; University of California, Irvine, School of Medicine

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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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