Proud Gold Sponsor

Join us at SAGES 2015 Annual Meeting

Visit us at booth #311.
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**WEDNESDAY, APRIL 15, 2015**

1. Postgraduate Course: Advances in Foregut Surgery
2. Postgraduate Course: The Recurrent Hernia – Strategies for Success
3. Postgraduate Course: Endolumenal Management of Complications
4. Career Development Seminar
5. Postgraduate Course: Current Common Dilemmas in Colorectal Surgery
6. Panel: Lessons Learned from Around the World (joint with EAES)
7. Panel: Perioperative Care – Evidence Based Practice in 2015
8. The 9th Annual SAGES Foundation Awards Luncheon
9. SS1 Video Presentations - Colorectal & Hernia
10. SS16A Video Presentations - HPB & Bariatric
11. SS16B Video Presentations - Foregut
12. SS17 - Colorectal
13. SS19 - Foregut
14. SS20 - Obesity/Sleeve
15. SS27 - MIS Potpourri
16. SS28 - MIS
17. SS29 - Robotics
18. SS30 - HPB & Bariatric
19. SS31 - HPB & Bariatric
20. SS32 - Outcomes & Complications
21. SS33 - Metabolic/Bariatric
22. SS34 - Lessons Learned from Military Surgery
23. SS35 - Candidate Networking Townhall Meetings

**THURSDAY, APRIL 16, 2015**

1. Full-Day Military Surgical Symposium
2. SS2 Video Session - MIS for Foregut Diseases
3. Postgraduate Course: Updates in Abdominal Wall Management
4. Postgraduate Course: FUSE™ - Preparation/Refresher Course
5. Symposium: Minimal Access – Lessons from NOTES and Single Site Surgery
6. Panel: Complex and Unusual Esophageal Disorders (joint with SSAT)
7. SS3 - Cholecystectomy
8. SAGES Guest/Spouse Breakfast – In Memory of Barbara Marks
9. Humanitarian Lecture – Horacio Asburn, MD
10. "Global Surgery: Leveraging Laparoscopy to Improve Overall Surgical Care"
11. SS4 Video Presentation – Solid Organ
12. Carl Storz Lecture – Ed Viesturs
13. "No Shortcuts to the Top: Climbing the World’s Highest Peaks"
14. Educator’s Luncheon
15. SSA Video Presentation - Foregut
16. SS6 - Flexible/Therapeutic Endoscopy
17. Postgraduate Course: HPB / Robotics
18. Hands-On Course: All Things Hernia
20. Panel: Management of Unusual and Complex Cases (joint with JSES)
21. Panel: SAGES Talks
22. Panel: The Science Behind Diabetes Therapy
23. SSSB Video Presentation - Foregut
24. Panel: Avoiding Bile Duct Injury and Other Untoward Outcomes
25. Panel: Open to MIS – What is Taking Us So Long?

**FRIDAY, APRIL 17, 2015**

26. SS7 - Abdominal Wall
27. SS8 - HPB
28. SS9 - Scientific Investigation
29. SS10 - Top Hernia Videos
30. Mock Trial: See You in Court – Legal Consequences of Bile Duct Injury during Laparoscopic Cholecystectomy
31. Panel: MIS Jeopardy
32. Debate: Adolescent Achalasia – The Great Debate (joint with IPEG)
33. SS11 - Plenary Session 1
34. Presidential Address – L. Michael Brunt, MD
35. "A SAGES Magical Mystery Tour"
36. Gerald Marks Lecture – Frank R. Lewis, MD
37. "Surgical Residency Redesign: What needs to change?"
38. SS12 - Emergency/General Surgery
39. SS13 - Hernia
40. SS14 - MIS Potpourri
41. SS15 - Robotics
42. SS16A Video Presentations - HPB & Bariatric
43. SS16B Video Presentations - HPB & Bariatric
44. SS17 - Colorectal
45. SS18 - Education / Simulation
46. SS19 - Foregut
47. SS20 - Obesity/Sleeve
48. SS27 - MIS Potpourri
49. SS28 - MIS
50. SS29 - Robotics
51. SS30 - HPB & Bariatric
52. SS31 - HPB & Bariatric
53. SS32 - Outcomes & Complications
54. SS33 - Metabolic/Bariatric
55. Panel: Lessons Learned from Military Surgery
56. Candidate Networking Townhall Meetings

**SATURDAY, APRIL 18, 2015**

57. Panel: Adolescent Bariatric Surgery (joint with IPEG)
58. Community Practice Townhall
59. Industry Educational Events
60. SS24 - Videos of Distinction
61. SS25 - NOTES / Transanal
62. SS26 - Cancer
63. SS27 - Plenary Session 2
64. SAGES Annual General Membership Business Meeting
65. Advocacy Luncheon
66. SS28 - Top Posters/Posters of Distinction
67. Session: Top 21 Videos - Expecting the Unexpected
68. Panel: Building and Optimizing A Surgical Practice
70. SAGES Mini Medical School for High School Students
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81. SAGES 2015 Exhibitors
General Information

Surgical Spring Week
Location
Gaylord Opryland Hotel & Convention Center
(part of the Marriott portfolio of brands)
2800 Opryland Dr
Nashville, TN 37214

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 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
Location: Delta Lobby B-D

<table>
<thead>
<tr>
<th>Date</th>
<th>Times</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, April 14, 2015</td>
<td>12:00 PM - 5:00 PM</td>
</tr>
<tr>
<td>Wednesday, April 15, 2015</td>
<td>6:30 AM - 6:30 PM</td>
</tr>
<tr>
<td>Thursday, April 16, 2015</td>
<td>6:30 AM - 5:30 PM</td>
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<tr>
<td>Friday, April 17, 2015</td>
<td>6:30 AM - 5:30 PM</td>
</tr>
<tr>
<td>Saturday, April 18, 2015</td>
<td>7:00 AM - 2:00 PM</td>
</tr>
</tbody>
</table>

Exhibits Hours – NEW Wednesday Hours & Saturday is Closed!

<table>
<thead>
<tr>
<th>Date</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, April 15: Exhibit Hours</td>
<td>12:00 pm - 3:30 pm</td>
</tr>
<tr>
<td></td>
<td>5:30 pm - 7:30 pm</td>
</tr>
<tr>
<td>Thursday, April 16: Exhibit Hours</td>
<td>9:30 am - 4:00 pm</td>
</tr>
<tr>
<td></td>
<td>12:00 pm - 1:30 pm</td>
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<tr>
<td></td>
<td>3:00 pm - 3:30 pm</td>
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<tr>
<td>Friday, April 17: Exhibit Hours</td>
<td>9:30 am - 4:00 pm</td>
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<tr>
<td></td>
<td>12:30 pm - 2:00 pm</td>
</tr>
<tr>
<td></td>
<td>3:30 pm - 4:00 pm</td>
</tr>
<tr>
<td>Saturday, April 18: Exhibit Hours</td>
<td>CLOSED</td>
</tr>
</tbody>
</table>

Exhibits will take place in Ryman Exhibit Hall C.

Getting Around / Shuttle Info:
http://www.sages2015.org/travel-information/transportation/

Hotel Shuttle is available to Gaylord Springs Golf Links, downtown Nashville and the Grand Ole Opry. To purchase tickets, please contact the concierge desk at (615) 871-6169; or from your hotel room, phone ext. 16169.

SAGES Free Shuttles will be located at the Delta Portico, outside of Delta Lobby A:
- Thursday, April 16 from 6:00pm to 11:00pm – will operate continuously between the Gaylord Opryland and Downtown Nashville
- Friday, April 17 from 6:30pm to the Gala at the Wildhorse Saloon; the last departure from the Wildhorse Saloon back to the Gaylord Opryland will be at 11:30pm

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 Nashville area.

Have a safe & secure meeting!

IPEG Annual Congress
meets concurrent to SAGES.
Attend the IPEG Scientific Session for only $150.
See page 105 for their program outline.

Attend the IPEG Scientific Session for only $150.
See page 105 for their program outline.
EXPERIENCE THE DIFFERENCE

Take a few minutes before your dinner plans, by joining us for complimentary drinks and hors d’oeuvres and learn about our new Permanent and Absorbable Fixation Systems.

Compare Bard Davol’s NEW mesh fixation devices in a HANDS-ON DEMO against what you currently use!

OptiFix™ Absorbable Fixation
Secure fixation in a reliable, easy to use and ergonomic design

Capsure™ Permanent Fixation
Safe, strong and reliable fixation

Thursday, April 16, 2015
5:30 – 7:30pm
Gaylord Opryland Hotel & Convention Center
Jackson AB Room
Presidential Mezzanine, Level M

Visit us at Booth #504 for more information on our complete line of Fixation products.

Please register today!
www.davol.com/fixation-reception
or contact your local Bard Davol representative.

In accordance with the AdvaMed Code of Ethics, this program is limited to Healthcare Professionals only who have a bona fide interest in the presentation topic.
We are prohibited by state law from providing meals to Healthcare Professionals licensed in the state of VT.
Consult product labels and inserts for any indications, contraindications, hazards, warnings, cautions and instructions for use.
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DAV/XNAB/0215/0052a
INNOVATING FOR THE FUTURE OF SURGERY

ENDOEYE FLEX 3D
Restoring Natural Vision and Depth Perception without Compromise

THUNDERBEAT
Fastest Cutting with Best-in-Class Vessel Sealing from a Single Instrument for Laparoscopic & Open Surgery

Please visit us at booth #522

To contact an Olympus representative call 800-848-9024 or visit www.medical.olympusamerica.com/sages

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News for SAGES 2015

Each session has been assigned a relevant Learning Theme(s) and appropriate Guideline(s) will be referenced. Look for more details by each session and in the SAGES 2015 Meeting App.

SAGES will be using the SAGES 2015 Meeting App to handle Audience Response, Questions From the Floor, and General Meeting Announcements.

If you wish to participate, please be sure to have an iOS and/or Android device, the SAGES 2015 Meeting App, and create an account for use inside the App.

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

SAGES Recognition of Excellence Award
Log onto SAGESPAGES to learn To Whom, From Whom and Why. SAGES will announce recipients of the 2015 SAGES Recognition of Excellence Coin online.

Unique Features of the 2015 SAGES Meeting
» Business Casual attire – Ties are optional or you can purchase one in our onsite SAGES store.
» Learn essentials of minimally invasive and open general surgery including updates in hernia, biliary, foregut, endocrine, bariatric, colorectal and oncologic surgery.
» Attend comprehensive postgraduate courses including new programs covering endolumenal management of complications, career development, bariatric revisions, robotics and FUSE amongst others.
» Enjoy a Collaborative Conference with our Joint Armed Forces colleagues and IPEG
» New this year TED-X Style talks
» Patient Safety issues are identified and highlighted within in focused sessions and specific lectures
» Attend Joint sessions with AAST, EAES, IPEG, KSELS, SSAT, and Program of the Americas
» Heckle previous Presidents as they debate current topics
» Enjoy the New * EXHIBIT HALL VIDEO PRESENTATIONS *
» Check out your medical colleagues’ “fund of knowledge” at the MIS Jeopardy session
» Relax at the Exhibit Hall Oasis for informal gatherings and re-charge your electronic devices!
» Gala and Sing-Off at World famous Wildhorse Saloon
» iOS + Android App!
Opryland Hotel and Convention Center Information

1. Gaylord Opryland Hotel & Convention Center – Headquarters Hotel & meeting location
Marriott portfolio of brands
2800 Opryland Drive, Nashville, TN 37214
Phone: 615-889-1000

The Inn at the Opryland, A Gaylord Hotel Overflow Hotel
2401 Music Valley Drive, Nashville, TN 37214
Phone: 615-889-0800

Childcare Option - Hotel Recommended:
Family Care Connection
http://www.familycareconnection.net/hotel.htm
Tel: 615-371-0600
The Foundation for Surgical Fellowships provides grants to institutions that offer post-graduate clinical fellowships and is dedicated to leading the way for innovative surgical educators to apply the principles of complex advanced surgical training in patient care.

**NEED**

More than 80% of graduating general surgery residents pursue Fellowship training.

**RESPONSE**

Enhancing the average of 90 complex cases during residency with 275 cases per average Fellowship year.

**RESULT**

- FSF Funding + Complex Surgical Fellowship Programs
- Available Expert Surgeons for Complex Surgery
- Improved Patient Care

**THE FSF**

Providing the funding for transformative surgical training

**SOLUTION**

Your gift to the FSF helps ensure needed training remains available for each generation.

**IMPACT THE SOLUTION: DONATE TODAY**

Make a donation online before you leave Nashville! Donate Today at: [www.surgicalfellowships.org/becomedonor.php](http://www.surgicalfellowships.org/becomedonor.php)

For more information about the FSF or to discuss making a tax deductible donation, please email Colleen@surgicalfellowships.org or call the Foundation at 310-424-3332, ext. 114.

Please mail any donations or inquiries to 11300 W. Olympic Blvd, Suite 600, Los Angeles, CA 90064

www.facebook.com/FoundationforSurgicalFellowships

“My fellowship strengthened my skills which were inadequate following residency. After my fellowship I was able to introduce new procedures in several hospitals.”

— Former FSF Funded Flexible Endoscopy Fellow

**UNMATCHED ROBOTICS EDUCATION**

**Simbionix RobotiX Mentor™**

- The only robotic simulator to provide complete procedure simulated cases
- Comprehensive curriculum from basic skills to complete clinical procedures
- The only robotic surgery simulator fully integrated online for efficient simulation curriculum management

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Simbionix Products | Simbionix@3Dsystems.com | 1-866-746-2466
### SAGES 2015 Schedule at a Glance

**Program Chair: Aurora D. Pryor, MD; Co-Chair: Michael D. Holzman, MD, MPH**

#### Wednesday, April 15, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 11:00 AM</td>
<td>Postgraduate Course: Current Common Dilemmas in Colorectal Surgery</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Half-Day Postgraduate Course: Advances in Foregut Surgery</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Half-Day Postgraduate Course: The Recurrent Hernia - Strategies for Success</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Career Development Seminar</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Half-Day Postgraduate Course: Endolumenal Management of Complications</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>9:30 AM - 12:00 PM</td>
<td>Panel: Lessons Learned from Around the World (joint with EAES)</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Exhibits and SS1: Video Presentations - Colorectal &amp; Hernia (non-CME)</td>
<td>Ryman Exhibit Hall C &amp; Theater</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Postgraduate Course: Bariatric Revisions from Historical Operations</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: Endoscopic Complications</td>
<td>Ryman Exhibit Hall B6</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: Career Breakouts</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Debate: Inguinal Hernia Debates</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Panel: Colorectal Strategies to Minimize the Impact of Surgery</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Panel: Technology Innovation from Overseas (Program of the Americas)</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Endocrine Surgery - Balancing Innovation and Quality</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: GI Cancer Management (joint with KSELS)</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Innovation in the US - The Future of Surgical Innovation</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>4:00 PM - 5:00 PM</td>
<td>Panel: FDA Advisory On Duodenoscopes</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>5:00 PM - 5:30 PM</td>
<td>Opening Session - SAGES Early History Movie</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>Welcome Reception in Exhibit Hall</td>
<td>Ryman Exhibit Hall C</td>
</tr>
</tbody>
</table>

#### Thursday, April 16, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Full-Day Military Surgical Symposium</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Postgraduate Course: Updates in Abdominal Wall Management - Mesh Theory, Tissue Use, Complex Locations</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Postgraduate Course: FUSE™ - Preparation/Refresher Course</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Symposium: Minimal Access - Lessons from NOTES and Single Site Surgery</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Panel: Complex and Unusual Esophageal Disorders (joint with SSAT)</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>7:30 AM - 9:00 AM</td>
<td>SS2 Concurrent Session: Video Session: MIS for Foregut Diseases</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>9:00 AM - 10:00 AM</td>
<td>SAGES Guest/Spouse Breakfast</td>
<td>Washington B</td>
</tr>
<tr>
<td>9:00 AM - 10:30 AM</td>
<td>SS3 Concurrent Session: Cholecystectomy</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>9:30 AM - 4:00 PM</td>
<td>Exhibits, Poster Session &amp; Learning Center Open</td>
<td>Ryman Exhibit Hall C &amp; Theater</td>
</tr>
<tr>
<td>9:30 AM - 10:30 AM</td>
<td>SS4 Concurrent Session: Exhibit Hall Video Presentations - Solid Organ (non-CME)</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>10:45 AM - 11:15 AM</td>
<td>Keynote: Humanitarian Lecture – Horacio Asbun, MD</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>11:15 AM - 12:00 PM</td>
<td>“Global Surgery: Leveraging Laparoscopy to Improve Overall Surgical Care”</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Educator’s Luncheon</td>
<td>Washington B</td>
</tr>
<tr>
<td>12:00 PM - 4:00 PM</td>
<td>SS5 Concurrent Session: Exhibit Hall Video Presentations - Foregut</td>
<td>Ryman Hall C - Theater</td>
</tr>
<tr>
<td>1:30 PM - 5:00 PM</td>
<td>Postgraduate Course: HPB / Robotics- Current State of MIS Hepatopancreatobiliary Surgery</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: All Things Hernia</td>
<td>Ryman Exhibit Hall B6</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: Minimal Access Tricks and Techniques</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>SS6 Concurrent Session: Flexible/Therapeutic Endoscopy</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: Management of Unusual and Complex Cases (joint with JSES)</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: SAGES Talks</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: The Science Behind Diabetes Therapy - Surgery, Medical Updates and Mechanisms</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>3:00 PM - 3:30 PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>3:00 PM - 5:00 PM</td>
<td>Panel: Avoiding Bile Duct Injury and Other Untoward Outcomes - Optimizing Your Approach to Cholecystectomy</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Adolescent Bariatric Surgery - What Every Surgeon Should Know ( joint with IPEG)</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>4:30 PM - 5:30 PM</td>
<td>Community Practice Townhall Meeting</td>
<td>Bayou E</td>
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</tbody>
</table>

**Industry Education Events (non-CME):**

- 5:30 PM - 7:30 PM | DAVOL INC., a BARD Company                                                   | Jackson A/B       |
- 5:30 PM - 7:30 PM | INTUITIVE SURGICAL                                                            | Presidential Chamber B |
- 5:30 PM - 7:30 PM | OLYMPUS AMERICA, INC.                                                         | Jackson E/F        |
# SAGES 2015 Schedule at a Glance

## Friday, April 17, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td>Mock Trial: See you in Court - Legal Consequences of Bile Duct Injury during Laparoscopic Cholecystectomy</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td>Panel: MIS Jeopardy</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td>Debate: Adolescent Achalasia - The Great Debate (joint with IPEG)</td>
<td>Tennessee Birm A/B</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td>SS7 Concurrent Session: Abdominal Wall</td>
<td>Delta Ballroom D</td>
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<tr>
<td>7:30 AM - 8:30 AM</td>
<td>SS8 Concurrent Session: HPB</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td>SS9 Concurrent Session: Scientific Investigation</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td>SS10 Concurrent Session: Top Hernia Videos</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>8:30 AM - 10:00 AM</td>
<td>SS11: Plenary Session 1</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>9:30 AM - 4:00 PM</td>
<td>Exhibits, Poster Session &amp; Learning Center Open</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>10:00 AM - 10:45 AM</td>
<td>Keynote: Presidential Address – L. Michael Brunt, MD “A SAGES Magical Mystery Tour”</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>10:45 AM - 11:30 AM</td>
<td>Keynote: Gerald Marks Lecture – Frank R. Lewis, MD “Surgical Residency Redesign: What needs to change?”</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>Debate: Presidential Debates</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>Military Surgical Symposium</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>SS12 Concurrent Session: Emergency/ General Surgery</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>SS13 Concurrent Session: Hernia</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>SS14 Concurrent Session: MIS Potpourri</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>SS15 Concurrent Session: Robotics</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>SS16 Concurrent Session: Exhibit Hall Video Presentations - HPB &amp; Bariatric</td>
<td>Ryman Hall C - Theater</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td>Panel: Acute Care Session - Maximizing Patient Care in Emergency General Surgery (joint with AAST)</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td>SS17 Concurrent Session: Colorectal</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td>SS18 Concurrent Session: Education/ Simulation</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td>SS19 Concurrent Session: Foregut</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td>SS20 Concurrent Session: Obesity/ Sleeve</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td>Symposium: SAGES SMART™ Program</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>3:30 PM - 5:30 PM</td>
<td>Session: Emerging Technology (non-CME)</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>3:30 PM - 5:30 PM</td>
<td>SS21: Resident/Fellow Scientific Session</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>3:30 PM - 4:00 PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td>Panel: Complex Paraesophageal Hernias</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td>Panel: Lessons Learned from Military Surgery - Transition Back into Practice</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td>SS22 Concurrent Session: Outcomes &amp; Complications</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td>SS23 Concurrent Session: Metabolic/ Bariatric</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>5:30 PM - 6:30 PM</td>
<td>Candidate Networking Townhall Meeting</td>
<td>Bayou E</td>
</tr>
<tr>
<td>6:30 PM - 7:30 PM</td>
<td>Meet the Leadership Reception for Residents/Fellows &amp; New Members</td>
<td>Delta Lobby A</td>
</tr>
<tr>
<td>7:30 PM - 11:00 PM</td>
<td>SAGES Gala &amp; International Singoff</td>
<td>Wildhorse Saloon</td>
</tr>
</tbody>
</table>

## Saturday, April 18, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Panel: Simulation and Telerobotics - Partnering with the Military</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>SS24 Concurrent Session: Videos of Distinction</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>8:30 AM - 9:30 AM</td>
<td>SS25 Concurrent Session: NOTES/ Transanal</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>8:30 AM - 9:30 AM</td>
<td>SS26 Concurrent Session: Cancer</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>9:30 AM - 11:30 AM</td>
<td>SS27: Plenary Session 2</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>11:30 AM - 12:15 PM</td>
<td>SAGES Annual General Membership Business Meeting</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>12:15 PM - 1:30 PM</td>
<td>Advocacy Luncheon</td>
<td>Washington B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Session: Top 21 Video - Expecting the Unexpected</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: Building and Optimizing A Surgical Practice</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: Quality Practices in Surgical Education and Training</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>SS28 Concurrent Session: Top Posters/ Poster of Distinction Presentations (non-CME)</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>7:30 AM - 2:00 PM</td>
<td>Mini-Medical School Boot Camp (non-CME)</td>
<td>Bayou C/D</td>
</tr>
</tbody>
</table>
The revolutionary absorbable subcuticular new patient-centric standard for skin closure...

just got shorter!

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INSORB®
Shorty

Rapid Knotless Port Closure

8 Staples

an absorbable subcuticular staple for skin closure

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- **65%** eliminated all reflux medication

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1Surgical Endoscopy 2015 Jan;29(1):220-9

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info@medigus.com | musesystem.com
Humanity, Education, Leadership, Perspective, Support

SAGES will be involved in volunteer projects to help support the Nashville, Tennessee community. This is an excellent way for members and guests to give back to our host communities.

This year’s initiatives:

Renewal House is Nashville's first, largest and most comprehensive family-centered recovery community for women and children. Come out and help host the “Celebrating Families” luncheon. SAGES will provide wish list gifts to families. Transportation is provided from the Gaylord Opryland Hotel to and from the site. Please dress comfortably.

Stop by Registration Desk to Signup

Saturday, April 18: 7:30AM - 2:00PM

Limitation: Must be a High School Student
Lunch Provided
Cost: No fee

Mini-Med School Boot Camp

High school students from the Nashville area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. The day is power packed with classroom lectures, and Interactive Stations Experience. Both cognitive and skill competitions with awards and prizes will be offered. See page 104 for further details.
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.
SAGE 2015 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 Nashville Opryland Convention Center or fax it to (310) 437-0585.

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

Commercial Bias

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

Presentation:
(eg session name, etc)

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

Promotion via:
(eg handouts, slides, what they said, actions)

Commercial Bias about:
(check all that apply)

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

Please return this form to SAGES Meeting Registration or fax to (310) 437-0585.
**SAGES 2015 Final Program CME Hours**

**Accreditation:**

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

The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) designates this live activity for a maximum of 33.75 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 2015 SAGES Scientific Session & Postgraduate Course: This is NOT your CME credit form. Please use the worksheet below to track the number of CME hours you attend for each activity. All attendees wishing to receive a CME certificate for activities attended at the 2015 SAGES Scientific Session & Postgraduate Course must complete an on-line meeting evaluation. Attendees will be able to print and re-print their certificates throughout the year beginning two weeks after the conclusion of the meeting.

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

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

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

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

---

**Activity** | **Hours I Attended** | **Credits Available**
--- | --- | ---
PG Course: Current Common Dilemmas in Colorectal Surgery | 3.5 | 
PG Course: Advances in Foregut Surgery | 4.25 | 
PG Course: The Recurrent Hernia-Strategies for Success | 4.25 | 
PG Course: Endoluminal Management of Complications | 4.25 | 
Career Development Seminar | 4.25 | 
Panel: Lessons Learned from Around the World (EAES) | 2 | 
Panel: Perioperative Care-Evidence Based Practice in 2015 | 2.25 | 
PG Course: Bariatric Revisions from Historical Operations | 3.75 | 
Hands On Course: Endoscopic Management of Complications | 4 | 
Hands On Course: Career Breakouts | 3.75 | 
Debate: Inguinal Hernia Debates | 2 | 
Panel: Colorectal Strategies to Minimize the Impact of Surgery | 2 | 
Panel: Technology Innovation from Overseas | 2 | 
Panel: Endocrine Surgery-Balancing Innovation and Quality | 1.5 | 
Panel: GI Cancer Management (KSELS) | 2 | 
Panel: Innovation in the US-The Future of Surgical Innovation | 1.5 | 
Panel: FDA Advisory on Duodenoscopes | 1 | 
**SUBTOTAL** | **MAX: 8.25** |
Scientific Session/Concurrent Sessions 7:30 - 10:30 am | 3 | 
Scientific Session/Concurrent Sessions 1:30 - 3:00 pm | 2 | 
Military Surgical Symposium | 6.5 | 
PG Course: Updates in Abdominal Wall Management-Mesh Theory, Tissue Use | 2.75 | 
PG Course: FUSE-Preparation/Refresher Course | 3 | 
Symposium: Minimal Access Lessons from NOTES and Single Site Surgery | 3 | 
Panel: Complex and Unusual Esophageal Disorders | 2.75 | 
**SUBTOTAL** | **MAX: 9.25** |
Karl Storz Lecture: No Shortcuts to the Top-Climbing the World's Highest Peaks (non-CME) | 0.75 | 
Educator's Luncheon: Milestones, Metrics and Mastery | 1.5 | 
PG Course: HPB/Robotic-Current State of MIS Hepatopancreatoobiliary Surgery | 3 | 
Hands On Course: All Things Hernia | 4 | 
Hands On Course: Minimal Access Tricks and Techniques | 4 | 
Panel: Management of Unusual and Complex Cases- (JSES) | 1.5 | 
Panel: SAGES Talks | 1.5 | 
Panel: The Science Behind Diabetes Therapy-Surgery, Medical Updates | 1.5 | 
Panel: Avoiding Bile Duct Injury and Other Untoward Outcomes | 2 | 
Panel: Open to MIS-What is Taking Us So Long? | 1.5 | 
Panel: Adolescent Bariatric Surgery-What Every Surgeon Should Know (IPEG) | 1.5 | 
**SUBTOTAL** | **MAX: 10** |
Military Surgical Symposium | 1 | 
Scientific Sessions/Concurrent Sessions 7:30 - 8:30 am | 1 | 
Mock Trial: See You in Court-Legal Consequences of Bile Duct Injury During Laparoscopic Cholecystectomy | 1 | 
Panel: MIS Jeopardy | 1 | 
Debate: Adolescent Achalasia-The Great Debate (IPEG) | 1 | 
Plenary Session 1 | 1.5 | 
Presidential Address: A SAGES Magical Mystery Tour | 0.75 | 
Scientific Session/Concurrent Sessions 11:30 am - 12:30 pm | 1 | 
Gerald Marks Lecture | 0.75 | 
Debate: Presidential Debates | 1 | 
Fellowship Council Luncheon: The Future of Fellowships in a 4+2 General Surgery Residency Model | 1.5 | 
Scientific Session/Concurrent Sessions 2:00 - 5:30 pm | 3.5 | 
Panel: Acute Care Session-Maximizing Patient Care in Emergency General Surgery (AAST) | 1.5 | 
Symposium: SAGES SMART Program | 1.5 | 
Emerging Technology Session (non-CME) | 1.5 | 
Panel: Complex Paraesophageal Hernias | 1.5 | 
Panel: Lessons Learned from Military Surgery-Transition Back Into Practice | 1.5 | 
Resident/Fellow Scientific Session | 2 | 
**SUBTOTAL** | **MAX: 6.25** |
Scientific Session/Concurrent Sessions 8:00 - 9:30 am | 1.5 | 
Panel: Simulation and Telerobotics-Partnering with the Military | 1.5 | 
Plenary Session 2 | 2 | 
Advocacy Luncheon (Advocacy Boot Camp) | 1.25 | 
Session: Top 21 Video-Expecting the Unexpected | 1.5 | 
Panel: Building and Optimizing a Surgical Practice | 1.5 | 
Panel: Quality Practices in Surgical Education and Training | 1.5 |
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 2015 Badge ID

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

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

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

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

The Role of SAGES Guidelines in the World of Surgery

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

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

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

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

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

Keep your surgical practice up to date with SAGES Standards of Practice Guidelines!
SAGES 2015 Meeting Leaders

SAGES Program Chairs:

Aurora Dawn Pryor, MD
Program Chair

Michael D. Holzman, MD, MPH
Program Co-Chair

2015 Course Chairs & Unit Coordinators

Military Surgical Symposium
Chair: LTC (P) Robert Lim, MD
Co-Chair: Gordon Wisbach, MD

CME:
Chair: Elisabeth C. McLemore, MD
Co-Chair: Jacob Andrew Greenberg, MD

Equipment:
Chair: Benjamin K. Poulose, MD MPH
Co-Chair: Melina C. Vassiliou, MD

Learning Center:
Chair: Matthew I. Goldblatt, MD
Co-Chair: Edward D. Auyang, MD

Posters:
Chair: Danielle S. Walsh, MD
Co-Chair: Dana Alexa Telem, MD

Video:
Chair: Melissa Susan Phillips, MD
Co-Chair: Kyle A. Perry, MD

Postgraduate Course: Advances in Foregut Surgery
Chair: Brant Oelschlager, MD
Co-Chair: Jacob Greenberg, MD

Postgraduate Course: Bariatric Revisions from Historical Operations
Chair: Kevin Reavis, MD
Co-Chair: Brandon Williams, MD

Postgraduate Course: Current Common Dilemmas in Colorectal Surgery
Chair: Christopher Schlachta, MD
Co-Chair: Patricia Sylva, MD

Postgraduate Course: Endolumenal Management of Complications
Chair: John Mellingler, MD
Co-Chair: Jeffrey Marks, MD

Postgraduate Course: FUSE™
Chair: Daniel Jones, MD
Co-Chairs: Pascal Fuchshuber, MD and Thomas Robinson, MD

Postgraduate Course: HPB / Robotics
Chair: Eugene Ceppa, MD
Co-Chair: David Sindram, MD, PhD

Postgraduate Course: The Recurrent Hernia - Strategies for Success
Chair: Philip Omotohso, MD
Co-Chair: Sharon Bachman, MD

Postgraduate Course: Updates in Abdominal Wall Management
Chair: William Hope, MD
Co-Chair: Chan Park, MD

Hands-On Course: All Things Hernia
Chair: Shawn Tsuda, MD
Co-Chairs: Carla Pugh, MD, PhD and Guy Voeller, MD

Hands-On Course: Career Breakouts
Chair: Rebecca Petersen, MD MSc
Co-Chair: Dimitrios Stefanidis, MD, PhD

Hands-On Course: Endoscopic Management of Complications
Chair: Jose Martinez, MD
Co-Chair: Bipan Chand, MD

Hands-On Course: Minimal Access Tricks and Techniques
Chair: Garth Jacobsen, MD
Co-Chairs: Giovanni Dapri, MD, PhD and Joe Iocono, MD

Advocacy Luncheon
Chair: Ross Goldberg, MD
Co-Chair: Don Selzer, MD

Educator’s Luncheon
Chair: Brent Matthews, MD
Co-Chair: Matthew Goldblatt, MD

Fellowship Council Luncheon
Chair: Daniel Scott, MD
Co-Chair: Rebecca Minter, MD

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SAGES 2015 Surgical Spring Week

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  Co-Chair: Jonathan Dott, MD

Adolescent Bariatric Surgery (joint with IPEG) Panel
  Chair: Janet Pratt, MD
  Co-Chair: Carroll Harmon, MD, PhD

Avoiding Bile Duct Injury and Other Untoward Outcomes Panel
  Chair: Robert Fanelli, MD
  Co-Chair: Horacio Ashun, MD

Building and Optimizing A Surgical Practice Panel
  Chair: Brian Jacob, MD
  Co-Chair: Josh Roller, MD

Colorectal Strategies to Minimize the Impact of Surgery Panel
  Chair: Steven Wexner, MD
  Co-Chair: Kirk Ludwig, MD

Complex and Unusual Esophageal Disorders (joint with SSAT) Panel
  Chair: Kyle Perry, MD
  Co-Chair: Andrew Wright, MD

Complex Paraesophageal Hernias Panel
  Chair: Dana Telem, MD
  Co-Chair: Edward Auyang, MD

Endocrine Surgery Panel
  Chair: William Inabnet III, MD
  Co-Chair: Vanessa Palter, MD

FDA Advisory on Duodenoscopes Panel
  Chair: Brian Dunchuk, MD
  Co-Chair: Michael Kochman, MD

GI Cancer Management (joint with KSELS) Panel
  Chair: Vivian Strong, MD
  Co-Chairs: Hong-Jin Kim, MD, PhD and Matthew Kalady, MD

Innovation in the US - The Future of Surgical Innovation Panel
  Chair: Ross Goldberg, MD
  Co-Chair: Ben Pouloss, MD MPH

MIS Jeopardy Panel
  Chair: Anne Lidor, MD MPH
  Co-Chair: Simon Bergman, MD

Lessons Learned from Around the World (joint with EAES) Panel
  Chair: Allan Okrainec, MD
  Co-Chair: Mario Morino, MD

Lessons Learned from Military Surgery Panel
  Chair: Michael Ujiki, MD
  Co-Chair: Yong Choi, MD

Management of Unusual and Complex Cases (joint with JSES) Panel
  Chair: Manabu Yamamoto, MD
  Co-Chair: Steven Schwartzberg, MD

Open to MIS - What is Taking Us So Long? Panel
  Chair: Jeffrey Hazey, MD
  Co-Chair: W. Scott Melvin, MD

Perioperative Care Panel
  Chair: Matthew Hutter, MD MPH
  Co-Chair: Steven Bowers, MD

Quality Practices in Surgical Education and Training Panel
  Chair: Michael Awad, MD
  Co-Chair: James Bittner, MD

Simulation and Telerobotics Panel
  Chair: Mehran Arvari, MD
  Co-Chair: John Paige, MD

Technology Innovation from Overseas (Program of the Americas) Panel
  Chair: Natan Kundel, MD
  Co-Chair: Dmitry Oleynikov, MD

SAGES Talks
  Chair: Brian Dunchuk, MD
  Co-Chair: Melina Vassiliou, MD

The Science Behind Diabetes Therapy Panel
  Chair: John Morton, MD
  Co-Chair: Timothy Jackson, MD MPH

See you in Court - Legal Consequences of Bile Duct Injury during Laparoscopic Cholecystectomy Mock Trial
  Chair: Michael Edye, MD
  Co-Chair: Jon Gould, MD

Emerging Technology Session
  Chair: J. Stephen Scott, MD
  Co-Chair: Daniel Scott, MD

Resident/Fellow Scientific Session
  Chair: Linda Zhang, MD
  Co-Chair: Iswanto Sucandy, MD

Top 21 Video Session
  Chair: Kenric Murayama, MD
  Co-Chair: Archana Ramaswamy, MD

Career Development Seminar
  Chair: David Urbach, MD
  Co-Chair: Adrian Park, MD

Minimal Access - Lessons from NOTES and Single Site Surgery Symposium
  Chair: Dana Portenier, MD
  Co-Chair: Kurt Roberts, MD

SAGES SMART™ Program Symposium
  Chair: Liane Feldman, MD
  Co-Chair: Thomas Aloia, MD

Adolescent Achalasia (joint with IPEG) Debate
  Chairs: Gretchen Purcell Jackson, MD, PhD; and Shawn St. Peter, MD

inguinal Hernia Debates
  Chair: Melissa Phillips, MD
  Co-Chair: David Earle, MD

Presidential Debates
  Chair: Christopher Schlachta, MD
  Co-Chair: Jo Buyske, MD

Past Presidents

<table>
<thead>
<tr>
<th>Year</th>
<th>President</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995 - 1996</td>
<td>Gerald Marks, MD</td>
</tr>
<tr>
<td>1996 - 1997</td>
<td>Kenneth Forde, MD</td>
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<tr>
<td>1997 - 1998</td>
<td>Thomas L. Dent, MD</td>
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<tr>
<td>1998 - 1999</td>
<td>James A. Lind, MD</td>
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<td>1999 - 2000</td>
<td>John A. Coller, MD</td>
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<td>2000 - 2001</td>
<td>Theodore R. Schrock, MD</td>
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<td>2001 - 2002</td>
<td>Talmadge A. Bowden, MD</td>
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<tr>
<td>2002 - 2003</td>
<td>Lee E. Smith, MD</td>
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<tr>
<td>2003 - 2004</td>
<td>Jeffrey Ponsky, MD</td>
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<tr>
<td>2004 - 2005</td>
<td>Frederick L. Greene, MD</td>
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<tr>
<td>2006 - 2007</td>
<td>George Berci, MD</td>
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SAGES 2015 Surgical Spring Week
<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 11:00 AM</td>
<td>Postgraduate Course: Current Common Dilemmas in Colorectal Surgery</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Half-Day Postgraduate Course: Advances in Foregut Surgery</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Half-Day Postgraduate Course: The Recurrent Hernia - Strategies for Success</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Career Development Seminar</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>7:30 AM - 12:00 PM</td>
<td>Half-Day Postgraduate Course: Endolumenal Management of Complications</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>7:30 AM - 9:30 AM</td>
<td>Panel: Lessons Learned from Around the World (joint with EAES)</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>9:30 AM - 12:00 PM</td>
<td>Panel: Perioperative Care – Evidence Based Practice in 2015</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>SAGES Foundation Awards Luncheon (non-CME)</td>
<td>Canal A</td>
</tr>
<tr>
<td>12:00 PM - 3:30 PM</td>
<td>Exhibits and SS1: Video Presentations - Colorectal &amp; Hernia (non-CME)</td>
<td>Ryman Exhibit Hall C &amp; Theater</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Postgraduate Course: Bariatric Revisions from Historical Operations</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>1:30 PM - 5:00 PM</td>
<td>Half-Day Hands-On Course: Endoscopic Complications</td>
<td>Ryman Exhibit Hall B6</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: Career Breakouts</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>1:30 PM - 3:30 PM</td>
<td>Debate: Inguinal Hernia Debates</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>1:30 PM - 3:30 PM</td>
<td>Panel: Colorectal Strategies to Minimize the Impact of Surgery</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>1:30 PM - 3:30 PM</td>
<td>Panel: Technology Innovation from Overseas (Program of the Americas)</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Endocrine Surgery - Balancing Innovation and Quality</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: GI Cancer Management (joint with KSELS)</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Innovation in the US - The Future of Surgical Innovation</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>4:00 PM - 5:00 PM</td>
<td>FDA Advisory On Duodenoscopes</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>5:00 PM - 5:30 PM</td>
<td>Opening Session - SAGES Early History Movie</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>Welcome Reception in Exhibit Hall</td>
<td>Ryman Exhibit Hall C</td>
</tr>
</tbody>
</table>

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

**SAGES 2015 Meeting Corporate Supporters**

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@SAGES_Updates  www.facebook.com/SAGESsurgery  www.sages.org
Wednesday, April 15, 2015

Half-Day Postgraduate Course: Advances in Foregut Surgery

**Chair:** Brant Oelschlager, MD; **Co-Chair:** Jacob Greenberg, MD

**SESSION DESCRIPTION**
Benign and malignant disorders of the esophagus and stomach are common complaints in surgical clinics across the United States and worldwide. Gastroesophageal reflux disease, hiatal hernias, swallowing disorders, and gastric and esophageal cancer may now be treated with a variety of minimally invasive or endoscopic therapies and the general surgeon should feel comfortable managing these diseases.

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Compare the current treatment options for patients with Gastroesophageal Reflux Disease
- Evaluate which of these techniques is most appropriate for their clinical practice
- Assess minimally invasive and endolumenal options for foregut malignancies
- Integrate effective strategies into their practice in order to minimize perioperative complications

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Who are the GERD Patients That Need Surgery And When Should We Intervene?</td>
<td>Andrew Wright, MD</td>
</tr>
<tr>
<td>7:40AM</td>
<td>Nissen Fundoplication Is The Gold Standard</td>
<td>John Hunter, MD</td>
</tr>
<tr>
<td>7:50AM</td>
<td>We Should Be Doing More Partial Fundoplications</td>
<td>Guilherme Campos, MD</td>
</tr>
<tr>
<td>8:00AM</td>
<td>Endolumenal Therapies Are The Best Option</td>
<td>Karim Trad, MD</td>
</tr>
<tr>
<td>8:10AM</td>
<td>Fundoplication Is Out….Place Some Magnets!</td>
<td>Shanu Kothari, MD</td>
</tr>
<tr>
<td>8:20AM</td>
<td>Minimal Dissection Nissens Are Best In Children And Should Be Used In Adults</td>
<td>Daniel Ostlie, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>The Bariatric Patient with GERD Symptoms</td>
<td>Michel Vix, MD</td>
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<td>8:40AM</td>
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<td>All above faculty</td>
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**For gut Malignancies**

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>9:00AM</td>
<td>Endoscopic Techniques For The Treatment Of Esophageal And Gastric Lesions</td>
<td>Jose Martinez, MD</td>
</tr>
<tr>
<td>9:10AM</td>
<td>Minimally Invasive Techniques For Esophageal Cancer</td>
<td>Ninh Nguyen, MD</td>
</tr>
<tr>
<td>9:20AM</td>
<td>Minimally Invasive Techniques For Gastric Cancer</td>
<td>Vivian Strong, MD</td>
</tr>
<tr>
<td>9:30AM</td>
<td>Panel Discussion</td>
<td>All above faculty</td>
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<td>9:45AM</td>
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**Hiatal Hernias**

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>10:00AM</td>
<td>Current Mesh Options For Hiatal Hernia Repair: Is Anything New On The Horizon?</td>
<td>Luke Funk, MD MPH</td>
</tr>
<tr>
<td>10:15AM</td>
<td>Should We Always Do A Fundoplication</td>
<td>Jon Gould, MD</td>
</tr>
<tr>
<td>10:25AM</td>
<td>Tricks For Complex Hiatal Hernia Repairs</td>
<td>Steven DeMeester, MD</td>
</tr>
<tr>
<td>10:35AM</td>
<td>Panel Discussion</td>
<td>All above faculty</td>
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</tbody>
</table>

**Technical Problems – How I Manage or Avoid Them**

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>10:50AM</td>
<td>Antireflux Surgery</td>
<td>Katherine Lamond, MD</td>
</tr>
<tr>
<td>11:05AM</td>
<td>Large Hiatal Hernia Repair</td>
<td>Dmitry Oleynikov, MD</td>
</tr>
<tr>
<td>11:20AM</td>
<td>Achalasia Procedures</td>
<td>Christy Dunst, MD</td>
</tr>
<tr>
<td>11:35AM</td>
<td>Panel Discussion</td>
<td>All above faculty</td>
</tr>
</tbody>
</table>

**LEARNING THEMES**
- **NS** New technologies/Skill acquisition
- **FE** Flex Endo

**GUIDELINES:**
- SAGES Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD) (Feb 2010)
- Guidelines for the Laparoscopic Management of Hiatal Hernia (May 2013)
- Guidelines for Surgical Treatment of Esophageal Achalasia (May 2011)
- Endoluminal Treatments for Gastroesophageal Reflux Disease (GERD) (February 2013)

The entire 2015 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.
**Half-Day Postgraduate Course: The Recurrent Hernia – Strategies for Success**

**Chair:** Philip Omotosho, MD; **Co-Chair:** Sharon Bachman, MD

**DELTA BALLROOM C**

**SESSION DESCRIPTION**
Ventral incisional hernia is a common problem evaluated by general surgeons, with an estimated 250,000 ventral hernia repairs performed annually in the United States. Approximately one quarter of ventral hernias repaired with mesh will recur within 3 years. General surgeons who manage this common problem, therefore, need to be thoroughly familiar with the risk factors for recurrence and their mitigation, and be familiar with advanced techniques for its optimal management.

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Identify risk factors for ventral hernia recurrence and how to mitigate them
- Compare advanced techniques and employ them appropriately in managing recurrent ventral hernias
- Recognize difficult situations in recurrent ventral hernia repair

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Patient Factors Contributing To Hernia Recurrence: Optimizing Co-morbid Status</td>
<td>James Bittner, MD</td>
</tr>
<tr>
<td>7:45AM</td>
<td>Patient-Centered Approach To Recurrent Ventral Hernia Repair: How To Create A Patient Centered Complex Abdominal Wall Surgery Program</td>
<td>Bruce Ramshaw, MD</td>
</tr>
<tr>
<td>8:00AM</td>
<td>Laparotomy Closure: Can Incisional Hernias Be Prevented?</td>
<td>Eric Pauli, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Do Some Meshes Lead To More Recurrence Than Others? Does Type Of Mesh Fixation Lead To Recurrence?</td>
<td>Sharon Bachman, MD</td>
</tr>
<tr>
<td>8:45AM</td>
<td>Panel Discussion</td>
<td></td>
</tr>
<tr>
<td>9:00AM</td>
<td>Ahs Database: How Well Are We Repairing Recurrent Hernias?</td>
<td>Benjamin Poulouse, MD MPH</td>
</tr>
<tr>
<td>9:30AM</td>
<td>Laparoscopic Recurrent Ventral Hernia Repair</td>
<td>Rebecca Petersen, MD MSc</td>
</tr>
<tr>
<td>9:45AM</td>
<td>Open Retromuscular Ventral Hernia Repair; Rives-Stoppa And Transversus Abdominis Release (Tar), A Logical Extension</td>
<td>Melissa Phillips, MD</td>
</tr>
<tr>
<td>10:00AM</td>
<td>Matching The Defect To The Component Separation; Endoscopic Component Separation Versus Open</td>
<td>David Earle, MD</td>
</tr>
<tr>
<td>10:15AM</td>
<td>Panel Discussion</td>
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<tr>
<td>10:30AM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:45AM</td>
<td>Difficult Locations: Parastomal, Flank, Suprapubic, Subxiphoid Hernias</td>
<td>Gregory Mancini, MD</td>
</tr>
<tr>
<td>11:00AM</td>
<td>The Recurrent Hernia After Component Separation</td>
<td>Gina Adrales, MD MPH</td>
</tr>
<tr>
<td>11:15AM</td>
<td>Pediatric Abdominal Wall Defects: What Are The Recurrence Implications?</td>
<td>Diana Diesen, MD</td>
</tr>
<tr>
<td>11:30AM</td>
<td>Chronic Pain After Ventral Hernia Repair</td>
<td>Todd Heniford, MD</td>
</tr>
<tr>
<td>11:45AM</td>
<td>Panel Discussion</td>
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</table>

**LEARNING THEMES**
- Hernia
- New technologies/Skill acquisition

**GUIDELINES:**
- Guidelines for Laparoscopic Ventral Hernia Repair (August 2014)

**FES, FLS, and FUSE Testing Available!**

**Wednesday, April 15 - Friday, April 17, 2015**

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)
Half-Day Postgraduate Course:
Endolumenal Management of Complications
Chair: John Mellinger, MD; Co-Chair: Jeffrey Marks, MD

SESSION DESCRIPTION
This session will focus on use of endoscopic and intraluminal strategies for managing surgical and endoscopic complications. Topics will include endoscopic hemostasis, stenting, drainage, resection, diversion, and closure. Particular focus will be given to areas where endolumenal techniques may help address complex surgical and surgical disease related complications in a minimally or less invasive fashion. National and international experts in endolumenal and endoscopic therapy will constitute the faculty.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Appraise the relative merits of endolumenal techniques vs. surgical options in managing complications of foregut surgery including bariatric operations.
• Identify training requirements inherent in adopting new endolumenal techniques into safe and effective clinical practice.
• Choose amongst available options the best strategies for managing complications via endolumenal or other techniques in an evidence-based fashion.

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Endolumenal Suturing For Complications And Failures Of Bariatric Surgery</td>
<td>Manoel Galvao Neto, MD</td>
</tr>
<tr>
<td>8:00AM</td>
<td>Endolumenal Management Of Perforations, Strictures, And Postoperative Leaks In The Foregut</td>
<td>Jose Martinez, MD</td>
</tr>
<tr>
<td>8:20AM</td>
<td>Endolumenal Management Of Complications Of Procedures For Achalasia And GERD</td>
<td>Homero Rivas, MD</td>
</tr>
<tr>
<td>8:40AM</td>
<td>EUS, EMR, and ESD and RFA In Foregut Neoplasia: Appropriate Use and Endoscopic Management of Complications</td>
<td>Mike Kochman, MD</td>
</tr>
<tr>
<td>9:10AM</td>
<td>Endolumenal Management Of Complications Of Biliary And Pancreatic Surgery And Endoscopy</td>
<td>Jeffrey Hazey, MD</td>
</tr>
<tr>
<td>9:30AM</td>
<td>Panel Discussion</td>
<td>All Panelists</td>
</tr>
<tr>
<td>10:00AM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>10:20AM</td>
<td>Manometry And Endolumenal Therapy: Optimal Use In Preventing Complications Of Foregut Surgery</td>
<td>Vic Velanovich, MD</td>
</tr>
<tr>
<td>10:40AM</td>
<td>Endolumenal Management Of Perforations, Strictures, Fistulae, And Leaks In The Colon And Rectum</td>
<td>Mark Whiteford, MD</td>
</tr>
<tr>
<td>11:00AM</td>
<td>Endolumenal Therapy For Complications Of Pancreatitis</td>
<td>John Mellinger, MD</td>
</tr>
<tr>
<td>11:20AM</td>
<td>Endolumenal Management Of Surgical Complications</td>
<td>Jeffrey Marks, MD</td>
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<tr>
<td>11:40AM</td>
<td>Panel Discussion</td>
<td>All Panelists</td>
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</tbody>
</table>

LEARNING THEMES
- FE: Flex Endo
- FOR: Foregut
- B: Bariatricts
- C: Colorectal
- NS: New technologies/Skill acquisition
- AE: Academic/Educational

GUIDELINES:
• Endolumenal Treatments for Gastroesophageal Reflux Disease (GERD) (February 2013)
• Position Statement on Endoluminal Therapies for Gastrointestinal Diseases (November 2009)
• Role of Endoscopy in the Bariatric Surgery Patient (April 2008)
• Framework for Post-Residency Surgical Education & Training (July 2010)
• Guidelines for Surgical Treatment of Esophageal Achalasia (May 2011)

Save the Date!
SAGES Scientific Session & Postgraduate Course
March 16 - 19, 2016, Boston, MA

SAGES Scientific Session & Postgraduate Course
March 22 - 25, 2017, Houston TX

SAGES/CAGS hosted World Congress of Endoscopic Surgery
April 11-14, 2018, Seattle WA
# Career Development Seminar

**Chair:** David Urbach, MD; **Co-Chair:** Adrian Park, MD

## SESSION DESCRIPTION

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

## SESSION OBJECTIVES

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

- Develop a research grant that is competitive for peer-reviewed funding
- Write a scientific paper suitable for publication in Surgical Endoscopy
- Demonstrate effective communication skills for job interviews

## ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>7:30AM</td>
<td>Introduction</td>
<td>David Urbach, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Session 1. Designing And Funding Research</strong></td>
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<tr>
<td>7:35AM</td>
<td>Designing And Implementing A Research Study</td>
<td>Rebecca Petersen, MD MSc</td>
</tr>
<tr>
<td>7:55AM</td>
<td>The Grant Review Process: How To Write The Perfect Grant</td>
<td>Melina Vassiliou, MD</td>
</tr>
<tr>
<td>8:15AM</td>
<td>Building And Sustaining A Research Program</td>
<td>Dimitrios Stefanidis, MD, PhD</td>
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<tr>
<td>8:35AM</td>
<td>Panel Discussion</td>
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<td></td>
<td><strong>Session 2. The Art Of Scholarly Presentations</strong></td>
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<tr>
<td>8:50AM</td>
<td>Effective Scientific Writing For Academic Surgery</td>
<td>David Urbach, MD</td>
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<tr>
<td>9:10AM</td>
<td>Speaking To Surgical Audiences: The Long And The Short Of It</td>
<td>Adrian Park, MD</td>
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<tr>
<td>9:30AM</td>
<td>Panel Discussion</td>
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<td>9:45AM</td>
<td>Break</td>
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<td><strong>Session 3. Success In and Out of the Office</strong></td>
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<tr>
<td>10:00AM</td>
<td>Academic Promotion And Tenure</td>
<td>Mark Talamini, MD</td>
</tr>
<tr>
<td>10:20AM</td>
<td>Tools For Effective Negotiation</td>
<td>David Rattner, MD</td>
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<tr>
<td>10:40AM</td>
<td>Avoiding Medical-Legal Unpleasantness: How To Med/Mal-Proof Your Practice</td>
<td>Jim Saxton, Esq.</td>
</tr>
<tr>
<td>11:00AM</td>
<td>Personal Financial Management, Starting From When There's Not Much To Manage</td>
<td>Brian Edkin</td>
</tr>
<tr>
<td>11:20AM</td>
<td>Balancing Career With Family And Personal Life</td>
<td>Andrew Wright, MD</td>
</tr>
<tr>
<td>11:35AM</td>
<td>Panel Discussion</td>
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</tr>
</tbody>
</table>

## LEARNING THEMES

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

*SAGES acknowledges our Silver Level Donors for their support of this Seminar: Boston Scientific, Gore & Associates, Mederi Therapeutics, and Merck*
Wednesday, April 15, 2015

**Postgraduate Course: Current Common Dilemmas in Colorectal Surgery**

Chair: Christopher Schlachta, MD; Co-Chair: Patricia Sylla, MD

**DELTA BALLROOM A**

**SESSION DESCRIPTION**

This course will address common challenges which often represent dilemmas in management, judgment or technology choice that might present in the care of a patient with colorectal disease. Through didactic lectures, video-based case discussions and panel discussions with audience participation, attendees will learn strategies derived from the latest available evidence and expert opinion for tackling these scenarios. This course is designed for any practicing surgeon who incorporates colon and rectal surgery into his or her practice.

**SESSION OBJECTIVES**

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

- Manage common clinical dilemmas presenting to practitioners of colon and rectal surgery
- Select the most appropriate approach between a wide range of available techniques for minimally invasive colon and rectal surgery with an appreciation for the most appropriate application of each
- Formulate a management plan for operative dilemmas that may arise during surgical therapy of patients undergoing colon and rectal surgery

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Welcome, Introduction and Course Objectives</td>
<td>Christopher Schlachta, MD</td>
</tr>
<tr>
<td></td>
<td>Part A: Management Dilemmas</td>
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<tr>
<td>7:40AM</td>
<td>Management of Symptomatic Parastomal Hernia: Mesh vs. Resite?</td>
<td>Alessio Pigazzi, MD</td>
</tr>
<tr>
<td>7:55AM</td>
<td>Management of Rectal Prolapse: Resect, Pexy or Mesh?</td>
<td>Nawar Alkhamesi, MD</td>
</tr>
<tr>
<td>8:10AM</td>
<td>Management of Low Rectal Cancer after a Complete Clinical Response: Observe, Local Resection, TME?</td>
<td>Rodrigo Perez, MD</td>
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<tr>
<td>8:25AM</td>
<td>Discussion</td>
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<td></td>
<td>Part B: Technology Dilemmas</td>
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<tr>
<td>8:40AM</td>
<td>Optimizing Technology for Colon Resections: Laparoscopic, HALS, Single-port, Robotic?</td>
<td>Vincent Obias, MD</td>
</tr>
<tr>
<td>8:55AM</td>
<td>Optimizing Technology for Colorectal Anastomoses: Hand-sewn vs. Stapled, Intra vs. Extracorporeal, Air vs. Fluorescence</td>
<td>Elisabeth McLemore, MD</td>
</tr>
<tr>
<td>9:10AM</td>
<td>Optimizing the Approach to the Obese Patient</td>
<td>Jeffrey Milsom, MD</td>
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<tr>
<td>9:25AM</td>
<td>Discussion</td>
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<tr>
<td></td>
<td>Part C: Operative Dilemmas</td>
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<tr>
<td>9:40AM</td>
<td>Approach to the Questionably Viable LAR Anastomosis</td>
<td>Ian Jenkins, MD</td>
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<tr>
<td>9:55AM</td>
<td>Approach to the 2 am Colon Emergency</td>
<td>Barry Salky, MD</td>
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<tr>
<td>10:10AM</td>
<td>Approach to the TES with Complicated Peritoneal Entry</td>
<td>John Marks, MD</td>
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<tr>
<td>10:40AM</td>
<td>Panel Discussion</td>
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</table>

**LEARNING THEMES**

- Colorectal
- New technologies/Skill acquisition

**GUIDELINES:**

- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer (Feb 2012)
- Guidelines for Diagnostic Laparoscopy (November 2007)
- Laparoscopic Colectomy for Curable Cancer (June 2004)

*SAGES acknowledges an educational grant in support of this course from Covidien*

**SAGES Goes Green!**

In our continuing effort to support the environment, you will see less paper at the SAGES 2015 Annual Meeting. The printed Final Program will include the regular schedule and course/panel outlines only. Electronic copies of all the abstracts and digital posters will be available on-line for all attendees and in the SAGES 2015 Meeting App.

Go to sages2015.org for more information.
Panel: Lessons Learned from Around the World (joint with EAES)

Chair: Allan Okrainec, MD; Co-Chair: Mario Morino, MD

SESSION DESCRIPTION
Surgery is constantly evolving with many new approaches to surgical techniques being developed around the world. This session will highlight new advances in several areas including colorectal, hepatobiliary, bariatric and foregut surgery from experts around the world.

SESSION OBJECTIVES
• Describe expected outcomes from various bariatric surgical procedures from worldwide data
• Implement standardized steps for laparoscopic TME
• Differentiate which lesions are optimal for laparoscopic liver resection
• Illustrate the key steps of a POEM procedure
• Identify tools from Interventional Radiology that can be used in the operating room
• Describe the technical steps and benefits of a modified mesocolic excision for colon cancer

ACTIVITY OUTLINE

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<tr>
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<tbody>
<tr>
<td>7:30AM</td>
<td>The Worldwide Bariatric Surgery Registry: What Have We Learned?</td>
<td>Michel Gagner, MD</td>
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<tr>
<td>7:45AM</td>
<td>Standardizing TME around the world</td>
<td>Danilo Miskovic, MD</td>
</tr>
<tr>
<td>8:00AM</td>
<td>The role of High Resolution Manometry in Evaluation of Bariatric Patients</td>
<td>Silvana Perretta, MD</td>
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<tr>
<td>8:15AM</td>
<td>POEM Procedure: Pearls and Pitfalls</td>
<td>Haruhiro Inoue, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Modified Complete Mesocolic Excision: How I do it?</td>
<td>Byung Soh Min, MD</td>
</tr>
<tr>
<td>8:45AM</td>
<td>Hybrid Surgery: New Surgical Tools From The Interventional Radiology Suite</td>
<td>Eran Shlomovitz, MD</td>
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<tr>
<td>9:00AM</td>
<td>Metabolic Surgery: What’s new in 2015</td>
<td>Ricardo Cohen, MD</td>
</tr>
<tr>
<td>9:15AM</td>
<td>Panel Discussion</td>
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</tbody>
</table>

LEARNING THEMES
NS  New technologies/Skill acquisition
B   Bariatrics
FE  Flex Endo
HPB  HPB
C   Colorectal
FOR  Foregut

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http://ativ.me/5ij
http://ativ.me/5ik
http://ativ.me/sages2015
Panel: Perioperative Care – Evidence Based Practice in 2015 DELTA BALLROOM D
Chair: Matthew Hutter, MD MPH; Co-Chair: Steven Bowers, MD

SESSION DESCRIPTION
This session will focus on aspects of perioperative care, which have been shown to be associated with improved outcomes. Topics include ERAS and Pathways, Using SAGES Guidelines, as well as Rescue and Communication. Procedure specific better practices for perioperative care will be examined in detail for Colorectal, Foregut/Esophagectomy, Bariatric and Hernia Operations.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate the effectiveness of measures (Preoperative weight loss and/or LMR, sleep apnea management, therapeutic/prophylactic anticoagulation, use of drains, post-op contrast studies) that have been found to influence outcomes after bariatric surgery. This talk will also include management of anticoagulation and prophylaxis of venous thrombosis.
• Demonstrate the effectiveness of measures (Abdominal wall blocks, Narcotic avoidance strategies, seroma interventions, management of transfixation site pain) that have been found to influence outcomes after ventral hernia surgery.
• Demonstrate the effectiveness of measures (Immune enhancing Nutrition, gastric conduit preconditioning, protocolized anesthesia care, atrial fibrillation management, delayed oral feeding) that have been found to influence outcomes after foregut resection.
• Demonstrate the effectiveness of measures (Preoperative tumor localization, Management of biological therapies and steroids, Enhanced recovery pathways, timing of stoma takedown and planned interval resection after drainage of abscess) that have been found to influence outcomes after colorectal surgery.

ACTIVITY OUTLINE

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<tr>
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<tbody>
<tr>
<td>9:30AM</td>
<td>Welcome and Intro</td>
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</tr>
<tr>
<td>9:35AM</td>
<td>ERAS and Pathways</td>
<td>Liane Feldman, MD</td>
</tr>
<tr>
<td>9:50AM</td>
<td>Using SAGES Guidelines</td>
<td>Stephen Haggerty, MD</td>
</tr>
<tr>
<td>10:15AM</td>
<td>Rescue, Transfer and the Importance of Communication</td>
<td>Anne Lidor, MD, MPH</td>
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<tr>
<td>10:30AM</td>
<td>Q&amp;A</td>
<td>Panel</td>
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<tr>
<td>10:40AM</td>
<td>Break</td>
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<tr>
<td>10:50AM</td>
<td>Procedure-specific Potpourri of Perioperative Problems</td>
<td>Tonia Young-Fadok, MD</td>
</tr>
<tr>
<td>11:05AM</td>
<td>Bariatric - Swallow Studies, Drains, Suspected Leak and Discharge on POD#1</td>
<td>Giselle Hamad, MD</td>
</tr>
<tr>
<td>11:20AM</td>
<td>Foregut/Esophagectomy - Immune Enhancing Nutrition, Gastric Conduit Preconditioning, Protocolized Anesthesia Care, Atrial Fibrillation Management, Delayed Oral Feeding</td>
<td>James Dolan, MD</td>
</tr>
<tr>
<td>11:35AM</td>
<td>Hernias - Seroma intervention/Prevention, Pain and Blocks, Infections (with Mesh), Activity Restriction Recommendations</td>
<td>David Overby, MD</td>
</tr>
<tr>
<td>11:50AM</td>
<td>Q&amp;A</td>
<td>Panel</td>
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</tbody>
</table>

LEARNING THEMES
B Bariatrics
HR Hernia
C Colorectal
FOR Foregut
FE Flex Endo

GUIDELINES:
• Guidelines for Deep Venous Thrombosis Prophylaxis During Laparoscopic Surgery (October 2006)
• Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer (February 2012)
• Guidelines for Peritoneal Dialysis Surgery (June 2014)

SAGES acknowledges an educational grant in support of this panel from Merck
Welcome and Introductions – Bruce Schirmer, MD

SAGES Foundation - Gerald Marks Rectal Cancer Award

Recipient: Shuji Saito, 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: A PROSPECTIVE MULTICENTER STUDY OF SELF-EXPANDABLE METALLIC STENTS AS A BRIDGE TO SURGERY FOR MALIGNANT COLORECTAL OBSTRUCTION IN JAPAN: EFFICACY AND SAFETY IN 313 PATIENTS

Dr. Saito is board certified by the Japan Surgical Society, The Japanese Society of Gastroenterological Surgery, Japan Society for Endoscopic Surgery, The Japan Society of Coloproctology, Japan Gastroenterological Endoscopy Society, and the Japanese Society of Gastroenterology. He earned his PhD in 2005 from Yokohama City University Graduate School of Medicine. From 2005 to 2010 Dr. Saito worked at Shizuoka Cancer Center Hospital, which is a famous high volume cancer center in Japan. Dr. Saito is currently is employed by the National Hospital Organization Yokohama Medical Center.

2015 International Best Paper Award

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

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

Name: Patricio Cal, MD
Institution: CQRO
Abstract: 27 vs 39 Fr bougie calibration in laparoscopic sleeve gastrectomy. A prospective randomized controlled trial
Country: Argentina

Name: Shuji Saito, MD
Institution: National Hospital organization Yokohama Medical Center
Abstract: A Prospective Multicenter Study Of Self-Expandable Metallic Stents As A Bridge To Surgery For Malignant Colorectal Obstruction In Japan: Efficacy And Safety In 313 Patients
Country: Japan

Name: Yusuke Watanabe, MD
Institution: McGill University
Abstract: Surgeons Have Knowledge Gaps in the Safe Use of Energy Devices: a Multicenter Cross-Sectional Study
Country: Canada

Name: San Hoon Ann MD, Phd
Institution: Seoul National University
Abstract: Multimodal ERAS (early recovery after surgery) program in combination with totally laparoscopic distal gastrectomy is the optimal perioperative care in patients with gastric cancer: A prospective randomized clinical trial
Country: South Korea

Name: Elie K. Chouillard, MD, PhD
Institution: Paris Poissy Medical Center
Country: France

Wednesday, April 15, 2015

SAGES IRCAD Fellowship Award
Presented by: David Rattner, MD, Awards Committee Chair
Recipient: Yulia Zak, 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. Zak completed medical school at SUNY Downstate Medical Center in 2007. She subsequently completed her residency in General Surgery at the Stanford University. She is currently a Minimally Invasive Bariatric and Advanced GI Surgery Fellow at the Massachusetts General Hospital under the direction of Dr. David Rattner. She has a career interest in both minimally invasive surgery and surgical education and has been involved in several innovative educational programs. Dr. Zak strongly believes that the future of surgery lies in the development and adoption of less invasive techniques. Her goals are to acquire advanced laparoendoscopic skills as she learns a variety of endoscopic approaches to bariatric problems, and familiarize herself with the cutting-edge tools and expertise that IRCAD has made available. She intends to bring these skills back to her home institution to help create a program for endoluminal surgery. Her second ambition is based in her long-standing involvement with the educational arm of surgical training. Surgical education is one of her biggest passions and she plans to continue to develop this field throughout her career. She is truly excited to have the opportunity to learn from the experts at IRCAD and be able to participate in further technological and skills innovation in the area of minimally invasive surgery through that experience.

SAGES gratefully acknowledges support from Karl Storz Endoscopy.

SAGES Brandeis Award
Presented by: David Rattner, MD, Awards Committee Chair
Recipients: Anne Lidor, MD
Brian Dunkin, 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. Lidor is an associate professor in the Department of Surgery at Johns Hopkins Hospital and a fellowship-trained minimally invasive gastrointestinal surgeon. She has extensive clinical experience in surgically treating patients with upper gastrointestinal diseases. In addition to her surgical training, she earned an MPH from Johns Hopkins Bloomberg School of Public Health and has focused on outcomes and comparative effectiveness research. She has led successful collaborative multi-disciplinary research teams. Dr. Lidor is a past member of the Technology committee, serves on the SAGES Quality, Outcomes, and Safety Committee, and is a current and very active member of the Resident Education Committee. She is excited to gain training and skills that will enable her to be more effective in her role and prepare her to be the best possible advocate for the SAGES membership.

Dr. Dunkin is a Professor of Clinical Surgery, Head of the Section of Endoscopic Surgery and Medical Director of the Methodist Institute for Technology, Innovation & Education (MITIE) at the Houston Methodist Hospital in Texas. His clinical practice is focused on advanced laparoscopic surgery and flexible GI endoscopy. His research centers on the development of novel methods and devices for endoscopic surgery, as well as the use of leading-edge technology in the development of improved training programs for surgeons. As an active SAGES member, Dr. Dunkin serves on Board of Governors, Finance/Assets, FES, Flexible Endoscopy and Open to MIS committees. He is the incoming 2015 President. As program chair he entered on a horse. That will be hard to beat. As a participant in the Brandeis Program, he is looking forward to gaining knowledge and skills that will help him build sustainable programs through MITIE and expand on the work they have done. He strongly believes surgical education that focuses on outcomes and quality will do more for cost containment in healthcare while improving patient service than any rationing program could ever achieve.

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

FLS Celebrates Milestone
SAGES congratulates Dr. Christopher Crawford on becoming the 10,000th surgeon to successfully complete the FLS Program! Dr. Crawford is a chief resident in general surgery at Marshfield Clinic in Wisconsin and a SAGES Candidate Member. Upon completing his residency, he will continue his training at the University of Nebraska Medical Center’s MIS Fellowship Program.
## SAGES 2015 Research Grant Awards

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

<table>
<thead>
<tr>
<th>Recipient</th>
<th>Institution</th>
<th>Title</th>
<th>Supporting by</th>
</tr>
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<tbody>
<tr>
<td>Tammy Lyn Kindel, MD</td>
<td>University of Nebraska Medical Center</td>
<td>The Effect of Sleeve Gastrectomy on Post-Prandial Serum Bile Acids</td>
<td>SAGES Education &amp; Research Foundation</td>
</tr>
<tr>
<td>Oscar M. Crespin, MD</td>
<td>University Health Network, University of Toronto</td>
<td>Endoscopic skills training through adaptation of the “Fundamentals of Laparoscopic Surgery” tasks and trainer box as a supplement to the “Fundamentals of Endoscopic Surgery” examination, initial feasibility study</td>
<td>SAGES Education &amp; Research Foundation</td>
</tr>
<tr>
<td>Edward L. Jones, MD</td>
<td>The Ohio State University, Wexner Medical Center</td>
<td>Characterizing unintentional energy transfer during endoscopy</td>
<td>SAGES Education &amp; Research Foundation</td>
</tr>
<tr>
<td>Vivian deRuijter, MD</td>
<td>Stanford University, School of Medicine</td>
<td>A Google Glass Driven Validated Competency Metric Platform For Real Time Surgical Performance</td>
<td>SAGES Education &amp; Research Foundation</td>
</tr>
<tr>
<td>L. Michael Brunt, MD</td>
<td>Washington University School of Medicine</td>
<td>Promoting Mechanical Integration at the Tissue-Biomaterial Interface in Ventral Hernia Repair</td>
<td>SAGES Education &amp; Research Foundation</td>
</tr>
<tr>
<td>Lawrence Lee, MD, MSc</td>
<td>McGill University Health Center</td>
<td>Development Of A Patient-Centered Measure Of Postoperative Recovery In Abdominal Surgery Using Rasch Analysis</td>
<td>Karl Storz</td>
</tr>
<tr>
<td>Thomas Martin, MD</td>
<td>Carolinas HealthCare System</td>
<td>Development and Statewide Implementation of a Fundamentals of Endoscopic Surgery Proficiency-Based Curriculum for General Surgery Residents</td>
<td>SAGES Education &amp; Research Foundation</td>
</tr>
<tr>
<td>Anastasia Kunac, MD</td>
<td>Rutgers- New Jersey Medical School</td>
<td>Design and Validation of an Inexpensive Physical Endoscopic Simulator to Facilitate Fundamentals of Endoscopic Surgery Training Skills</td>
<td>SAGES Education &amp; Research Foundation</td>
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### Fundamentals of Endoscopic Surgery™ Research Grants:

- **Supported by SAGES Foundation**
  - **Recipient:** Thomas Martin, MD
    - **Institution:** Carolinas HealthCare System
    - **Title:** Development and Statewide Implementation of a Fundamentals of Endoscopic Surgery Proficiency-Based Curriculum for General Surgery Residents

- **Supported by SAGES Education & Research Foundation**
  - **Recipient:** Anastasia Kunac, MD
    - **Institution:** Rutgers- New Jersey Medical School
    - **Title:** Design and Validation of an Inexpensive Physical Endoscopic Simulator to Facilitate Fundamentals of Endoscopic Surgery Training Skills

### SAGES SMART™ Enhanced Recovery Grant:

- **Recipient:** Liane Feldman, MD
  - **Institution:** Montreal General Hospital
  - **Title:** A mobile device app to improve adherence to an enhanced recovery program for colorectal surgery: a randomized controlled trial
  - **Supported by Covidien**

### Career Development Award

- **Recipient:** Georgios Karagkounis, MD
  - **Institution:** Cleveland Clinic Foundation
  - **Title:** Statin Therapy and Rectal Cancer Response to Radiation
  - **This award is supported by the SAGES Education and Research Foundation.**
Wednesday, April 15, 2015

SAGES Researcher in Training Award
Presented by: David Urbach, MD, Research Committee Chair
Recipient: Edward Jones, 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. Jones is currently in an advanced flexible endoscopy fellowship under the direction of Dr. Jeffrey Hazey at the Ohio State University, Wexner Medical Center. As a resident and fellow, he has given a total of eight invited lectures and has fifteen abstracts and presentations at a variety of different professional meetings. Many of these center around the use of energy and energy based devices in the operating room. He has first authored eight manuscripts and co-authored on an additional twelve. Dr. Jones’ interests lies in the use of energy devices in the operating room and the risk of unintended thermal injury.

SAGES Young Researcher Award
Presented by: David Urbach, MD, Research Committee Chair with Representative from Olympus
Recipient: Rajesh Aggarwal, MD PhD
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. Aggarwal is an MIS/bariatric/foregut surgeon, trained in the United Kingdom, where he completed his PhD in Education and advanced training, under the mentorship of Ara Darzi. In July 2014, he moved to Montreal to take on his first full-time faculty position in the Department of Surgery at McGill University and as Director of the Arnold & Bluma Steinberg Medical Simulation Centre. He spends half of his time in educational research and in his role at the Simulation Centre; the remaining time is devoted to his practice of upper GI and bariatric surgery. From March 2010-January 2014, he was supported as a NIHR Clinician Scientist in Surgery which is a rare recognition given to a surgeon. Dr. Aggarwal’s clinical and research interests involve the use of patient-based, procedural and team-based simulation platforms, together with inter-professional learning, underpinned by evidence-based care pathways. He is the author of over 200 peer-reviewed articles and book chapters, has delivered numerous invited presentations to audiences worldwide, has mentored over 50 undergraduate, graduate and postgraduate students, including 11 doctoral and 8 Master’s students. Dr. Aggarwal is also very active member of SAGES, even while in the UK; he has contributed to the success of the Educational Resources, Resident Education, Quality, Outcomes & Safety, and the ERAS Committees of SAGES. Last year he received the SAGES Career Development Award.

SAGES Foundation - Margrét Oddsdóttir Award
Presented by: John Hunter, MD, SAGES Past President & SAGES Foundation Board Member
Recipient: Daliya AlMohammad Ali, MD
The Oddsdóttir Traveling Fellowship memorializes an international leader in laparoscopic surgery and a beloved member of the SAGES family. Dr. Margrét Oddsdóttir was born and grew up in a fishing village on the northwest coast of Iceland. She completed fellowship in laparoscopic surgery at Emory University with Dr. John Hunter, was the first advanced laparoscopic surgeon in Iceland, and was instrumental in developing the field of minimally invasive surgery in Nordic countries. Margrét attended SAGES every year, accompanied by as many as 3-10 nurses, residents, medical students and colleagues from Reykjavik.
Daliya AlMohammad Ali, MD is a surgical resident with the Kuwait Board of Surgery. She holds a Bachelor of Medicine degree from The Royal College of Surgeons in Ireland and is currently a Masters candidate in Public Health from Kaplan University.

SAGES Foundation - Excellence in Medical Leadership Award
Presented by: Bruce Schirmer, MD, SAGES Foundation President & Representatives from Gore
Recipient: Danielle Walsh, 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. Walsh is a pediatric surgeon at East Carolina University with a love of MIS. In addition to general surgery residency at MGH, she completed fellowships in Pediatric surgery and Fetal surgery. A SAGES member for 18 years, she has served on SAGES committees for the past 9 years. She was President of the Association of Women Surgeons 2013-2014, a 1500+ member international organization. When asked about her leadership style, Dr. Walsh says that much of her life has been spent pursuing opportunities to lead, succeeding or failing in those roles, and then using the lessons learned to move on to the next opportunity. With each role, from college Class President to her Presidency of the Association of Women Surgeons, she has grown in skill and fund of knowledge, which she has applied to the next position. She believes that “introspection to develop a skill set for revising and refining your approach to leading, especially in challenging scenarios, takes more time and a greater emphasis on self-reflection, with feedback and coaching.” She’s looking forward to attending nationally rated leadership courses in a desire to participate in a more intense period of training.
SAGES Foundation – Jeffrey L. Ponsky Master Educator in Endoscopy Award
Presented by: Bruce Schirmer, MD, SAGES Foundation President

Recipient: Kenneth A. Forde, MD

Dr. Forde is one of the founding fathers of SAGES and has served SAGES in many capacities. He was our second President, and had chaired and/or served on every major educational committee. He served as the Editor-in-Chief of *Surgical Endoscopy* for 10 years, Governor of the American College of Surgeons, President of the 8th (2002) World Congress of Endoscopic Surgery and has been involved over the years in inter-organization deliberations and other activities, including work with the American Board of Surgery, the American College of Surgeons, and the American Society for Gastrointestinal Endoscopy. A former President of the New York Surgical Society and the New York Society for Gastrointestinal Surgery, he served as Secretary of the SAGES Education and Research Foundation and is on the board of directors of the Foundation for Surgical Fellowships. A world renown colorectal surgeon, endoscopic surgeon, teacher and researcher at the Columbia University College of Physicians and Surgeons, he has been a recipient of many honors for teaching, humanitarianism and alumni service. Dr. Forde is a recipient of the SAGES Distinguished Service Award and the George Berci Lifetime Achievement Award. He is currently a Trustee of Columbia University and of the New York Presbyterian Hospital. In brief, he is a teacher, mentor, endoscopic champion and statesman.

Arnold P. Gold Foundation –
SAGES Award for Clinical Excellence and Humanism in Medicine
Presented by: David Rattner, MD, Awards Committee Chair

Recipient: LTC(P) Robert Lim, 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. Lim is the Chief of General Surgery and Advanced Laparoscopic Surgery at Tripler Army Medical Center. He is on active duty in the US Army and holds the title of Associate Professor at the Uniformed Services University of the Health Sciences. He is a graduate of the Phillips Exeter Academy, Davidson College and New York Medical College. He is fellowship trained in Advanced Laparoscopy at Harvard Medical School/Beth Israel Deaconess Medical Center. His clinical interests include obesity, bariatric surgery, advanced laparoscopic surgery and telemedicine. He serves as Bariatric Surgery consultant for the Pacific Regional Command, which includes all of Asia, Pacific Islands, and Hawaii (serving over 750,000 patients), is Chair of the Multidisciplinary Weight Loss Team at Tripler, serves over 500,000 patients, and is clinically active with over 300 cases/year, residency training, and medical school teaching. He is a well-recognized leader in General Surgery throughout the Army. His surgical colleagues speak very highly of his ability, his character and his dedication to service. He demonstrated a thorough understanding of the capabilities of all medical assets and was able to coordinate care in a way that provided seamless care to all wounded. As the Chief Surgeon at our NATO facility, Dr. Lim demonstrated the highest level of competence with the significantly wounded, which included NATO coalition forces, US forces, Afghan military and local national civilians. All received superior care and he was directly responsible for the life-saving resuscitation of countless casualties. He displayed an unflappable demeanor during times of great stress, and his leadership generated others to perform at their highest capacity. His commitment to excellence was also demonstrated by his efforts to develop an improved rapport with the local civilian Afghan surgeons in nearby Herat City, which resulted in unprecedented meetings with the local medical staff. As well, he continued to develop education with our lesser experienced NATO partners by providing a CME-type lecture series.

When it comes to caring for patients, this uniformed doctor is a role model for us all. He comforts patients and spends time with them, is right on with diagnosis and judgment, and is always calm and collected. He goes one step further and lives in far away, hostile places to care for soldiers who protect us. It may be Duty, Honor and Country for the soldier; but for Dr. Lim, it is also heart and compassion to patients and others before himself. He defines the Army Values of Selfless Service, Duty and Personal Courage. His contributions to the Army, and General Surgery, deserve full recognition. Dr. Lim serves on several committees at SAGES and is also a founder of Military Committees for SAGES and ASMBS, organizing all of the military's MIS and Bariatric surgeons. He has served in 5 Combat Missions in 4 overseas deployments as military surgeon in support of Operations Iraqi and Enduring Freedom; earned a Bronze Star, the Combat Action Badge and the Combat Medic Badge. Dr. Lim is an inspirational SAGES surgeon.

*SAGES gratefully acknowledges support by The Arnold P. Gold Foundation.*
Wednesday, April 15, 2015

SAGES International Ambassador Award

Recipient: Natan Zundel, MD

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

Dr. Zundel is currently the Clinical Professor of Surgery and serves as a Vice-Chairman of the Department of Surgery at FIU, Herbert Wertheim College of Medicine in Florida; he also serves as the Medical Director of the Bariatric and Metabolic Institute at Jackson North Medical Center, Miami. Dr. Zundel has long-standing Clinical Contributions and Global volunteer/community efforts. He has been present in courses, symposia, and lectures around the world. He has written 4 books, 30 book Chapters, 121 Manuscripts, 97 peer-reviewed papers and abstracts, and 100 lectures. Dr. Zundel is an active member of 32 Surgical Societies, serving on various committees and executive boards, has won 15 awards nationally and internationally, has participated in 16 editorial boards and has been an active member of 37 Postgraduate Courses and Societies. He is a Founder, Active and/or Honorary member of Laparoscopic and/or Bariatric Societies in 26 Countries, has served as the President of the World Congress of Endoscopic Surgery in April 2012, is currently the President of IFSO (International Federation for Obesity Surgery) - Latin-American chapter for the period 2013-2015, and is the President Elect of IFSO World for 2015. Since his Presidency of ALACE (Latin-American Society for Laparoscopic Surgery), SAGES established a great and close relation between the US and Latin-American Surgeons. Dr. Zundel has been working until today to reinforce these relations.

Dr. Zundel is a pioneer of advanced laparoscopic techniques in Latin America. He is and a passionate surgeon and educator of laparoscopic and endoscopic surgical techniques who has taught the world over.

SAGES Pioneer in Surgical Endoscopy Award

Recipient: Steven Rothenberg, MD

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

In 1995 the first pioneer in endoscopy award was awarded to Karl Storz for his incredible contributions to endoscopy. Since then, a long list of great general surgeons have been awarded this tremendous honor. During these years, we have seen groundbreaking advancements that now allow even the tiniest children to have major surgery with almost invisible scars. Dr. Rothenberg has helped define this for surgeons around the world and is one of the first surgeons in the world to perform advanced minimally invasive surgery in children and neonates. Without Dr. Rothenberg’s contributions, many children would still be subjected to maximally invasive surgery. He is a leader in neonatal MIS with the largest reported experience of neonatal endoscopic surgery (children <5kg). His tireless dedication to teaching has afforded surgeons everywhere, even in third world countries, the ability to learn from his techniques. Dr. Rothenberg developed a number of 3mm instruments used today and has also helped to promote needlescopic surgery in children and adults. He performed, described, and reported the first thoracoscopic repair for esophageal atresia with tracheo-esophageal fistula; is a leader in pediatric anti-reflux surgery with the largest reported experience of pediatric Nissens in the world (>2000); and is a leader in neonatal thoracoscopy with the largest reported experience of neonatal pulmonary lobectomies. While there are many deserving endoscopic pioneers, few have had such a drastic impact on the lives of so many children worldwide.

Dr. Rothenberg is currently Chief of Pediatric Surgery at the Presbyterian St. Lukes Medical Center in Denver, CO and Chairman, Dept. of Pediatrics at the Rocky Mountain Hospital for Children. He is the initial founder and Chair of the Pediatric Committee of SAGES and the first pediatric surgeon to be on the board of SAGES. He is also editor of 5 major textbooks on pediatric MIS.

SAGES Distinguished Service Award

Recipient: Daniel Deziel, 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 SAGES.

Dr. Deziel has devoted his time selflessly to SAGES and is really one of its unsung heroes. Since 1987, he has rolled up his sleeves and done the tasks that were asked of him, with humor and good cheer. He has served on multiple committees and often does the hard work without receiving all the glory. He has chaired the Educational Resources, Bylaws, Program, Finance and Nominating Committees, and served on 8 other committees in various capacities. He has also served as SAGES treasurer and president. He remains active to this day.

Dr. Deziel is the Helen Shedd Keith Professor and Chair of General Surgery at Rush University Medical Center in Chicago. He holds an academic appointment as Professor of Surgery at the Rush Medical College, and is on the Dean’s Council and Graduate Medical Education Committee. Over the years he held memberships in 18 different associations, and is co-editor of 6 books. He is recognized as an outstanding surgical educator and leader, having mentored many residents and faculty to successful careers. He has been recognized by his peers in Chicago as a Top Doctor on numerous occasions and has also been named the president of Chicago Surgical Society. Dr Deziel was one of the early adopters and proponents of laparoscopic ultrasound. Unknown to many, Dr. Deziel is an actor/performer par excellence and brings to stage the same enthusiasm and humor he brings to the O.R.
SAGES George Berci Lifetime Achievement Award
Presented by: L. Michael Brunt, MD, SAGES President

Recipient: Lee Swanstrom, 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. Swanstrom heads the Division of GI and Minimally Invasive Surgery at the Oregon Clinic and is Director of the Providence Health System’s Complex GI and Foregut Surgery Postgraduate Fellowship Programs. He holds an appointment as Clinical Professor in the Dept. of Surgery at OHSU, sits on the Board of the American Board of Surgery and is Past President of SAGES and the Fellowship Council. Most recently, he became the Chief Innovations Officer of the Institutes des Hopitaux Universitaires of the University of Strasbourg, France, where he directs the Innovations Fellowship program (I-SIP).

Dr. Swanstrom’s clinical focus is on minimally invasive treatments of a variety of esophageal and gastrointestinal disorders, particularly utilizing laparoscopy and interventional flexible endoscopy. He is a well known researcher with over 300 scientific papers, 50 book chapters and is the editor of 2 major surgical textbooks, including *Mastery of Endoscopic and Laparoscopic Surgery*, one of the leading laparoscopic textbooks in existence today. His research focus is in foregut physiology, human factors and technology assessment and new procedure development. This has resulted in 13 patents and a successful medical device startup company. He is and has been an investigator on numerous outcomes research studies for new procedures such as NOTES to determine their safety and efficacy for establishing new standards of care. He has said that his greatest pride has been the large numbers of fellows and residents who have been inspired to push the envelope in the field of GI surgery. Dr. Swanstrom has been making major contributions to the field of endoscopic surgery for almost a quarter of a century.

His work has been all encompassing and has included both clinical outcome studies and basic research to improve our understanding of various esophageal motility and other GI disorders. Most recently he has led this field toward interventional flexible endoscopy approaches such as with the POEM procedure for achalasia. Among his many firsts as an early adopter of laparoscopic surgery in the 1990’s he did the first lap Nissen, laparoscopic esophagectomy, and laparoscopic Heller myotomy in the U.S. Dr. Swanstrom helped found the journal *Surgical Innovations*, and is its Co-Editor in-Chief. More recently he was instrumental in obtaining a grant from the Ministry of Health in France to develop and implement an image guided surgery program for the French National Surgical Training Curriculum at the University of Strasbourg, an award in the amount of 86 million Euros. He recently formed a Foundation for Surgical Innovation and Education in Portland with the goal of advancing research and education in minimally invasive surgery.

Some of Dr. Swanstrom’s greatest contributions have impacted the area of surgical education and training and he has had a hand in the conception and development of many of the major education and training initiatives in MIS in the last 15 years. These include helping conceive and originate the SAGES Fundamentals of Laparoscopic program which has become such an important part of the SAGES brand. He co-founded the Fellowship Council and served as its third president, conceived and developed the STEP program for training in endoscopic skills, helped create the Foundation for Surgical Fellowships, and was a founding member of NOSCAR. Of his generation, he is unquestionably one of the leading early adopters of new techniques and technology in the field and has helped lead innovations in a number of areas. In 2009 he received the Distinguished Service Award from SAGES and in 2013 was admitted as a member of the Academie National de Medecin of France, one of the highest honors that one can achieve scientifically in that country.

EXHIBIT HALL VIDEO PRESENTATIONS

This year SAGES is pleased to introduce a new video theater in the exhibit hall. The theater will showcase short video submissions from a variety of authors and topics. We think this is the ideal session for any of your with a few extra minutes to cover a lot of information. Talks will be moderated and presented by the authors, but this is a non-CME session.
Wednesday, April 15, 2015

12:00PM - 3:30PM

**Exhibits Open**

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

RYMAN EXHIBIT HALL C

**SS1A: Video Presentations - Colorectal & Hernia**

*SAGES does not offer CME for this session*

**Moderator:** Gregory J. Mancini, MD; **Co-Moderator:** John A. Coller, MD

**V001 ROBOTIC-ASSISTED VENTRAL HERNIA REPAIR: INTRACORPOREAL PRIMARY CLOSURE WITH UNDERLAY MESH PLACEMENT**

Cheguevara Afaeh, MD, Rasa Zarnegar, MD; New York-Presbyterian Hospital/Weill Cornell Medical College

**V002 DEEP RECTAL SHAVING FOLLOWED BY TRANSANAL DISC EXCISION IN LARGE DEEP ENDOMETRIOSIS OF LOWER RECTUM: THE ROUEN TECHNIQUE**

Hорасе Роmаn, MD, PhD; Jean Jacques Tuech, MD, PhD; Rouen University Hospital

**V003 THE USE OF A VALVELESS TROCAR INSUFFLATION SYSTEM FOR TAMIS AND TRANSANAL TME**

Sam B Atallah, MD, FACS, FASCRS; Matthew R Albert, MD, FACS, FASCRS; Florida Hospital

**V004 TAMIS: EXCISION OF RECTAL TUMOR WITH DELAYED POST-OPERATIVE BLEEDING**

Michael E Dolberg, MD, Jeffrey P Snow, MD; Memorial Healthcare System

**V005 COMBINING ALL FORCES - APR IN OBESE MALE**

Jill Motl, MD, George Melich, MD, Tareq Kamal, MD, Ajit Pai, John Park, MD; Leela Prasad, Sławomir Marecik, MD; Lutheran General Hospital

**V006 LAPAROSCOPIC POSTERIOR RESECTION RECTOPEXY: MODIFIED WITH OBLITERATION OF POUCH OF DOUGLAS**

Grace S Hwang, MD, Alessio Pigazzi, MD, PhD; UC Irvine

**V007 COMBINED VAGINAL-LAPAROSCOPIC TRANSANAL APPROACH IN LARGE DEEP ENDOMETRIOTIC NODULES OF THE RECTUM**

Horace Roman, MD, PhD1, Remi Schmied, MD1, Jean-Jacques Tuech, MD, PhD1; Rouen University Hospital, 2San Martino University Hospital, Genoa, Italy

**V008 ROBOTIC SINGLE BOCKED, FULLY INTRACORPOREAL TOTAL PROCTOCOLECTOMY ILEAL POUCH - ANAL ANASTOMOSIS**

M Rauh, MD; Steven Ognibene, MD, Michael B Geary, BA; University of Rochester

**1:45PM - 3:30PM**

**SS1B: Video Presentations - Colorectal & Hernia**

*SAGES does not offer CME for this session*

**Moderator:** Tonia M. Youn-Fadok, MD; **Co-Moderator:** Richard A Pierce, MD

**V012 ENDOSCOPICALLY ASSISTED LAPAROSCOPIC WEDGE RESECTION OF COLON**

Ashwini Kumar, MD; Robert J Bowles, MD; University of Miami

**V014 COMBINED ENDOSCOPIC LAPAROSCOPIC SURGERY (CELS) FOR LARGE RIGHT COLON POLYPS**

Paul R O’Mahoney, MD; Tushar Samdani, MD, Sang W Lee, MD, Jeffrey W Milsom, MD; Weill Cornell Medical College-NewYork Presbyterian Hospital

**V015 LAPAROSCOPIC REPAIR OF A LEFT-SIDED PARADUODENAL HERNIA**

Joshua S Winder, MD; Shaukat A Gulfaraz, MD, Eric M Pauli, MD; Randy S Haluck, MD; Penn State Milton S. Hershey Medical Center

**V016 ROBOTIC SPERMATIC CORD LYSIS FOR TREATMENT OF POST-OPERATIVE CHRONIC TESTICULAR PAIN AFTER LAPAROSCOPIC TEP INGUINAL HERNIA REPAIR WITH MESH**

Erfan Zarrinkhoo, BA1, Shirin Towfigh, MD1, David Josephson, MD2; ‘Beverly Hills Hernia Center, 1Beverly Hills Hernia Center, 2Tower Urology

**V017 LAPAROSCOPIC REPAIR OF A TRAUMATIC DIAPHRAGMATIC HERNIA**

Tommy L. Kindel, MD; Jennifer Jolley, MD, Dmitry Oleynikov, MD; UNMC

**V018 LAPAROSCOPIC APPROACH FOR THE TREATMENT OF MORGAGNI’S HERNIA**

Rudolf Baron Buxhoeveden, MD, Francisco Schlottmann, Florencio Ocariz, Gustavo Bugari; Hospital Aleman de Buenos Aires

**V019 SMALL BOWEL OBSTRUCTION AFTER BILATERAL TAPP INGUINAL HERNIA REPAIR**

Caitlin Halbert, DO, Aurora Pryor, MD; Stony Brook University

**V020 CHOOSING THE RIGHT APPROACH FOR THE RIGHT PATIENT: USE OF TRANSVERSUS ABDOMINIS RELEASE (TAR)**

Tiffany C Cox, MD; Laurel J Blair, MD, Ciara R Huntington, MD, Vadra A Augenstein, MD, FACS, B. Todd Henfords, MD, FACS; Carolinas Medical Center

**V021 ROBOTIC-ASSISTED TRANSANAL ENDOSCOPIC TOTAL MESORECTAL EXCISION (TME) FOR LOW RECTAL CANCER IN AN OBESE MALE**

Amy Fiedler, MD, Liliana Bordeianou, MD, David Berger, MD, Patricia Sylla; Massachusetts General Hospital
**Half-Day Postgraduate Course:**
Bariatric Revisions from Historical Operations

**Chair:** Kevin Reavis, MD; **Co-Chair:** Brandon Williams, MD

**SESSION DESCRIPTION**
As Bariatric surgery matures as a surgical subspecialty, patients are now presenting for revisional candidacy years and decades following their index operation. Familiarity with the index operation is often lacking on the part of the patient and the consulted surgeon. Surgeons who are serving this increasingly complex and challenging patient population will benefit from this session.

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Classify the types of past and present bariatric surgical procedures
- Differentiate the various types of problems that present years/decades following bariatric surgery
- Formulate a strategy for assessing and safely treating long term sequelae of prior bariatric procedures

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Overview of Bariatric Operations Past And Present</td>
<td>Philip Schauer, MD</td>
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<tr>
<td>1:40PM</td>
<td>Pre-Op Work Up For Revision Patients (Op Reports, Nutrition Labs, EGD, Upper GI,</td>
<td>Ronald Clements, MD</td>
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<td>Psych Eval, Dietian Eval And Education)</td>
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<tr>
<td>1:50PM</td>
<td>Laparoscopic vs Open Approach To Revision</td>
<td>Bruce Schirmer, MD</td>
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<tr>
<td>2:00PM</td>
<td>Safety And Efficacy of Bariatric Surgery Revisions</td>
<td>Ranjan Sudan, MD</td>
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<tr>
<td>2:10PM</td>
<td>Panel Discussion</td>
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<tr>
<td>2:25PM</td>
<td>VBG: Emergency Complications (What Every Surgeon Needs To Know)</td>
<td>Jaime Ponce, MD</td>
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<tr>
<td>2:35PM</td>
<td>Conversion to RYGB: Technique, Pitfalls, and Outcomes</td>
<td>Ninh Nguyen, MD</td>
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<tr>
<td>2:45PM</td>
<td>Conversion to VSG: Technique, Pitfalls, and Outcomes</td>
<td>Ann Rogers, MD</td>
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<tr>
<td>2:55PM</td>
<td>Endoscopic Revision Options</td>
<td>Bipan Chand, MD</td>
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<tr>
<td>3:05PM</td>
<td>Panel Discussion</td>
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<tr>
<td>3:20PM</td>
<td>Break</td>
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<tr>
<td>3:30PM</td>
<td>BPD, DS, JIB: Emergency Complications (What Every Surgeon Needs To Know)</td>
<td>Marcus Dantas de Campos Martins, MD</td>
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<td>3:40PM</td>
<td>BPD and DS: Revision Options</td>
<td>Giovanni Dapri, MD, PhD</td>
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<tr>
<td>3:50PM</td>
<td>JIB: Reversal Considerations</td>
<td>Ricardo Cohen, MD</td>
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<tr>
<td>4:00PM</td>
<td>Panel Discussion</td>
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<tr>
<td>4:15PM</td>
<td>RYGB and Mini-Bypass: Emergency Complications (What Every Surgeon Should Know)</td>
<td>Denise Gee, MD</td>
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<tr>
<td>4:25PM</td>
<td>Banded RYGB Revision: Technique, Pitfalls, and Outcomes</td>
<td>Robin Blackstone, MD</td>
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<tr>
<td>4:35PM</td>
<td>Management of Gastro-Gastric Fistulae And Chronic Ulcers</td>
<td>Emanuele Lo Menzo, MD</td>
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<td>4:45PM</td>
<td>Panel Discussion</td>
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<tr>
<td>5:00PM</td>
<td>Gastric Plication: Management of Complications and Revision Options</td>
<td>Santiago Horgan, MD</td>
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<tr>
<td>5:10PM</td>
<td>Conversion of LAGB Another Operation: RYGB vs VSG and Single-stage vs Two-stage</td>
<td>Willie Melvin, MD</td>
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<tr>
<td>5:20PM</td>
<td>Panel Discussion</td>
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**LEARNING THEMES**
- Bariatrics
- New technologies/Skill acquisition

**GUIDELINES:**
- Guidelines for Clinical Application of Laparoscopic Bariatric Surgery (June 2008)
- Guidelines for Institutions Granting Bariatric Privileges Utilizing Laparoscopic Techniques (July 2009)
- Role of Endoscopy in the Bariatric Surgery Patient (April 2008)
Wednesday, April 15, 2015

Half-Day Hands-On Course: Endoscopic Management of Complications
Chair: Jose Martinez, MD; Co-Chair: Bipan Chand, MD

SESSION DESCRIPTION
This hands on course is designed for all levels of trainees and attending staff. The session is suitable for any assisting staff in the Operating or endoscopy room. The participant will perform a number of therapeutic endoscopic interventions including: band ligation, saline lift, endoscopic mucosal resection, foreign body retrieval, use of endoscopic cautery, endoscopic clipping and stenting. (Participants will work on ex-vivo models and simulators within the course).

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Demonstrate ability to connect and test components of endoscopic tower
• Select appropriate endoscopic tools for the management of bleeding, leaks, polyp resection and stricture management.
• Demonstrate understanding of the techniques used for polypectomy, hemorrhage control, clip placement and stent deployment.

ACTIVITY OUTLINE
Participants will be divided into a number of stations. Each station will start with an introduction to the parts of the endoscopic tower and its setup and troubleshooting.

Next, the participant will follow a series of therapeutic interventions to include during the Neoplasia Station:
1) Create polyps using a band ligator
2) Perform saline lifts on polyps created with scleral needle to simulate EMR technique
3) Once polyp resected treat base as an ulcer
4) Use cautery to burn base of polyp resected (learn use and difference between monopolar and bipolar endoscopic energy)
5) Burned base becomes a perforation (use clips to perform a closure of perforation)
6) Remove polyps resected using retrievers as demonstration of foreign body removal

THE STATIONS WILL INCLUDE:
Upper GI Neoplasia, Barret’s Esophagus Ablation, Endoscopic Antireflux Therapy, Endoscopic Suturing, Upper/Lower GI Stenting

INVITED FACULTY:
Diya Alaedeen, MD; Juan Astudillo, MD; Robert Bowles, MD; ; Diego Camacho, MD; Jeffrey Hazey, MD; Jeffrey Marks, MD; John Mellinger, MD; Dean Mikami, MD; Charles Ro, MD; Thadeus Trus, MD; Kevin Wasco, MD

*SAGES acknowledges an educational grant in support of this course from Boston Scientific
SAGES acknowledges contributions in-kind in support of this course from: 3D Systems, Boston Scientific, Covidien, EndoGastric Solutions, GI Supply, Halyard Health, Karl Storz Endoscopy, Merit Medical, Mederi Therapeutics, Olympus, US Endoscopy
Half-Day Hands-On Course: Career Breakouts
Chair: Rebecca Petersen, MD MSc; Co-Chair: Dimitrios Stefanidis, MD, PhD

SESSION DESCRIPTION
Grant writing and review, manuscript writing and review, and landing your first job.
Residents and fellows close to completing training or young attendings should attend the “Career Breakouts” session. Bringing own papers/grants for review is encouraged.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognize deficiencies in grant writing and manuscript preparation
• Apply techniques to improve grant writing and manuscript preparation
• Formulate plans for post-training careers

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>1:30PM - 3:00PM</td>
<td>Grant Writing &amp; Review</td>
<td>Dimitrios Stefanidis, MD, PhD</td>
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<tr>
<td></td>
<td>Review good and bad grant examples</td>
<td>Brent Matthews, MD</td>
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<td></td>
<td>Scoring sheets</td>
<td>Atul Madan, MD</td>
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<td></td>
<td>Breakout in small groups to develop grant “concept sheets” for critique &amp; review</td>
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<tr>
<td>1:30PM - 3:00PM</td>
<td>Manuscript Preparation &amp; Review</td>
<td>David Urbach, MD</td>
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<td>Review good &amp; bad manuscripts in small groups</td>
<td>Kyle Perry, MD</td>
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<td>Provide outline of critical elements to writing a great manuscript</td>
<td>Kfir Ben-David, MD</td>
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<td></td>
<td>Small groups to develop a manuscript outline for critique and review</td>
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<tr>
<td>3:00PM - 3:15PM</td>
<td>Break</td>
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<tr>
<td>3:30PM - 5:30PM</td>
<td>Landing your First Job</td>
<td>Group Leader: David Rattner, MD</td>
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<td></td>
<td>Mock interviews. Facilitator to appoint chief and new hire candidate. Plan for 10 minute role play sessions. Session Leader/Panel discussion to provide and solicit feedback during and at the end of each interview (15 minutes).</td>
<td>Critique Panel: Adrian Park, MD; David Urbach, MD; Dimitrios Stefanidis, MD, PhD; Rebecca Petersen, MD MSc; Melena Vassiliou, MD; Kyle Perry, MD; Dana Telem, MD</td>
</tr>
</tbody>
</table>

Note for Participants: Target audience is residents and fellows near completion of training or young attendings. Bringing own papers/grants for review is encouraged!

Look for our SAGES agents in pink at the conference to learn more about us and to quickly expedite your SAGES membership application!
Debate: Inguinal Hernia Debates
Chair: Melissa Phillips, MD; Co-Chair: David Earle, MD
DELTA BALLROOM C

SESSION DESCRIPTION
This session will present a debate style approach to current controversies in the repair of inguinal hernia. It addresses surgical technique including fixation methods and modifications of technique in the setting of incarceration and/or strangulation. This session is designed for the general surgeon and laparoscopic surgeon interested in MIS hernia repair.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Evaluate the surgical techniques for inguinal hernia repair including the advantages and disadvantages of each surgical option
• Differentiate laparoscopic mesh fixation options with specific attention to patient outcomes
• Address the modifications of surgical techniques in inguinal hernia repair that are required when incarcerated and/or strangulated bowel is present in the surgical field

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:30PM</td>
<td>Techniques in Hernia Repair: TAPP is the way to go</td>
<td>Eric Pauli, MD</td>
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<tr>
<td>1:45PM</td>
<td>Techniques in Hernia Repair: TEP is superior</td>
<td>Brian Jacob, MD</td>
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<tr>
<td>2:00PM</td>
<td>Techniques in Hernia Repair: Robotic</td>
<td>David S. Edelman, MD</td>
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<tr>
<td>2:15PM</td>
<td>Techniques in Hernia Repair: Panel Discussion</td>
<td>All above</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Fixation In Inguinal Hernias: Hold the Mesh in Place with Tacks!</td>
<td>Gina Adrales, MD MPH</td>
</tr>
<tr>
<td>2:40PM</td>
<td>Fixation In Inguinal Hernias: No Need for Tacks</td>
<td>Nathaniel Stoikes, MD</td>
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<tr>
<td>2:50PM</td>
<td>Fixation In Inguinal Hernias: Panel Discussion</td>
<td>All above</td>
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<tr>
<td>3:00PM</td>
<td>Incarcerated vs. Strangulated Inguinal Hernias: Laparoscopic Repair</td>
<td>James Bittner, MD</td>
</tr>
<tr>
<td>3:10PM</td>
<td>Incarcerated vs. Strangulated Inguinal Hernias: Open repair (With or Without Diagnostic Laparoscopy)</td>
<td>David Chen, MD</td>
</tr>
<tr>
<td>3:20PM</td>
<td>Incarcerated Femoral Hernias: Panel Discussion</td>
<td>All above</td>
</tr>
</tbody>
</table>

LEARNING THEMES
- Hernia
- New technologies/Skill acquisition

FES, FLS, and FUSE Testing Available!
Wednesday, April 15 - Friday, April 17, 2015
For more details or to schedule your test:
Fundamentals of Endoscopic Surgery™ www.fesprogram.org
Fundamentals of Laparoscopic Surgery™ www.flsprogram.org
Fundamental Use of Surgical Energy™ www.fuseprogram.org
Wednesday, April 15, 2015

1:30PM - 3:30PM
*Included in Registration SuperPass (Option A) or Registration Option B

Panel: Colorectal Strategies to Minimize the Impact of Surgery
Chair: Steven Wexner, MD; Co-Chair: Kirk Ludwig, MD

SESSION DESCRIPTION
This session will highlight innovative techniques that reduce the impact of surgery and improve the outcomes for patients with rectal lesions, such as transanal endoscopic surgery and transanal endoscopic total mesorectal excision, strategies for doing reoperative laparoscopic surgery to spare patients a standard laparotomy, and strategies for minimizing postoperative pain and reducing length of stay after surgery, which should improve patient experience and also improve outcomes. Finally, strategies for managing expectations in an era of new technology and new patient pathways for coming into and out of the hospital will be addressed. The session should be of interest to Colon and Rectal Surgeons and General Surgeons.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Articulate, apply and perhaps implement transanal microsurgical techniques in the care of patients with benign and malignant rectal disease
• Organize and implement a fast track protocol using pain management advances and ileus reducing strategies to optimize outcomes
• Discriminate what can and what perhaps cannot be done safely with reoperative laparoscopic colon and rectal surgery
• Integrate strategies for managing patient expectations into their practice

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Transanal Endoscopic Surgery: What Platform and What Can Be Done</td>
<td>Dana Sands, MD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Transanal Endoscopic Total Mesorectal Excision: Is it Time for NOTES for Rectal Cancer?</td>
<td>John Marks, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Perioperative Pain Management: Can We Get to 0/10?</td>
<td>Eric Haas, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>Reducing the Length and Severity of Postoperative Ileus: Fast Track in Practice</td>
<td>Conor Delaney, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Reoperative Laparoscopic Colon and Rectal Surgery: But it was Difficult the First Time</td>
<td>Jonathan Efron, MD</td>
</tr>
<tr>
<td>2:45PM</td>
<td>Managing Patient Expectations to Optimize Outcomes: Give Me a Strategy</td>
<td>Fabio Potenti, MD</td>
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<tr>
<td>3:00PM</td>
<td>Panel Discussion, Q &amp; A</td>
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</table>

Panel: Technology Innovation from Overseas (Program of the Americas)
Chair: Natan Zundel, MD; Co-Chair: Dmitry Oleynikov, MD

SESSION DESCRIPTION
This session is dedicated to introduction of new technology being used by international and north and south Americans for novel surgical care. Attendance of the session should be by all surgeons interested in new technology.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify new technological breakthroughs that can significantly improve their patient care
• Evaluate new technology and its potential to change practice patterns
• Select which technologies can help them and which are not yet passed the early experimental stages

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Endoscopic Anterior Fundoplication with the Medigus SRS Transoral Surgical Stapler</td>
<td>Santiago Horgan, MD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Augmented Reality Telementoring Tool to Assess and Guide Chief to Intern Intraoperative Education: The Google Glass Experience</td>
<td>Ozanan Meireles, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>A Novel Fully Endoscopic, Endolumenal Gastric Bypass for the Treatment of Morbid Obesity</td>
<td>Bryan J Sandler, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>Endoscopy for Primary Bariatric Procedures and Revisions</td>
<td>Natan Zundel, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Mini Robots: Where Do They Fit In With Laparoscopic Tools?</td>
<td>Dmitry Oleynikov, MD</td>
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<tr>
<td>2:45PM</td>
<td>MIS with Magnets</td>
<td>Guillermo Dominguez, MD</td>
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<tr>
<td>3:00PM</td>
<td>Knife Septotomies for Chronic Fistulas</td>
<td>Josemberg Campos, MD</td>
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<tr>
<td>3:15PM</td>
<td>Q&amp;A</td>
<td>Moderator: Ricardo Torres, MD</td>
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</tbody>
</table>

LEARNING THEMES
NS New technologies/Skill acquisition

GUIDELINES:
• TAVAC Safety and Effectiveness Analysis: Linx Reflux Management System (May 2013)
• Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery (October 2014)

@SAGES_Updates www.facebook.com/SAGESSurgery · www.sages.org
Wednesday, April 15, 2015

Panel: Endocrine Surgery – Balancing Innovation and Quality
Chair: William Inabnet III, MD; Co-Chair: Vanessa Palter, MD

SESSION DESCRIPTION
The assessment, work-up and surgical management of endocrine diseases involving the thyroid, adrenal, pancreas and parathyroid can be challenging. This session will provide an approach to the management of these conditions with a minimally invasive focus. In addition, innovative approaches to the surgical management of endocrine diseases will be discussed.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Manage patients with thyroid nodules and thyroid cancer according to the revised ATA guidelines
• Identify and differentiate between the various types of functioning adrenal nodules and manage them accordingly
• Recognize patients with pancreatic neuroendocrine tumours and plan an appropriate operative approach
• Integrate different minimally invasive techniques for endocrine surgery into their practice
• Understand quality metrics as they apply to endocrine surgery

ACTIVITY OUTLINE

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>Overview of Revised ATA Guidelines for Thyroid Nodules and Cancer</td>
<td>Carmen Solorzano, MD</td>
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<tr>
<td>3:45PM</td>
<td>Functioning Adrenal Nodules</td>
<td>Kate Madorin, MD</td>
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<tr>
<td>4:00PM</td>
<td>Pancreatic Neuroendocrine Tumors</td>
<td>Juan Pablo Pantoja, MD</td>
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<tr>
<td>4:15PM</td>
<td>Minimally Invasive Endocrine Surgery Techniques</td>
<td>William Barry Inabnet III, MD</td>
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<tr>
<td>4:30PM</td>
<td>Robotic Endocrine Surgery</td>
<td>Hyun Suh, MD</td>
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<tr>
<td>4:45PM</td>
<td>Monitoring Quality in Endocrine Surgery</td>
<td>William B Inabnet III, MD</td>
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</tbody>
</table>

LEARNING THEMES
SO Solid Organ
NS New technologies/Skill acquisition

GUIDELINES:
• Guidelines for the Minimally Invasive Treatment of Adrenal Pathology (February 2013)
• Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery (October 2014)

What’s New in the Exhibit Hall?
There are more reasons than ever to visit the exhibit hall! In addition to the latest and greatest products and technologies, you will find:
» New Wednesday Hours – Added 12:00pm - 3:30pm
» SAGES Cafe and Theatre – pick up lunch or a snack, and enjoy the new “VIDEO PRESENTATIONS” sessions
» Happy (Half) Hour – join exhibitors for a beer and a snack before heading back to the sessions! Or, grab a cup of coffee and visit the exhibits during the morning break.
» Exhibit Hall Oasis/Charging Station – stop in for a break while charging phones, computers and tablets, or check email at the internet station.
» Exhibits will be closed on Saturday – please plan accordingly
Panel: GI Cancer Management (joint with KSELS)
Chair: Vivian Strong, MD; Co-Chair: Hong-Jin Kim, MD, PhD; & Matthew Kalady, MD

SESSION DESCRIPTION
This panel is intended for the general surgeon encountering upper and lower GI malignancies. The aim is to provide updated staging and treatment recommendations based on evidence-based data. The goal is also to discuss the role for emerging applications of minimally invasive approaches in the treatment of these malignancies.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Understand the newest approaches to the staging, workup and robotic treatment options for esophageal cancer
- Discuss the updated approaches to the staging, workup and MIS treatment options for gastric cancer
- Learn about colorectal mesocolic excision, and understand staging and workup for rectal cancer in addition to techniques for robotic resection

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<th>Presentation Title</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>Esophageal Cancer: Staging And Workup, Including Emr And Neoadjuvant Treatment</td>
<td>David Ilson, MD, PhD</td>
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<tr>
<td>3:43PM</td>
<td>Robotic Esophagectomy, Fact Or Fiction?</td>
<td>Inderpal Sarkaria, MD</td>
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<tr>
<td>3:56PM</td>
<td>Esophageal Surgery - Korean Experience</td>
<td>Young-Mog Shim, MD</td>
</tr>
<tr>
<td>4:09PM</td>
<td>The Newest Advances And Recommendations For Staging And Treatment Of Gastric Cancer</td>
<td>Kaitlyn Kelly, MD</td>
</tr>
<tr>
<td>4:22PM</td>
<td>Robotic Gastrectomy - Everything You Want To Know</td>
<td>Woo Jin Hyung, MD</td>
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<tr>
<td>4:35PM</td>
<td>Total Mesocolic Excision - Surgical Principles And The Impact On Outcome</td>
<td>Herman Kessler, MD</td>
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<tr>
<td>4:48PM</td>
<td>Staging For Rectal Cancer - Approach And Decisions On Neoadjuvant Therapy</td>
<td>George Chang, MD</td>
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<tr>
<td>5:01PM</td>
<td>Minimally Invasive Approaches To Rectal Cancer: What Is The Data?</td>
<td>Seon Hahn Kim, MD</td>
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<tr>
<td>5:15PM</td>
<td>Panel Discussion – Q&amp;A</td>
<td>Panel</td>
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</table>

LEARNING THEMES
- FOR Foregut
- C Colorectal

GUIDELINES:
- Guidelines for Diagnostic Laparoscopy (November 2007)
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer (February 2012)
**Panel: Innovation in the US – The Future of Surgical Innovation**

Chair: Ross Goldberg, MD; Co-Chair: Ben Poulose, MD MPH

**SESSION DESCRIPTION**

As more focus has turned to cost containment, the question arises as to where does innovation fit into this new age of health care? What is the surgeon’s role? Every surgeon needs to know how and where they can succeed in this new realm of cost containment while still advancing the science and technology of surgery.

**SESSION OBJECTIVES**

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

- Demonstrate an understanding of how innovation fits into the new era of cost containment
- Apply the discussed techniques to bring innovation to their practices and their hospitals
- Articulate how the FDA fosters innovation with surgeons

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>Introduction</td>
<td>Ross F Goldberg, MD</td>
</tr>
<tr>
<td>3:35PM</td>
<td>Innovation in this Era of Cost Containment</td>
<td>Steve Eubanks, MD</td>
</tr>
<tr>
<td>3:45PM</td>
<td>How can the FDA foster innovation with surgeons</td>
<td>Herbert Lerner, MD</td>
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<tr>
<td>3:55PM</td>
<td>The Surgical Innovator</td>
<td>Raymond P. Onders, MD</td>
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<tr>
<td>4:05PM</td>
<td>What Can We Innovate? Expanding Beyond Medical Devices (Innovation in Value Improvement, Surgical Coaching)</td>
<td>Justin Dimick, MD</td>
</tr>
<tr>
<td>4:15PM</td>
<td>How to Get Your Innovation from Idea to Practice (The PEG As An Example)</td>
<td>Jeffrey Ponsky, MD</td>
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<tr>
<td>4:25PM</td>
<td>Panel Discussion</td>
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</table>

**LEARNING THEMES**

- Academic/Educational
- Professional/Economic
- New technologies/Skill acquisition

**GUIDELINES:**

- Guidelines for the Use of Laparoscopic Ultrasound (March 2009)
- Guidelines for Granting of Ultrasonography Privileges for Surgeons (April 2011)
- Ethical Considerations Regarding the Implementation of New Technologies and Techniques in Surgery (October 2014)

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

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**Panel: FDA Advisory On Duodenoscopes**

Chair: Brian Dunkin, MD; Co-Chair: Michael Kochman, MD

**SESSION DESCRIPTION**

Elevator-channel endoscopes are being increasingly recognized as implicated in multidrug resistant bacterial infection transmission even when processed according to manufacturer and FDA guidelines. This session will review the issues surrounding this failure of HLD.

**SESSION OBJECTIVES**

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

- Articulate the issues surrounding HLD of elevator channel endoscopes
- Recognize potential endoscope infection transmission issues
- Plan appropriate steps for reprocessing of elevator-channel containing endoscopes going forward

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:00PM</td>
<td>The UCLA Experience</td>
<td>Zachary Rubin, MD</td>
</tr>
<tr>
<td>4:12PM</td>
<td>Scope Design Issues</td>
<td>Chris Lavanchy</td>
</tr>
<tr>
<td>4:24PM</td>
<td>Infection Detection</td>
<td>David Pegues, MD</td>
</tr>
<tr>
<td>4:36PM</td>
<td>The FDA Viewpoint</td>
<td>Herbert Lerner, MD</td>
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<tr>
<td>4:48PM</td>
<td>Panel Discussion</td>
<td>Above Faculty</td>
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</table>

**LEARNING THEMES**

- Professional/Economic
- Flex Endo

**GUIDELINES:**

- Multisociety Guidelines on Endoscope Reprocessing (AGA, ASGE)
Opening Session - SAGES Early History Movie

Moderator: L. Michael Brunt, MD

DELTA BALLROOM A
(Non-CME Activity)

SAGES does not offer CME for this session

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

We encourage you to all attend the new opening session at SAGES 2015. We will also review expected highlights for the meeting and share updates from SAGES.

Welcome Reception in Exhibit Hall
Free to All Paid Registrants and Guests!

Local Nashville singer/songwriter/guitarist, Ray Neighbors, will welcome you upon entry to the exhibit hall!
Please give him a moment of your time as you enter, and consider supporting him as a local musician.

Look for our SAGES agents in pink at the conference to learn more about us and to quickly expedite your SAGES membership application!
# 2015 SAGES Webcast Sessions

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

## Thursday, April 16, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty</th>
</tr>
</thead>
</table>
| 7:30AM - 10:30AM | **Updates in Abdominal Wall Management - Mesh Theory, Tissue Use, Complex Locations** Post-Graduate Course | Chair: William Hope, MD  
Co-Chair: Chan Park, MD |
| 10:30AM - 11:15AM | **Humanitarian Lecture:**  
"Global Surgery: Leveraging Laparoscopy to Improve Overall Surgical Care" | Horacio Asbun, MD |
| 11:15 AM - 12:00PM | **Keynote: Karl Storz Lecture:**  
"No Shortcuts to the Top - Climbing the World's Highest Peaks" | Ed Viesturs |
| 1:30PM - 3:00PM | **Management of Unusual and Complex Cases - Similarities and Differences across the ocean** (joint with JSES) Panel | Chair: Manabu Yamamoto, MD  
Co-Chair: Steven Schwartzberg, MD |
| 3:00PM - 5:00PM | **Avoiding Bile Duct Injury and Other Untoward Outcomes - Optimizing Your Approach to Cholecystectomy Panel** | Chair: Robert Fanelli, MD  
Co-Chair: Horacio Asbun, MD |

## Friday, April 17, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM - 8:30AM</td>
<td><strong>Scientific Session: Top Hernia Videos</strong></td>
<td>Moderators: Nicole Fearing, MD &amp; Jin Soo Yoo, MD</td>
</tr>
<tr>
<td>8:30AM - 10:00AM</td>
<td><strong>Plenary Session 1</strong></td>
<td>Moderators: Brian Dunkin, MD &amp; Seigo Kitano, MD</td>
</tr>
</tbody>
</table>
| 10:00AM - 10:45AM | **Presidential Address:**  
"A SAGES Magical Mystery Tour" | L. Michael Brunt, MD |
| 10:45AM - 11:30AM | **Gerald Marks Lecture:**  
"Surgical Residency Redesign: What needs to change?"  | Frank R. Lewis, MD |
| 11:30AM - 12:30PM | **Presidential Debates**                                               | Chair: Christopher Schlachta, MD  
Co-Chair: Jo Buyske, MD |
| 2:00PM - 3:30PM | **Scientific Session: Foregut**                                        | Moderators: Desmond Birkett, MD & Karl Fuchs, MD |
| 3:30PM - 5:30PM | **Emerging Technology**                                                 | Chair: J. Stephen Scott, MD  
Co-Chair: Daniel Scott, MD |

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*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**

**Karl Storz Endoscopy**

**Stryker Endoscopy**

**Swanson Family Foundation**
<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
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<tbody>
<tr>
<td>7:30 AM - 5:00 PM</td>
<td>Full-Day Military Surgical Symposium</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Postgraduate Course: Updates in Abdominal Wall Management - Mesh Theory, Tissue Use, Complex Locations</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Postgraduate Course: FUSE™ - Preparation/Refresher Course</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Symposium: Minimal Access - Lessons from NOTES and Single Site Surgery</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>7:30 AM - 10:30 AM</td>
<td>Panel: Complex and Unusual Esophageal Disorders (joint with SSAT)</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>7:30 AM - 9:00 AM</td>
<td>SS2 Concurrent Session: Video Session: MIS for Foregut Diseases</td>
<td>Delta Ballroom C</td>
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<tr>
<td>9:00 AM - 10:30 AM</td>
<td>SS3 Concurrent Session: Cholecystectomy</td>
<td>Delta Ballroom C</td>
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<tr>
<td>9:00 AM - 10:00 AM</td>
<td>SAGES Guest/Spouse Breakfast – In Memory of Barbara Marks</td>
<td>Washington B</td>
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<tr>
<td>9:30 AM - 10:30 AM</td>
<td>Exhibits, Poster Session &amp; Learning Center Open</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>9:30 AM - 10:30 AM</td>
<td>SS4 Concurrent Session: Exhibit Hall Video Presentations - Solid Organ (non-CME)</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>10:45 AM - 11:15 AM</td>
<td>Keynote: Humanitarian Lecture – Horacio Asbun, MD</td>
<td>Delta Ballroom A</td>
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<tr>
<td>11:15 AM - 12:00 PM</td>
<td>Keynote: Karl Storz Lecture – Ed Viesturs</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>FREE GRAB AND GREET LUNCH for All Attendees</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>Educator's Luncheon</td>
<td>Washington B</td>
</tr>
<tr>
<td>12:00 PM - 4:00 PM</td>
<td>SS5 Concurrent Session: Exhibit Hall Video Presentations - Foregut (non-CME)</td>
<td>Delta Ballroom C - Theater</td>
</tr>
<tr>
<td>1:30 PM - 5:00 PM</td>
<td>Postgraduate Course: HPB / Robotics- Current State of MIS Hepatopancreatobiliary Surgery</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: All Things Hernia</td>
<td>Ryman Exhibit Hall B6</td>
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<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hands-On Course: Minimal Access Tricks and Techniques</td>
<td>Ryman Exhibit Hall B6</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>SS6 Concurrent Session: Flexible/Therapeutic Endoscopy</td>
<td>Bayou A/B</td>
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<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: Management of Unusual and Complex Cases (joint with JSES)</td>
<td>Delta Ballroom B</td>
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<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: SAGES Talks</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: The Science Behind Diabetes Therapy - Surgery, Medical Updates and Mechanisms</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>3:00 PM - 3:30 PM</td>
<td>Refreshment Break/ Happy ½ Hour in Exhibit Hall</td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>3:00 PM - 5:00 PM</td>
<td>Panel: Avoiding Bile Duct Injury and Other Untoward Outcomes - Optimizing Your Approach to Cholecystectomy</td>
<td>Delta Ballroom B</td>
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<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Open to MIS - What is Taking Us So Long?</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>3:30 PM - 5:00 PM</td>
<td>Panel: Adolescent Bariatric Surgery - What Every Surgeon Should Know (joint with IPEG)</td>
<td>Delta Ballroom C</td>
</tr>
</tbody>
</table>

**Industry Education Evening Events (non-CME):**

- **5:30 PM - 7:30 PM**  “Fixation Redefined”
  Presented by Davol Inc., a BARD Company
  Jackson A/B

- **5:30 PM - 7:30 PM**  “Uncover Your Future with DaVinci®”
  Presented by Intuitive Surgical
  Presidential Chamber B

- **5:30 PM - 7:30 PM**  “Innovations in Managing Complex Foregut and Bariatric Surgery”
  Presented by Olympus America, Inc.
  Jackson E/F
Thursday, April 16, 2015

Full-Day Military Surgical Symposium

Chair: LTC (P) Robert Lim, MD; Co-Chair: Gordon Wisbach, MD

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

SESSION DESCRIPTION
The intent of this conference is to provide a forum for the presentation and discussion of current and ongoing military and military-relevant research, as well as educational topics of relevance to the military surgical community. Both civilian and military experts from various fields will present their ideas and lessons on surgical care in order to foster the continued interaction and exchange of ideas between the civilian and military medical communities.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify and address specific care issues related to combat surgical care and improve patient survival rates.
• Recognize the specific care issues related to austere environment surgical care.
• Integrate surgical advancements learned from the battlefield surgical care into garrison practice and improve patient safety.

ACTIVITY OUTLINE

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<tr>
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<tbody>
<tr>
<td>7:30AM</td>
<td>Basic Science Session</td>
<td>CAPT Romeo Ignacio, MD, LTC Eric Johnson, MD, LTC Peter Learn, MD</td>
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<tr>
<td>9:30AM</td>
<td>LTC Mark Taylor Lecture</td>
<td>COL (ret) George Peoples, MD</td>
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<tr>
<td>10:00AM</td>
<td>General Surgery Session - GEN Frederick Plugge, MD Lecture</td>
<td>COL (ret) Norman Rich, MD</td>
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<tr>
<td>10:25AM</td>
<td>Break for SAGES Keynote Lectures and Lunch</td>
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<tr>
<td>1:30PM</td>
<td>General Surgery Session (continues)</td>
<td>LTC Richard Smith, MD, MAJ Lucas Neff, MD, LCDR Matthew Tallock, MD</td>
</tr>
<tr>
<td>3:30PM</td>
<td>Trauma/Critical Care Session 1</td>
<td>COL Matthew Martin, MD, CAPT Thomas Nelson, MD, COL Richard Strilka, MD</td>
</tr>
</tbody>
</table>

BASIC SCIENCE PRESENTATIONS

EFFICACY OF A NOVEL FLUOROSCOPY-FREE ENDOVASCULAR BALLOON DEVICE WITH PRESSURE RELEASE CAPABILITIES IN THE SETTING OF UNCONTROLLED JUNCTIONAL HEMORRHAGE Kyle K Sokol, MD, George E Black, MD, Robert Shawhan, MD, Matthew J Eckert, MD, B W Starnes, MD, Matthew J Martin, MD; 1Madigan Army Medical Center, 2University of Washington

SUSPENSION OF BIOLOGIC TIME IN FATAL TRAUMATIC INJURY: PRELIMINARY RESULTS FROM THE BIOCHRONICITY PROJECT George E Black, MD, Kyle K Sokol, MD, Robert Shawhan, MD, Matthew J Eckert, MD, Matthew J Martin, MD; Madigan Army Medical Center

CEREBRAL OXYGEN DELIVERY AND CONSUMPTION ARE PRESERVED DURING VASOPRESSOR RESUSCITATION IN A PORCINE MODEL OF SEVERE HEMORRHAGIC SHOCK Alexander Malloy, DO, Paul Wetstein, MD, Patrick Golden, DO, Catherine Uyehara, PhD; Department of Clinical Investigation, Tripler Army Medical Center

SUGAR OR SALT?: THE RELATIVE ROLES OF THE GLUCOCORTICOID AND MINERALOCORTICOID AXES IN TRAUMATIC SHOCK Daniel Nelson, DO, George Black, MD, Mia Debarros, MD, Quinton Hatch, MD, Christopher Porta, MD, Derek McVay, DO, Matthew Eckert, MD, Matthew Martin, MD; Madigan Army Medical Center

DIFFERENTIAL EFFECTS OF CATECHOLAMINES AND VASOPRESSIN ON REGIONAL BLOOD FLOW DISTRIBUTION DURING RESUSCITATION IN A PORCINE MODEL OF SEVERE HEMORRHAGIC SHOCK Paul Wetstein, MD, Alexander Malloy, DO, Catherine Uyehara, PhD; Tripler Army Medical Center

THE EFFECT OF TILT ON FLOW AND PRESURESURES IN A MINIATURIZED EXTRACORPOREAL LIFE SUPPORT SYSTEM Hilary B Loge, MD, Ryan Schutter, MD, Brian J Gavitt, MD, MPH, Jeremy Cannon, MD, J Kevin Grayson, DVM, PhD, B. Zane Atkins, MD, FACS, 1Travis AFB, 2McConnell AFB, 3FT Sam Houston

HYPERBARIC SUB-NORMOTHERMIC PERFUSION MAINTAINS TISSUE COMPOSITES EX-VIVO BEYOND THE LIMITS OF COLD ISCHEMIA. Sharon D Lawson, MD, Lin Wang, MD, Anton Fries, MD, Michael Davis, MD; USAISR

PARTIAL RESUSCITATIVE ENDOVASCULAR BALLOON OCCLUSION OF THE AORTA (P-REBOA) MINIMIZES DISTAL ISCHEMIA WHILE PRESERVING CENTRAL CIRCULATION IN A SWINE MODEL (SUS SCROFA). Rachel M Russo, MD, Christopher Lamb, MD, Lucas P Neff, MD, Kevin Grayson, DVM, PhD, Jeremy W Cannon, MD, Timothy K Williams, MD, UC Davis Department of Surgery, 1East Midlands Deanery, 2David Grant Medical Center, Travis AFB, 3San Antonio Military Medicine Consortium
Thursday, April 16, 2015

Full-Day Military Surgical Symposium (continued)

BAYOU C/D

GENERAL SURGERY PRESENTATIONS

OPEN VERSUS LAPAROSCOPIC UNILATERAL INGUINAL HERNIA REPAIRS: COMPLICATIONS MAY BE BASED ON TECHNIQUE AND ARE INDEPENDENT OF OBESITY  
Ashley D Willoughby, DO, Robert B Lim, MD, Michael B Lustik; Tripler Army Medical Center

SEE ONE, DO ONE, TEACH ONE: AN ANALYSIS OF CHIEF RESIDENT TEACHING ASSIST CASES UNDER VARYING LEVELS OF ATTENDING SUPERVISION  
Avery Walker, MD, Josh Smith, DO, John McClellan, MD, Eric Johnson, MD, Matthew Martin, MD; Madigan Army Medical Center

GASTROESOPHAGEAL REFLUX IN A COHORT OF MORBIDLY OBESE PATIENTS BEFORE AND AFTER SLEEVE GASTRECTOMY.  
Amy Stratton, DO, Scott Rehrig, MD; Walter Reed National Military Medical Center

THE MASTECTOMY RATE FOR DCIS IS INCREASING IN AN EQUAL-ACCESS HEALTHCARE SYSTEM  
Tawakalitu Oseni Oseni, MD, Cary Goepfert, MD, Ryan Rockhill, MD, Louis Rivera, MD, Peter Soballe, MD; Naval Medical Center San Diego, Unifomed Services University

APPLICATION OF FLAT MASTERY TRAINING STANDARDS TO AN ECONOMICALLY DIFFERING PLATFORM  
Mercy D Wagner, MD, Mary T O’Donnell, MD, Kristen D Trinca, MD, Elliott Silverman, PAC, E. Matthew Ritter; WRNMMC, USUHS

BREAST CONSERVATION VERSUS MASTECTOMY FOR EARLY STAGE BREAST CANCER: HOW DOES THE DEPARTMENT OF DEFENSE COMPARE?  
William E Sherman, MD, Benjamin F Stork, MD, Julie A Rizzo, MD, Cletus A Arciero, MD; Dwight D. Eisenhower Army Medical Center, Naval Aerospace Medical Institute, United States Army Institute of Surgical Research

LAPAROSCOPIC-ASSISTED TRANSVAGINAL CHOLECYSTECTOMY: EXPERIENCE WITH FIRST 10 PATIENTS IN A MILITARY INSTITUTION  
Jesse Bandle, MD, Gordon Wisbach, MD; Naval Medical Center San Diego

TRAUMA/Critical CARE PRESENTATIONS

THE INCIDENCE OF PULMONARY EMBOLISM AFTER COMBAT RELATED TRAUMATIC AMPUTATION IS HIGHER THAN WE THOUGHT: AN ANALYSIS OF 366 COMBAT CASUALTIES  
Matthew D Tadlock, MD, Matthew Hannon, MD, Ted Melcer, PhD, Jay Walker, BA, Jesse Bandle, MD, Kameran Nieses, Michael Galanneau, MS, NREMT; Naval Hospital Camp Pendleton, Naval Medical Center San Diego, Naval Health Research Center

THE COST OF DAMAGE CONTROL LAPAROTOMY: HERNIA INCIDENCE AFTER LAPAROTOMY IN THE WAR-INJURED PATIENT  
Jillian Piaggione, BS, Amy Vertrees, MD; Uniformed Services University of the Health Sciences, Walter Reed National Medical Center

PRE-HOSPITAL INTERVENTIONS IN SEVERELY INJURED PEDIATRIC PATIENTS: RETHINKING THE ABC’S.  
Kyle K Sokol, MD, G E Black, MD, K S Azarow, MD, W Long, MD, Matthew J Eckert, MD, Matthew J Martin, MD; Madigan Army Medical Center, Oregon Health and Science University, Legacy Emanuel Medical Center

ANALYSIS OF COALITION SOLDIERS SUSTAINING BILATERAL TRAUMATIC AMPUTATIONS WITH PERINEAL INVOLVEMENT SECONDARY TO IMPROVISED EXPLOSIVE DEVICE  
Danielle M Herder, MD, Saldhana Vilas, MD, Paul Chessтовich, MD, Nichole Ingalls, MD; United States Air Force/University of Nevada School of Medicine, University of Nevada School of Medicine

SURGICAL CRITICAL CARE AND ULTRASOUND TRAINING: CHANGING THE PARADIGM  
Cassandra L Cardarelli, MD, Glaser Jacob, MD, Matthew Vasquez, MD, Thomas Scalea, MD, Sarah Murtphi, MD; Walter Reed National Military Medical Center, Bethesda, MD, USA, Critical Care Ultrasound Dept, Dept of Surgery and Critical Care, UMMS, Balt, MD, USA, Department of Surgery and Surgical Critical Care, UMMS, Baltimore, MD, USA

DO ADVANCES IN CT TECHNOLOGY HAVE AN IMPACT ON IDENTIFYING TRAUMATIC PANCREATIC INJURY?  
Matthew Vasquez, MD, Cassandra Cardarelli, MD, Jacob Glaser, MD, Thomas Scalea, MD, Deborah Stein, MD, Sarah Murtphi, MD; Walter Reed National Military Medical Center, Bethesda, Maryland, Department of Surgery and Surgical Critical Care, UMMS, Baltimore, Maryland
SS2 Concurrent Session: Video Session: MIS for Foregut Diseases
Moderator: Paresh C. Shah, MD; Co-Moderator: Carlos A. Pellegrini, MD
V022 FACING MISHAPS AROUND THE HIATUS Stylianos Tsakalis, MD, Bernard Dallamagne, MD, Carter Lebares, Didier Mutter, Jacques Marescaux, Silvana Perretta, CHU - Nouvel Hopital Civil, Strasbourg, ‘university hospital california san francisco (UCSF)
V023 THE USE OF WEDGE COLLIS GASTROPLASTY TO TREAT SHORT ESOPHAGUS ENCOUNTERED DURING LAPAROSCOPIC HIATAL HERNIA REPAIR AND 360 DEGREE FUNDOPPLICATION Patrick R Reardon, MD, Lee M Morris, MD, Houston Methodist Hospital
V024 LAPAROSCOPIC TREATMENT OF SEVERE REFUX FOLLOWING POEM Joshua Langert, MD, Ryan Broderick, MD, Cristina Harnsberger, MD, Christopher DuCoin, MD, MPH, Hans Fuchs, MD, Moneer Almadani, MD, Garth Jacobsen, MD, Santiago Horgan, MD, University of California, San Diego
V025 LAPARO-ENDOSCOPIC RE-DO HEPATICOJEJUNOSTOMY AFTER COMMON BILE DUCT INJURY Adolfo Cuendis, MD, C Morales, MD, M Rojano, MD, M Muco, I Aguirre, F Torres, Lc Fernandez; ‘private practice, ‘SSA
V026 LAPAROSCOPIC RESECTION OF A BRUNNER’S GLAND HAMARTOMA OF THE DUODENUM Konrad Sarosiek, MD, John Stem, MD, Francesco Palazzo, MD, Michael Pucci, MD, Thomas Jefferson University Hospital
V027 LAPAROSCOPIC EXCISION OF GASTROESOPHAGEAL MASS Jeffrey N Harr, MD, MPH, Fred Brody, MD, MBA; The George Washington University
V028 LAPAROSCOPIC DOR FUNDOPLICATION AND GASTROPLASTY FOR GASTRIC SLEEVE STENOSIS WITH A PROXIMAL DILATED SEGMENT AND HIATAL HERNIA. L Poggi, MD, Felix Camacho, MD, Omar Ibara, MD, Gerardo Arredondo, MD, Margarita Villanueva, MD, Luis Poggi, MD; ‘Oklahoma University Health Sciences Center, ‘Clinica Anglo Americana

Postgraduate Course: Updates in Abdominal Wall Management – Mesh Theory, Tissue Use, Complex Locations
Chair: William Hope, MD; Co-Chair: Chan Park, MD
SESSON DESCRIPTION
This session/post graduate course will cover current and evolving mesh technology and new surgical techniques relating to abdominal wall hernias and is intended for all general and laparoscopic surgeons performing hernia repair. The course will also review preoperative and postoperative strategies for a successful hernia repair as well as techniques for repair of complex hernias and hernias in difficult locations.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Distinguish between different mesh technology, understand the rationale behind the use of particular meshes for different clinical situations, and select appropriate meshes based on hernia and patient characteristics
• Implement a preoperative strategy to handle complex hernias/patients and minimize risk factors for adverse outcomes and improve patient safety
• Understand and employ the techniques available for repair of abdominal wall hernias and recognize the risk and benefits of the differing techniques and their outcomes

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>7:30AM</td>
<td>Overview Of Current Mesh Technology: What Every Surgeon Should Know</td>
<td>Archana Ramaswamy, MD</td>
</tr>
<tr>
<td>7:45AM</td>
<td>What’s New In Mesh Technology: Absorbable Mesh, Self-Gripping Mesh, Hybrid Mesh</td>
<td>Sharon Bachman, MD</td>
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<tr>
<td>8:00AM</td>
<td>Controversies In Mesh: When To Use And What Mesh</td>
<td>Will Cobb, MD</td>
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<tr>
<td>8:15AM</td>
<td>Discussion/Questions</td>
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<tr>
<td>8:25AM</td>
<td>Break</td>
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<tr>
<td>8:35AM</td>
<td>Strategies To Improve Outcomes And Minimize Complications In Hernia Repair</td>
<td>Matthew Krov, MD</td>
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<tr>
<td>8:47AM</td>
<td>Overview of Techniques For Abdominal Wall Reconstruction</td>
<td>William Hope, MD</td>
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<tr>
<td>9:00AM</td>
<td>Component Separation: When To Use And What Technique?</td>
<td>Todd Heniford, MD</td>
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<tr>
<td>9:12AM</td>
<td>Complex Hernias In Atypical Locations: Subxihpoid, Suprapubic, Flank, And Parastomal Hernias</td>
<td>Kristi Harold, MD</td>
</tr>
<tr>
<td>9:25AM</td>
<td>An Update On Laparoscopic Ventral Hernia Repair: Indications, Positioning Devices, Defect Closure, and Management Of Complications</td>
<td>David Overby, MD</td>
</tr>
<tr>
<td>9:37AM</td>
<td>Management Of Complications Related To Hernias: Complex Wounds, Open Abdomens, Enterocutaneous Fistulas</td>
<td>Michael Rosen, MD</td>
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<tr>
<td>9:50AM</td>
<td>Sports Hernia – Is It Real? Should We Treat It?</td>
<td>George Eid, MD</td>
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<td>10:02AM</td>
<td>Patients as Partners in Hernia Care</td>
<td>Adrian Park, MD</td>
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<tr>
<td>10:15AM</td>
<td>Discussion/Questions</td>
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LEARNING THEMES
HR Hernia
NS New technologies/Skill acquisition

GUIDELINES:
• Guidelines for Laparoscopic Ventral Hernia Repair (August 2014)
Thursday, April 16, 2015

**Postgraduate Course: FUSE™ – Preparation/Refresher Course**

Chair: Daniel Jones, MD; Co-Chair: Pascal Fuchshuber, MD; and Thomas Robinson, MD

**SESSION DESCRIPTION**

Energy-based devices may facilitate or even enable complex procedures, yet despite their frequent use, they remain poorly understood. This Postgraduate course is open to all physicians and allied health care professionals. It is designed to inform and promote best practices for the use of electrosurgical, ultrasonic and other energy sources in the OR. Any health care professional who has ever used an energy-based device in the OR will better understand how it works, when to apply it, and what possible hazards and errors can occur. The session is envisioned as a refresher course after participants have completed the SAGES FUSE™ online curriculum - available for no cost at [http://www.fundamentals-didactics.com/](http://www.fundamentals-didactics.com/).

The FUSE exam will be offered Wednesday, Thursday and Friday during the SAGES Annual Meeting. To purchase a FUSE test voucher, please go to [http://www.fuseprogram.org/testing-information/sages-annual-meeting-2015/](http://www.fuseprogram.org/testing-information/sages-annual-meeting-2015/). Those who successfully pass the exam will be awarded FUSE certification.

**SESSION OBJECTIVES:**

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

- Understand the fundamental indications and limitations of energy sources in the OR
- Discuss the potential complications and safety implications of surgical energy-based devices in the OR and endoscopic suite
- Understand the underlying physics and principles of radiofrequency based surgical and endoscopic energy-based devices
- Understand the underlying physics and principles of ultrasound based surgical and endoscopic energy-based devices
- Discuss the specific aspects of monopolar and bipolar cutting and sealing devices in open and laparoscopic surgery and list the potential hazards of incorrect function of these devices
- Apply best practices for the use of energy-based devices in the OR and endoscopy suite

**ACTIVITY OUTLINE:**

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>7:30AM</td>
<td>Introduction</td>
<td>Daniel B. Jones, MD, MS</td>
</tr>
<tr>
<td>7:35AM</td>
<td>Fundamental Principles: Principles Of Radiofrequency Electrosurgery</td>
<td>Malcolm Munro, MD</td>
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<tr>
<td>7:50AM</td>
<td>Electrosurgical Safety In Laparoscopy</td>
<td>Jaisa Olasky, MD</td>
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<tr>
<td>8:00AM</td>
<td>Monopolar Devices (Including Argon Beam And Saline-Enhanced)</td>
<td>Gerald Fried, MD</td>
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<tr>
<td>8:10AM</td>
<td>Bipolar Devices</td>
<td>Dean Mikami, MD</td>
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<tr>
<td>8:20AM</td>
<td>Ultrasonic Energy Systems</td>
<td>Daniel Herron, MD</td>
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<tr>
<td>8:30AM</td>
<td>Ablation Technologies</td>
<td>Pascal Fuchshuber, MD</td>
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<tr>
<td>8:40AM</td>
<td>Audience Response Multiple Choice – Session I Q &amp; A</td>
<td>Pascal Fuchshuber, MD</td>
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**Session II**

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>9:10AM</td>
<td>Fires in the Operating Room: Prevention and Management</td>
<td>William Richardson, MD</td>
</tr>
<tr>
<td>9:30AM</td>
<td>The Right Tool for the Right Job: Flexible Devices for Endoscopy</td>
<td>Brian Dunkin, MD</td>
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<tr>
<td>9:40AM</td>
<td>Considerations in Pediatric Surgery</td>
<td>Gretchen Purcell Jackson, MD, PhD</td>
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<tr>
<td>9:50AM</td>
<td>Integration of Energy Systems: Cardiac Rhythm Management Devices and Energy-based Devices</td>
<td>Thomas Robinson, MD</td>
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<tr>
<td>10:00AM</td>
<td>Audience Response Multiple Choice – Session II Q &amp; A</td>
<td>Thomas Robinson, MD</td>
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**LEARNING THEMES**

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

**GUIDELINES:**

- FUSE ON-Line Course
- The SAGES Manual for Fundamental Use of Surgical Energy (FUSE)
Symposium: Minimal Access – Lessons from NOTES and Single Site Surgery
Chair: Dana Portenier, MD; Co-Chair: Kurt Roberts, MD

SESSION DESCRIPTION
Attendees interested will learn about the state of the art, outcomes and pros and cons about performing Single Site Surgery and Natural Orifice Transluminal Endoscopic Surgery

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Demonstrate and integrate knowledge about indications for single port, reduced port surgery and NOTES in their daily practice
- Compare safety and identify pitfalls in single port, reduced port and NOTES surgeries compared to traditional laparoscopic
- Differentiate and articulate the advantages and disadvantages of single port, reduced port and NOTES surgeries

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<tbody>
<tr>
<td>7:30AM</td>
<td>Psychology of Scars</td>
<td>Kelli Friedman, MD, PhD</td>
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<tr>
<td>7:50AM</td>
<td>Debate - Single Incision Is Here To Stay</td>
<td>Rami Lutfi, MD</td>
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<tr>
<td>8:10AM</td>
<td>Debate - Single Incision Was A Passing Fad</td>
<td>Diego Camacho, MD</td>
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<tr>
<td>8:30AM</td>
<td>Mini Laparoscopy</td>
<td>Philip Omotosho, MD</td>
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<tr>
<td>8:50AM</td>
<td>NOTES: Where Do We Stand In 2015</td>
<td>Patricia Sylla, MD</td>
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<tr>
<td>9:10AM</td>
<td>Single Incision for Advanced Procedures</td>
<td>Giovanni Dapri, MD, PhD</td>
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<tr>
<td>9:30AM</td>
<td>NOTES Complications</td>
<td>Kurt Roberts, MD</td>
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<tr>
<td>9:50AM</td>
<td>Pediatrics</td>
<td>Carroll Harmon, MD, PhD</td>
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<td>10:20AM</td>
<td>What's on the Horizon?</td>
<td>Manoel Galvao Neto, MD</td>
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LEARNING THEMES
- AE Academic/Educational
- FE Flex Endo
- NS New technologies/Skill acquisition
- C Colorectal
- B Bariatrics
Panel: Complex and Unusual Esophageal Disorders (joint with SSAT)
Chair: Kyle Perry, MD; Co-Chair: Andrew Wright, MD

SESSION DESCRIPTION
This session will consist of a series of lectures focusing on the diagnosis and management of complex esophageal disorders. The primary focus will be to expose surgeons to the evolving laparoscopic and endoscopic approaches to disease management.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify available treatment approaches to complex esophageal diseases including intramural masses and motility disorders
• Identify patients who will benefit from laparoscopic repair of recurrent hiatal hernia and articulate the critical components of this procedure
• Recognize opportunities for laparoscopic and endoscopic management of esophageal perforation

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<tr>
<td>7:30AM</td>
<td>Minimally Invasive Management of Intramural Esophageal and Gastroesophageal Junction Tumors</td>
<td>Matt Goldblatt, MD</td>
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<tr>
<td>7:50AM</td>
<td>Evaluation and Management of Epiphrenic Diverticulum</td>
<td>Thai Pham, MD</td>
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<td>8:10AM</td>
<td>Management of Recurrent Hiatal Hernia</td>
<td>James Dolan, MD</td>
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<td>8:30AM</td>
<td>Panel Discussion</td>
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<td>8:50AM</td>
<td>Break</td>
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<tr>
<td>9:00AM</td>
<td>Evaluation and Surgical Management of Diffuse Esophageal Spasm</td>
<td>Steven Bowers, MD</td>
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<td>9:20AM</td>
<td>Minimally Invasive Management of Esophageal Perforation</td>
<td>Robert Merritt, MD</td>
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<td>9:40AM</td>
<td>Evaluation and Management of Congenital Tracheoesophageal Fistula</td>
<td>Dan Ostlie, MD</td>
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<td>10:00AM</td>
<td>Panel Discussion</td>
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LEARNING THEMES FOR Foregut

GUIDELINES:
• Guidelines for the Management of Hiatal Hernia (May 2013)
• Guidelines for the Surgical Treatment of Esophageal Achalasia (May 2011)
Thursday, April 16, 2015

**SS3 Concurrent Session: Cholecystectomy**

**Moderator:** Michael B. Edye, MD; **Co-Moderator:** Steve Eubanks, MD

**S001 CRITICAL FACTORS FOR SAFE SURGICAL PRACTICE FOR LAPAROSCOPIC CHOLECYSTECTOMY: A SAGES EXPERT DELPHI CONSENSUS**

*Philip H. Pucher, MD, MIRCS1, L. Michael Brunt, MD, FACS2, Robert D Fanelli, MD, MHA, FACS, FASGE3, Horacio J Asbun, MD, FACS4, Rajesh Aggarwal, MBBS, MA, PhD, FRCS5; 1Imperial College London, 2Washington University School of Medicine, 3The Guthrie Clinic, Sayre, PA, 4Mayo Clinic Florida, Jacksonville, FL, 5McGill University*

**S002 EXAMINING VARIATION IN COST BASED ON SURGEON CHOICES FOR ELECTIVE LAPAROSCOPIC CHOLECYSTECTOMY**

*Heather H Adkins, MD, MBA, Thomas Hardacker, BA, Eugene Ceppa, MD, Department of Surgery, Indiana University*

**S003 CURRENT PRACTICES IN BILIARY SURGERY: DO WE PRACTICE WHAT WE TEACH?**

*Shaun C Daly, MD1, Xuan Li1, Milot Thaqi1, Daniel J Deziel, MD1, Keith W Millikan, MD1, Steven Bonomo, MD1, Minh B Luu, MD1; 1Rush University Medical Center, 1Stroger Hospital of Cook County*

**S004 PATIENT COMORBIDITIES INCREASE POSTOPERATIVE RESOURCE UTILIZATION AFTER LAPAROSCOPIC AND OPEN CHOLECYSTECTOMY**

*Jacqueline Boehme, BS1, Sophia K McKinley, MD, EdM1, L. Michael Brunt, MD, FACS1, Tina D Hunter, PhD2, Daniel B Jones, MD, MS, FACS1, Daniel J Scott, MD1, Steven D Schwaitzberg, MD1; 1Harvard Medical School, 2Washington University School of Medicine, 1CTI Clinical Trials and Consulting, 1UT Southwestern Medical Center*

**S005 NATIONAL TREND IN MAJOR BILE DUCT INJURY REQUIRING OPERATIVE RECONSTRUCTION AFTER LAPAROSCOPIC CHOLECYSTECTOMY: A FOLLOW-ON STUDY.**

*Patrick J Worth, MD, Taranjeet Kaur, MBBS, Brian S Diggs, PhD, Brett C Sheppard, MD, John G Hunter, MD, James P Dolan, MD, Oregon Health & Science University*

**S006 BEYOND THE LEARNING CURVE: BILE DUCT INJURIES FOLLOWING LAPAROSCOPIC CHOLECYSTECTOMY NORMALIZE TO OPEN IN THE MODERN ERA**

*Caitlin Halbert, DO1, Jie Yang, Ziqi Meng, Maria Altieri, MD, Mark Talamini, MD, Aurora Pryor, MD, Dana Telem, MD; Stony Brook University*

**S007 IMPACT OF THE SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY (SILC) VERSUS 4-PORT LAPAROSCOPIC CHOLECYSTECTOMY ON SURGEON STRESS AND WORKLOAD: A RANDOMIZED CONTROLLED TRIAL.**

*Amro M Abdelrahman, MBBS1, Denny Yu, PhD1, Bethany Lowndes2, Susan Hallbeck, PhD2, Bingener Juliane, MD3; 1Division of Health Care Policy and Research, Department of Health Sciences Research, Mayo Clinic, 2Robert D. and Patricia E. Kern Center for the Science of Health Care Delivery, Mayo Clinic, 3Department of surgery, 4Division of subspecialty general surgery, Department of Surgery, Mayo Clinic*

**V029 ELECTIVE LAPAROSCOPIC TRANSCYSTIC COMMON BILE DUCT EXPLORATION**

*Bill R Luo, MD, Ezra N Teitelbaum, MD, Northwestern Memorial Hospital*

**V029 HARMONIC SCALPEL VS THE CONVENTIONAL CLIP AND CAUTERY TECHNIQUE IN SINGLE PORT LAPAROSCOPIC CHOLECYSTECTOMY: A RANDOMIZED CONTROLLED TRIAL.**

*Samer Bessa, Ms, MD, Phd; Faculty of medicine- university of Alexandria*

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**What’s New in the Exhibit Hall?**

There are more reasons than ever to visit the exhibit hall! In addition to the latest and greatest products and technologies, you will find:

- **New Wednesday Hours** – Added 12:00pm - 3:30pm
- **SAGES Cafe and Theatre** – pick up lunch or a snack, and enjoy the new “VIDEO PRESENTATIONS” sessions
- **Happy (Half) Hour** – join exhibitors for a beer and a snack before heading back to the sessions! Or, grab a cup of coffee and visit the exhibits during the morning break.
- **Exhibit Hall Oasis/Charging Station** – stop in for a break while charging phones, computers and tablets, or check email at the internet station.
- **Exhibits will be closed on Saturday** – please plan accordingly
NEW in Minilaparoscopy:
Three-part detachable CLICK\textsuperscript{line}® instruments

$\varnothing$ 3.5 mm
Thursday, April 16, 2015

SS4 Concurrent Session:
Exhibit Hall Video Presentations - Solid Organ

SAGES does not offer CME for this session

Moderator: David Sindram, MD, PhD; Co-Moderator: H. Jaap Bonjer, MD

Speaker: Horacio Asbun, MD

V030 LAPAROSCOPIC FOREIGN BODY REMOVAL: A CASE ON CLINICAL DECISION MAKING
Maria Abou Khalil, MD, Noura Al Hassan, MD, Melina Vassiliou, MD, MD, FRCSC; McGill

V031 LAPAROSCOPIC SPLEEN PRESERVING DISTAL PANCREATECTOMY FOR SOLID PSEUDOPAPILLARY NEOPLASM OF THE PANCREAS
Koray Karabulut, MD, MD, Mehmet Ruhi Onur, MD, MD, Ibrahim Hanifi Ozercan, MD, MD, Kenan Binnetoglu, MD, Leyla Klic, MD; ‘Firat University School of Medicine General Surgery Department, Firat University School of Medicine Radiology Department, Firat University School of Medicine Pathology Department, Firat University School of Medicine Medical Oncology Department

V032 OPERATIVE CONSIDERATIONS AND TECHNIQUE FOR TRANSPERITONEAL LAPAROSCOPIC PARTIAL/SUBTOTAL ADRENALECTOMY
Amani Munshi, MD, Elliot J Mitmaker, MD, MSc, FRCSC, Liane S Feldman, MD, FRCSC, FACS; McGill University Health Centre

V033 LAPAROSCOPIC MARSUPIALIZATION OF A SPLENIC CYST
Mujeeb Zubair, MD, Brian Dunkin, MD; Houston Methodist Hospital

V034 SINGLE PORT RETROPERITONEOSCOPIC LYMPH NODE BIOPSY
Fernando Arias, MD, FACS, Gabriel Herrera-Almario, MD, Lina Parra, MD, Marcos Pozo, MD, Natalia Cortes, MD; ‘Fundacion Santa Fe de Bogota, Johns Hopkins

V035 GIGANTIC RIGHT-SIDED PHEOCHROMOCYTOMA TREATED WITH LAPAROSCOPIC BILATERAL ADRENALECTOMY
Cristina R Harnsberger, MD, Joshua Langert, MD, Ryan C Broderick, Hans F Fuchs, MD, Moneer E Almadani, MD, Christopher DuCoin, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD; University of California, San Diego, Department of Surgery

9:30AM - 10:30AM

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

RYMAN HALL C - THEATER

10:30AM - 11:15AM

Humanitarian Lecture – “Global Surgery: Leveraging Laparoscopy to Improve Overall Surgical Care”

Speaker: Horacio Asbun, MD

Dr. Asbun is a Professor of Surgery, Mayo Clinic College of Medicine and the Chairman of General Surgery at Mayo Clinic Florida. He also serves as Co-Director of Hepato-Biliary and Pancreas Program, at Mayo Clinic Florida.

SESSION DESCRIPTION
Multiple individuals, organizations and institutions spent significant efforts in global surgery. This lecture is geared to share how coordinated efforts and commitment from multiple SAGES members through the SAGES Global Affairs Committee has resulted in successful and sustainable surgical programs, positively affecting delivery of surgical care in low-resource countries.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Build relationships to develop sustainable programs
• Improve efficiency in his/her efforts and resource expenditures in global surgery
• Recognize that globalization in surgery has allowed for empowerment of the individual, which is key to positive change in the field
• Recognize that quality and outcomes measures are key to a successful program

11:15AM - 12:00PM

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

Karl Storz Lecture
“No Shortcuts to the Top-Climbing the World’s Highest Peaks”

Speaker: Ed Viesturs

Ed Viesturs is a professional mountaineer, writer, speaker, and veterinarian who is widely regarded as this country’s foremost high-altitude mountaineer. He is familiar to many from the 1996 IMAX documentary EVEREST. Viesturs has successfully reached the summits of all of the world’s fourteen 8000-meter peaks without supplemental oxygen, an 18 year project, and is one of only a handful of climbers in history (and the only American) to accomplish this feat. His goal was completed on May 12, 2005 with his ascent of Annapurna, one of the world’s most treacherous peaks. For this accomplishment, in 2005 he was named National Geographic’s Adventurer of the Year. Ed also serves as a member of the Board of Directors for Big City Mountaineers (BCM), an organization that instills critical life skills in under-resourced youth through wilderness mentoring experiences that help keep kids in school, reduce violence and drug use.

SAGES acknowledges Karl Storz Endoscopy-America for a generous endowment in support of this lecture.
The sum of our parts, raised to the power of INNOVATION

MiniLap®
Percutaneous Solutions

Visit us at BOOTH #616

Whatever the latest surgical breakthrough looks like, Teleflex is working to make it happen. From our MiniLap® Percutaneous Surgical System to Weck® Hem-o-lok® Polymer Locking Ligation System, our portfolio of products adds up to a powerful offering of solutions that helps improve patient outcomes.

Come see us at Booth #616 to learn where the future of surgery is heading.
**Educator’s Luncheon “Milestones, Metrics, and Mastery – A Focus on Surgical Trainee Education and Assessment”**

**Chair: Brent Matthews, MD; Co-Chair: Matthew Goldblatt, MD**

**SESSION DESCRIPTION**

One of the foundations of surgical education is the ability to assess trainee performance, so that skills may be quantified and improved upon. This has led to a proliferation of metrics for the assessment of technical, and to a lesser extent, non-technical surgical skills. Modern surgical curricula have increasingly adopted a proficiency-based approach, with trainee progression conditional upon the achievement of predetermined benchmarks of proficiency. This session aims to discuss the role of such milestones in the modern surgical trainee’s clinical practice. It will be of interest to all surgeons involved in resident education. Current practice and evidence for available assessment tools will be examined, as well as their translation into clinical practice. Additionally, the panel will highlight where current gaps in trainee assessment exist, and the role these might play in the future of surgical curricular development.

**SESSION OBJECTIVES**

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

- Describe objective measures of trainee performance
- Explain the relevance of trainee milestones to clinical practice
- Discuss training gaps which currently exist and how they might be addressed

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>12:00PM</td>
<td>Introduction: Milestones, Metrics, and Mastery – A Focus on Surgical Trainee Education and Assessment</td>
<td>Brent Matthews, MD</td>
</tr>
<tr>
<td>12:05PM</td>
<td>Proficiency-Based Curricula And Milestones In Surgical Education: ACS/APDS Surgery Resident Skills Curriculum and Beyond</td>
<td>Kyla Terhune, MD</td>
</tr>
<tr>
<td>12:20PM</td>
<td>Trainee assessment: Current Methods and Tools - From FLS to OPRS, Mini-CEX and CAMEO</td>
<td>John Mellinger, MD</td>
</tr>
<tr>
<td>12:35PM</td>
<td>The Missing Link: Assessment And Benchmarking In Surgical Ward Rounds - Defining And Improving Performance For Postoperative Patient Care</td>
<td>Philip Pucher, MD</td>
</tr>
<tr>
<td>12:50PM</td>
<td>Future Directions For Proficiency Based Training - Integrated Curricula, Comprehensive Assessment</td>
<td>Rajesh Aggarwal, MBBS, MA, PhD</td>
</tr>
<tr>
<td>1:05PM</td>
<td>Panel Discussion</td>
<td>Moderators: Brent Matthews, MD and Matthew Goldblatt, MD</td>
</tr>
</tbody>
</table>

**LEARNING THEMES**

**GUIDELINES:**

- Curriculum Outline for Resident Education (April 2009)
- Educational Mission Statement (April 2011)
- Framework for Post-Residency Surgical Education & Training (July 2010)
- Integrating Advanced Laparoscopy into Surgical Residency Training — A SAGES Position Paper (April 2009)

SAGES acknowledges our Diamond, Platinum and Gold Level Donors for their support of this luncheon:

**Diamond – Stryker Endoscopy**

**Platinum – Covidien, Karl Storz Endoscopy, and Olympus**

**Gold – Ethicon, Intuitive Surgical, and Teleflex**

The entire 2015 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 at cme.sages.org (You will be asked to enter your SAGES 2015 Badge ID)
**Thursday, April 16, 2015**

**SS5A Concurrent Session:**

**Exhibit Hall Video Presentations – Foregut**

*SAGES does not offer CME for this session*

**Moderator:** Basil M. Yurcisin, MD; **Co-Moderator:** Allan E. Okrainec, MD

**RYMAN HALL C - THEATER**

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

**V036 LAPAROSCOPIC REPAIR OF PARAESOPHAGEAL HERNIA WITH VOLVULIZED ANTRUM AND DUODENUM**

BILL R LUO, MD, Ezra N Teitelbaum, MD, Eric Hungness, MD; Northwestern Memorial Hospital

**V037 THORACOSCOPIC ENucleation of a LEIOMYOMA of the MID-ESOPHAGUS**

Agustin Duro, Axel F Beskow, MD, Demetrio Cavadas, MD, PhD; Fernando G Wright, MD, PhD, Juan R Medici, MD, Santiago Lenz, MD; Hospital Italiano de Buenos Aires

**V038 LAPAROSCOPIC REPAIR OF A PERFORATED EPIPHRENIC DIVERTICULUM**

Jonah J Stulberg, MD, PhD, MPH1, Andrew Coble, MD2; Yaron Perry, MD3; 1University Hospitals, Case Medical Center, 2 Memorial University Medical Center

**V039 LAPAROSCOPIC ESOPHAGOGASTRECTOMY: AN OPERATION TO MANAGE TUMORS OF THE GASTROESOPHAGEAL JUNCTION IN HIGH OPERATIVE-RISK PATIENTS**

Robert B Yates, MD, Brant K Oelschlager, MD; University of Washington

**V040 LAPAROSCOPIC REVISION BILLROTH II FOR RECURRENT GASTROJEJUNAL ULCER**

Lisandro Montorfano, MD, Fernando Dip, MD, David Nguyen, MD, Joseph Melendez, MD, Emanuele Lo Menzo, MD, PhD, FACS, Samuel Szomstein, MD, FACS, Paul Rosenthal, MD, FACS; Cleveland Clinic Florida

**V041 EXPERIENCE WITH LAPAROSCOPIC MEDIAN ARCUATE LIGAMENT RELEASE IN 41 PATIENTS**

Jeffrey N Harr, MD, MPH, Fred Brody, MD, MBA; The George Washington University

**V042 SIMULTANEOUS ENDOSCOPIC ESOPHAGEAL STRICTURE TREATMENT WITH STENTING AND FUNDOPPLICATION FOR COMPLEX PEPTIC ULCER DISEASE**

Ryan C Broderick, MD, Cristina R Harnsberger, MD, Alisa Coker, MD, Hans F Fuchs, MD, Catherine Beck, MD, Martin A Berducci, MD, Garth R Jacobsen, MD, Bryan J Sandler, MD; University of California San Diego, Department of Surgery, Division of Minimally Invasive Surgery, Hospital Italiano de Mendoza, Argentina

**V043 ESOPHAGOGASTRIC JUNCTION DISTENSIBILITY MEASURED BY A FUNCTIONAL LUMEN IMAGING PROBE WITH INCREMENTAL GASTRIC MYOTOMY LENGTHS IN ACHALASIA**

Bym El Khoury, MD, Joel M Sternbach, MD, Ezra N Teitelbaum, MD, MEd, Nathaniel J Soper, MD, Eric S Hungness, MD; Northwestern University

**V044 LAPAROSCOPIC AND ENDOSCOPIC COOPERATIVE SURGERY FOR INTRALUMINAL GASTRIC SUBMUCOSAL TUMOR**

Tomoko Mizota, MD, Yusuke Watanabe, MD, Yo Kurashima, MD, PhD, Yuma Ebihara, MD, PhD, Saseem Paudel, MD, Amin Madani, MD, Katherine Mickendy, MD, Toshiaki Shichinohe, MD, PhD, Shuji Kitashiro, MD, PhD, Shunichi Okushiwa, MD, PhD, Satoshi Hirano, MD, PhD; Department of Gastroenterological Surgery II, Hokkaido University Graduate School of Medicine, Department of Surgery, McGill University

**V045 LAPAROSCOPIC MEDIAN ARCUATE LIGAMENT RELEASE AFTER WHIPPLE**

Raymond Laird, DO, Jeff Harr, MD, MPH, Fred Brody, MD, MBA, FACS; George Washington University Hospital

**V046 ESOPHAGEAL STENT COMPLICATION - MIGRATION TO TERMINAL ILEUM.**

Mustafa H Alibhai, MD, Terive Duperier, MD, Michael Seger, MD, Richard Englehardt, MD, BMI of Texas

**V047 LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR WITH FALCIFORM LIGAMENT BUTTRESS**

Jeffrey N Harr, MD, MPH, Fred Brody, MD, MBA; The George Washington University
Thursday, April 16, 2015

1:30PM - 3:00PM

SS6 Concurrent Session: Flexible/Therapeutic Endoscopy

Moderator: Greg V. Stiegmann, MD; Co-Moderator: Todd Ponsky, MD

S009 COLONOSCOPY POLYP DETECTION RATE IS INFLUENCED BY TIMING OF COLONOSCOPY. Tze Yeong Teng, MD, Cheah Wei Keat, MD, FRCS, Cheryl Lau, MBBS, MRCS, MMed, FRCS, Edin; Jurong Health Services

S010 EFFECT OF COLONOSCOPY VOLUME ON QUALITY INDICATORS. M Lougheed, D Pace, M Borgaonkar, C Marcoux, B Evans, D Boone, J McGrath; Memorial University, Faculty of Medicine, St. John’s, NL

S011 DOUBLE-SCOPE POEM: A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL. Kevin L Grimes, MD, Haruhiro Inoue, MD, PhD; Showa University Koto Toyosu Hospital

V059 A NOVEL METHOD FOR EVALUATION OF THE EXTENT OF PER ORAL ENDOSCOPIC MYOTOMY. Michael P Meara, MD, MBA, Edward L Jones, MD, Jeffrey W Hazey, MD, Kyle A Perry, MD; The Ohio State University Wexner Medical Center

S012 COVERED STENTS IN CERVICAL ANASTOMOSIS FOLLOWING ESOPHAGECTOMY. Emily A Speer, MD, Christy M Dunst, MD, Amber Shada, MD, Kevin M Reavis, MD, Sara Moncrief, MD, Lee L Swanstrom, MD; Providence Portland Medical Center, The Oregon Clinic

S013 PARADIGM SHIFT FOR THE TREATMENT OF UPPER GASTROINTESTINAL LEAKS AND PERFORATIONS: A RETROSPECTIVE REVIEW OF THE USE OF ENDOLUMINAL VACUUM THERAPY AT ONE INSTITUTION. Nathan Smallwood, MD, J Burdick, MD, Steven Leeds, MD; Baylor University Medical Center Dallas

S014 MANAGEMENT OF GASTROINTESTINAL DEFECTS USING THE OVER THE SCOPE CLIP (OTSC): A RETROSPECTIVE REVIEW OF ONE INSTITUTION’S EXPERIENCE. Joshua S Winder, MD, Afif N Kulaylat, MD, Jane Schubart, MS, MBA, PhD, Hassan M Hal, MD, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

S015 TRANSORAL CRICOMYOTOMY USING A FLEXIBLE ENDOSCOPE: TECHNIQUE AND CLINICAL OUTCOMES. Radu Pescarus, MD, Eran Shlomovitz, MD, Maria Cassera, BSc, Ahmed Sharata, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, MD; Hospital Sacre-Coeur, Universite de Montreal, University of Toronto, The Oregon Clinic, Portland, Oregon

S016 DOES THE HANDS-ON, TECHNICAL TRAINING OF RESIDENTS IN COLONOSCOPY AFFECT QUALITY OUTCOMES? David E Pace, MD, Mark Borgaonkar, MD, Nikita Hickey, MD, Brad Evans, BSc, Muna Lougheed, Curtis Marcoux, Darrell Boone, Chris Smith, Jerry McGrath; Memorial University
Thursday, April 16, 2015

Postgraduate Course: HPB / Robotics – Current State of MIS Hepatopancreatobiliary Surgery
Chair: Eugene Ceppa, MD; Co-Chair: David Sindram, MD, PhD

SESSION DESCRIPTION
Hepatopancreatobiliary (HPB) surgery for many years has lagged behind other specialty surgical disciplines in adopting minimally invasive techniques. Currently, less than 10% of all HPB surgeries are performed minimally invasively in the USA. This session intends to bring all members of SAGES up to date on the current state of HPB surgery in terms of what is currently possible, feasible, safe from a minimally invasive approach.

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

• Apply multiple minimally invasive approaches towards hepatectomy
• Create or integrate a robotic cholecystectomy practice in any hospital system (university, private, VA)
• Know the risk profile (morbidity/mortality) of patients undergoing minimally invasive hepatectomy
• Apply a logical and step-wise approach to laparoscopic common bile duct exploration
• List three critical skills necessary to perform minimally invasive pancreatectomy safely

ACTIVITY OUTLINE

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<th>Presentation Title</th>
<th>Faculty Name</th>
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<tr>
<td>1:30PM</td>
<td>Introduction</td>
<td>Eugene P. Ceppa, MD</td>
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<tr>
<td>1:35PM</td>
<td>Laparoscopic Hepatectomy</td>
<td>Srinevas K. Reddy, MD</td>
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<tr>
<td>1:50PM</td>
<td>Robotic Hepatectomy</td>
<td>Eren Berber, MD</td>
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<tr>
<td>2:05PM</td>
<td>Robotic Cholecystectomy in the Community</td>
<td>Srinivas Kaza, MD</td>
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<tr>
<td>2:20PM</td>
<td>Robotic Cholecystectomy in the VA</td>
<td>Andrew Eppstein, MD</td>
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<tr>
<td>2:35PM</td>
<td>Minimally Invasive CBDE</td>
<td>David Sindram, MD, PhD</td>
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<tr>
<td>2:50PM</td>
<td>Q&amp;A Discussion</td>
<td>Panel</td>
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<tr>
<td>3:00PM</td>
<td>Break - Happy ½ Hour in Exhibit Hall</td>
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<tr>
<td>3:30PM</td>
<td>Pediatric Robotic HPB Surgery</td>
<td>Marcus D. Jarboe, MD</td>
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<tr>
<td>3:45PM</td>
<td>Intraoperative Hemorrhage During Pancreatectomy</td>
<td>Eugene P. Ceppa, MD</td>
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<tr>
<td>4:00PM</td>
<td>MIS Islet Cell Transplantation</td>
<td>Kenzo Hirose, MD</td>
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<tr>
<td>4:15PM</td>
<td>Robotic HPB Training</td>
<td>Melissa Hogg, MD</td>
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<tr>
<td>4:30PM</td>
<td>Q&amp;A Discussion</td>
<td>Panel</td>
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LEARNING THEMES

SO: Solid Organ
HPB: Hepatobiliary
AE: Academic/Educational
NS: New technologies/Skill acquisition
PE: Professional/Economic

GUIDELINES:

• Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery (January 2010)
• A Consensus Document on Robotic Surgery (November 2007)
• Framework for Post-Residency Surgical Education & Training (July 2010)
Thursday, April 16, 2015

Half-Day Hands-On Course: All Things Hernia
Chair: Shawn Tsuda, MD; Co-Chairs: Carla Pugh, MD, PhD; and Guy Voeller, MD

SESSION DESCRIPTION
This course is for surgeons who seek to improve their knowledge and skills in advanced hernia techniques including open anterior and posterior components separation and laparoscopic primary defect closure. Participants in this cadaver lab will perform the following procedures:
- Endoscopic components separation
- Open, perforator sparing, anterior external oblique release
- Open, TAR release

Additionally, participants will rotate to two dry lab stations to practice Laparoscopic hernia repair with primary closure and Endoscopic components separation.

Faculty to student ratio will be 1:3.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Recognize the need for and employ components separation in complex ventral hernias, with both open and minimally invasive techniques
- Identify situations where there is risk to nerve and vascular structures and demonstrate how to actively avoid them
- Describe the advantages, disadvantages, and barriers to various mesh choices in the repair of complex ventral hernias

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<tr>
<td>1:30PM</td>
<td>Introduction</td>
<td>Shawn Tsuda, MD</td>
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<tr>
<td>1:45PM - 5:30PM</td>
<td>Hands-On Lab</td>
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INVITED FACULTY:
Tom Cecil, MD; William Cobb, MD; Mark Coleman, MD; Jonathan Dort, MD; Todd Heniford, MD; William Hope, MD; Matt Kroh, MD; Mike Liang, MD; Gregory Mancini, MD; Jose Martinez, MD; Elisabeth McClmore, MD; John Paige, MD; Archana Ramaswamy, MD; Michael Rosen, MD; Dimitrios Stefanidis, MD; Nabil Tariq, MD; Khashayar Vaziri, MD; Susannah Wyles, MD

SAGES acknowledges contributions in-kind in support of this course from:
Applied Medical, CareFusion, Cooper Surgical, Gore & Associates, Intuitive Surgical, and Karl Storz Endoscopy
Thursday, April 16, 2015

Half-Day Hands-On Course: Minimal Access Tricks and Techniques
Chair: Garth Jacobsen, MD; Co-Chairs: Giovanni Dapri, MD, PhD and Joe Iocono, MD

SESSION DESCRIPTION
This is an animate hands-on course which serves to incorporate the skills and principles as outlined in the Symposium on Minimal Access: Lessons from NOTES and single site surgery. Participants will receive instruction by world class experts in the utilization of minimal access techniques, and the implementation of new technology to achieve that goal. Participants will gain exposure to a variety of new technologies as well as innovative techniques, including multiport access devices and novel multi-instrument operating platforms. Sessions will include instruction in performing microlaparoscopic and or single incision cholecystectomy, simulated appendectomy, Nissen fundoplication, nephrectomy, sleeve gastrectomy and distal pancreatectomy. In addition there will be several technology demonstration stations which will showcase the newest developments in minimal access surgery. (Participants will work on animate models)

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify and utilize various instruments and platforms that may facilitate reduced port and single port operations
• Enhance their technical ability to perform reduced port and single port operations
• Describe operative strategies for reduced port and single port operations (ie Nissen fundoplication, appendectomy, splenectomy, nephrectomy, and distal pancreatectomy)

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<tr>
<td>1:30PM</td>
<td>Introduction and Demonstration</td>
<td>Garth R. Jacobsen, MD</td>
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<td>Giovanni Dapri, MD, PhD</td>
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<td>Stations:</td>
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<td></td>
<td>Reduced Port +/- Minilap Cholecystectomy</td>
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<td></td>
<td>Reduced Port +/- Minilap Simulated Appendectomy</td>
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<td>Reduced Port +/- Minilap Nissen Fundoplication</td>
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<td>Reduced Port +/- Minilap Nephrectomy/Distal Pancreatectomy</td>
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INVITED FACULTY:
Giovanni Dapri, MD, PhD; Carlos Galvani, MD; Joe Iocono, MD; Keith Kim, MD; Ozanan Meireles, MD; Marcos Michelotti, MD; Yoav Mintz, MD; Kyle Perry, MD; Dana Portenier, MD; Kurt Roberts, MD; Sharona Ross, MD; Bryan Sandler, MD; Patricia Sylla, MD

SAGES acknowledges an educational grant in support of this course from Applied Medical, Stryker Endoscopy, and Transenterix
Thursday, April 16, 2015

Panel: Management of Unusual and Complex Cases – Similarities and Differences across the Ocean (joint with JSES)
Chair: Manabu Yamamoto, MD; Co-Chair: Steven Schwitzberg, MD

SESSION DESCRIPTION
Philosophy, training, disease features and resource access all impact how certain types of problems are managed around the world. The ongoing SAGES – JSES symposium series examines how complex cases are handled by experts in Japan and North America. Our experts are presented with a challenging case and will present their views on management. The opportunity to contrast and compare disease and surgical/endoscopic management may provide new management approaches for attendees.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Distinguish the differences how disease may present differently in other parts of the world
• Implement potential new disease management schemes that are applicable to clinical problems encountered in order to achieve improved outcomes
• Employ alternative strategies to technical issues successfully utilized transcontinentally such as staple line leakage

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<tr>
<td>1:30PM</td>
<td>Management of Complex Foregut Disease (JSES)</td>
<td>Naoki Hiki, MD</td>
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<tr>
<td>1:40PM</td>
<td>Management of Complex Foregut Disease (SAGES)</td>
<td>Ninh Nguyen, MD</td>
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<tr>
<td>1:50PM</td>
<td>Challenging Colorectal Resection Strategy (JSES)</td>
<td>Takeshi Naito, MD</td>
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<td>2:00PM</td>
<td>Challenging Colorectal Resection Strategy (SAGES)</td>
<td>Conor Delaney, MD, PhD</td>
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<tr>
<td>2:10PM</td>
<td>Management of Complex Hepatobiliary Disease (JSES)</td>
<td>Takeyuki Misawa, MD</td>
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<td>2:20PM</td>
<td>Management of Complex Hepatobiliary Disease (SAGES)</td>
<td>James Moser, MD</td>
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<tr>
<td>2:30PM</td>
<td>Management of Bariatric Surgery Complications (JSES)</td>
<td>Kazunori Kasama, MD</td>
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<tr>
<td>2:40PM</td>
<td>Management of Bariatric Surgery Complications (SAGES)</td>
<td>John Morton, MD</td>
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LEARNING THEMES
- HPB
- Colorectal
- Bariatrics
- Foregut

GUIDELINES:
• Guidelines for Diagnostic Laparoscopy (November 2007)
Panel: SAGES Talks
Chair: Brian Dunkin, MD; Co-Chair: Melina Vassiliou, MD

SESSION DESCRIPTION
SAGES has added a new format for talks this year moving away from standard powerpoint delivery. Come experience out of the box presentations on cutting edge ideas. Modeled after the well-known TED™-talks, this session will highlight new ideas, innovators and forward thinkers. It is an opportunity to discover and connect with creative leaders, rule-breakers and a community of people interested in improving how we take care of surgical patients. Anyone who enjoys powerful talks, who wants to be inspired and who is looking to the future should attend this session.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Articulate threats to patient safety related to the healthcare system
• Identify novel ways to improve surgical education through the use of technologies such as crowd-sourcing and computer-based translation
• Appraise how technology and robotics can prepare us for the future of surgery

ACTIVITY OUTLINE

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<td>1:30PM</td>
<td>O.R. Black Box</td>
<td>Teodor Grantcharov, MD, PhD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Finding The Hole In Healthcare</td>
<td>Bruce Ramshaw, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Crowd Sourcing To Evaluate Surgical Performance</td>
<td>Thomas Lendvey, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>A Story About Knots And Surgeons</td>
<td>Ed Gavagan</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Using Robonaut To Perform Surgery In Space</td>
<td>Marc Dean, MD</td>
</tr>
<tr>
<td>2:45PM</td>
<td>Discussion/ Q&amp;A</td>
<td>Panel</td>
</tr>
</tbody>
</table>

LEARNING THEMES
PE  Professional/Economic
NS  New technologies/Skill acquisition
AE  Academic/Educational

*SAGES acknowledges an educational grant in support of this panel from Stryker Endoscopy.*
Panel: The Science Behind Diabetes Therapy – Surgery, Medical Updates and Mechanisms

Chair: John Morton, MD; Co-Chair: Timothy Jackson, MD MPH

SESSION DESCRIPTION
Diabetes continues to be a devastating chronic disease associated with significant morbidity and mortality. This session will provide an overview and update on the most recent advances in the treatment of diabetes and metabolic syndrome. The focus will be on both surgical interventions and potential new medical therapies including underlying mechanisms. It is designed for the practicing surgeon, residents, fellows and medical students.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Understand the science behind diabetes therapy including underlying mechanisms
- Differentiate between surgical options and associated mechanisms of action in the treatment of diabetes
- Integrate medical, surgical and endoscopic therapy into the treatment algorithm of patients with diabetes

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Type 2 Diabetes: The pathophysiology and its impact</td>
<td>Wayne English, MD</td>
</tr>
<tr>
<td>1:40PM</td>
<td>What is current optimal medical management and what are the targets?</td>
<td>Brandon Williams, MD</td>
</tr>
<tr>
<td>1:50PM</td>
<td>Emerging pharmacologic agents and mechanisms</td>
<td>Shantu Kothari, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Mechanisms of metabolic surgery</td>
<td>Francesco Rubino, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>Best surgical options and long term outcomes</td>
<td>John Morton, MD</td>
</tr>
<tr>
<td>2:20PM</td>
<td>Medical therapy vs. Surgery in 2015</td>
<td>Philip Schauer, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Endoscopic interventions for metabolic syndrome</td>
<td>Stacy Brethauer, MD</td>
</tr>
<tr>
<td>2:40PM</td>
<td>Update on pediatric metabolic surgery</td>
<td>Marc P. Michalsky, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES
- Bariatrics

GUIDELINES:
- Guidelines for the Clinical Application of Laparoscopic Bariatric Surgery (June 2010)
- Role of Endoscopy in the Bariatric Surgery Patient (April 2008)

SS5B Concurrent Session:
Exhibit Hall Video Presentations – Foregut

SAGES does not offer CME for this session

Moderator: Chan W. Park, MD; Co-Moderator: Barry A. Saliky, MD

V048 MINIMALLY INVASIVE APPROACHES TO RESECTION OF BENIGN/LOW GRADE GASTRIC TUMORS
Arghavan Salles, MD, PhD, Monica Dua, MD, PhD, Shai Friedland, MD, Brendan Visser, MD; Stanford Hospital & Clinics

V049 MAGNETIC SPHINCTER AUGMENTATION: ENDOSCOPIC AND LAPAROSCOPIC VISUALIZATION OF FUNCTION
Jessica L Reynolds, MD, Joerg Zehetner, MD, Nikolai Bildzukewicz, MD, Sharon Shiraga, MD, John C Lipham, MD; University of Southern California

V050 LAPAROSCOPIC RESECTION OF A RETRORECTAL PRESACRAL SCHWANNOMA OF THE S2 NERVE ROOT
Stephanie L Koonce, MD, Mark A Pichelmann, MD, Ron G Landmann, MD; Mayo Clinic Florida

V051 ACUTE GASTRIC STRANGULATION: A DIAGNOSTIC DILEMMA
Alberto S Gallo, MD, Cristina Harnsberger, MD, Ryan C Broderick, MD, Martin Berducci, MD, Hans Fuchs, Christoph Ducoin, MD, Joshua Langert, MD, Garth R Jacobsen, MD, Brian J Sandler, MD, Santiago Horgan, MD; Minimally Invasive Surgery Department. University of California San Diego

V052 EMERGENT LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR
Piotr Krecioch, MD, Thomas Shin, MD, William Strodel III, MD, Jon Gabrielsen, MD, Anthony Petrick, MD; Geisinger Medical Center

V053 EARLY EXPERIENCE AND LESSONS LEARNED IN A NEW MINIMALLY INVASIVE ESOPHAGECTOMY PROGRAM
Benedetto Mungo, MD, Anne O Lidor, MD, MPH, Miloslawa Stem, MS, Daniela Molena, MD; Johns Hopkins University

V054 ACUTE SYMPTOMATIC TRANSHIATAL COLONIC HERNIATION AFTER TOTAL ESOPHAGECTOMY
Mario Masrur, MD, Fabiola Aguilera, MD, Despoina Daskalaki, MD, Kristin Patton, MD, Pier Giulianiotti, MD; University of Illinois at Chicago

V055 GIANT GIST TUMOR RESECTION AND HIATAL HERNIA REPAIR: PRESENTATION AND TREATMENT
Morris Sasson, MD, Fernando Dip, MD, Emanuele Lo Menzo, MD, PhD, FACS, Samuel Szoysztein, MD, FACS, Paul Rosenthal, MD, FACS; Cleveland Clinic Florida

V056 ENDOSCOPIC CONTROL OF ENTEROCUTANEOUS FISTULA BY DUAL INTUSSUSCEPTING STENT TECHNIQUE
George Melich, MD, Ajit Pai, MD, Sławomir J Marecik, MD, Leela M Prasad, MD, John J Park, MD; Lutheran General Hospital

V057 REDO-MYOTOMY FOR RECURRENT ACHALASIA AFTER OPEN LEFT THORACIC MYOTOMY
Rudolf Baron Buxhoeveden, Manuel Maya, Florencia Ocariz, Pablo Luna, Gustavo Bugarí; Hospital Aleman de Buenos Aires
Thursday, April 16, 2015

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

Refreshment Break / Happy ½ Hour in Exhibit Hall

3:00PM - 5:00PM
*Included in Registration SuperPass (Option A) or Registration Option B

Panel: Avoiding Bile Duct Injury and Other Untoward Outcomes – Optimizing Your Approach to Cholecystectomy

Chair: Robert Fanelli, MD; Co-Chair: Horacio Asbun, MD

SESSION DESCRIPTION
Surgeons, nurses, mid-level providers, and allied health professionals caring for patients before, during, and after cholecystectomy will gain useful insight from this session that addresses complications and less than optimal outcomes related to cholecystectomy. Panelists will explore modifiable practice factors that improve clinical results, including preoperative, intraoperative, and postoperative decision-making, operative timing and specific techniques, and the avoidance of bile duct injury during cholecystectomy.

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

- Adjust their operative approach to include routine achievement of the Critical View of Safety before dividing any structures during cholecystectomy, including an intraoperative pause to confirm identity of structures to be divided.
- Recognize the importance of biliary inflammatory disease in increasing the hazards of surgery, and will select appropriate procedures to be performed at appropriate phases of the disease process based on timing and clinical indicators.
- Distinguish the need for cholangiography and other imaging techniques in defining anatomy from traditional uses when common bile duct stones are suspected.

ACTIVITY OUTLINE

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>3:00PM</td>
<td>Session Introduction</td>
<td>Robert Fanelli, MD</td>
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<tr>
<td>3:01PM</td>
<td>The SAGES Safe Cholecystectomy Task Force: Why Now?</td>
<td>L. Michael Brunt, MD</td>
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<tr>
<td>3:07PM</td>
<td>Mechanisms of Bile Duct Injury</td>
<td>Abe Fingerhut, MD</td>
</tr>
<tr>
<td>3:22PM</td>
<td>The Critical View of Safety: What Is It, How to Achieve It, Why It Works</td>
<td>Steven Strasberg, MD</td>
</tr>
<tr>
<td>3:37PM</td>
<td>Imaging Techniques in Biliary Surgery</td>
<td>Daniel Deziel, MD</td>
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<tr>
<td>3:49PM</td>
<td>Approaching the Difficult Gallbladder: Preoperative Decision-Making</td>
<td>Steven Schwartzberg, MD</td>
</tr>
<tr>
<td>4:01PM</td>
<td>Approaching the Difficult Gallbladder: Intraoperative Techniques</td>
<td>Benjamin Poulouse, MD MPH</td>
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<tr>
<td>4:13PM</td>
<td>Additional Considerations: The Community Surgeon Perspective</td>
<td>Jeffrey Crooms, MD</td>
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<tr>
<td>4:29PM</td>
<td>Bile Duct Injury: Now What?</td>
<td>Horacio Asbun, MD</td>
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<tr>
<td>4:35PM</td>
<td>Emergency Department Visits After Cholecystectomy: The NY State Experience</td>
<td>Dana Telem, MD</td>
</tr>
<tr>
<td>4:45PM</td>
<td>The Critical View of Safety: Is This It?</td>
<td>Robert Fanelli, MD All Speakers</td>
</tr>
</tbody>
</table>

LEARNING THEMES

- HPB

GUIDELINES:

- Guidelines for the Clinical Application of Laparoscopic Biliary Tract Surgery (January 2010)
Panel: Open to MIS – What is Taking Us So Long?
Chair: Jeffrey Hazey, MD; Co-Chair: W. Scott Melvin, MD

SESSION DESCRIPTION
Penetration of some laparoscopic/MIS procedures (hernia, colorectal, bariatric, HPB) continues to be low despite mounting evidence of clinical efficacy and improved patient recovery with shorter hospital stays, lower wound complications and more rapid return to normal activities/work. This session will highlight hurdles and solutions for practicing surgeons to adopt minimally invasive techniques in the surgical care of hernias, colorectal disease and HPB disease.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Compare and contrast the advantages of laparoscopic inguinal and ventral hernia repair, colorectal and HPB relative to open techniques
• Formulate a plan to integrate MIS techniques as they apply to their practice in hernia care, colorectal and HPB

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>Benefits Of Laparoscopic Ventral And Inguinal Hernia Repair Relative To Open Techniques</td>
<td>Richard Pierce, MD</td>
</tr>
<tr>
<td>3:50PM</td>
<td>How Do We Solve The Issue Of Penetration For Laparoscopic Inguinal And Ventral Hernia Repair?</td>
<td>John Scott Roth, MD</td>
</tr>
<tr>
<td>4:10PM</td>
<td>Laparoscopic Colorectal Surgery. Why Have We Been So Slow To Adopt This Technique?</td>
<td>Bradley Champagne, MD</td>
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<tr>
<td>4:30PM</td>
<td>Application of MIS to HPB: Baby steps</td>
<td>Alberto Ferreres, PhD</td>
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<tr>
<td>4:50PM</td>
<td>Question and Answer</td>
<td>Panel</td>
</tr>
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</table>

LEARNING THEMES

- HPB
- HPB
- New technologies/Skill acquisition
- Hernia
- Colorectal

GUIDELINES:
• SAGES Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques (July 2010)
• Position Statement on Advanced Laparoscopic Training (October 2010)
• Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer (February 2012)

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

Panel: Adolescent Bariatric Surgery – What Every Surgeon should Know (joint with IPEG)
Chair: Janey Pratt, MD; Co-Chair: Carroll Harmon, MD, PhD

SESSION DESCRIPTION
In this session we will present and update on the Teen LABBS outcomes study and discuss the anatomic, metabolic and nutritional complications seen after bariatric surgery, especially those that are particularly common in Adolescents. We will also discuss Pregnancy after WLS. This session is for pediatric and adult surgeons who cover bariatric patients or perform bariatric surgery.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognize and treat anatomic, metabolic and nutritional complications of weight loss surgery
• Identify and Diagnose unusual complications that can occur in Pediatric weight loss surgery patients but are rarely seen in adult patients
• Counsel patients on risks and benefits of weight loss surgery before pregnancy
• Counsel patients and develop plans for surgical or medical treatments for weight regain after weight loss surgery

ACTIVITY OUTLINE

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>3:30PM</td>
<td>Teen LABBS update</td>
<td>Marc Michalsky, MD</td>
</tr>
<tr>
<td>3:45PM</td>
<td>Complications of Gastric Banding</td>
<td>Christine Ren-Fielding, MD</td>
</tr>
<tr>
<td>3:55PM</td>
<td>Anatomic Complications of Stapled Procedures</td>
<td>Samer Mattar, MD</td>
</tr>
<tr>
<td>4:10PM</td>
<td>Pregnancy after WLS in Adolescents</td>
<td>Janey Pratt, MD</td>
</tr>
<tr>
<td>4:25PM</td>
<td>The Great Debates: Which Operation and What Age?</td>
<td>Carroll Harmon, MD, PhD</td>
</tr>
<tr>
<td>4:40PM</td>
<td>Panel with question and answer</td>
<td>All of the above</td>
</tr>
</tbody>
</table>

LEARNING THEMES

- B Bariatrics

GUIDELINES:
• Guidelines for Clinical Application of Laparoscopic Bariatric Surgery (June 2008)
Thursday, April 16, 2015

4:30PM - 5:30PM

Community Practice Townhall
SAGES does not offer CME for this session

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

5:30PM - 7:30PM

Industry Educational Events

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

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

“Fixation Redefined” Cocktail Reception:
Bard has Redefined Permanent & Absorbable Fixation, join us to Experience the Difference
Presented by Davol Inc., a BARD Company

“This Uncover Your Future with DaVinci”
Presented by Intuitive Surgical

“Innovations in Managing Complex Foregut and Bariatric Surgery”
Presented by Olympus America, Inc.

- Gastric Volvulus and it’s Management
- Management of Sleeve Gastrectomy and Complications
- Subtotal Gastrectomy for Gastric Cancer
- Complex Revisional Bariatric Surgery

Presenters:
- Ninh T. Nguyen, MD, FACS, FASMBs
  Professor and Vice-Chair, Department of Surgery
  University of California Irvine Medical Center
- Rami E. Lutfi, MD, FACS
  Chief of Surgery, Mercy Hospital and Medical Center
  Medical Director, Chicago Institute of Advanced Bariatrics
- John M. Morton, MD, FACS, FASMBs
  Chief, Bariatric and Minimally Invasive Surgery
  Stanford School of Medicine
- Jaime Ponce, MD, FACS, FASMBs
  Medical Director for Bariatric Surgery
  Hamilton Medical Center

This is a non-CME activity presented and supported by Davol Inc., a BARD Company
This is a non-CME activity presented and supported by Intuitive Surgical
This is a non-CME activity presented and supported by Olympus America, Inc.
SAGES TOP 21 PROCEDURES EVERY PRACTICING SURGEON SHOULD KNOW

SAGES Top 21 contains video-based training on the most common minimally invasive procedures performed by general surgeons, as determined by the SAGES Educational Resources Committee. Purchase of DVD also includes online access to content.

Product ID: MS1108

$280 MEMBER PRICE

1: Upper Endoscopy 12: Laparoscopic Right Hemicolecêctomy & Appendectomy
2: Colonoscopy 13: Laparoscopic Sigmoid Colectomy/ Low Anterior Resection
3: Laparoscopic Cholecystectomy 14: Laparoscopic Roux-en-Y Gastric Bypass
4: Laparoscopic CBDE 15: Laparoscopic Adjustable Gastric Band
5: Laparoscopic Nissen Fundoplication 16: Laparoscopic Ultrasound
6: Laparoscopic Paraesophageal Hernia Repair 17: Laparoscopic Distal Pancreatetomy
7: Laparoscopic Heller Myotomy 18: Laparoscopic Liver Biopsy and Resection
8: Laparoscopic Inguinal Hernia Repair 19: Laparoscopic Esophagectomy
9: Laparoscopic Ventral Hernia Repair 20: Laparoscopic Gastric Resection
10: Laparoscopic Splenectomy 21: Laparoscopic Treatment Of Peptic Ulcer Disease
11: Laparoscopic Adrenalectomy

SAGES PEARLS SERIES

$195 EACH

SAGES Pearls provide step-by-step instruction by one or more expert laparoscopic surgeons on the following topics. The content also includes specially-prepared commentaries.

• Laparoscopic Nissen Fundoplication MS1109
• Laparoscopic Roux-en-Y Gastric Bypass MS1110
• Laparoscopic Sigmoid Colectomy MS1111
• Laparoscopic Right Hicolecêctomy MS1112
• Laparoscopic Inguinal Hernia Repair MS1214
• Laparoscopic Incisional Hernia Repair MS1215
• Laparoscopic Adrenalectomy
• Laparoscopic Cholecystectomy
• Laparoscopic Sleeve Gastrectomy
• Laparoscopic Spleen Removal

Coming Soon!
• Laparoscopic Adrenalectomy
• Laparoscopic Cholecystectomy
• Laparoscopic Sleeve Gastrectomy
• Laparoscopic Spleen Removal

SAGES PATIENT INFORMATION BROCHURES

Patient information brochures developed by The SAGES Educational Resources Committee assist surgeons in preparing their patients for surgery. Brochures are 8 pages and feature full color illustrations. Patient information brochures are available for the following topics:

• Colonoscopy
• Upper Endoscopy
• Flexible Sigmoidoscopy
• Laparoscopic Spine Surgery
• Diagnostic Laparoscopy
• ERCP
• Laparoscopic Anti-Reflux Surgery
• Laparoscopic Colon Resection
• Laparoscopic Inguinal Hernia Repair
• Laparoscopic Surgery for Severe Obesity
• Laparoscopic Ventral Hernia Repair
• Laparoscopic Adrenal Gland Removal
• Laparoscopic Gall Bladder Removal
• Laparoscopic Spleen Removal
• Laparoscopic Appendectomy

*Discount available for purchasing 150 or more.

Order Today! Call 800.515.1542 or 203.263.0006 or Visit Our Website at: www.Cine-Med.com
<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
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<tbody>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>Mock Trial: See you in Court</strong> - Legal Consequences of Bile Duct Injury during Laparoscopic Cholecystectomy</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>Panel: MIS Jeopardy</strong></td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>Debate: Adolescent Achalasia</strong> - The Great Debate (joint with IPEG)</td>
<td>Tennessee B1rm A/B</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>SS7 Concurrent Session: Abdominal Wall</strong></td>
<td>Delta Ballroom D</td>
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<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>SS8 Concurrent Session: HPB</strong></td>
<td>Bayou A/B</td>
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<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>SS9 Concurrent Session: Scientific Investigation</strong></td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>7:30 AM - 8:30 AM</td>
<td><strong>SS10 Concurrent Session: Top Hernia Videos</strong></td>
<td>Delta Ballroom A</td>
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<tr>
<td>8:30 AM - 10:00 AM</td>
<td><strong>SS11: Plenary Session 1</strong></td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>9:30 AM - 4:00 PM</td>
<td><strong>Exhibits, Poster Session &amp; Learning Center Open</strong></td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>10:00 AM - 10:45 AM</td>
<td><strong>Keynote: Presidential Address</strong> – L. Michael Brunt, MD</td>
<td>Delta Ballroom A</td>
</tr>
<tr>
<td>10:45 AM - 11:30 AM</td>
<td><strong>Keynote: Gerald Marks Lecture</strong> – Frank R. Lewis, MD</td>
<td>Delta Ballroom A</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td><strong>Debate: Presidential Debates</strong></td>
<td>Delta Ballroom A</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td><strong>Military Surgical Symposium</strong></td>
<td>Bayou C/D</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td><strong>SS12 Concurrent Session: Emergency/ General Surgery</strong></td>
<td>Delta Ballroom B</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td><strong>SS13 Concurrent Session: Hernia</strong></td>
<td>Delta Ballroom C</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td><strong>SS14 Concurrent Session: MIS Potpourri</strong></td>
<td>Delta Ballroom D</td>
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<tr>
<td>11:30 AM - 12:30 PM</td>
<td><strong>SS15 Concurrent Session: Robotics</strong></td>
<td>Bayou A/B</td>
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<tr>
<td>11:30 AM - 4:00 PM</td>
<td><strong>SS16 Concurrent Session: Exhibit Hall Video Presentations - HPB &amp; Bariatric (non-CME)</strong></td>
<td>Ryman Hall C - Theater</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td><strong>FREE GRAB AND GREET LUNCH for All Attendees</strong></td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td><strong>Fellowship Council Luncheon</strong></td>
<td>Washington B</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td><strong>Panel: Acute Care Session</strong> - Maximizing Patient Care in Emergency General Surgery (joint with AAST)</td>
<td>Bayou C/D</td>
</tr>
<tr>
<td>2:00 PM - 3:30 PM</td>
<td><strong>SS17 Concurrent Session: Colorectal</strong></td>
<td>Delta Ballroom C</td>
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<tr>
<td>2:00 PM - 3:30 PM</td>
<td><strong>SS18 Concurrent Session: Education/ Simulation</strong></td>
<td>Delta Ballroom D</td>
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<tr>
<td>2:00 PM - 3:30 PM</td>
<td><strong>SS19 Concurrent Session: Foregut</strong></td>
<td>Delta Ballroom A</td>
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<tr>
<td>2:00 PM - 3:30 PM</td>
<td><strong>SS20 Concurrent Session: Obesity/ Sleeve</strong></td>
<td>Bayou A/B</td>
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<tr>
<td>2:00 PM - 3:30 PM</td>
<td><strong>Symposium: SAGES SMART™ Program</strong></td>
<td>Delta Ballroom B</td>
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<tr>
<td>3:30 PM - 5:30 PM</td>
<td><strong>Session: Emerging Technology</strong> (non-CME)</td>
<td>Delta Ballroom A</td>
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<tr>
<td>3:30 PM - 5:30 PM</td>
<td><strong>SS21: Resident/Fellow Scientific Session</strong></td>
<td>Bayou A/B</td>
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<tr>
<td>3:30 PM - 4:00 PM</td>
<td><strong>Refreshment Break/ Happy ½ Hour in Exhibit Hall</strong></td>
<td>Ryman Exhibit Hall C</td>
</tr>
<tr>
<td>4:00 PM - 5:30 PM</td>
<td><strong>Panel: Complex Paraesophageal Hernias</strong></td>
<td>Delta Ballroom C</td>
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<tr>
<td>4:00 PM - 5:30 PM</td>
<td><strong>Panel: Lessons Learned from Military Surgery - Transition Back into Practice</strong></td>
<td>Bayou C/D</td>
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<tr>
<td>4:00 PM - 5:30 PM</td>
<td><strong>SS22 Concurrent Session: Outcomes &amp; Complications</strong></td>
<td>Delta Ballroom B</td>
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<tr>
<td>4:00 PM - 5:30 PM</td>
<td><strong>SS23 Concurrent Session: Metabolic/ Bariatric</strong></td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>7:30 PM - 11:00 PM</td>
<td><strong>SAGES Gala &amp; International Singoff</strong></td>
<td>Wildhorse Saloon</td>
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Save the Date!

Surgical Spring Week
SAGES 2016
Scientific Session & Postgraduate Courses

Hynes Veterans Memorial Convention Center,
Boston, MA  ■  March 16-19, 2016

Program Chairs:
Robert D. Fanelli, MD
Thadeus L. Trus, MD
SS7 Concurrent Session: Abdominal Wall
DELTA BALLROOM D

SS7 Concurrent Session: Abdominal Wall

**Moderator: Michael J. Rosen, MD; Co-Moderator: Gina L. Adrales, MD, MPH**

**S017 CLOSING THE GAP BETWEEN THE LAPAROSCOPIC AND OPEN APPROACHES TO ABDOMINAL WALL HERNIA REPAIR: AN OUTCOMES-BASED ANALYSIS OF THE ACS-NSQIP DATABASE**
Samantha L Savitch, Paresh C Shah, MD, FACS; NYU Langone Medical Center

**S018 PRIMARY FASCIAL CLOSURE WITH MESH PLACEMENT DURING LAPAROSCOPIC VENTRAL HERNIA REPAIR: A RISK-ADJUSTED COMPARATIVE STUDY**
J E Wennergren, MD, E P Akenasy, MD, J A Greenberg, MD, J L Holihan, MD, J Keith, MD, M K Liang, MD, R G Martindale, MD, M A Plymale, MSN, RN, J S Roth, MD, University of Kentucky, Baylor College of Medicine, University of Wisconsin, University of Texas Health Science Center, University of Iowa, Oregon Health Science Center

**S019 PLATELET-RICH PLASMA (PRP) DECREASES INCIDENCE OF HERNIA RECURRENT USING STRATITC™ MESH IN A RODENT MODEL OF CHRONIC VENTRAL HERNIA REPAIR**
Jeffrey L Van Eps, MD, Joseph S Fernandez-Moure, MD, MS, Fernando J Cabrera, MD, Bradley K Weiner, MD, Ennio Tasciotti, PhD, Brian J Dunkin, MD, FACS, Warren A Ellsworth IV, MD, FACS, Houston Methodist Hospital & Surgical Advanced Technology Lab, Houston Methodist Research Institute, Surgical Advanced Technology Lab, Houston Methodist Research Institute, Houston Methodist Hospital, Methodist Institute for Technology, Innovation and Education (MITIE), Houston Methodist Hospital

**V060 LAPAROSCOPIC OBTRUATOR HERNIA REPAIR IN THE SETTING OF INCARCERATION AND OBSTRUCTION**
Michael J Passeri, MD, Scott Belsley, MD, FACS; Mount Sinai Roosevelt Hospital

**S020 ACETAZOLAMIDE REDUCES POST OPERATIVE PAIN FOLLOWING LAPAROSCOPIC INGUINAL HERNIORRHAPHY**
Irene Pourladian, BS, Matthew Frelich, MS, Alex Lois, BS, Harvey Woehlck, MD, Michelle Weber, MSN, Andrew Kastenmeier, MD, PhD, Jon C Gould, MD, Matthew I Goldblatt, MD; Medical College Of Wisconsin

**S021 VENTRAL HERNIA REPAIR IN CONTAMINATED FIELDS: A SURVEY TO IDENTIFY CURRENT SURGICAL PRACTICES.**
Shuddhadeb Ray, MD, Kyle C Ward, DO, Sara Baalman, MA, Brent Matthews, MD, FACS, Corey R Deeken, PhD; Washington University School of Medicine, Carolinas Medical Center

**SS8 Concurrent Session: HPB**
BAYOU A/B

**Moderator: David A. Iannitti, MD; Co-Moderator: Purvi Parikh, MD**

**S022 LAPAROSCOPIC LIVER RESECTION FOR HEPATOCELLULAR CARCINOMA IN CIRRHOTIC PATIENTS: TEN YEARS SINGLE CENTER EXPERIENCE**
Ahmed Shehta, MD, Ho Seong Han, MD, PhD, Yoo Seok Yoon, MD, , PhD, Jai Young Cho, MD, PhD, YoungRok Choi, MD; Gastroenterology Surgical Center - Mansoura university, Seoul National University Bundang Hospital, Seoul National University

**S023 FLUOROCHOLANGIOGRAPHY: REINCARNATION IN LAPAROSCOPIC SURGERY**
Ahmad Mirza, MD, Samer Zino, MD, Haitham Qandeel, MBBS, Mk Nassar, Ahmad Nassar; The Monklands District General Hospital, Airdrie, Scotland, UK

**S024 LAPAROSCOPIC VERSUS OPEN ENucleATION FOR PANCREATIC NEOPLASMS: CLINICAL OUTCOMES AND PANCREATIC FUNCTION ANALYSIS**
Renchao Zhang, MD, Jiafei Yan, MD, Yiping Mou, MD, FACS, Yucheng Zhou, MD, Chaojie Huang, Chao Lu, Ronggao Chen; Department of General Surgery, Sir Run Run Shaw Hospital, Zhejiang University

**S025 LAPAROSCOPIC HEPATICOJEJUNOSTOMY AFTER BILE DUCT INJURY**
Adolfo Cuendis, MD, C Morales, M Rojano, M Mucio, I Aguirre, F Torres, C Fernandez; Hospital GEA, ‘private practice, ‘SSA

**S026 THE FIRST DECADE OF LAPAROSCOPIC PANCREATICOcDUODENECTOMY IN THE UNITED STATES: COSTS AND OUTCOMES USING THE NATIONWIDE INPATIENT SAMPLE**
Thuy B Tran, MD, Monica M Dua, MD, David J Worhunsksy, MD, George A Poultsides, MD, Jeffrey A Norton, MD, Brendan C Visser, MD, Stanford University

To fully comply with ACCME regulations, all SAGES Meeting attendees must have their badge scanned before entering any course or session room in order to receive CME credit for that event.
SS9 Concurrent Session: Scientific Investigation

Moderator: Bruce V. MacFadyen Jr, MD; Co-Moderator: Rebecca Petersen, MD

**S028 EFFECTS OF REACTIVE OXYGEN SPECIES ON THE PHYSICAL PROPERTIES OF POLYPROPYLENE SURGICAL MESH AT VARIOUS CONCENTRATIONS: A MODEL FOR INFLAMMATORY REACTION AS A CAUSE FOR MESH EMBRITTLEMENT AND FAILURE**

Jean Kurtz, BS; Ben Rael, BS; Jesus Lerma, BS; Tariq Khraishi, PhD; Timothy Perez, MD; Edward Auyang, MD; University of New Mexico School of Medicine, University of New Mexico Department of Mechanical Engineering, University of New Mexico Department of General Surgery

**S029 EFFECT OF BOWEL RESECTION ON TLR SIGNALING DURING INTESTINAL ADAPTATION IN A RAT MODEL**

Bassel Haj, Ibrahim Matter, Yulia Pollak, Tatiana Dorfman, Jacob Bejar, Igor Sukhotnik; Dept of Surgery, The Bruce Rappaport Faculty of Medicine, Technion-Israel Institute of Technology, Dept of Pathology, Dept of Pediatric Surgery, Bnai Zion Medical Center, Haifa, Israel

**S030 IN VIVO SMALL BOWEL BIOENGINEERING USING ALLOGENIC APRTOC GRAFTS IN PIGS**

Elie K Chouillard, MD, PhD; Elias Chahine, MD; Emmanuel Martinod, MD, PhD; PARIS POISSY MEDICAL CENTER, Hôpital AVICENNE (Bobigny, France)

**S031 UNINTENDED STRAY ENERGY FROM THE MONOPOLAR INSTRUMENT: BEWARE OF THE DISPERSIVE ELECTRODE CORD**

Nicole T Townsend, MD; Nicole Nadlonek, MD; Edward L Jones, MD, MPH; Gregory V Stiegmann, MD; Thomas N Robinson, MD; University of Colorado, Ohio State University

**S032 USE OF STOCHASTIC RESONANCE METHODS FOR IMPROVING LAPAROSCOPIC SURGERY PERFORMANCE**

Robert D Hoskins, MS, Katherine M Babbitt, MD, Jinping Wang, PhD, Emily Diller, BS, Caroline Cao, PhD; Wright State University

SS10 Concurrent Session: Top Hernia Videos

Moderator: Nicole M. Fearing, MD; Co-Moderator: Jin Soo Yoo, MD

**V062 LAPAROSCOPIC REPAIR OF AN ACQUIRED LEFT LUMBAR HERNIA**

Lee M Morris, MD; Patrick R Reardon, MD; The Houston Methodist Hospital

**V063 LAPAROSCOPIC REPAIR OF MORGAGNI-LARREY HERNIAS**

Jeffrey N Harr, MD, MPH; Fred Brody, MD, MBA; The George Washington University

**V064 PARAESOPHAGEAL HERNIA REPAIR IN SITUS INVERSUS**

Amber L Shada, MD; Ahmed Sharata, MD; Christy Dunst, MD; Emily Speer, MD; Lee L Swanstrom, MD; Kevin M Reavis, MD; Providence Portland Medical Center, The Oregon Clinic

**V065 LAPAROSCOPIC REPAIR OF A RIGHT-SIDED PARADUODENAL HERNIA – TECHNIQUE AND PITFALLS**

Ioana Antonescu, MD, CM, MScEpi; Carmen L Mueller, BSCh, MD, FRCSC; McGill University

**V066 LAPAROSCOPIC REPAIR OF INCARCERATED DIAPHRAGMATIC HERNIA**

Jeffrey A Blatnik, MD; Jeffrey M Marks, MD; University Hospitals Case Medical Center
Mock Trial: See You in Court – Legal Consequences of Bile Duct Injury during Laparoscopic Cholecystectomy
Chair: Michael Edye, MD; Co-Chair: Jon Gould, MD

SESSION DESCRIPTION
A surgeon who injured a patient’s bile duct during a laparoscopic cholecystectomy gives evidence in court. Plaintiff and defense counsel make their cases and the judge sends the case to the jury. This mock trial examines the legal process that will likely occur should this type of case go to trial.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Identify situations in which there is a high risk of bile duct injury
- Recognize the indications to convert a laparoscopic case to an open procedure and the steps to take when a bile duct injury is suspected
- Articulate the preoperative, intraoperative, and postoperative strategies for minimizing the possibility of a lawsuit related to a laparoscopic cholecystectomy procedure

ACTIVITY OUTLINE

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<th>Time</th>
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<th>Faculty Name</th>
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<tr>
<td>7:30AM</td>
<td>Intro to Mock Case: Bile Duct Injury</td>
<td>Jon Gould, MD and Michael Edye, MD</td>
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<td>“Critical View”</td>
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<td>7:50AM</td>
<td>Deposition – Defendant: Surgeon questioned by own counsel</td>
<td>Defendant – Daniel Deziel, MD Attorney – C. Daniel Smith, MD</td>
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<td>“Critical View”</td>
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<td>8:05AM</td>
<td>Summarize learning objectives and important points</td>
<td>Panel Discussion</td>
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<td>• Interactive discussion with audience</td>
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LEARNING THEMES
- PE Professional/Economic
- AE Academic/Educational
- HPB HPB

GUIDELINES:

Panel: MIS Jeopardy
Chair: Anne Lidor, MD MPH; Co-Chair: Simon Bergman, MD

SESSION DESCRIPTION
SAGES provides up to date guidelines for laparoscopic and endoscopic surgery to all of its members. Despite it being free and easily accessible, approximately half of SAGES members do not use them. SAGES members should be aware of and take advantage of these valuable evidence based guidelines for use in their clinical practice.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
1. Describe the availability and value of SAGES evidence based guidelines.
2. Demonstrate knowledge of how to access and utilize SAGES guidelines to improve their practice of medicine.

ACTIVITY OUTLINE
This will be an exciting and entertaining session held in a game show type format! Three teams with 3-4 MIS experts per team will compete to prove they have the most knowledge of the current SAGES guidelines. U.S., Canada, and International SAGES members will represent their countries on each team—come out to support your team and country!!

INVITED FACULTY
Team USA: Daniel Jones, MD; Marina Kurian, MD and Daniel Scott, MD
Team Canada: Melina Vassiliou, MD; Christopher Schlachta, MD and Ormond Panton, FRCSC
Team International: Manabu Yamamoto, MD; Alberto Ferreres, PhD and Mario Morino, MD

LEARNING THEMES
- PE Professional/Economic

GUIDELINES:
- SAGES Clinical Practice Guidelines
Friday, April 17, 2015

Debate: Adolescent Achalasia – The Great Debate (joint with IPEG)

Chairs: Gretchen Purcell Jackson, MD, PhD and Todd A. Ponsky, MD

SESSION DESCRIPTION
This session will address current areas of debate relating to achalasia in the adolescent. Topics will include the use of high resolution manometry, Per Oral Endoscopic Myotomy, and robotic surgery.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Understand the current literature as it relates to the benefit of high resolution manometry in the workup of achalasia
• Understand the current literature as it relates to the safety and efficacy of POEM in the treatment of achalasia
• Understand the benefits of robotic heller myotomy compared to traditional laparoscopy

ACTIVITY OUTLINE:

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<tr>
<td>7:30AM</td>
<td>HRM: “Not Necessary” vs. “Worth the Expense”</td>
<td>Abdallah Zarroug, MD</td>
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<td>Peds Surgeon “Breaking the bank”</td>
<td>Pablo Omelanczuk, MD</td>
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<td>Adult Surgeon “Ground breaking”</td>
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<td>7:50AM</td>
<td>POEM: “Ready for Prime Time” vs. “Not Ready”</td>
<td>Timothy D. Kane, MD</td>
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<td>Peds Surgeon “Great Idea…where are the data?”</td>
<td>Jeffrey Ponsky, MD</td>
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<td>Adult Surgeon “Ready for prime time!”</td>
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<td>8:10AM</td>
<td>Ready for Robot?</td>
<td>Daniel J. Ostlie, MD</td>
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<td>Peds Surgeon “Laparoscopes Only, please!”</td>
<td>Santiago Horgan, MD</td>
</tr>
<tr>
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<td>Adult Surgeon “Bring in the Robot”</td>
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SS11: Plenary Session 1

Moderator: Brian J. Dunkin, MD; Co-Moderator: Seigo Kitano, MD, PhD

S033 SUBJECTIVE GASTROESOPHAGEAL REFLUX AFTER PER ORAL ESOPHAGEAL MYOTOMY DOES NOT CORRELATE WITH OBJECTIVE PH STUDIES: SHOULD ALL PATIENTS BE ON PROTON PUMP INHIBITORS? Edward L Jones, MD, Michael P Meara, MD, Jennifer S Schwartz, MD, Jeffrey W Hazey, MD, Kyle A Perry, MD, The Ohio State University

S034 MULTI INSTITUTIONAL OUTCOMES USING MAGNETIC SPHINCTER AUGMENTATION VERSUS NISSEN FUNDOPLICATION FOR CHRONIC GASTROESOPHAGEAL REFLUX DISEASE Heath Warren, MD, Jessica L Reynolds, MD, John C Lipham, MD, Joerg Zehetner, MD, Nikolai A Bilszukiewicz, MD, Paul A Taiganides, MD, Ralph W Aye, MD, Alexander S Farivar, MD, Brian E Louie, MD, MPH, ‘Swedish Cancer Institute and Medical Center, ‘University of Southern California, ‘Knox Community Hospital

V067 MINIMALLY INVASIVE IVOR-LEWIS ESOPHAGECTOMY FOR ESOPHAGEAL CANCER AFTER GASTRIC BYPASS Michael Latzko, MD, Ziad Awad, MD, Bestoun Ahmed, MD, University of Florida

S035 A PROSPECTIVE MULTICENTER STUDY OF SELF-EXPANDABLE METALLIC STENTS AS A BRIDGE TO SURGERY FOR MALIGNANT COLORECTAL OBSTRUCTION IN JAPAN: EFFICACY AND SAFETY IN 313 PATIENTS Shuji Saito, MD, Hitoshi Sekido, MD, Shuntaro Yoshida, MD, Hiroyuki Isayama, MD, Takeaki Matsuizawa, MD, Toshio Kuwai, MD, Iruku Maetani, MD, Mamoru Shimada, MD, Tomonori Yamada, MD, Masafumi Tomita, MD, Koichi Koizumi, MD, Nobuto Hirata, MD, Hideki Kanazawa, MD, Satoshi Ikeda, MD, Ken Konishi, MD, Tomio Hirakawa, MD, Rika Kyo, MD, Toshiyuki Enomoto, MD, Yoshisata Saida, MD, ‘Department of Surgery, National Hospital Organization Yokohama Medical Center, ‘Department of Endoscopy and Endoscopic Surgery, Graduate School of Medicine, The University of Tokyo, ‘Department of Gastroenterology, Graduate School of Medicine, The University of Tokyo, ‘Department of Digestive Tract and General Surgery, Saitama Medical Center, Saitama Medical University, ‘Department of Gastroenterology, National Hospital Organization Kure Medical Center and Chugoku Cancer Center, ‘Div. of Gastroenterology and Hepatology, Dept. of internal Medicine Toho Univ. Ohashi Medical Center, ‘Department of Surgery, Moriguchi Keijinkai Hospital, ‘Department of Gastroenterology, Japanese Red Cross Nagoya Daini Hospital, ‘Department of Surgery, Kishiwada Tokushukai Hospital, ‘Department of Gastroenterology, Tokyo Metropolitan Cancer and Infectious Disease Center Komagome Hospital, ‘Department of Gastroenterology, Kameda Medical Center, ‘Department of Surgery, National Hospital Organization Sagamihara Hospital, ‘Department of Surgery, Hiroshima Prefectural Hospital, ‘Department of Gastroenterological Surgery, Higashiosaka City General Hospital, ‘Department of Gastroenterology, Yao Tokushukai General Hospital, ‘Department of Gastroenterology, Saiseikai Yokohamashi Nanbu Hospital, ‘Department of Surgery, Toho University Ohashi Medical Center

S036 THE IMPACT OF POSTOPERATIVE COMPLICATIONS ON PATIENTS’ RECOVERY AFTER ABDOMINAL SURGERY: A PROSPECTIVE CLINICAL TRIAL Mehdi Tahiri, MD, Tarifin Sikder, BSc, Geva Maimon, PhD, Shanon Fraser, MD, Simon Bergman, MD, MSc; McGill University

SAGES acknowledges our Diamond Level Donors for their support of this session: Stryker Endoscopy.
Friday, April 17, 2015

9:30AM - 4:00PM

Exhibits/Posters/Learning Center

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

RYMAN EXHIBIT HALL C

10:00AM - 10:45AM

Presidential Address – “A SAGES Magical Mystery Tour”
Speaker: L. Michael Brunt, MD

Dr. Brunt is Professor of Surgery and Section Chief of Minimally Invasive Surgery at the Washington University School of Medicine in St. Louis, Missouri. He also directs the MIS Clinical Fellowship and the Washington University Institute for Minimally Invasive Surgery. His clinical and research interests are in outcomes studies in laparoscopic surgery, sports hernias, and surgical education. Dr. Brunt is a past Treasurer of SAGES and has been on the Executive Committee for the past 5 years. He also serves on the editorial boards of Annals of Surgery, Surgical Endoscopy and Journal of Laparoscopic and Advanced Surgical Techniques. Dr. Brunt has received the Distinguished Clinician Award from Washington University and the Philip J. Wolfson Outstanding Teaching Award from the Association for Surgical Education. He has for several years been listed in the Best Doctors in America and in the Guide to America's Top Surgeons.

SESSION DESCRIPTION
This presentation will review some of the sentinel events in the life of SAGES and how those events helped shape the future direction of our society. Current SAGES initiatives and priorities will also be presented.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify sentinel events in the growth and development of SAGES and recognize how these have helped shaped the direction of the society over the years
• Discuss current initiatives and priorities for the society and surgeons in practice

10:45AM - 11:30AM

Gerald Marks Lecture – “Surgical Residency Redesign: What needs to change?”
Speaker: Frank R. Lewis, Jr., MD

Dr. Lewis has been the Executive Director of the American Board of Surgery since 2002. Prior to the ABS, Dr. Lewis was Chair of the Department of Surgery at Henry Ford Hospital in Detroit and Professor of Surgery at Case Western Reserve University. Dr. Lewis is a past chair of the ABS and the Residency Review Committee for Surgery of the ACGME. He is also a past president of the American Association for the Surgery of Trauma and the Shock Society. He has also served as first vice-president of the American College of Surgeons (ACS), as well as chair of the ACS Board of Governors. Dr. Lewis’ clinical interests center on trauma and critical care. He is certified by the ABS in general surgery.

SAGES acknowledges our Diamond and Platinum Level Donors for their support of this luncheon:
Diamond – Stryker Endoscopy
Platinum – Covidien, Karl Storz Endoscopy, and Olympus
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A large body of evidence demonstrates that hemodynamic optimization through Perioperative Goal-Directed Therapy (PGDT), utilizing dynamic parameters which are informative in determining fluid responsiveness, has been shown to reduce post-surgical complications.1-4

References:
3. Dalfino L, Giglio MT, Puntillo F, Marucci M, Brienza N. Haemodynamic goal-directed therapy and postoperative infections: earlier is better. A systematic review and meta-analysis. Crit Care 2011; 15: R154

When evidence inspires action, Edwards Lifesciences Enhanced Surgical Recovery Program is here to help you implement PGDT. Your vision for reducing post-surgical complications can be realized in a single procedure, or as part of a larger initiative like ERAS or NSQIP.

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Edwards.com/ESR
Friday, April 17, 2015

SS12 Concurrent Session: Emergency/ General Surgery

**Moderator:** Mayur Patel-Vandy, MD; **Co-Moderator:** Gregory F. Dakin, MD

**S038 TRENDS IN LAPAROSCOPY: STUDY OF 1,999 PREGNANT PATIENTS**

Tiffany C Cox, MD, Ciara R Huntington, MD, Laurel J Blair, MD, Tanusheer Prasad, MA, Vedra A Augenstein, MD, FACS, B, Todd Heniford, MD, FACS; Carolinas Medical Center

**S039 NATIONWIDE TRENDS IN TRANSFER OF THE SURGICAL PATIENT**

Ciara R Huntington, MD, Tiffany C Cox, MD, Laurel J Blair, MD, Tanusheer Prasad, MA, Amy E Lincourt, MBA, PhD, Brent D Matthews, MD, FACS, Vedra A Augenstein, MD, FACS, B T Heniford, MD, FACS; Carolinas Medical Center

**V068 LAPAROSCOPIC REPAIR OF STRANGULATED RIGHT DIAPHRAGMATIC HERNIA**

James P Byrne, MD, Fayezy Quereshy, MB, MBA, Timothy Jackson, MD, MPH, Allan Okrainec, MD, MHPE; University of Toronto

**S040 LAPAROSCOPIC SPLENECTOMY: AN INITIAL EXPERIENCE OF MANAGEMENT OF ISOLATED BLUNT TRAUMATIC SPLenic INJURY.**

Turki Al Qurashi, MD, Asem Ghassoum, MD, FACS, MRCPs, Omar Sadieh, MD, FACS, MRCPs, Abdul Rahaman Al Abas, MD; Security Forces Hospital-Makkah, Saudi specialty Hospital

**S041 PARAESOPHAGEAL HERNIA REPAIR IN THE EMERGENCY SETTING: IS LAPAROSCOPY WITH THE ADDITION OF A FUNDOPLICATION THE NEW GOLD STANDARD?**

Michael Klinginsmith, BS, Jennifer Jolley, MD, Daniel Lomelin, MPH, Crystal Krause, PhD, Jace Heiden, BS, Dmitry Oleynikov, MD; University of Nebraska Medical Center (UNMC/UNO)

**S042 THE MANAGEMENT AND OUTCOMES OF ACUTE GASTRIC VOLVULUS**

Duncan Light, FRCS, David Links, Michael Griffin, FRCS, MD; Royal Victoria Infirmary, Newcastle upon Tyne

**S043 SUTURELESS FIXATION OF ONLAY VENTRAL HERNIA REPAIR: REVIEW OF 97 PATIENTS**

Jeremy M Linson, MD, Bestoun Ahmed, MD, FACS; UF COM Jacksonville, FL

**S044 LAPAROSCOPIC VERSUS OPEN VENTRAL HERNIA REPAIR: ONE-YEAR OUTCOMES AND COST ANALYSIS USING STATE-WIDE CLAIMS DATA**

Brett L Ecker, MD, Lindsay Kuo, MD, Kristina D Simmons, PhD, John P Fischer, MD, Jon B Morris, MD, Rachel R Kelz, MD, MSCE; Department of Surgery, University of Pennsylvania, Philadelphia, PA

**S045 LAPAROSCOPIC SPLENECTOMY: AN INITIAL EXPERIENCE OF MANAGEMENT OF ISOLATED BLUNT TRAUMATIC SPLenic INJURY.**

Turki Al Qurashi, MD, Asem Ghassoum, MD, FACS, MRCPs, Omar Sadieh, MD, FACS, MRCPs, Abdul Rahaman Al Abas, MD; Security Forces Hospital-Makkah, Saudi specialty Hospital

**S046 SINGLE INCISION TAPP FOR INGUINAL HERNIA IN 150 PATIENTS**

Kazuo Tanoue, MD, PhD, FACS, Hidenobu Okino, MD, PhD, Masamitsu Kanazawa, MD, PhD, Kichiro Ueno, MD, PhD; Ueno Hoospital

**S047 IS LAPAROSCOPIC REPAIR OF INCARCERATED ABDOMINAL HERNIAS SAFE?**

Ahmad Elnahas, MD, FRCSC, Song Hon H Kim, MD, FRCS, Allan Okrainec, MD, MHPE, FRCS, FACS; Fayezy Quereshy, MBA, MBA, FRCS, Timothy D Jackson, MD, MPH, FRRC, FACS; University Health Network, Department of Surgery, University of Toronto

**S048 MOBILE GASTROINTESTINAL AND ENDOSCOPIC SURGERY IN RURAL ECUADOR - 20 YEARS EXPERIENCE OF CINTERANDES**

Luciano Poggi, MD 1, Felix Camacho, MD 2, Omar Ibarra, MD 2, Gerardo Arredondo, MD 2, Margarita Villanueva, MD 2, Luis Poggi, MD 1; 1Oklahoma University Hospital, 2Clinica Anglo Americana

**S049 LAPAROSCOPIC SURGERY FOR INFLAMMATORY BOWEL DISEASE: A NATIONWIDE ANALYSIS OF TRENDS AND OUTCOMES**

Mark H Hanna, MD, Grace S Hwang, MD, Michael J Phelan, PhD, Alessio Vinci, MD, Joseph C Carmichael, MD, Alessio Pigazzi, MD, PhD, Michael J Stamos, MD, Steven Mills, MD; University Of California – Irvine, Dept of Surgery, University of Southern California, Dept of Surgery, Department of Statistics, University of California Irvine

**V070 LAPAROSCOPIC MANAGEMENT OF GIANT GASTRIC TRICHOBEZOAR: RAPUNZEL SYNDROME.**

Luciano Poggi, MD, Felix Camacho, MD, Omar Ibarra, MD, Gerardo Arredondo, MD, Margarita Villanueva, MD, Luis Poggi, MD; Oklahoma University Hospital, Clinica Anglo Americana

**S050 COMPARISON OF STANDARD-CO2 PRESSURE PNEUMOPERITONEUM INSUFFLATORS VERSUS AIRSEAL**

*In General Surgery*

Matthew T Major, BS; Daniel T McKenna, MD, Jennifer N Choi, MD, Don J Selzer, MD, MS; Indiana University School of Medicine

**V071 THORACOSCOPIC MANAGEMENT OF VOLVULUS OF THE GASTRIC CONDUIT FOLLOWING MINIMALLY INVASIVE IVOR-LEWIS ESOPHAGECTOMY**

Jeremy M Linson, MD, Bestoun Ahmed, MD, Ziad Awad, MD, FACS; UF COM Jacksonville, FL

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**Included in Registration SuperPass (Option A) or Registration Option C**
SS15 Concurrent Session: Robotics

Moderator: James Stephen Scott, MD; Co-Moderator: Antonio Bispo, MD

SS052 PUBLIC PERCEPTIONS ON ROBOTIC SURGERY, HOSPITALS WITH ROBOTS, AND SURGEONS THAT USE THEM  
Joshua A Boys, MD, Evan T Alicuben, MD, Michael J DeMeester, Stephanie G Worrell, MD, Daniel S Oh, MD, Jeffrey A Hagen, MD, Steven R DeMeester, MD; Keck Medical Center of USC

SS053 ROBOTIC APPROACHES MAY OFFER BENEFIT IN COLORECTAL PROCEDURES, MORE CONTROVERSIAL IN OTHER AREAS: A REVIEW OF 166,790 CASES  
Maria S Altieri, MD, Dana A Telem, MD, Jie Yang, PhD, Jiawen Zhu, Caitlin Halbert, DO, Mark Talamini, MD, Steven R DeMeester, MD; Keck Medical Center of USC

SS054 ROBOTIC VS. LAPAROSCOPIC RECTAL RESECTION FOR RECTAL ADENOCARCINOMA – A NATIONWIDE ANALYSIS OF SURGICAL OUTCOMES  
Pragatheeshwar Thirun, Emmanuel Gabriel, Steven J Nurkin; Roswell Park Cancer Institute

V072 RETROPERITONEAL ANATOMY AND RECTO-RECTAL DISSECTION OF A TAIL GUT CYST.  
Jamie Murphy, BChir, PhD, FACS, Ahmed Akl, MD, Johnny Yi, MD, Megan Billow, MD, Jacques P Heppell, MD, Tonia M Young-Fadok, MS, MD, Paul Magtibay, MD; St. Mark’s Hospital, Mayo Clinic

V055 ROBOTIC VERSUS LAPAROSCOPIC GASTRECTOMY FOR GASTRIC CANCER: COMPARISON OF SHORT-TERM SURGICAL OUTCOMES  
Weisong Shen, MD, Hongqing Xi, MD, Shibo Bian, MD, PhD, Lin Chen, MD, PhD; Chinese People’s Liberation Army General Hospital

V056 EVALUATING TACTILE FEEDBACK IN ROBOTIC SURGERY FOR POTENTIAL CLINICAL APPLICATION USING AN ANIMAL MODEL  
Erik Dutson, MD, Christopher Wottawa, PhD, Bryan Nowroozi, PhD, James Bisley, PhD, Steven Hart, MD, Omeed Paydar, MD, Warren Grundfest, MD; UCLA

SS16A Concurrent Session: Robotic Video Sessions – HPB & Bariatric

Moderator: Eric Terrill Volckmann, MD; Co-Moderator: Eugene P Ceppa, MD

V073 LAPAROSCOPIC CHOLEDOCHODUODENOSTOMY FOR BENIGN LOWER COMMON BILE DUCT STRICURE.  
Bestoun Ahmed, MD, Ziad Awad, MD, FACS, Michael Nussbaum, MD, FACS; University of Florida-Jacksonville

V074 ROBOTIC-ASSISTED COMMON BILE DUCT EXPLORATION  
Raquel G. Heredia, MD, PhD, Mario Masrur, MD, Melissa Murphey DNP, NP-C, Lisa Sanchez-Johnsen PhD, Enrique F Eili, MD, FACS; UIC

V075 TECHNICAL ASPECTS OF A SPLEEN PRESERVING DISTAL PANCREATECTOMY.  
Andrew R Brownlee, MD, Paresh Shah, MD, FACS; Lenox Hill Hospital, New York University

V076 COMPLETE ROBOTIC ASSISTED PANCREATEODUODENECTOMY.  
Ar genius Herrera, MD, Kirpal Singh, MD, Dixon Brenner, MD; Saint Vincent Hospital

V077 LAPAROSCOPIC SPLLEN-PRESERVING DISTAL PANCREATECTOMY: A VIDEO PRESENTATION  
Sopark Manasnayakorn, MSC, MD, PhD, Patpong Navicharoen, MD; Chulalongkorn University

V078 LAPAROSCOPIC END-TO-END REPAIR OF CBD INJURIES TYPE E2  
Metin Ertem, Professor, of, Surgery, MD, FACS, Emel Ozveri; Istanbul Uni. Cerrahpasa School of Medicine, Istanbul, Acibadem Kozyataji Hospital, Dept of Surgery, Istanbul

V079 LAPAROSCOPIC LATERAL Pancreatecjojnostomy and roux-en-y reconstruction for an obstructing pancreatic duct stone after open Whipple operation  
Fredrick Che, MD, Kelvin Higa, MD, Asraf Haddad, MD, Keith Boone, MD, Saber Ghiassi, MD; UCSF Fresno

V080 LAPAROSCOPIC ROUX-EN-Y Pancreaticejnostomy and stome retrieval for two symptomatic pseudocysts  
Abel E Bello, MD, Dennis Orr II, DO; Western Reserve Health Education

V081 LAPAROSCOPIC CHOLEDOCHOTOMY AND STONE RETRIEVAL  
Louise Yeung, MD, Edward H Phillips, MD, FACS, George Berci, MD, FACS, Kaymen M Barber; Cedars-Sinai Medical Center

V082 ROBOTIC AMPULLECTOMY: TECHNIQUE AND RESULTS  
Victor Maciel, MD; St. Vincent Hospital

V083 ROBOTIC-ASSISTED PLACEMENT OF A HEPATIC ARTERY INFUSION PUMP AND CATHETER FOR REGIONAL CHEMOTHERAPY  
James C Padussia, MD, David L Bartlett, MD, Melissa E Hogg, MD, Herbert J Zeh, MD, Amer H Zureikat, MD; University of Pittsburgh Medical Center

V084 LAPAROSCOPIC CHOLEDOCHODUODENOSTOMY IN PREVIOUS LAPAROSCOPIC COLECTOMY PATIENT WITH IMPACTED CBD STONE AND RECONSTRUCTION WITH END-TO-SIDE ANASTOMOSIS CHOLEDOCHODUODENOSTOMY  
Phrompirun Wattanawigoid, MD, Poschong Susat, MD, Petch Kasetsutawan, MD, Panot Yimcharoen, MD; Bhumibol adulyadej hospital

V085 A CHALLENGING CASE OF BOUVERET SYNDROME  
Ashwini Kumar, MD, Robert J Bowles, MD, Jose M Martinez, MD, Alberto R Iglesias, MD; University of Miami
Debate: Presidential Debates
Chair: Christopher Schlachta, MD; Co-Chair: Jo Buyske, MD

SESSION DESCRIPTION
For all SAGES members, the SAGES Presidential Debates are simultaneously serious and hilarious. In this year’s debates, the audience will choose from topics that represent major challenges facing surgeons and the healthcare system. SAGES leaders will practically and philosophically address their assigned viewpoint, with no advance preparation!

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Evaluate challenges facing healthcare quality in 2015 and the near future
- Recognize the impact that technology is having on the delivery of healthcare
- Assess strategies for embracing and mitigating these challenges from the standpoint of experienced surgical leadership

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>11:30AM</td>
<td>Session Overview and Rules of Order and Decorum</td>
<td>Christopher Schlachta, MD</td>
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</table>
| 11:35AM  | Debate #1: Quality in Healthcare
          | Audience vote on debate topic (to be revealed at session) and sides. Pre-debate vote.                | Christopher Schlachta, MD |
| 11:40AM  | Debate #1: Quality in Healthcare
          | 6 minutes each for opening arguments
          | 3 minutes each for rebuttal
          | Gerry Fried, MD (2014) vs. Steve Schwartzberg, MD (2012)                                           | Christopher Schlachta, MD |
| 11:58AM  | Debate #1: Quality in Healthcare
          | Post-debate vote                                                                                  | Christopher Schlachta, MD |
| 12:00PM  | Debate #2: Technology in Healthcare
          | Audience vote on debate topic (to be revealed at session) and sides. Pre-debate vote.               | Jo Buyske, MD           |
| 12:05PM  | Debate #2: Technology in Healthcare
          | 6 minutes each for opening arguments
          | 3 minutes each for rebuttal
          | W. Scott Melvin, MD (2013) vs. Nathaniel Soper, MD (2001)                                         | Jo Buyske, MD           |
| 12:23PM  | Debate #2: Technology in Healthcare
          | Post-debate vote                                                                                  | Jo Buyske, MD           |
| 12:25PM  | Session adjournment                                                                               | Jo Buyske, MD           |

LEARNING THEMES

| PE | Professional/Economic |
| NS | New technologies/Skill acquisition |

GUIDELINES:
- SAGES Statement on the relationship between Professional Medical Associations and Industry (Feb 2010)

SAGES acknowledges an educational grant in support of this debate from Stryker Endoscopy.
Military Surgical Symposium
Chair: LTC(P) Robert Lim, MD; Co-Chair: Gordon Wisbach, MD
Note: This is not an official Department of Defense event.

SESSION DESCRIPTION
The intent of this conference is to provide a forum for the presentation and discussion of current and ongoing military and military-relevant research, as well as educational topics of relevance to the military surgical community. Both civilian and military experts from various fields will present their ideas and lessons on surgical care in order to foster the continued interaction and exchange of ideas between the civilian and military medical communities.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify and address specific care issues related to combat surgical care and improve patient survival rates.
• Recognize the specific care issues related to austere environment surgical care.
• Integrate surgical advancements learned from the battlefield surgical care into garrison practice and improve patient safety.

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<tr>
<td>11:30AM</td>
<td>Trauma/Critical Care Session 2</td>
<td>COL Matthew Martin, MD</td>
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<td>CAPT Thomas Nelson, MD</td>
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<td>COL Richard Strilka, MD</td>
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<td>12:00PM</td>
<td>RADM Ben Eiseman, MD Lecture</td>
<td>CAPT (ret) Peter Rhee, MD</td>
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<tr>
<td>12:20PM</td>
<td>Award Ceremony</td>
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TRAUMA/CRITICAL CARE PRESENTATIONS

COMBAT ASSOCIATED PANCREATIC INJURIES: 2002-2011  Michael Clemens, MD, Thomas Mitchell, MD, Timothy Vreeland, MD, Christopher White, Lorne Blackbourne; San Antonio Military Medical Center

CONCORDANCE BETWEEN POINT OF INJURY REPORTS AND FINDINGS ON ARRIVAL AT A FORWARD SURGICAL ELEMENT IN AFGHANISTAN  Timothy P Plackett, DO, Jamison S Nielsen, DO, MBA, Christina D Hahn, MD, Jay Rames, MD; Loyola University Medical Center, Oregon Health Sciences University, Landstuhl Regional Medical Center, Brooke Army Medical Center

Free Grab & Greet Lunch in the Exhibit Hall for All Attendees
Friday, April 17, 2015

Chair: Daniel Scott, MD; Co-Chair: Rebecca Minter, MD

SESSION DESCRIPTION
The luncheon is dedicated to fellowship program directors and surgical educators who are interested in learning more about evolving discussions regarding advanced surgical education. There is rising interest to explore new models for surgical residency training, with consideration of an integrated pathway to obtain core surgical training over a four year period followed by two additional years of specialty training. The Fellowship Council has grown considerably since its inception in 1997; the latest Fellowship Council match included 236 applicants for 174 positions at 139 programs. Standards and curricula have been developed for these fellowships, which may play a role in future advanced surgical training models. During this session, recognized experts in surgical education will lead a discussion regarding their vision of what this future training paradigm may look like, and how existing fellowships would be potentially integrated.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe the current state and associated gaps in General Surgery training
• Articulate an alternate model of General Surgery residency training which will allow for integration of fellowships in the final years of residency training
• Delineate the hurdles to making this paradigm shift in training, and discuss strategies for addressing these challenges to implementation

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<tr>
<td>12:45PM</td>
<td>Introduction</td>
<td>Daniel Scott, MD</td>
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<tr>
<td>12:50PM</td>
<td>Creating Specialization Tracks during Residency</td>
<td>Mary Klingensmith, MD</td>
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<tr>
<td>1:00PM</td>
<td>4 + 2 Model for General Surgery Training: the ABS Perspective</td>
<td>Jo Buyske, MD</td>
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<tr>
<td>1:20PM</td>
<td>A Blueprint for Integration: A Fellowship Council Perspective</td>
<td>Lee Swanstrom, MD</td>
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<tr>
<td>1:25PM</td>
<td>Moderated Discussion</td>
<td>Moderator: Rebecca Minter, MD</td>
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LEARNING THEMES

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<tr>
<th>AE</th>
<th>Academic/Educational</th>
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GUIDELINES:
• SAGES Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques (July 2010)

1:45PM - 4:00PM

SS16B Concurrent Session: Exhibit Hall Video Presentations – HPB & Bariatric

SAGES does not offer CME for this session

Moderator: James Padussis, MD; Co-Moderators: David Sindram, MD, PhD & Bipan Chand, MD

V086 LAPAROSCOPIC SLEEVE GASTRECTOMY FOR MORBID OBESITY AND MULTIPLE GISTS - THE RENDEZVOUS TECHNIQUE Sharon Shiraqa, MD, Joerg Zehetner, MD, Nicolai Bildzukiewicz, MD, Kulmeet Sandhu, MD, Peter Crookes, MD, John Lipham, MD, Namir Kakhouda, MD; USC

V087 LAPAROSCOPIC REVISION OF JEJUNO-JEJUNOSTOMY FOR RECURRENT INTUSSUSCEPTION AFTER ROUX-EN-Y GASTRIC BYPASS. Yulia Zak, MD, Denise W Gee, MD; Massachusetts General Hospital

V088 ENDOSCOPIC SLEEVE GASTROPLASTY IN THE SUPER SUPER OBSE Cici Zhang, MD, Gregory Haber, MD, Julio Teixiera, MD; Lenox Hill Hospital

V089 LAPAROSCOPIC ROUX-EN-Y FISTULO-JEJUNOSTOMY (RFJ) FOR POST SLEEVE GASTRECTOMY FISTULA Salman K Al-Sabah, MD, MBA, FRCS, FACS; Elie Chouillard, PhD, MD; 1Al-Amiri Hospital Kuwait, 2Poissy-Saint-Germain-En-Laye Medical Center

V090 LAPAROSCOPIC ESOPHAGEAL DIVERTICULUM REPAIR AFTER FAILED NON-OPERATIVE TREATMENT OF A STRICTURED GASTRIC BYPASS Brian Mitzman, MD, Andrew Brownlee, MD, Mitchell Roslin, MD; NSLU/Lenox Hill Hospital

V091 LAPAROSCOPIC REPAIR OF PETERSEN’S DEFECT FOR ACUTE BOWEL OBSTRUCTION WITH CHYOULYS ASCITES Jennifer Kaplan, MD, Barbara Hamilton, MD, Samuel Schecter, MD, Matthew Lin, MD, Stanley Rogers, MD, Jonathan Carter, MD; University of California - San Francisco

V092 ROBOT ASSISTED DUODENAL SWITCH IN A MORBIDLY OBSE Patient with intestinal Malrotation Vivek Bindal, MS, FNB; Ranjan Sudan, MD, FACS; Duke University Medical Center

V093 AN UNUSUAL CASE OF EARLY DYSPHAGIA POST GASTRIC BYPASS (DIAGNOSIS AND TREATMENT) Edward L Felix, MD, David Maccabee, MD, Carrie Smith, RN, MSN; Marian Regional Medical Center

V094 INTESTINAL MALFORMATION INCIDENTALLY FOUND DURING GASTRIC BYPASS Alejandro Grigaites, MD, Veronica Gorodner, MD; Gaston Clemente, MD, Rudolf Buxhoeveden, MD; Programa de Unidades Bariatricas

V095 A LAPAROSCOPIC ROUX-EN-Y AFTER A HEPATICOJEJUNOSTOMY: Jason Latowsky, MD, Roger de la Torre, MD, Mark Perna, MD, Emily Cole, Medical, Student; University of Missouri Columbia

V096 SYSTEMATIC APPROACH TO INTERNAL HERNIA IDENTIFICATION AND REDUCTION IN A PATIENT WITH A BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH Maria S Altiere, MD, Aurora Pryor, MD, Pamela Kim, MD, Dana A Telem, MD; Stony Brook University Hospital

V097 LAPAROSCOPIC SLEEVE GASTRECTOMY IN A PATIENT WITH HETEROTAXY SYNDROME Selma M Siddiqui, MD, Rami E Lutfi, MD; St. Joseph Hospital

V098 LAPAROSCOPIC GASTRIC BYPASS IN PATIENT WITH INTESTINAL NONROTATION Marc A Ward, MD, Vivek N Prachand, MD; University of Chicago Medicine
SS16 Concurrent Session: Education/ Simulation
Moderator: Peter W. Marcello, MD; Co-Moderator: Alan J. Herline, MD

**S057 DOES LAPAROSCOPY DECREASE POSTOPERATIVE COMPLICATIONS FOR OBSE Patients undergoing RECTAL SURGERY?**
Gabriela M Vargas, MD, MS*, Eric P Sieloff, BSc*, Abhishek D Parmar, MD, MS*, Nina P Tamirisa, MD*, Taylor S Riall, MD, PhD*; *LSU Health Shreveport and University of Texas Medical Branch, †University of Texas Medical Branch, ‡University of Texas Medical Branch and UCSF-East Bay

**S058 LAPAROSCOPIC RIGHT HEMICOLECTOMY: SHORT AND LONG TERM OUTCOMES OF INTRACORPOREAL VERSUS EXTRACORPOREAL ANASTOMOSIS**
Mark H Hanna, MD, †Grace S Hwang, MD, ‡Michael J Phelan, PhD, §Thanh-Lan Bui, BS*, ‡Joseph C Carmichael, MD, †Steven D Mills, MD, †Michael J Stamos, MD, ‡Alessio Pigazzi, MD, PhD; †University of California – Irvine, Dept of Surgery, ‡University of Southern California, Dept of Surgery, †University Of California – Irvine, Dept of Statistics

**S059 CHARACTERISTICS AND PROGNOSIS OF COLORECTAL CANCER IN PATIENTS UNDER 35 YEARS OF AGE**
Li Ying Zhao, MD, Feng Bao, MD, Hao Liu, MD, PhD, Tian Lin, Jun Yan, MD, PhD, Guo-Xin Li, MD, PhD; General surgery

**S060 TRANSPORT ENDOSCOPIC SURGERY WITH PERITONEAL ENTRY: A WORD OF CAUTION**
George Molina, MD, Lilianna Bordeianou, MD, Paul Shellito, MD, Patricia Sylla, MD; Massachusetts General Hospital

**S051 MAJOR ELECTIVE LAPAROSCOPIC COLORECTAL RESECTIONS CAN BE PERFORMED IN 80 TO 90 YEAR-OLD PATIENTS WITH LOW MORTALITY AT ONE YEAR: AN EXPERIENCE WITH 179 PATIENTS**
Nicolás Lopez-Acevedo, MD, Matthew N Johnson, BA, Austin D Williams, MD, Jessica R Pochedly, MD, Joseph L Frenkel, MD, John H Marks, MD; Lankenau Medical Center

**V099 POTENTIAL SITE OF AUTONOMIC NERVE INJURY DURING LAPAROSCOPIC TOTAL MESORECTAL EXCISION. A VIDEO DEMONSTRATION FOCUSING ON LOCATION OF NERVE RELATED TO SURGICAL EXPOSURE.**
Siripong Cheewatanakornkul, MD; UCSF

**S062 SIX-MINUTE WALK TEST (6MW) AS A MEASURE OF POSTOPERATIVE RECOVERY AFTER COLORECTAL RESECTION FOR CANCER: FURTHER EXAMINATION OF ITS MEASUREMENT PROPERTIES.**
Nicolò Pecorelli, MD, †Juliò F Fiore Jr., MSc, PhD, †Benjamin Mappin-Kasirer*, Petru Niculiseanu, MD*, Chelsia Gillis, RD, MSc*, Rashami Aswathi, BSc*, Gerald M Fried, MD, †Franco Carli, MD, MPH*, Liiane S Feldman, MD; †Steinberg-Bernstein Centre for Minimally Invasive Surgery, McGill University Health Centre, Montreal, ‡Department of Anesthesia, McGill University Health Centre, Montreal

**S063 PHOSPHODIESTERASE-5 INHIBITORS AND VACUUM ERECTION DEVICE FOR PENILE REHABILITATION AFTER LAPAROSCOPIC NERVE-PRESERVING RADICAL PROCTECTOMY FOR RECTAL CANCER: A PROSPECTIVE, NONRANDOMIZED, CONTROLLED TRIAL IN A SINGLE CHINESE CENTER**
Haijun Deng, PhD, MD, †Hao Liu, PhD, MD, MD, ‡Xiaoliang Lan, MD, †Jinhua Mo*, †Xianming Mao, PhD, MD, ‡Guoxin Li, PhD, MD; †Department of General Surgery, Nanfang Hospital, Southern Medical University, ‡Department of Urology Surgery, Peking University Shenzhen Hospital

**S064 COLONOSCOPY QUALITY METRICS - A PERFORMANCE REVIEW OF COLORECTAL SURGEONS**
Jacquelyn M Charbel, DO, Kevin C Long, MD, Amir L Bastawrous, MD, Rodney Kratz, MD, Darren Pollock, MD, Raman Menon, MD, Melinda Hawkins, MD, Daniel Froese, MD; Swedish Hospital

**S066 REMOTE FLS TESTING: READY FOR PRIME TIME**
Allan Okrainec, MD, †Grace S Hwang, MD, ‡Thinh-Lan Bui, BS*, ‡Joseph C Carmichael, MD, †Steven D Mills, MD, ‡Michael J Stamos, MD, ‡Alessio Pigazzi, MD, PhD; †University Of California – Irvine, Dept of Surgery, ‡University Of California – Irvine, Dept of Statistics

**S065 SURGEONS HAVE KNOWLEDGE GAPS IN THE SAFE USE OF ENERGY DEVICES: A MULTICENTER CROSS-SECTIONAL STUDY**
Yusuke Watanabe, MD, †Yo Kurashima, MD, ‡Amin Madani, MD, †Liane S Feldman, MD, ‡Minoru Ishida, CCE, †Akihiko Oshita, MD, ‡Takehsi Naitoh, MD, ‡Kazuhiro Noma, MD, ‡Keigo Yasumasa, MD, †Hirotoshi Nagata, MD, †Fumitaka Nakamura, MD, †Koichi Ono, MD, ‡Toshimi Tsuchiya, ‡Yoichi Hirano, MD, †Kokukaido University, ‡McGill University, †KFR-Tonan Hospital, ‡JA Hiroshima General Hospital, †Tokoh University, ‡Okayama University, †CHU Osaka Hospital, †Kameta Memorial Center, †Teine Keijinkai Hospital, ‡Ohbiro Kosei General Hospital

**S069 VALIDITY EVIDENCE FOR NOVEL ADVANCED LAPAROSCOPIC SUTURING TASKS**
Yusuke Watanabe, MD, †Katherine M McKendy, MD, †Elif Bilgic, Ghada Enani, MBBS, ‡Amin Madani, MD, ‡Amami Munshi, MD, †Liane S Feldman, MD, †Gerald M Fried, MD, ‡Melina C Vassiliou, MD; †Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University

**S070 NEW SKILL EVALUATION SYSTEM BASED ON HAND MOTIONS DURING THE PERFORMANCE OF LAPAROSCOPIC SURGERY**
Munenori Uemura, PhD, †Morimasa Tomikawa, PhD, MD, FACS, ‡Tiejun Miao, PhD, †Tomohiko Akahoshi, MD, PhD, ‡Satoshi Ieiri, MD, PhD, ‡Makoto Hashizume, MD, PhD, FACS; †Department of Advanced Medical Initiatives, Graduate School of Medical Sciences, Kyushu University, ‡TAO Institute, Tokyo, Japan

**S071 VALIDITY EVIDENCE FOR THE FUNDAMENTALS OF LAPAROSCOPIC SURGERY (FLS) PROGRAM AS AN ASSESSMENT TOOL: A SYSTEMATIC REVIEW**
Benjamin Zendejas, MD, MSc, Raaj K Ruparel, MD, Juliane Bingener, MD, David A Cook, MD, MHPE; Mayo Clinic

**S072 TRAINING IMPROVES LAPAROSCOPIC TASKS PERFORMANCE AND DECREASES OPERATOR WORKLOAD AS MEASURED USING THE NASA-TLX SCORE**
Jesse Hu, FRCS, MRCS, MBBS, Jirong Lu, MRCS, MBBS, Wee Boon Tan, FRCS, MRCS, MBBS, Davide Lomanto, MD, Rome, PhD, Rome, FAMS, General, Sur; NUHS

**S073 FUNDAMENTAL USE OF SURGICAL ENERGY (FUSE) CERTIFICATION: VALIDATION AND PREDICTORS OF SUCCESS**
Thomas N Robinson1, J Olszak2, P Young1, L S Feldman3, P R Fuchshuber2, S B Jones4, A Madani5, Michael Bruntt5, D Mikami5, G P Jackson8, J Mischna9, S Schwartzberg10, Daniel B Jones10; †University of Colorado, ‡Harvard University, †Kryterion, Inc., ‡McGill University, ‡Kaiser Permanente, †Washington University, †Ohio State University, ‡Vanderbilt University, ‡SAGES
Friday, April 17, 2015

2:00PM - 3:30PM

SS19 Concurrent Session: Foregut

Moderator: Desmond H. Birkett, MD; Co-Moderator: Karl H. Fuchs, MD

S074 A MULTI-CENTER STUDY OF USING CARBON NANOPARTICLES TO SHOW SENTINEL LYMPH NODES IN EARLY GASTRIC CANCER

Jun Yan1, Xiaoling Zheng1, Fangqin Xue1, Yu Zheng2, Jiang Yu1, Feng Chen1, Hong Shi1, Gang Chen1, Jianping Lu1, Lisheng Cai1, Mingzhi Cai2, Gao Xiang3, Zhenwei Deng4, Guoxin Li5; 1Department of General Surgery, Nanfang Hospital, Southern Medical University, Guangzhou, Guangdong, 2Department of Surgery, Fujian Provincial Hospital, Teaching Hospital of Fujian Medical University, 3Department of Surgery, Fujian Provincial Tumor Hospital, Teaching Hospital of Fujian Medical University, 4Department of Pathology, Fujian Provincial Tumor Hospital, Teaching Hospital of Fujian Medical University, 5Department of Surgery, Nanfang Hospital, Teaching Hospital of Fujian Medical University

S075 LAPAROSCOPIC PYLOROPLASTY IS A SAFE AND EFFECTIVE FIRST LINE SURGICAL TREATMENT FOR REFRACTORY GASTROPARESIS

Amber L Shada1, Radu Pescarus2, Christy M Dunst3, Maria A Cassera4, Emily Speer5, Kevin M Reavis6, Lee L Swanstrom7, Avalanche Portland Medical Center, 8Universite de Montreal; Sacre Coeur Hospital, 9The Oregon Clinic

S076 THE USE OF CRURAL RELAXING INCISIONS WITH BIOLOGIC MESH REINFORCEMENT DURING LAPAROSCOPIC REPAIR OF COMPLEX HIATAL HERNIAS

Oscar M Crespin, MD, Robert B Yates, MD, Ana V Martin, MD, Carlos A Pellegrini, MD, Brant K Oelschlager, MD, University of Washington

V100 LAPAROSCOPIC TOUPET FUNDOPLICATION FOR GERD AFTER POEM.

Yulia Zak1, Ozanan R Meireles, David W Rattner, David W Rattner, MD, Massachusetts General Hospital

S077 HELLER MYOTOMY WITH ESOPHAGEAL DIVERCTOMY: AN OPERATION IN NEED OF IMPROVEMENT

Sharona B Ross1, Prashant Sukharamwala2, Andrew Boland3, Carrie E Ryan4, Frank De Stefano5, Alexander S Rosemurgy6, MD; Florida Hospital Tampa

S078 PRIOR TREATMENT DOES NOT INFLUENCE THE PERFORMANCE OR EARLY OUTCOMES OF PER ORAL ENDOSCOPIC MYOTOMY FOR ACHALASIA

Edward L Jones7, Michael P Meara8, Matthew R Pittman9, Jeffrey W Hazey10, Kyle A Perry11, The Ohio State University

S079 THE EFFECT OF INCREMENTAL DISTAL GASTRIC MYOTOMY LENGTHS ON INTRAOPERATIVE EGJ DISTENSIBILITY DURING POEM FOR ACHALASIA

Ezra N Teitelbaum1, Joel M Sternbach1, Rym El Khoury2, Nathaniel J Soper1, John E Pandolfino1, Peter J Kahrilas2, Zhiyue Lin3, Eric S Hungness4, Northwestern University

S080 ELECTRICAL STIMULATION THERAPY (EST) OF THE LOWER ESOPHAGEAL SPHINCTER (LES) IS SUCCESSFUL IN TREATING GERD – LONG-TERM 3 YEAR RESULTS

Leonardo Rodriguez1, Patricia Rodriguez2, Beatriz Gomez1, Juan Ayala1, Daniel Ostenberg2, Alberto Perez-Castilla3, Manoel Netto3, Edy Sofer4, Michael Crowell2, 5Surgery, CCO Obesidad Y Diabetes, Santiago, Chile, 6Gastroenterology, Clinic Indisa, Santiago, Chile, 7Surgery, Gastro Obeso Center, Sao Paulo, Brazil, 8University of Southern California, Los Angeles, CA, 9Mayo Clinic in Arizona, Scottsdale, AZ

S081 MORBIDITY AND MORTALITY AFTER LAPAROSCOPY-ASSISTED AND OPEN DISTAL GASTRECTOMY FOR STAGE I GASTRIC CANCER: RESULTS FROM A MULTICENTER RANDOMISED CONTROLLED TRIAL (KLAASS-01)

Wook Kim1, Hyung-Ho Kim1, Sang-Uk Han2, Mi-Chan Kim1, Woen-Hyung3, Seung Won Ryu4, Gyu Seok Cho5, Chan Young Kim6, Han-Kwang Yang7, Do Joong Park8, Kyo Young Song9, Sang II Lee10, Seung Yub Ryu11, Joo-Ho Lee12, Dong Jin Kim13, Hyuk-Joon Lee14; 1Department of Surgery, Yonsei St. Mary’s Hospital, The Catholic University of Korea, 2Department of Surgery, Seoul National University Bundang Hospital, 3Department of Surgery, Ajou University School of Medicine, 4Dong-A University College of Medicine, Busan, 5Department of Surgery, Yonsei University College of Medicine, 6Department of Surgery, Keimyung University School of Medicine, 7Department of Surgery, Sureonchunhyang University Bucheon Hospital, 8Department of Surgery, Chonbuk National University, 9Department of Surgery and Cancer Research Institute, Seoul National University College of Medicine, 10Department of Surgery, Seoul St. Mary’s Hospital, 11Department of Surgery, Chungnam National University Hospital, 12Department of Surgery, Chonnam National University Medical School, 13Department of Surgery, Ewha Womans University Mokdong Hospital

The entire 2015 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 at cme.sages.org (You will be asked to enter your SAGES 2015 Badge ID)
Friday, April 17, 2015

SS20 Concurrent Session: Obesity/ Sleeve

Moderator: William O. Richards, MD; Co-Moderator: Timothy M. Farrell, MD

S082 27 VS 39 FR BOUGIE CALIBRATION IN LAPAROSCOPIC SLEEVE GASTRECTOMY: A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL. Patricio Cal, MD, Tomás Jakob, Luciano Deluca, Ezequiel Fernandez; CRQO

S084 INTRAOPERATIVE LEAK TESTING HAS NO CORRELATION WITH LEAK AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY. Monica Sethi, MD, Jonathan Zaggag, MD, Karon Patel, BA, Melissa Magrath, BA, Manish S Parikh, MD, John K Saunders, MD, Akuezunkpa O Ude- Welcome, MD, Bradley F Schwack, MD, Marina S Kurian, MD, George A Fielding, MD, Christine J Ren-Fielding, MD; New York University School of Medicine

S085 ENDOSCOPIC REVISION OF GASTRIC BYPASS: HOLY GRAIL OR EPIC FAIL? Alberto S Gallo, MD, Martin A Berducci, MD, Christopher Ducoin, MD, Hans Fuchs, MD, Moneer Almadani, MD, Ryan C Broderick, MD, Cristina Harnsberger, MD, Bryan J Sandler, MD, Santiago Horgan, MD, Garth R Jacobsen, MD; Minimally Invasive Surgery Department. University of California San Diego

V101 REVISIONAL BARIATIC SURGERY FOR A WEIGHT LOSS FAILURE AFTER A POSE PROCEDURE. Jordi Pujol Gebelli, MD, PhD1, Amador Garcia Ruiz de Gordejuela1, Manoel P Galvao Neto, MD, PhD2, Carles Masdevall Noguera, MD, PhD2, Anna Casajoana Badia, MD, PhD2, Almino C Ramos, MD2; 1Hospital Universitari de Bellvitge, 2Gastro Obeso Centre, 3Clinica Diagonal. Barcelona

S086 ROUX-EN-Y FISTULO-JEJUNOSTOMY AS A SALVAGE PROCEDURE IN PATIENTS WITH POST-SLEEVE GASTRECTOMY FISTULA MID TERM RESULTS. Elie K Chouillard, MD, PhD1, Salman Al Sabah, MD, MD, Antoine Younan, MD, Georges Khoury, MD, René Louis Vitte, MD; 1Paris Poissy Medical Center, 2Amiri Hospital, Kuwait City, 3Bellevue Medical Center, Beirut, 4Rizk Hospital, Beirut

S087 SINGLE-STAGE REVISION FROM GASTRIC BAND TO GASTRIC BYPASS OR SLEEVE GASTRECTOMY: SIX-MONTH AND TWELVE-MONTH OUTCOMES. Louise Yeung, MD1, Brandice Durkan, MD, Allison Barrett, MD2, Scott Cunneen, MD, FACS1, Edward Phillips, MD, FACS1, Miguel Burch, MD, FACS1, Cedars-Sinai Medical Center, 2Long Island Jewish Medical Center

S088 1020 GASTRIC SLEEVE: A SINGLE CENTER EXPERIENCE. Emanuela Silva Alvarenga, MD, Konstantinos Alfaras-Melainis, MD, Katia Rodriguez, MD, Esteban Ivanoff, MD, , Sean Johnson, MD, Emanuelle Lo Menzo, MD, FACS, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

S089 ENDOLUMINAL ANATOMY OF THE GASTRIC SLEEVE: ARE WE ALL CREATED EQUAL? Abel E Bello, MD, Leena Khaitan, MD; University Hospitals Case Surgery
Panel: Acute Care Session – Maximizing Patient Care in Emergency General Surgery (joint with AAST)
Chair: Gregory Dakin, MD; Co-Chair: Jonathan Dort, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Describe current management of common general surgery emergencies and apply minimally invasive techniques when appropriate in their own practice
• Recognize the indications for minimally invasive approaches in sick patients
• Apply surgical tips and tricks for difficult situations in the operating room for common general surgery emergencies

ACTIVITY OUTLINE

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<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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<tbody>
<tr>
<td>2:00PM</td>
<td>Physiologic Effects Of Pneumoperitoneum: Implications Of Laparoscopy In Sick Patients</td>
<td>Kosar Khwaja, MD</td>
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<tr>
<td>2:10PM</td>
<td>Bariatric Emergencies: What The Acute Care Surgeon Must Know</td>
<td>Gregory Dakin, MD</td>
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<tr>
<td>2:20PM</td>
<td>Laparoscopic Management Of Acute Intestinal Perforations</td>
<td>Christopher Michetti, MD</td>
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<td>2:30PM</td>
<td>Laparoscopic Approach To Small Bowel Obstruction</td>
<td>Jonathan Dort, MD</td>
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<td>2:40PM</td>
<td>Incarcerated Hernias: Use Of Mesh In The Acute Setting</td>
<td>Brian Jacob, MD</td>
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<td>2:50PM</td>
<td>Laparoscopy In The Acute Care Setting During Pregnancy</td>
<td>Jonathan Pearl, MD</td>
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<tr>
<td>3:00PM</td>
<td>Cavitary Endoscopy In Trauma</td>
<td>R Stephen Smith, MD</td>
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<tr>
<td>3:10PM</td>
<td>Panel Discussion</td>
<td>All speakers</td>
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LEARNING THEMES
- B = Bariatrics
- C = Colorectal
- HR = Hernia
- FOR = Foregut

GUIDELINES:
• Guidelines for Diagnostic Laparoscopy (November 2007)
• Guidelines for Diagnosis, Treatment, and Use of Laparoscopy for Surgical Problems during Pregnancy (April 2011)
• Guidelines for Laparoscopic Appendectomy (April 2009)
Friday, April 17, 2015

**Symposium: SAGES SMART™ Program**

**Chair: Liane Feldman, MD; Co-Chair: Thomas Aloia, MD**

**SESSION DESCRIPTION**
This session is for physicians, surgeons, and midlevel providers and is aimed to introduce the concept of enhanced recovery and prehabilitation and to update the audience on the current state of the art in these arenas.

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

- Identify the components of enhanced recovery and prehabilitation
- Prepare an implementation strategy for ER and PH in their home environment
- Evaluate peer reviewed literature regarding outcomes related to ER and PH programs

**ACTIVITY OUTLINE**

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<tr>
<th>Time</th>
<th>Presentation Title</th>
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<tr>
<td>2:00PM</td>
<td>What's SMART™ Surgery?</td>
<td>Liane Feldman, MD</td>
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<td>2:10PM</td>
<td>Enhanced Recovery Programs for MIS Surgery</td>
<td>Thomas Aloia, MD</td>
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<tr>
<td>2:25PM</td>
<td>Prehabilitation: Training Patients For Surgery</td>
<td>Thomas Robinson, MD</td>
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<tr>
<td>2:40PM</td>
<td>Prevention Of Readmission After Early Discharge</td>
<td>Conor Delaney, MD, PhD</td>
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<tr>
<td>2:55PM</td>
<td>Measuring Our Outcomes: What's Important And To Whom?</td>
<td>Anne Lidor, MD, MPH</td>
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<tr>
<td>3:10PM</td>
<td>Q&amp;A</td>
<td>All Speakers</td>
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**LEARNING THEMES**
- HPB HPB
- B Bariatrics
- C Colorectal
- AE Academic/Educational
- NS New technologies/Skill acquisition

**GUIDELINES:**
- Guidelines for Laparoscopic Resection of Curable Colon and Rectal Cancer (February 2012)

*SAGES acknowledges an educational grant in support of this symposium from Covidien.*

3:30PM - 4:00PM

**Refreshment Break / Happy ½ Hour in Exhibit Hall**

Last chance to visit exhibits, posters & Learning Center
Session: Emerging Technology

Chair: J. Stephen Scott, MD; Co-Chair: Daniel Scott, MD

SAGES does not offer CME for this session

SESSION DESCRIPTION

Once again SAGES, as part of the SAGES Technology Initiative, will present the Emerging Technology Session. Surgeons, physicians, scientists from academic centers as well as industry are invited to submit abstracts for consideration. Submissions that reflect “late breaking,” “cutting-edge” or novel information are greatly encouraged. Submission of preliminary results for new technologies is encouraged as well.

ET001 CONVERGENT ABLATION USING A LAPAROSCOPIC TECHNIQUE FOR THE TREATMENT OF ATRIAL FIBRILLATION Adam M. Kingstom, MD; Bruce G Hook, MD, Torin P Fitton, MD; Lahey Hospital and Medical Center

ET002 REAL-TIME OPTICAL DIAGNOSIS FOR GASTRIC CANCER WITH SEROSAL INVASION USING MULTIPHOTON IMAGING Jun Yan, MD; Yu Zheng, MD; Xiaoling Zheng, MD; Fangqin Xue, MD; Gang Chen, MD; Jianping Lu, MD; Guoxin Li, MD; Department of General Surgery, Nanfang Hospital, Southern Medical University, Department of Surgery, Fujian Provincial Hospital, Department of Pathology, Fujian Provincial Tumor Hospital

ET003 POIN TING THE WAY FORWARD: WEARABLE TECHNOLOGY AND POINT OF CARE ULTRASOUND Jacob Glaser, MD; Matthew Vasquez, MD; Cassandra Cardarelli, MD; Sarah Murthi, MD; University Of Maryland, Walter Reed national Military Medical Center

ET004 HIGH INTENSITY FOCUSED ULTRASOUND (HIFU) FOR SUBMUCOSAL GASTROINTESTINAL TISSUE ABLATION. PROOF OF THE CONCEPT IN THE PORCINE MODEL. Michele Diana, MD, Bernard Dallermagne, MD; Yu-Yin Liu, MD; Veronique Lindner, MD, PhD; Jacques Marescval, MD, FACS, HonFRCS, HonFJSES, HonAPSA; Institute for Image-Guided Surgery (HU-Strasbourg), Research Institute against Cancer of the Digestive System (IRCAD), Pathology Department, University Hospital of Strasbourg, France

ET005 HUMAN EXTENSIONS ELECTROMECHANICAL HAND-HELD DEVICE: FIRST HUMAN TRIALS. Amir Szold, MD; Assia Medical Group, Tel Aviv, Israel

ET006 PHASE II CLINICAL EXPERIENCE AND LONG-TERM FOLLOW-UP USING THE NEXT GENERATION SINGLE INCISION PLATFORM FMX314 Martin Berdien, MD; Pablo Omealczuk, MD; Hans Fuchs, MD; Ryan C Broderick, MD; Cristina R Harnsberger, MD; Joshua Langert, MD; Jorge Nea, MD; Pablo Jaureguiberry, MD; Pablo Gomez, MD; Laura Miranda, MD; Garth R Jacobsen, MD; Bryan J Sandler, MD; Santiago Horgan, MD; Hospital Italiano de Mendoza, Av. Lateral Acceso Este 1070- San Jose, Guaymallen-Mendoza, Argentina, Center for the Future of Surgery, University of California, San Diego

ET007 A NOVEL MAGNETIC ACTUATED WIRELESS CAPSULE ROBOT FOR SINGLE INCISION LAPAROSCOPIC SURGERY Xiaolong Liu, Gregory Mancini, MD; Jindong Tan, PhD; University of Tennessee, Department of Biomedical Engineering, University of Tennessee, Graduate School of Medicine

ET008 NEW METHOD FOR EVALUATING CONSTRIC TIONS IN LAPAROSCOPIC SLEEVE GASTRECTOMIES USED TO STUDY NOVEL BOUGIE DEVICE Matthew S Eschbach, Kristen Langlois, Chris Meehan, Elizabeth Contini, Marisha L Godek, PhD, Andrew Miesse, Dwight G Bronson, MD; Covidien

ET009 AN INNOVATIVE MAGNETIC SURGICAL DEVICE: RESULTS FROM A 20 PATIENT CLINICAL TRIAL I Robles, MD; F Riquelme, MD; M Vivanco, MD; M Uribe, MD; H Rivas, MD; Hospital Salvador, Hospital Luis Tsine, Hospital Padre Hurtado, Stanford Hospital & Clinics, Stanford University

ET010 USE OF A LOW-COST TELEMENTORING SOLUTION FOR THE INTRODUCTION OF A NEW SURGICAL PROCEDURE; PRELIMINARY RESULTS Em Bogen, MD, PF Gjessing, MD, PhD, Ne Bruns, MD, PhD, Li Warth, MD, Hr Patel, MD, PhD, FRCSC, LIndsetmo, MD, PhD, MIPH, Ta Ponsky, MD; Department of Digestive Surgery, University of Northern Norway, Troms, Norway, Department of Pediatric Surgery, Akron Children's Hospital Akron, Ohio, USA, Norwegian Center for Telemedicine and Integrated Care, Troms, Norway, Department of Urology, University Hospital of Northern Norway, Norway

ET011 USE OF 5-MM STAPLER IN INFANTS AND CHILDREN Bethany J Slater, MD; Kristen Shipman, MD, Saundra Kay, MD, Steven S Rothenberg; Rocky Mountain Hospital for Children

ET012 USE OF AN INDOCYANINE GREEN ENHANCED FLUORESCENCE OPTICAL SYSTEM (THE VITOM CAMERA) FOR EARLY RECOGNITION OF BILE LEAKS Fernando Dip, MD, David Nguyen, MD, Lisandro Montorfano, MD, Emanuele Lo Menzo, MD, PhD, FACS, FASMBS, Samuel Szomstein, MD, FACS, FASMBS, Federico Aucejo, MD, Raul J Rosenthal, MD, FACS, FASMBS; Cleveland Clinic Florida

ET013 NOVEL APPROACH TO BARIATRIC AND METABOLIC SURGERY John S Doherty, MD, James S M Vivanco, MD; Eddie Gomez, MD; Jackson South, MD, Jackson North FLIU, Plaza de la Salud

ET014 ELIPSE™: A SWALLOWED, SELF-EMPTYING, AND EXCRETED INTRAGASTRIC BALLOON FOR WEIGHT LOSS Shantanu Gaur, MD; Samuel Levy, MD, Evzen Machytka, MD, Bruce Schirmer, MD, Daniel Jones, MD, George Blackburn, MD, PhD; Kathryn Stecco, MD; Allurion Technologies, University of Ostrava, University of Virginia, Beth Israel Deaconess Medical Center

ET015 ENDOSCOPIC SLEEVE GASTROPLASTY FOR PRIMARY THERAPY OF OBESITY: INTERIM MULTICENTER RESULTS Nitin Kumar, MD; Gontrand Lopez-Nava Breviere, MD; Nicole P Sahdala, MD, Manoel P Galvao Neto, RD; Barham K Abu Deyyeh, MD, Natan Zundel, MD; Christopher C Thompson, MD; Harvard Medical School, Brigham & Women's Hospital, Hospital Universitario Madrid Sanchinarro, Universidad Pedro Henriquez Urena, Gastro Obeso Center and Mario Covas Hospital, Mayo Clinic, Florida International University Herbert Wertheim College of Medicine

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

SAGES acknowledges our Gold Level Donors for their support of this session: Ethicon, Intuitive Surgical, and Teleflex
**SS21: Resident/Fellow Scientific Session**

**Chair:** Linda Zhang, MD; **Co-Chair:** Iswanto Sucandy, MD

### SESSION DESCRIPTION

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

### SESSION OBJECTIVES

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

- Identify and discuss challenges and pitfalls in research design, methodology, critical review of results and potential bias.
- Discuss potential solutions for the challenges and pitfalls in order to improve future study.
- Identify potential study topics related to the presented subjects that are feasible by surgical residents and fellows during their clinical training or dedicated lab time.
- Acquire an appreciation for the depth, breadth and importance of research conducted by surgical residents and fellows for trainee academic developments, as well as contributions to the science of surgery.
- Recognize optimum preparation and communication skills to deliver concise 10 minute presentation.

### ACTIVITY OUTLINE

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<th>Time</th>
<th>Presentation Title</th>
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<tr>
<td>3:30PM</td>
<td>Introduction</td>
<td>Linda Zhang, MD</td>
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<td>Iswanto Sucandy, MD</td>
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<td>3:35PM</td>
<td>Resident/Fellow Presentations</td>
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<td>5:30PM</td>
<td>Adjourned</td>
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**Expert Panelists:** Jo Buyske, MD; Brent Matthews, MD; Aurora Pryor, MD; Lee Swanstrom, MD; Mark Talamini, MD

**S090 CHARGES, COMPLICATIONS, AND OUTCOME: A COMPARISON OF LAPAROSCOPIC NISSEN FUNDOPLICATION VERSUS MAGNETIC SPHINCTER AUGMENTATION FOR GERD** Jessica L Reynolds, MD, Joerg Zehetner, MD, Angela Nieh, MS, Nikolai Bildzukewicz, MD, Kuleet Sandhu, MD, Peter Crookes, MD, John C Lipham, MD; University of Southern California

**S091 EXPLORATORY LAPAROSCOPY AT A LEVEL I TRAUMA CENTER: FEWER LAPAROTOMIES AND SHORTER HOSPITAL STAY** Nova Szoka, MD, Barkat Ali, MD, David Tobey, DO, Manny Rojo, Stephen Lu, MD, Edward Auyang, MS, DS; University of New Mexico

**S092 PERIOPERATIVE OUTCOMES AND FELLOW EXPERIENCE DURING MINIMALLY INVASIVE BARIATRIC SURGERY TRAINING** Rouzbeh Mostaedi, MD, Mohamed R Ali, MD; University of California, Davis

**S093 BARIATRIC CENTERS OF EXCELLENCE: THE EFFECT OF CENTRALIZATION ON ACCESS TO CARE** Lindsay E Kuo, MD, Kristina D Simmons, PhD, Rachel R Kelz, MD, MSCE; Hospital of the University of Pennsylvania

**S095 RESIDENT PARTICIPATION IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS: A COMPARISON OF OUTCOMES FROM THE ACS NSQIP DATABASE** Laura Doyon, MD, Alejandro Moreno-Koehler, MPH, Dmitry Nepomnayshy, MD, FACS; Lahey Hospital and Medical Center, Tufts University School of Medicine

**S096 A COMPARISON OF INITIAL AND REDO PARAESOPHAGEAL HERNIA REPAIRS** John E Wennergren, MD, Salomon Levy, MD, Curtis Bower, MD, Michael T Miller, Daniel L Davenport, PhD, Margaret Plymale, MSN, RN, John Scott Roth, MD; University of Kentucky

**S097 ADOPTION OF ADVANCED LAPAROSCOPY IN THE UNITED STATES: TRENDS FROM THE NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM 2005-2012.** Samuel C Schecter, MBBS, Jennifer Kaplan, MD, Scott Roth, MD, Matthew Lin, MD, Andrew Posselt, MD, Stanley Rogers, MD, Jonathan T Carter, MD; University of California San Francisco

**S098 TRUE NOTES TME RESECTION WITH SPLENIC FLEXURE RELEASE, HIGH LIGATION OF IMA, AND END TO SIDE HAND SEWN COLOANAL ANASTOMOSIS** Nicolas Lopez-Acevedo, MD, Grace A Montenegro, MD, Matthew N Johnson, BA, John H Marks, MD; Lankenau Medical Center

**S099 MINIMALLY INVASIVE SURGERY FOR GASTRIC CANCER IN A SINGLE INSTITUTION: CLINICAL EXPERIENCE OF 3,021 CASES OVER 11 YEARS** Young Suk Park, MD, Aung Myint Oo, Dong Joon Shin, Do Hyun Jung, Sang Yong Son, Sang Hoon Ahn, Do Joong Park, Hyung Ho Kim; Seoul National University of Bundang Hospital, Korea

**S094 NATIONWIDE VARIATION IN SURGICAL QUALITY AND COST IN LAPAROSCOPIC PROCEDURES** Clara R Huntington, MD, Tiffany Cox, MD, Laurel J Blair, MD, Amy E Lincourt, MBA, PhD, Vedra A Augenstein, MD, FACS, B Todd Heniford, MD, FACS; Carolinas Medical Center
Friday, April 17, 2015

Panel: Complex Paraesophageal Hernias
Chair: Dana Telem, MD; Co-Chair: Edward Auyang, MD

SESSION DESCRIPTION
This session is designed for attending surgeons, residents and medical students who perform or have an interest in foregut, minimally invasive and bariatric surgery. The purpose of this session will be to highlight complex technical and perioperative considerations in the repair of paraesophageal hernia.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Employ techniques (gastric reduction, hiatal closure, obtaining intra-abdominal length, etc.) to decrease recurrence
• Use flexible endoscopy in the acute and elective settings for evaluation pre-, intra-, and post-operatively
• Recognize and assess patients with systemic complaints post-operatively and apply techniques for revisional operations
• Understand perioperative considerations in patients with paraesophageal hernia
• Be familiar with the current data surrounding use of mesh and performance of fundoplication
• Recognize complex technical considerations involved in paraesophageal hernia repair including use of endoscopy, esophageal lengthening, difficulty with hiatal closure and re-operative procedures

ACTIVITY OUTLINE

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<tr>
<td>4:00PM</td>
<td>Brief Introduction</td>
<td>Dana Telem, MD</td>
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<td>Edward Auyang, MD</td>
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<tr>
<td>4:04PM</td>
<td>Perioperative Management Of Patients With Paraesophageal Hernia</td>
<td>Ellen Morrow, MD</td>
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<tr>
<td>4:12PM</td>
<td>To mesh or Not Mesh? – That REMAINS the Question</td>
<td>C. Daniel Smith, MD</td>
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<td>4:20PM</td>
<td>Fundoplication – Which One Or None?</td>
<td>Steve Eubanks, MD</td>
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<td>4:28PM</td>
<td>Role Of Endoscopy In The Acute And Elective Paraesophageal Hernia Repair</td>
<td>Marcelo Hinojosa, MD</td>
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<td>4:36PM</td>
<td>The Hiatus Won’t Close – Now What?</td>
<td>Nathaniel Soper, MD</td>
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<td>4:44PM</td>
<td>Help – I Can’t Get the GE Junction Below The Diaphragm!</td>
<td>Barry Salky, MD</td>
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<td>4:52PM</td>
<td>Pitfalls Of Revisional Surgery – Tips And Tricks To Stay Out Of Trouble.</td>
<td>Thadeus Trus, MD</td>
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<tr>
<td>5:00PM</td>
<td>Panel – Q&amp;A</td>
<td>All speakers</td>
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LEARNING THEMES
- Hernia
- Foregut
- New technologies/Skill acquisition

GUIDELINES:
• SAGES Guidelines for the Management of Hiatal Hernia (May 2013)
• SAGES Guidelines for Surgical Treatment of Gastroesophageal Reflux Disease (GERD) (Feb 2010)
• SAGES Guidelines for Institutions Granting Privileges Utilizing Laparoscopic and/or Thoracoscopic Techniques (July 2010)

Congratulations, Winners of SAGES 2015 Medical Student Scholarship Award

On behalf of the SAGES Board of Governors and the Membership Committee, we are proud to congratulate the three winners of the SAGES 2015 Medical Student Scholarship Award.

The winners are:

Marc Olivier Duverseau – 3rd Year Medical Student, Ross University School of Medicine
Cypriana Kozak – 3rd Year Medical Student, University of Alberta
Collin Howser – 2nd Year Medical Student, University of Tennessee Health Science Center

Medical students from across the United States and Canada submitted essays for 3 scholarships which includes; free registration and recognition at the SAGES Annual Meeting in Nashville, Tennessee, a check for $2,000, an award certificate, and 1 year complimentary membership. Winners will also be matched with a SAGES Member Mentor during the meeting.
**SS22 Concurrent Session: Outcomes & Complications**

**Moderator:** Robert D. Fanelli, MD, MHA; **Co-Moderator:** Bruce D. Schirmer, MD

**S100 SPLENIC CYST SURGICAL TREATMENT: CYST RESECTION VS. PARTIAL SPLENECTOMY**
Raymundo C Racela, MD, Carl Tadaki, MD, Eugene Boilesen, Valerie Shostrom, Dmitry Oleynikov, MD, Vishal Kothari, MD; U. of Nebraska Medical Center

**S101 THE CENTER FOR MEDICARE SERVICES (CMS) TWO MIDNIGHT RULE: POLICY AT ODDS WITH REALITY**
Ciara R Huntington, MD, Tiffany C Cox, MD, Lauren J Blair, MD, Tanushree Prasad, MA, Kent W Kercher, MD, FACS, Vedra A Augenstein, MD, FACS, B. Todd Heniford, MD, FACS; Carolinas Medical Center

**S102 RESIDENT INVOLVEMENT IN LAPAROSCOPIC PROCEDURES DOES NOT WORSEN CLINICAL OUTCOMES BUT MAY INCREASE**
**OPERATIVE TIMES AND LENGTH OF HOSPITAL STAY**
Jennifer Jolley, MD, Daniel Lomelin, MPH, Anton Simorov, MD, Carl Tadaki, MD, Dmitry Oleynikov, MD; University of Nebraska Medical Center (UNMC/UNO)

**S103 THE SUCCESS RATE OF FUNDOPLICATION DECREASES AFTER EACH REDO ANTIREFLUX OPERATION**
Cristina R Harnsberger, MD, Ryan C Broderick, MD, Hans F Fuchs, MD, Tianzan Zhou, BA, Garth R Jacobsen, MD, David C Chang, PhD, MBA, MPA, MD, Karl-Hermann Fuchs, MD, Santiago Horgan, MD, Bryan J Sandler, MD; University of California, San Diego, Department of Surgery, 2Massachusetts General Hospital, Harvard Medical School, 3Markus Krankenhaus, Frankfurt, Germany

**V102 MINIMAL INVASIVE MANAGEMENT OF RARE COMPLICATION AFTER LAPAROSCOPIC TYPE IV PARAESOPHAGEAL HERNIA REPAIR AND NISSEN’S FUNDOPLICATION (PART I)**
Pornthep Prathanvanich, MD, FRCST, FACS, Bipan Chand, MD, FACS, FASMSBS, FASGE; Loyola University Medical Center

**S104 THE INCIDENCE OF MARGINAL ULCERATION FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS USING A 30 VERSUS 90-DAY POST-OPERATIVE PROTON PUMP INHIBITOR REGIMEN**
Xian Kang, MD, FRCS, Luis Zurita-Macias-Valadez, MD, Mohammad Aburahmah, MD, Dennis Hong, MD, Mehran Anvari, MA, BS, PhD, Margherita Cadeddu, MD, Nalin Amin, MD, Scott B Gmora, MD; McMaster University

**S105 PERITONEAL DIALYSIS CATHETER PLACEMENT: A CALL FOR UNIVERSAL ACCEPTANCE OF THE LAPAROSCOPIC TECHNIQUE**
Tiffany C Cox, MD, Laurel J Blair, MD, Ciara R Huntington, MD, Tanushree Prasad, MA, Kent W Kercher, MD, FACS, Vedra A Augenstein, MD, FACS, B. Todd Heniford, MD, FACS; Carolinas Medical Center

**S106 BIOMOLECULAR INFLAMMATORY RESPONSE TO SURGICAL ENERGY USAGE IN LAPAROSCOPIC SURGERY- RESULTS OF A TRIPLE BLIND RANDOMIZED STUDY**
Brij B Agarwal, MD, Juhel D Nanavati, MBBS, Nayan Agarwal, MD, Kumar Manish, DNB, Naveen Sharma, MD; Ganga Ram Institute of Postgraduate Medical Education & Research and Sir Ganga Ram Hospital, India, 2University College of Medical Sciences, University of Delhi, India

**S107 INTESTINAL MICROBIOTA AND ANASTOMOTIC LEAKAGE OF STAPLED COLORECTAL ANASTOMOSES: A PILOT STUDY**
Jasper B van Praagh, Marcus C de Goffau, Ilsalien S Bakker, Hermie J Harmsen, Peter Olinga, MD, Nalin Amin, MD, Scott B Gmora, MD; McMaster University

**S108 SUPER-SUPER OBESE PATIENTS: COMPARISON BETWEEN SLEEVE GASTRECTOMY AND ROUX-EN-Y GASTRIC BYPASS**
Raul Sanchez-Johnsen PhD., Enrique F Elli, MD; UIC

**S109 EARLY READMISSION AFTER BARIATRIC SURGERY: A NSQIP ANALYSIS**
Ryan C Broderick, MD, Hans F Fuchs, MD, Tianzan Zhou, BA, Garth R Jacobsen, MD, David C Chang, PhD, MBA, MPA, MD, Karl-Hermann Fuchs, MD, Santiago Horgan, MD, Bryan J Sandler, MD; University of California, San Diego, Department of Surgery, 2Massachusetts General Hospital, Harvard Medical School, 3Markus Krankenhaus, Frankfurt, Germany

**S110 A PILOT FUNCTIONAL MRI STUDY IN ROUX-EN-Y GASTRIC BYPASS PATIENTS TO STUDY ALTERATION IN TASTE FUNCTIONS COMPARED TO LAPAROSCOPIC SLEEVE GASTRECTOMY PATIENTS.**
Yulia Zak, MD, Emil Petrusa, PhD, Denise W Gee, MD; Massachusetts General Hospital

**S111 DUODENAL-JEJUNAL EXCLUSION IMPROVES THE INSULIN RESISTANCE OF TYPE 2 DIABETIC RATS BY UP-REGULATING THE HEPATIC INSULIN SIGNALING PATHWAY**
Ziqiang Ren, MD, Pengbo Zhang, MD, Xiaocheng Zhu, MD, Hong Zhang; Affiliated Hospital of Xuzhou Medical College P. R China

**S112 A RETROSPECTIVE COMPARISON OF STANDARD DUODENAL SWITCH WITH LOOP DUODENAL SWITCH AT A SINGLE INSTITUTION**
Ann M Rogers, MD, Jianli Wang, MD, PhD, Robert McHugh, PhD, Qing X Yang, PhD, Andras Hajnal, MD, PhD; 1Penn State Hershey Medical Center, ‘Penn State College of Medicine

**S113 IDENTIFYING RISK FACTORS FOR POSTOPERATIVE SEPSIS IN LAPAROSCOPIC GASTRIC BYPASS**
L J Blair, MD, T C Cox, MD, C R Huntington, MD, T Prasad, MA, A E Lincourt, PhD, MBA, K S Gersin, MD, FACS, FASMSBS, B T Heniford, MD, FACS, V A Augenstein, MD, FACS; Carolinas Medical Center

**S114 LAPAROSCOPIC SLEEVE GASTRECTOMY IN PATIENTS WITH BMI 30-35**
Marcos Berry, MD, Lionel Urrutia, MD, Patricio Lamoza, MD, Shirley Marquina, MD, Alfredo Molina, MD; ‘Clinica Las Condes, 3Hospital de Maipu

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**SS23 Concurrent Session: Metabolic/ Bariatric**

**Moderator:** Leena Khaitan, MD; **Co-Moderator:** Brian R. Smith, MD

**S115 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS PATIENTS HAVE AN INCREASED LIFETIME RISK OF RE-OPERATIONS WHEN COMPARED TO LAPAROSCOPIC SLEEVE GASTRECTOMY PATIENTS.**
Yulia Zak, MD, Emil Petrusa, PhD, Denise W Gee, MD; Massachusetts General Hospital

**S108 SUPER-SUPER OBESE PATIENTS: COMPARISON BETWEEN SLEEVE GASTRECTOMY AND ROUX-EN-Y GASTRIC BYPASS**
Raquel G. Heredia, MD, PhD, Valeria Valbuena, BS, Crystal Hernandez, BS, Mario Masrur, MD, Kristin Patton, MD, Melissa Murphy DNP, NP-C, Lisa Sanchez-Johnsen PhD., Enrique F Elli, MD; UIC

**S109 EARLY READMISSION AFTER BARIATRIC SURGERY: A NSQIP ANALYSIS**
Mustafa W Aman, MD, Miloslawa Stem, MS, Anne O Lidor, MD, MPH; Department of Surgery, Johns Hopkins University

**S110 A PILOT FUNCTIONAL MRI STUDY IN ROUX-EN-Y GASTRIC BYPASS PATIENTS TO STUDY ALTERATION IN TASTE FUNCTIONS AFTER SURGERY**
Pornthep Prathanvanich, MD, FRCST, FACS, Bipan Chand, MD, FACS, FASMSBS, FASGE; Loyola University Medical Center

**S111 DUODENAL-JEJUNAL EXCLUSION IMPROVES THE INSULIN RESISTANCE OF TYPE 2 DIABETIC RATS BY REGULATING THE HEPATIC INSULIN SIGNALING PATHWAY**
Ziqiang Ren, MD, Pengbo Zhang, MD, Xiaocheng Zhu, MD, Hong Zhang; Affiliated Hospital of Xuzhou Medical College P. R China

**S112 A RETROSPECTIVE COMPARISON OF STANDARD DUODENAL SWITCH WITH LOOP DUODENAL SWITCH AT A SINGLE INSTITUTION**
Samuel H Cottam, Daniel R Cottam, MD, Legrand Belnap, MD, Mitch Roslin, MD; 1BMI, 2Lenox Hill Hospital and North Shore General Hospital

**S113 IDENTIFYING RISK FACTORS FOR POSTOPERATIVE SEPSIS IN LAPAROSCOPIC GASTRIC BYPASS**
L J Blair, MD, T C Cox, MD, C R Huntington, MD, T Prasad, MA, A E Lincourt, PhD, MBA, K S Gersin, MD, FACS, FASMSBS, B T Heniford, MD, FACS, V A Augenstein, MD, FACS; Carolinas Medical Center

**S114 LAPAROSCOPIC SLEEVE GASTRECTOMY IN PATIENTS WITH BMI 30-35**
Marcos Berry, MD, Lionel Urrutia, MD, Patricio Lamoza, MD, Shirley Marquina, MD, Alfredo Molina, MD; ‘Clinica Las Condes, 3Hospital de Maipu
Panel: Lessons Learned from Military Surgery – Transition Back into Practice
Chair: Michael Ujiki, MD; Co-Chair: Yong Choi, MD

SESSION DESCRIPTION
Military surgeons have extensive experience in situations from which many lessons can be learned in order to improve civilian practice. For example, the civilian general surgeon would benefit from lessons learned in the use of laparoscopy in trauma, tele consultation, simulation, and patient evacuation and transfer to tertiary centers.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Articulate the indications for the use of laparoscopy in trauma
• Distinguish various techniques for abdominal wall reconstruction
• Convey how to best transition from military to civilian practice
• Illustrate various methods of and uses for teleconsultation in surgery and medicine
• Apply various methods of simulation in surgical training
• Plan how to best triage and transfer patients to a tertiary trauma setting

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>4:00PM</td>
<td>The Use of Laparoscopy in Trauma</td>
<td>LTC E. Matthew Ritter, MD</td>
</tr>
<tr>
<td>4:10PM</td>
<td>Abdominal Wall Reconstruction</td>
<td>Col Scott Rehrig, MD</td>
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<tr>
<td>4:20PM</td>
<td>Transition from Military to Civilian Practice</td>
<td>MAJ USAR (ret) Steven Schwatzberg, MD</td>
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<tr>
<td>4:30PM</td>
<td>Teleconsultation</td>
<td>Col Robert Rush, MD</td>
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<tr>
<td>4:40PM</td>
<td>Simulation for Training</td>
<td>Col Robert Rush, MD</td>
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<tr>
<td>4:50PM</td>
<td>Patient Evacuation/Disaster Response</td>
<td>Col Stacy Shackleford, MD</td>
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<tr>
<td>5:00PM</td>
<td>AIREVAC Transport of Ebola Infected Military Personnel with Burns or Trauma: A Preliminary Proposal</td>
<td>MAJ Raymundo Racela, MD</td>
</tr>
<tr>
<td>5:10PM</td>
<td>Panel Discussion</td>
<td>Panel</td>
</tr>
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</table>

LEARNING THEMES
- AE Academic/Educational
- PE Professional/Economic
- HR Hernia

GUIDELINES:
• Guidelines for Diagnostic Laparoscopy (November 2007)
• Guidelines for the Surgical Practice of Telemedicine (March 2004)

Candidate Networking Townhall Meeting
SAGES does not offer CME for this session
The Candidate Networking event is a chance to meet and mingle with other candidate members. Discuss the job search or contract negotiation. Learn about new places. Meet new friends and colleagues!

Meet the Leadership Reception for Residents, Fellows & New Members
Location: Opryland Convention Center – Delta A Lobby
Friday, April 17, 2015

SAGES Gala –
The Main Event - An Evening at the Wildhorse Saloon
Featuring the 18th Annual International Sing-Off

SAGES 2015 Surgical Spring Week

7:30PM - 11:00PM

*Included in Registration SuperPass (Option A)
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Saturday, April 18, 2015

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
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<tbody>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Panel: Simulation and Telerobotics - Partnering with the Military</td>
<td>Delta Ballroom C</td>
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<tr>
<td>8:00 AM - 9:30 AM</td>
<td>SS24 Concurrent Session: Videos of Distinction</td>
<td>Delta Ballroom B</td>
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<tr>
<td>8:30 AM - 9:30 AM</td>
<td>SS25 Concurrent Session: NOTES/ Transanal</td>
<td>Delta Ballroom D</td>
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<tr>
<td>8:30 AM - 9:30 AM</td>
<td>SS26 Concurrent Session: Cancer</td>
<td>Bayou A/B</td>
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<tr>
<td>9:30 AM - 11:30 AM</td>
<td>SS27: Plenary Session 2</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>11:30 AM - 12:15 PM</td>
<td>SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend! (non-CME)</td>
<td>Delta Ballroom B</td>
</tr>
<tr>
<td>12:15 PM - 1:30 PM</td>
<td>Advocacy Luncheon</td>
<td>Washington B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Session: Top 21 Video - Expecting the Unexpected</td>
<td>Delta Ballroom B</td>
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<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: Building and Optimizing A Surgical Practice</td>
<td>Bayou A/B</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>Panel: Quality Practices in Surgical Education and Training</td>
<td>Delta Ballroom C</td>
</tr>
<tr>
<td>1:30 PM - 3:00 PM</td>
<td>SS28 Concurrent Session: Top Posters/ Poster of Distinction Presentations (non-CME)</td>
<td>Delta Ballroom D</td>
</tr>
<tr>
<td>7:30 AM - 2:00 PM</td>
<td>Mini-Medical School Boot Camp (non-CME)</td>
<td>Bayou C/D</td>
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Panel: Simulation and Telerobotics – Partnering with the Military
Chair: Mehran Anvari, MD; Co-Chair: John Paige, MD

SESSION DESCRIPTION
This session partners with military and space scientist to explore the new frontiers in use of simulation and avatars for training, use of modeling and 3D printing in developing tools and use of automation and artificial intelligence in the area of robotics and telerobot interventions.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Compare current use of simulation in training with new approaches such as the use of avatars in military training
• Recognize the potential value of automation and artificial intelligence with use of robotic and telerobotic surgery
• Appraise the possibility of new modeling technologies and 3D printing in developing and testing new surgical tools and approaches

ACTIVITY OUTLINE

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<tr>
<th>Time</th>
<th>Presentation Title</th>
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<tbody>
<tr>
<td>8:00AM</td>
<td>Use Of Avatars In Training And Simulation</td>
<td>Albert “Skip” Rizzo, PhD</td>
</tr>
<tr>
<td>8:15AM</td>
<td>Will Artificial Intelligence Enhance Telerobotic Actions</td>
<td>Timothy Broderick, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Practical Use Of Automation In Robotic Surgery</td>
<td>Mehran Anvari, MD</td>
</tr>
<tr>
<td>8:45AM</td>
<td>Modeling and 3D Printing For Rapid Surgical Tool Production</td>
<td>Tony Thoma</td>
</tr>
<tr>
<td>9:00AM</td>
<td>Surgical Simulation in 2020</td>
<td>John Paige, MD</td>
</tr>
</tbody>
</table>

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

GUIDELINES:
- Guidelines for the Surgical Practice of Telemedicine (March 2004)

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

SS24 Concurrent Session: Videos of Distinction
Moderator: Eli N. Lerner, MD; Co-Moderator: Mario Morino, MD

V104 TWO-STAGE LAPAROSCOPIC APPROACH FOR A BILE DUCT INJURY WITH A TWO-WEEK BILIARY PERITONITIS Marcel Sanhueza, MD, Rose Marie Mege, MD, Eduardo Virtueta, MD, Eduardo Briceño, MD, Cristian Díaz, MD, Constanza Godoy, Gustavo Carvalho, MD, PhD, Julian Varas, MD, Nicolás Jarufe, Alfonso Díaz, MD, Complejo Asistencial Dr. Sotero del Río de Chile, Faculty of Medical Sciences, University of Pernambuco, Recife, Brazil, Department of Digestive Surgery, Pontificia Universidad Católica de Chile

V105 HYDATID LIVER CYST LAPAROSCOPIC TREATMENT Jorge Nefa, MD, Sergio Bustos Navarrete, MD, Pablo Jaurequi Berry, MD, Martín Berducci, MD, Cecilia Bustos, MD, Jorge Bufaliza, MD, Pablo Gomez, MD, Pablo Omeicanuk, MD, Hospital Italiano de Mendoza, Clinica Francesa de Mendoza

V106 LAPAROSCOPIC MANAGEMENT OF A GASTRO-COLO-CUTANEOUS FISTULA FOLLOWING PEG PLACEMENT Zachary F Williams, MD, James W Rawles III, MD, William W Hope, MD, New Hanover Regional Medical Center

V107 LAPAROSCOPIC RESECTION OF A MYOCOTIC SUPERIOR MESENTERIC ARTERY ANEURYSM William S Eubanks, MD, Xuedong Xu, MD, Alicia Eubanks, Rebecca Rowen, MD, Alan Wladis, MD, Florida Hospital

V108 CASE REPORT: LAPAROSCOPIC SPLENOPEXY WITHOUT USE OF MESH Geoffrey Fasen, MD, Carlos Puig, MD, Michael Kendrick, MD, David Nagorney, MD, Mayo Clinic- Rochester

V109 RETROPERITONEAL ENDOSONIC LOOPS ADRENALECTOMY Thomas Wade, MD, L Michael Brun, MD, M Frisella, RN, BSN; Washington University in St. Louis

V110 LAPAROSCOPIC REPAIR OF PERITONEOPERICARDIAL DIAPHRAGMATIC HERNIA REPAIR Shintaro Chiba, MD, Jana Lewis, MD, Igor Brichkov, MD, Danny Sherwinter, MD; Maimonides Medical Center

V111 LAPAROSCOPIC RETROPERITONEAL SCHWANNOMA RESECTION Horacio J Asbun, MD, Andres J Sosa, MD, Jorge Farel, MD, Jhon A Stauffer, MD, Steven Bowers, MD; MAYO CLINIC
SS25 Concurrent Session: NOTES/ Transanal

**Moderator:** Michael R. Marohn, MD; **Co-Moderator:** John H. Marks, MD

**S116 TOTALLY TRANSDURAL LAPAROSCOPIC SINGLE-SITE ILEAL J-POUCH (TLPC-J) - EXPERIMENTAL STUDY IN 6 FRESH HUMAN CADAVERS OF A NOVEL APPROACH FOR AVOIDING ABDOMINAL WALL INCISION FOR TOTAL COLECTOMY**  Reza M. Vahdat1, Grigore Cernaianu2, Thomas Boemers3, Hamid R. Foroutan4; 1Children’s Hospital Cologne Amsterdamer Strasse, Department of Pediatric Surgery and Pediatric Urology, 2University Hospital Lübeck, Department of Pediatric Surgery, Lübeck, Germany, 4Shiraz University of Medical Sciences, Department of Pediatric Surgery, Nemazee Hospital, Shiraz, Iran

**S117 STANDARDIZATION OF THE APPROACH TO TRANSDURAL NOTES TOTAL MESORECTAL EXCISION (TME) IN PATIENTS WITHRECTAL CANCER: IS ANATOMY BETTER PRESERVED?** Elie K Chouillard, MD, PhD, Elias Chahine, MD, Sylvia Quarisma, MD, Béatrice Vinson Bonnet, MD, Agathe Regnier, MD, Silivu Bors, MD; Paris Poissy Medical Center

**V112 TAMIS-TME: A NEW SOLUTION TO AN OLD PROBLEM**  Yasmin Halwani, MD, Elena Vikis, MD, MeD, FRCSC; University of British Columbia

**S118 A RETROSPECTIVE CHART REVIEW COMPARING TRANSABDOMINAL VERSUS TRANSORAL REMNANT EXTRACTION IN LAPAROSCOPIC SLEEVE GASTRECTOMY.** Scott M Golembeski, MD, Farah Husain, MD, FACS, Brain J Pottorf, MD; Exempla Saint Joseph Hospital. Colorado Permanente Medical Group

**V113 HOW TO USE ENDOUMINAL VACUUM THERAPY TO TREAT UPPER GASTROINTESTINAL ANASTOMOTIC LEAKS AND PERFORATIONS**  Nathan Smallwood, MD, Steven Leeds, MD, Js Burdick, MD; Baylor University Medical Center Dallas

**S119 COLOR III: A RANDOMIZED CLINICAL TRIAL COMPARING TRADITIONAL LAPAROSCOPIC AND TRANSDURAL TME FOR RECTAL CANCER**  Cl Deijen, MD 1, S Velthuis, MD 2, Jb Tuynman, MD, PhD, Wijnj Meijerink, MD, PhD, Hj Bonjer, MD, PhD; 1VU University Medical Center Amsterdam, 2Ziekenhuis Gelderse Vallei Ede

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SS26 Concurrent Session: Cancer

**Moderator:** Frederick L. Greene, MD; **Co-Moderator:** Thomas A. Aloia, MD

**S120 QUALITY OF LIFE AFTER LAPAROSCOPIC LIMITED GASTRECTOMY USING SENTINEL NODE NAVIGATION TECHNIQUE IN GASTRIC CANCER: SINGLE ARM AND SINGLE CENTER, PHASE II CLINICAL TRIAL (NCT01441310)**  Hyung-Ho Kim 1, Sang-Hoon Ahn 1, Do Joong Park 1, Do Hyun Jung 1, Cheol Min Shin 1, Young Soo Park 1; 1Department of Surgery, Seoul National University Bundang Hospital, 2Department of Surgery, Hanyang University Bundang Hospital, 3Department of Internal Medicine, Seoul National University Bundang Hospital, 4Department of Pathology, Seoul National University Bundang Hospital

**S121 THE IMPACT OF POSTOPERATIVE COMPLICATIONS TO LONG-TERM ONCOLOGIC OUTCOMES OF LAPAROSCOPIC LOW ANTERIOR RESECTION FOR RECTAL CANCER**  Eun Jung Park, MD, Seung Hyuk Baik, MD, PhD, Jeonghyun Kang, MD, Byung Soh Min, MD, PhD, Kang Young Lee, MD, PhD, Nam Kyu Kim, MD, PhD, Seung-Kook Sohn, MD, PhD; Department of Surgery, Yonsei University College of Medicine, Seoul, South Korea

**S122 COMPARISON OF CLINICAL AND ECONOMIC OUTCOMES BETWEEN ROBOTIC, LAPAROSCOPIC AND OPEN RECTAL CANCER SURGERY: EARLY EXPERIENCE AT A TERTIARY ACADEMIC CENTER**  Karim M Ramji, MD, Jonathan M Josse, MD, MSc, Michelle C Cleghorn, MSc, Haiyan Jiang, PhD, Andrea MacNeill, MD, MSc, Usmaan Hameed, MD, Catherine O’Brien, MD, PhD, David Urbach, MD, MSc, Fayez A Qureshy, MD, MBA; 1University of Toronto, 2University Health Network, 3Princess Margaret Cancer Center

**S123 LAPAROSCOPY, COMPUTERISED TOMOGRAPHY AND FLUORODEOXYGLUCOSE POSITRON EMISSION TOMOGRAPHY ROLE IN THE MANAGEMENT OF GASTRIC AND GASTROESOPHAGEAL CANCER**  Ahmad Mirza, MD, Ian Welch, Simon Galloway; The University Hospital of South Manchester, Manchester, United Kingdom

**S124 THE FEASIBILITY AND EFFECTIVENESS OF LAPAROSCOPIC PYLORUS-PRESERVING PANCREATEODUODENECTOMY: A SINGLE INSTITUTION EXPERIENCE**  Hua H Zhang, MD; West China Hospital of Sichuan University

**S125 SHORT-TERM AND LONG-TERM OUTCOMES OF SINGLE-INCISION VERSUS MULTI-INCISION LAPAROSCOPIC RESECTION FOR COLORECTAL CANCER: A PROPENSITY SCORE-MATCHED ANALYSIS OF 214 CASES**  Goutaro Katsuno, Masaki Fukunaga, Yoshifumi Lee, Kunihiko Nagakari, Masahiko Sugano, Shuichi Sakamoto, Yoshito Iida, Seichiro Yoshikawa, Masakazu Ohuchi, Yoshitomo Itou, Yoshinori Hirasaki, Daisuke Azuma, Shintaro Kohama, Jun Nomoto; Department of Surgery, Juntendo Urayasu Hospital, Juntendo University
SS27: Plenary Session 2
Moderator: L. Michael Brunt, MD; Co-Moderator: Eduardo Targarona, MD

**DELTA BALLROOM B**

100 MULTIMODAL ERAS (EARLY RECOVERY AFTER SURGERY) PROGRAM IN COMBINATION WITH TOTALLY LAPAROSCOPIC DISTAL GASTRECTOMY IS THE OPTIMAL PERIOPERATIVE CARE IN PATIENTS WITH GASTRIC CANCER: A PROSPECTIVE RANDOMIZED CLINICAL TRIAL

Sang Hoon Ahn, MD, Young Suk Park, MD, Dong Jun Shin, MD, Do Joong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital

107 PATTERNS OF FUNDOPLICATION FAILURE: THE AFFECT OF BODY MASS INDEX (BMI)

Shunsuke Akimoto, Nandipati C Kalyana, Harit Kapoor, Se Ryung Yamamoto, Pallati K Pradeep, Lee H Tommy, Mittal K Sumeet; Creighton University School of Medicine

V114 VENTRAL HERNIA REPAIR WITH COMPONENT SEPARATION UTILIZING THE NEWEST GENERATION ROBOTIC SURGICAL SYSTEM

Zeljka Jutric, MD, Chet Hammill, MD, MCR, FACS; Providence Portland Medical Center, 'The Oregon Clinic

S128 LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING: LESSONS LEARNED FROM 19,221 BANDS OVER A SEVEN-YEAR PERIOD IN THE STATE OF NEW YORK

Maria Altieri, Dana Telem, MD, Jie Yang, PhD, Ziqi Meng, MS, Caitlin Halbert, DO, MS, Catherine Frenkel, MD, Mark Talamini, MD, Aurora Pryor, MD; Stony Brook University Hospital

S129 REVISIONAL SURGERY AFTER FAILED ESOPHAGOGASTRIC MYOTOMY FOR ACHALASIA: SUCCESSFUL ESOPHAGEAL PRESERVATION

B R Veenstra, MD, R F Goldberg, MD, S P Bowers, MD, M Buchanan, J A Stauffer, H J Asbun, C D Smith, D; Mayo Clinic of Florida, 'Maricopa Integrated Health System

S130 PROSPECTIVE RANDOMIZED TRIAL OF NOTES® CHOLECYSTECTOMY VERSUS LAPAROSCOPIC CHOLECYSTECTOMY

Michael L Kochman, MD, Steven D Schwartzberg, MD; 'NOSCAR® Clinical trial group, 'SAGES, 'SAGES/ASGE/NOSCAR®

S131 SURGEONS, ERCP, AND LAPAROSCOPIC COMMON BILE DUCT EXPLORATION: DO WE NEED A STANDARD APPROACH FOR COMMON BILE DUCT STONES?

Rebecca B Baucom, MD, Irene D Feurer, PhD, Julia S Shelton, MD, MPH, Kristy L Kummerow, MD, Michael D Holzman, MD, MPH, Benjamin K Poulouse, MD, MPH; Vanderbilt University Medical Center, 'University of Louisville

S132 STRUCTURED SIMULATION IMPROVES LEARNING OF THE FUNDAMENTAL USE OF SURGICAL ENERGY™ (FUSE) CURRICULUM: A MULTICENTER RANDOMIZED-CONTROLLED TRIAL

Amin Madani, MD, Yusuke Watanabe, MD, Nicole Townsend, MD, Thomas Robinson, MD, Daniel Jones, MD, Jaisa Olasky, MD, Sharon Bachman, MD, Chan Park, MD, Philip Pucher, MD, Patricia Egerszegi, MD, David Tang, MD, Nalin Amin, MD, Erika Haase, MD, Davide D Bardana, MD, Gerald Fried, MD, Liane Feldman, MD; 'McGill University, 'University of Colorado - Denver, 'Beth Israel Deaconess Medical Center, 'Inova Fairfax Hospital, 'Duke University, 'Imperial College London, 'Université de Montréal, 'Dalhousie University, 'McMaster University, 'University of Alberta, 'Queen's University

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

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**SAGES Annual General Membership Business Meeting**

All SAGES Members are encouraged to attend!

SAGES does not offer CME for this session

**AGENDA**

President's Introduction

L. Michael Brunt, MD

Report of Ballots, Bylaws Changes, introduction of new Officers/Board Members

Tonia M. Young-Fadok, MD, MS

Committee Reports

Remarks by Incoming President

Brian J. Dunkin, MD

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*SAGES Annual General Membership Business Meeting is Open to ALL SAGES Members (*Non-CME Activity*)

**DELTA BALLROOM B**
Advocacy Luncheon “Advocacy Boot Camp”
Chair: Ross Goldberg, MD; Co-Chair: Don Selzer, MD

SESSION DESCRIPTION
As the debate over health care reform continues, surgeons are starting to realize the importance of their role in the political process, but they still do not know how to engage in that process. Surgeons need to learn how easy it is to engage the political process, and that a small investment of time can pay large dividends.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify the issues that require surgical political advocacy and input
• Demonstrate the techniques needed to be a successful political advocate
• Implement the changes into their surgical practice to allow inclusion of political advocacy

ACTIVITY OUTLINE

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<th>Faculty Name</th>
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<tr>
<td>12:15PM</td>
<td>Introduction</td>
<td>Don Selzer, MD</td>
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<tr>
<td>12:20PM</td>
<td>The Importance Of Political Advocacy</td>
<td>Don Selzer, MD</td>
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<tr>
<td>12:35PM</td>
<td>How To Be An Effective Advocate</td>
<td>Ross F Goldberg, MD</td>
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<tr>
<td>12:50PM</td>
<td>Interactive Session – Practicing Political Advocacy</td>
<td>Q&amp;A Faculty Discussion</td>
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LEARNING THEMES
PE Professional/Economic
AE Academic/Educational

SS28 Concurrent Session: Top Posters/Poster of Distinction Presentations
Moderator: Danielle S Walsh, MD; Co-Moderator: Dana Alexa Telem, MD

SAGES does not offer CME for this session
(Non-CME Activity)

P001 IMPORTANCE OF POUCH SIZE IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS –A PROSPECTIVE COHORT STUDY
David Edholm, MD, PhD1, Johan Ottosson, MD, PhD2, Magnus Sundbom, MD, PhD2, 1Uppsala University, Uppsala, Sweden, 2Orebro University, Orebro, Sweden

P002 SIMULAP AND LAPAROSCOPIC COMMON BILE DUCT EXPLORATION SIMULATOR
Sergio Rojas-ortega, MD, Emina Pasic, MD, Rachid Cesin, MD, Gerardero Reed, MD; HOSPITAL ANGELES PUEBLA

P003 FIVE YEARS FOLLOW UP AFTER TRANSVAGINAL NOTES PROCEDURES WITH HYBRID TECHNIQUE: GYNECOLOGIC ISSUES?
Anibal J. Rondan, Rosana Trapani, Gustavo C. Alarica, Alberto R. Ferreres, Pablo J. Miguel; Bocolandro

P005 PARAESOPHAGEAL HERNIA REPAIR IN THE OBSESE
Aaron J Wille, BS1, Kevin M Reavis, MD1, Christy M Dunst, MD1, Valerie J Halpin, MD1, Lee L Swanson, MD1; 1The Oregon Clinic, 2Legacy Health and Services

P006 A SYSTEMATIC REVIEW OF ANASTOMOTIC LEAKAGE ASSOCIATED RISK FACTORS FOLLOWING LAPAROSCOPIC ANTERIOR RESECTION
Shayan Arshed, MBBS, MSc1, Emin Amiralslanov1, Romi Navaratnam1, Bijendra Patel1; 1Barts Cancer Institute, 2North Middlesex University Hospital

P007 LAPAROSCOPIC VERTICAL GASTRIC PLICATION AS AN ALTERNATIVE TO SLEEVE GASTRECTOMY: COMPARISON OF POSTOPERATIVE COMPLICATIONS AND SHORT TERM OUTCOME. A CARE CONTROL STUDY.
Elie K Chouillard, MD, PhD, Naim Schoucair, MD, Elias Chahine, MD; Paris Poissy Medical Center

P008 CLINICAL OUTCOMES AFTER LAPAROSCOPIC ADJUSTABLE GASTRIC BAND (LAGB) VARY ACCORDING TO HEALTH INSURANCE CARRIER: SELF-PAY VS PRIVATE INSURANCE VS MEDICAID VS MEDICARE IN 58,317 BOLD DATABASE PATIENTS
Aviva Wallace, DO, Emma Walker, DO, Gus Slotman, MD; Inspira Health Network, Vineland Medical Center

P009 PYLOROPLASTY REVISITED: A HIGHLY EFFECTIVE TREATMENT FOR GASTROPARESIS
Thomas W Shin, MD, Piotr Krecioch, MD, James T Dove, Marie Hunsinger, RN, Matthew E Plank, PAC, Jon Gabrielsen, MD, Anthony T Petrick, MD; Geisinger Medical Center

P010 PREDICTORS FOR EXTENDED LENGTH OF STAY, 30-DAY READMISSION AND CLINICAL OUTCOME AFTER FUNDOPLICATION
Yelini Vigneswaran, MD1, Matt Giteles2, Brandon Johnson1, Brittany Lapin1, JoAnn Carbray1, Michael B Ujiki1, MD1; 1University Of Chicago, 2Northshore University HealthSystem

P011 WBC AND PLT TRENDS AFTER SPLENECTOMY
Ali Ardestani, MD, MSc, Roger T Lis, Msic, Eric Sheu, MD, PhD, Ali Tavakkoli; Brigham and Women's Hospital

P012 UMBILICAL HERNIAS: THE COST OF WAITING.
Matthew W Pettman, MD; Dean J Mikami, MD; The Ohio State University Wexner Medical Center

P013 OUTCOMES ASSOCIATED WITH PREOPERATIVE WEIGHT LOSS AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS
C Blackledge, MD1, L Graham, MPH, A Gullick, MSMPH, J Richman, MD, PhD, R Stahl, MD, J Grams, MD, PhD; The University of Alabama at Birmingham

SAGES 2015 Surgical Spring Week
Saturday, April 18, 2015
12:15PM - 1:30PM
*Included in Registration SuperPass (Option A) or Registration Option C
SS28 Concurrent Session: Top Posters/Poster of Distinction Presentations (continued)

**P014 RISK OF ANASTOMOTIC LEAK BY ANASTOMOSIS TYPE IN COLON CANCER**
Grace S Hwang, MD, Zhobin Moghadamyeghaneh, MD, Mark H Hanna, MD, Steven Mills, MD, Alessio Pigazzi, MD, PhD, Michael Stamos, MD, Joseph Carmichael, MD; University of California Irvine, School of Medicine, Orange, California

**P015 PRESENTING SYMPTOMS AS A PREDICTIVE FACTOR FOR MULTIPLE POSTOPERATIVE VISITS IN PATIENTS WITH INTACT FUNDUPLICATION FOR GERD**
Andreas Tschoner, MD, Michelle Han, MD, Michal Lada, MD, Carolyn Jones, MD, Christian Peyre, MD, Thomas Watson, MD, Jeffrey H Peters, MD; Department of Surgery Hospital Barmherzige Schwestern Linz, Department of Surgery, University of Rochester Medical Center

**P016 LAPAROSCOPIC SLEEVE GASTRECTOMY AS STAND-ALONE PROCEDURE VS. LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS IN THE SUPER OR SUPER OBSESE PATIENT**
Sungsoo Park, MD, Abraham Abdemur, MD, Jianjun Yang, MD, Emanuele LoMenzo, MD, FACS, Samuel Szomstein, MD, FACS, Raul J Rosenthal, MD, FACS; Cleveland Clinic Florida

**P017 EMERGENCY VISITS AND READMISSIONS IN AN ENHANCED RECOVERY PATHWAY: OPPORTUNITY FOR QUALITY IMPROVEMENT**
Tanya Castelino, MD, Julio F Fiore Jr., MSc, PhD, Nicolò Pecorelli, MD, Patrick Charlebois, MD, FRCSC, Sender Liberman, MD, FRCSC, FASCRS, FACS, Barry L Stein, MD, FRCSC, FACS; Cleveland Clinic Florida, 1Steinberg-Bernstein Centre for Minimally Invasive Surgery, 2Department of Surgery, McGill University Health Centre

**P018 PREDICTIVE FACTORS ASSOCIATED WITH POSTOPERATIVE Pancreatic FISTULA AFTER LAPAROSCOPIC DISTAL PANCREATECTOMY: A 10-YEAR SINGLE INSTITUTION EXPERIENCE**
Arturo III Mendoza, MD, Ho-Seong Han, MD, PhD, Soyeon Ahn, PhD, Yoo-Soek Yoon, MD, PhD, Jai Young Cho, MD, Young Rok Choi, MD; Seoul National University Bundang Hospital

**P019 THE IMPACT OF BARIATRIC SURGERY ON POLYCYSTIC OVARY SYNDROME: A SYSTEMATIC REVIEW AND META-ANALYSIS**
Daniel Skubleny, MD, Noah J Switzer, MD, Richdeep S Gill, MD, PhD, FRCSC, Mark Dykstra, MD, MPhil, Michael Ujiki, MD, MPhil, Christopher de Gara, MD, FRCSC, Daniel W Birch, MD, FRCSC, Shahzeer Karmali, MD, MPH, FRCSC; University of Alberta, Centre for the Advancement of Minimally Invasive Surgery

**P020 PROSPECTIVE TRIAL COMPARING LAPAROSCOPIC GASTRIC BANDING WITH PLICATION VERSUS LAPAROSCOPIC GASTRIC BANDING ALONE.**
Arif Ahmad, MD, FACS, FRCSC, Ashish Agarwala, DO, Zoha Ahmad, Jason Arellano, MD, Anna Marie Braslow, RN, BS, EMBA, CCRN, CNB, Lisa Messineo, RN, CDN; JOHN T. MATHER MEMORIAL HOSPITAL

**SESSION: Top 21 Videos - Expecting the Unexpected**
Chair: Kenric Murayama, MD; Co-Chair: Archana Ramaswamy, MD

**SESSION DESCRIPTION**
The session will have video presentations of unexpected operative events for 10 of the SAGES TOP 21 videos. Presenters will review 3-4 unexpected intraoperative events that occur during the normal course of the operations. The session should be attended by all surgeons and surgical trainees performing or interesting in learning advanced minimally invasive techniques.

**SESSION OBJECTIVES:**
At the conclusion of this session, participants will be able to:
• Manage unexpected situations in the operating room that occur during the course of one of the 10 laparoscopic operations presented
• Identify equipment necessary to manage these unexpected situations
• Apply these skills to relevant cases in practice

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Laparoscopic Cholecystectomy</td>
<td>Dean Mikami, MD</td>
</tr>
<tr>
<td>1:39PM</td>
<td>Laparoscopic Paraesophageal Hernia Repair</td>
<td>John Linn, MD</td>
</tr>
<tr>
<td>1:48PM</td>
<td>Laparoscopic Esophageal Myotomy</td>
<td>Michael Ujiki, MD</td>
</tr>
<tr>
<td>1:57PM</td>
<td>Laparoscopic Inguinal Hernia Repair</td>
<td>Matthew Goldblatt, MD</td>
</tr>
<tr>
<td>2:06PM</td>
<td>Laparoscopic Ventral Hernia Repair</td>
<td>Chan Park, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>Laparoscopic Gastric Bypass</td>
<td>Shanu Kothari, MD</td>
</tr>
<tr>
<td>2:24PM</td>
<td>Minimally Invasive Esophagectomy</td>
<td>Ralph Aye, MD</td>
</tr>
<tr>
<td>2:33PM</td>
<td>Laparoscopic Adrenalectomy</td>
<td>Erin Berber, MD</td>
</tr>
<tr>
<td>2:42PM</td>
<td>Laparoscopic Low Anterior Resection</td>
<td>Patricia Sylla, MD</td>
</tr>
<tr>
<td>2:51PM</td>
<td>Laparoscopic Distal Pancreatectomy</td>
<td>W. Scott Melvin, MD</td>
</tr>
</tbody>
</table>

Presentations will be 7 minutes long with 2 minutes of Q&A after each presentation.
Panel: Building and Optimizing A Surgical Practice
Chair: Brian Jacob, MD; Co-Chair: Josh Roller, MD

SESSION DESCRIPTION
This session provides the tools for successfully building a practice and reputation in both the private and academic institution environments. It addresses finding a new job, how to negotiate a contract, master face-to-face and online networking, trust building, and how to set yourself up for promotion and career advancement. We will also discuss how to implement successful marketing strategies, how to integrate mid-levels providers into a surgical practice, and how a surgeon can maximize efficiency within the hospital setting. Any resident, fellow, or surgeon interested in this should attend.

SESSION OBJECTIVES:
At the conclusion of this session, participants will be able to:
• State the most valuable attributes required to begin and grow a successful new practice
• Describe the importance marketing and social networking for professional growth
• Effectively identify and negotiate a new academic or private practice position
• Describe how successfully integrate mid-level providers into a surgical practice
• Describe strategies to maximize a surgeon’s productivity while in the hospital and avoid surgeon and family burnout

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<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
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</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>The Job Hunt, Interview, And Contract Negotiation</td>
<td>Aaron Lipskar, MD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Reputation, Reliability, And Responsiveness: Building And Maintaining A Referral Base</td>
<td>Daniel Popowich, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Increasing Revenue In A Surgical Practice: Overhead, Coding, Billing, Collecting, And Surviving In An HMO World</td>
<td>Pascal Fuchshuber, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>Successful Marketing Strategies To Grow Your Practice: PR, Internet, And Social Media</td>
<td>Josh Roller, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>How Mid-Level Providers Can Benefit A Surgical Practice</td>
<td>Atul Madan, MD</td>
</tr>
<tr>
<td>2:45PM</td>
<td>Leveraging Your Skill Set: Success Outside Of The Operating Room</td>
<td>Robin Blackstone, MD</td>
</tr>
<tr>
<td>2:55PM</td>
<td>Session Wrap Up And Discussion</td>
<td>Panel</td>
</tr>
</tbody>
</table>

LEARNING THEMES
PE Professional/Economic
Panel: Quality Practices in Surgical Education and Training

Chair: Michael Awad, MD; Co-Chair: James Bittner, MD

SESSION DESCRIPTION
This session will focus on several key concepts that are changing the landscape of surgical education delivery and assessment. A series of three lectures on topics that include assessing and comparing quality in surgical education, defining best practices in surgical simulation, understanding early specialization and how it differs from the current training model, and measuring competency by implementation of the Fundamentals of Endoscopic Surgery program. These didactics will be followed by a panel session of expert surgical educators. Individuals interested in or participating in surgical education are encouraged to attend.

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Appreciate methods to define and measure quality in surgical education
• Identify best practices in simulation-based training as it relates to minimally invasive and endoscopic surgery
• Understand the role of early specialization in the changing paradigm of surgical education and its relationship to quality initiatives
• Recognize the role of the Fundamentals of Endoscopic Surgery program in assuring basic clinical competency

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Defining and Measuring Quality in Surgical Education</td>
<td>Rajesh Aggarwal, MBBS, MA, PhD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Best Practices in Simulation-based Education and Training in Surgery</td>
<td>Neal Seymour, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Early Specialization in Surgery: A Changing Paradigm in Surgical Education</td>
<td>Mary Klingensmith, MD</td>
</tr>
<tr>
<td>2:15PM</td>
<td>Fundamentals of Endoscopic Surgery: Toward Assuring Competency</td>
<td>Jeffrey Marks, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Panel Discussion</td>
<td>Panel</td>
</tr>
</tbody>
</table>

LEARNING THEMES
AC Academic/Educational

GUIDELINES:
• Integrating Advanced Laparoscopy into Surgical Residency Training — A SAGES Position Paper (April 2009)
• Framework for Post-Residency Surgical Education & Training (July 2010)

SAGES Mini Medical School Boot Camp & Interactive Experience

Chair: James Rosser Jr, MD; Co-Chair: Richard Pierce, MD;
High School Rep/Top Gun for Kids: Elliott Powers
(Non-CME Activity)

SAGES does not offer CME for this session

Building on success of previous years, high school students from the Nashville area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. With projected physician and surgeon shortages in the future, this program is timely and hopefully will promote early decisions to join our noble profession. The day is power packed with 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 get the opportunity to show that they have the “right stuff” to join the ranks of physicians and laparoscopic surgeons. From video games that help decrease errors, to robots, to FLS and Top Gun surgical simulation drills. Make sure you do not miss this one of its kind opportunity.

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Registration/Check-in</td>
</tr>
<tr>
<td>8:00AM</td>
<td>Welcome &amp; Program Overview</td>
</tr>
<tr>
<td>8:30AM - 12:30PM</td>
<td>Hands-On Surgical Skill Development - Lab</td>
</tr>
<tr>
<td>12:30PM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00PM</td>
<td>The Interactive Experience – Classroom</td>
</tr>
<tr>
<td>1:50PM</td>
<td>Evaluation, Prizes and Closing</td>
</tr>
</tbody>
</table>

Program limited to 100 high school students.
IPEG Schedule-at-a-Glance

PRE-MEETING COURSE

Tuesday, April 14, 2015

- POSTGRADUATE LECTURE: MIS in Infants and Neonates

IPEG’S 24th ANNUAL CONGRESS

Wednesday, April 15, 2015

- Hands On Labs
- Critical Technical Skills for Neonatal and Infant Minimally Invasive Surgery
- High Fidelity Neonatal Course for the Advanced Learner
- Innovations in Simulation Based Education for Pediatric Surgeons
- Joint IPEG/SAGES Opening Ceremony/Welcome Reception

Thursday, April 16, 2015

- MORNING SCIENTIFIC VIDEO SESSION I: Coolest Tricks, Extraordinary Procedures
- Welcome Address
- SCIENTIFIC SESSION: Gastrointestinal
- PRESIDENTIAL ADDRESS & LECTURE: Surgeon, Heal Thyself
- EXPERT PANEL: Bridging the Education Gap with New Innovations
- Poster Presentation of Top 1-10 Posters of Distinction
- SCIENTIFIC SESSION: Urogenital and Single Site Surgery
- SCIENTIFIC SESSION: Basic Science and Innovations
- Joint Session SAGES/IPEG Adolescent Bariatrics
- Karl Storz Lecture
- Innovations Session

Friday, April 17, 2015

- JOINT SESSION IPEG/SAGES: Adolescent Achalasia: The Great Debate
- SCIENTIFIC VIDEO SESSION II
- SCIENTIFIC SESSION: Miscellaneous Abdominal Session
- SCIENTIFIC SESSION: Gastrointestinal, Colorectal & Hepatobiliary II
- Poster Presentation of Top 11-20 Posters of Distinction
- Keynote Lecture
- EXPERT PANEL: The Art, Science, and Ethics of Innovation
- EXPERT PANEL: What’s New in Pediatric MIS?
- SCIENTIFIC SESSION: Thorax
- Friday Night Sing Off/Main Event – Joint SAGES/IPEG Event

Saturday, April 18, 2015

- MISCELLANEOUS: Short Oral Papers
- GENERAL ASSEMBLY: Presentation of the IPEG 2016 President
- 2014 Research Award Winner Presentation
- AWARDS: Coolest Tricks, Basic Science/Innovation, and IRCAD
- Box Lunch and Closing Remarks
1. Top Gun
Coordinator: James “Butch” Rosser, MD
The Top Gun Laparoscopic Skill Shootout Station will allow participants of all levels of training to develop and improve their laparoscopic skills. The station will feature the validated “Rosser TOP GUN” skill development stations developed by Dr. Rosser and made famous at Yale. To date, over 6000 surgeons have participated around the world. Instructors will show tactics and techniques that will transfer readily into the clinical environment. In addition, participants will be completing for slots in the Top Gun Shoot Out that will crown one SAGES 2015 TOP GUN.
Objectives:
At the conclusion of this activity, the participant will be able to:
• Review the Rosser suturing algorithm
• Perform dexterity skills and suturing exercises using the “Rosser TOP GUN” training stations
• Compete with other surgeons in the Top Gun Shoot Out

2. Fundamentals of Laparoscopic Surgery™ (FLS), 2.0/VR Simulation
Coordinators: Caitlin Halbert, DO and Suvranu De, ScD
Fundamentals of Laparoscopic Surgery™ is a joint program of SAGES and ACS which is now required for board certification of general surgery residents. It was designed to teach physiology, fundamental knowledge, and technical skills that are required for competency in laparoscopic surgery. This station will introduce participants to the FLS technical tasks, as well as innovative Virtual Reality simulator (VBLaST) which has been designed to replicate these tasks in a virtual environment. The web-based content of FLS 2.0 (updated recently with fresh material) will be available to participants as well.
Objectives:
At the conclusion of this activity participants will be able to:
• Describe the components of the FLS 2.0 program
• Explain the preoperative, intraoperative, and postoperative considerations fundamental to laparoscopic surgery
• Have exposure to the technical tasks involved
• Have exposure to the tasks in an innovative Virtual Reality environment
• Have real-time feedback on their performance (including the completion time and the accuracy of their movements).
• Compare the VBLaST system to the physical FLS trainer.

3. 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 training will soon be a requirement. This station will showcase the newly developed Flexible Endoscopy training models. These models allow training in scope navigation, tissue targeting, retroflexion and loop reduction. The models are simple to make and can easily be adopted in a residency training curriculum. This station will also allow the user to utilize a virtual reality simulator for both upper and lower endoscopy.
Objectives:
At the conclusion of this activity, the participant will be able to:
• Practice valuable endoscopic skills in a reproducible model
• Perform various endoscopic tasks in a virtual reality simulator
• Evaluate the SAGES endoscopic curriculum

4. Fundamental Use of Surgical Energy™ (FUSE)
Coordinators: Thomas Robinson, MD and Suvranu De, ScD
SAGES has developed a curriculum to help with the understanding and safe use of energy devices in the operating room. This learning station will allow the user to review the science and safety behind monopolar, bipolar and ultrasonic energy devices. Participants will utilize the VEST simulator, which will introduce learners to the basic electrosurgical tasks in surgery within a high fidelity virtual reality environment using both monopolar and bipolar electrosurgical tools.
Objectives:
At the conclusion of this activity, the participant should be able to:
• Appreciate the difficulties related to the use of 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.
• Describe the physics behind common energy devices in the operating room
• Evaluate the SAGES FUSE curriculum

5. Minimal Access Surgery
Coordinator: David Renton, MD
Minimal Access Surgery includes single port surgery which is an alternative to multiple port laparoscopic surgery. There are multiple methods to gain entry into the abdominal cavity and multiple techniques to perform the operations. At this station, the user will be able to use the multiple access ports commercially available. The user will also be able to use both straight and articulating instruments to perform various tasks, including suturing on an inanimate trainer. In addition, there will be other options for the use of smaller than 5 mm instruments.
Objectives:
At the conclusion of this activity, the participant will be able to:
• Utilize other minimal access options
• Perform various laparoscopic tasks such as suturing and running bowel
• Compare Single Port surgery to traditional laparoscopic surgery
• Insert various types of Single Port Access devises
6. IPEG Education

**Coordinators:** Katherine Barsness, George Azzie, MD and Go Miyano, MD

1. **Target audience:** In-training and practicing surgeons from any field of surgery
2. **These stations will introduce a variety of emerging educational tools for basic and advanced surgical techniques unique to pediatric surgical procedures, including neonatal laparoscopy and thoracoscopy for congenital anomalies, laparoscopic pyloromyotomy, and a variety of task trainers. Participants will also learn more about, and be eligible to participate in research on, computer vision and machine learning for surgical performance assessment.

3. **Learning objectives:** At the conclusion of this activity, learners will be able to
   a. Describe the unique tasks associated with pediatric surgical patients
   b. Have technical exposure to key procedural steps of a minimally invasive operation for a congenital anomaly
   c. Determine the relevance and realism of a novel educational device for neonatal minimally invasive surgery

7. Laparoscopic Common Bile Duct Exploration

**Coordinator:** Fernando Santos, MD

Laparoscopic common bile duct exploration is a surgical technique that allows the common bile duct to be cleared of biliary stones without the need for open or endoscopic procedures. At this station participants will learn the available techniques used for laparoscopic bile duct exploration.

**Objectives:**
At the conclusion of this activity, the participant should be able to:
- Practice the techniques available for cannulating the common bile duct
- Practice various techniques for clearing the common bile duct of stones
- Interpret intraop cholangiogram to identify obstructing stones

8. Video Learning Station

**Coordinator:** Laura Doyon, MD

Video Learning is playing an increasing role in the education for surgeons. With increasing variety of procedures being done using minimally invasive techniques, there is increasing opportunity to use video for educational purposes. This station will be designed to provide topic specific education using videos in the SAGES archives. Top videos from the archives addressing the topics of Bariatric surgery, Foregut surgery, and Hernia surgery will be chosen and available to participants to learn operative techniques.

**Objectives:**
At the conclusion of this activity participants will be able to:
- Describe operative strategies pertinent to hernia and biliary surgery-focus on complex cases and complications
- Describe operative strategies for bariatric surgery – including primary operations and revisions
- Describe operative strategies for foregut surgery – including primary operations and revisions

9. Hernia Station

**Coordinators:** Philip Omotosho, MD and Dr. Igor Belyansky, MD

The SAGES inguinal hernia education program was designed to evaluate the fundamental knowledge, decision-making, and comprehensive management strategies utilized in caring for the patient with an inguinal hernia.

Via a simulated platform (DecisionSim™), participants will navigate pre-operative, intra-operative, and post-operative phases of care for a virtual patient with an inguinal hernia.

**Objectives:**
At the conclusion of activity the learner will be able to:
- Navigate the station contents through web-based interface
- Identify and manage the inguinal hernia patient
- Describe and apply appropriate operative technique and strategies in the inguinal hernia patient
- Identify and manage factors that may lead to recurrent hernia
- Develop a management plan for the post operative inguinal hernia patient with a suspected recurrent hernia
- Describe and apply appropriate operative technique in patients with a recurrent hernia
- Describe a plan for continuous quality improvement in the prevention and management of recurrence in the inguinal hernia patient

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

**SAGES acknowledges contributions in-kind in support of this venue from:**

- 3D Medical
- Applied Medical
- Covidien
- Intuitive Surgical
- Karl Storz Endoscopy
- Limbs & Things/Kyoto
- Teleflex Medical
- US Endoscopy

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**Save the Date!**

**SAGES Scientific Session & Postgraduate Course**  
March 16 - 19, 2016, Boston, MA

**SAGES Scientific Session & Postgraduate Course**  
March 22 - 25, 2017, Houston TX

**SAGES/CAGS hosted World Congress of Endoscopic Surgery**  
April 11-14, 2018, Seattle WA
Join now and enjoy the following benefits:

› Substantial discount for registration to SAGES Annual Meeting
› Cutting-edge education and professional development
› Network with 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
› ... and so much more!

SAGES Mission
Improve quality patient care through education, research, innovation and leadership, principally in gastrointestinal and endoscopic surgery.

VISIT
www.sages.org/membership

OR CALL
310. 437.0544, ext. 110
SAGES Committees

Awards
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Bylaws
Communications
Conflict of Interest Task Force
Continuing Education
Development
Educational Resources
Ethics
Finance / Assets
Flexible Endoscopy
Fundamental Use of Surgical Energy (FUSE)
Fundamentals of Endoscopic Surgery (FES)
Fundamentals of Laparoscopic Surgery (FLS)
Global Affairs
Guidelines
Hernia Task Force
Humanitarian Task Force
Legislative
Membership
Military Working Group
Nominating
Open to MIS Working Group
Pediatrics
Program
Publications
Quality, Outcomes and Safety
Research and Career Development
Resident Education
Safety in Cholecystectomy Task Force
SMART Enhanced Recovery
Technology and Value Assessment

From our Guidelines Committee to our Enhanced Recovery Taskforce to our Go Global program, there are great opportunities for involvement and leadership within SAGES.
Endorsed by 100% of SAGES U Alum
It’s a no-brainer!

Free to members, SAGES U courses offer self assessment credits, which may be used towards fulfilling Part 2 of the ABS MOC Program.

SAGES Fundamentals:
Revolutionizing Surgical Training Worldwide.

FES
Fundamentals
of Endoscopic Surgery

FLS
Fundamentals
of Laparoscopic Surgery

FUSE™
Fundamental Use of Surgical Energy
At Get Well Sooner, our new patient education initiative, our mission is to improve the overall value of patient care through promoting the adoption of and access to minimally invasive surgical techniques.

Like “Get Well Sooner” on Facebook at www.facebook.com/gwsooner
Follow @gwsooner on Twitter
SAGES Social Programs

Welcome Reception – A Slew of Equipment Debuts in the Exhibit Hall!
Date: Wednesday, April 15
Time: 5:30 - 7:30 PM
Place: Ryman Exhibit Hall C
Fee: No Fee for Registrants & registered guests
Dress: Business casual

Special promotions, presentations and entertainment. Great food!
Note: Children under the age of 14 will not be permitted in the Exhibit Hall due to safety considerations.

SAGES Gala
Evening At the Wildhorse Saloon
Dinner and Sing-Off
Date: Friday, April 17, 2015
Place: 120 2nd Ave N, Nashville, TN 37201
Time: 7:30 - 11:00 PM
Dress: Fun-Casual, wear dancing shoes
Ticket: $125.00 (for additional guests and SAGES Registration Options B & C) Please purchase your tickets in advance at the registration desk.

The Wildhorse Saloon is a country/western-themed restaurant, live music venue, and dance club located in downtown Nashville, Tennessee. Originally opened on June 1, 1994 in a converted warehouse, the Wildhorse is famous for its open bar, large atrium, and permanent stage. The Wildhorse consists of three levels, the top two levels overlook the dance floor and stage. Join us for an unforgettable evening.

The evening will conclude with the 18th International Sing-Off!

SAGES Guest/Spouse Breakfast - In Memory of Barbara Marks
Date: Thursday April 16
Time: 9:00 - 10:00 AM
Place: Convention Center, room Washington B
Cost: Included with Spouse/Guest Registration (Ticketed event – Ticket included in guest registration)

At SAGES founding, Barbara Marks, Kay Forde and other spouses were part of the backbone of the Society. We bring together our guests who include SAGES family members, both old and new, to encourage them to become part of the SAGES family. This is a great way to get involved.

SAGES Meet the Leadership Reception for New SAGES Members Residents and Fellows
Date: Friday, April 17, 2015
Time: 6:30 - 7:30 PM
Place: Opryland Convention Center – Delta A Lobby

SAGES is a family that values its new members AND new surgeons. Residents, fellows and new members: join us to chat, drink & snack with SAGES leaders many of whom are world acclaimed innovators in MIS surgery. The consummate networking opportunity.

Additional Activities
Please contact the concierge at the Gaylord Opryland Hotel (ph 1-615-889-1000) for more information and tickets on any of these activities:
- Grand Ole Opry Show (every Tuesday & Saturday at 7:00pm)
- Grand Ole Opry Backstage Tours (daily 9:00am-4:00pm)
- Ryman Auditorium Tours (daily 9:00am-4:00pm)
- General Jackson Showboat (call for schedule)

Shuttle Service will be provided to and from the Opryland Hotel – Delta Portico entrance.

The Wildhorse Saloon is a country/western-themed restaurant, live music venue, and dance club located in downtown Nashville, Tennessee. Originally opened on June 1, 1994 in a converted warehouse, the Wildhorse is famous for its open bar, large atrium, and permanent stage. The Wildhorse consists of three levels, the top two levels overlook the dance floor and stage. Join us for an unforgettable evening.

The evening will conclude with the 18th International Sing-Off!
SAGES Invited Faculty List

Gina L. Adrales, MD, MPH, Associate Professor, Geisel School of Medicine at Dartmouth, Lebanon, NH
Rajesh Aggarwal, MBBS, MA, PhD, Associate Professor of Surgery, McGill Univ., Montreal, QC, Canada
Diya I. Aleedeen, MD, Cleveland Clinic, Cleveland, OH
Nawar A. Alkhamesi, MD, PhD, Minimal Invasive Colorectal and General Surgeon, Univ. of Western Ontario, London, ON, Canada
Thomas A. Aloia, MD, Associate Professor of Surgery, UT MD Anderson Cancer Center, Houston, TX
Mehran Anvari, MD, Professor of Surgery, Chair in MIS Surgery and Surgical Innovation, McMster Univ., Hamilton, ON, Canada
Horacio J. Asbun, MD, Professor of Surgery, Chairman, General Surgery, Mayo Clinic Florida, Jacksonville, FL
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<th>Position</th>
<th>Institution</th>
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<td>Fundacion Santa Fe de Bogota</td>
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Kurt E. Roberts, MD, Associate Professor, Yale School of Medicine, New Haven, CT
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Steven Strasberg, MD, Pruett Professor of Surgery, Washington Univ. in St. Louis, Saint Louis, MO
COL Richard Strilka, MD, Helotes, TX
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Lee L. Swanstrom, MD, Clinical Professor of Surgery, Oregon Health & Science Univ., Portland, OR
Patricia Sylla, MD, Assistant Professor of Surgery, Mount Sinai Hospital, New York, NY
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Linda F. Zhang, MD, Mount Sinai School of Medicine, New York, NY
Natan Zundel, MD, Professor of Surgery, Vice-Chairman Dept. of Surgery, FIU Herbert Wertheim College of Medicine, Miami Beach, FL

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<td>Edit Existing Articles</td>
<td>Register and Participate in SAGES Resident Webinars for Free!</td>
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<td>Trudell Medical International</td>
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<td>Mehran Anvari</td>
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<td>Principle Investigator on grant for robotic ergonomics research</td>
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<tr>
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<td>Unrestricted educational grant for residency skills lab</td>
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### SAGES 2015 Surgical Spring Week

#### SAGES Faculty and Presenter Disclosures

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P01 IMPORTANCE OF POUCH SIZE IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS – A PROSPECTIVE COHORT STUDY

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P022 COLORECTAL SURGERY AND ENHANCED RECOVERY: IMPACT OF A SIMULATION-BASED CARE PATHWAY TRAINING CURRICULUM Laura Beyer-Berjot, MD1; Philipp Pucher, MRCS1; Daniel A Hashimoto, MD, MS1; Paul Ziprin, MD, FRCS1; Stéphane V Berdah, MD, PhD1; Ara Darzi, KBE, MD, FACS, FRCS, HonFREng, FMedSci1; Rajesh Aggarwal, MD, PhD, MA, FRCS1; Centre for Surgical Teaching and Research (CERC), Aix-Marseille Université, Marseille, France, 1Department of Surgery and Cancer, St. Mary’s Campus, Imperial College, London, UK, 1Department of Surgery, Massachusetts General Hospital, Boston, Massachusetts, USA, 1Arnold & Bléna Steinberg Medical Simulation Centre, McGill University, Montreal, Canada.

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P034 UNDERSTANDING PYLORIC SPHINCTER ACTIVITY USING A DISTENSIBILITY TECHNIQUE Jorge Alberto Arroyo Vázquez, MD1; Per-Ola Park, MD, Professor1; Maria Bergstrom, MD, PhD1; Stephen Bligh1, Barry P McMahon, PhD1; 1Department of Surgery, South Alvsborg Hospital & Gothenburg University, 1Academic Gastroenterology Group, 1Trinity College & Tallaght Hospital, Dublin, Ireland

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P038 LAPAROSCOPIC PERITONEAL ASPIRATION AND DRAINAGE OF COMPLICATED DIVERTICULITIS – A SINGLE CENTER EXPERIENCE Shariq Nazir, MD, Aaron Lee, DO, Alex Bulanov, MS, Michael Timoney, MD, FACS, George Ferzli, MD, FAC, 1Lutheran Medical Center

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P041 WHAT IS THE IMPACT OF CO-MORBIDITIES IN THE OUTCOMES OF LAPAROSCOPIC SURGERY FOR ELDERLY PATIENTS WITH COLON CANCER YU Sato, MD, Giovanna DaSilva, MD, Eric G Weiss, Steven D Wexner, MD; 1Cleveland Clinic Florida

P042 SHORT-TERM OUTCOMES AFTER OPEN VERSUS LAPAROSCOPIC RESTORATIVE PROCOCOLECTOMY IN PATIENTS WITH COLONIC POLYPSIS: AN ASSESSMENT FROM THE ACS NSQIP DATABASE Erman Aytaç, Özgen Isik, Feza H Remzi, James M Church, Hermann Kessler; 1Department of Colorectal Surgery, Digestive Disease Institute, 1Cleveland Clinic, OH

P043 OUTCOMES FOR SINGLE-INCISION LAPAROSCOPIC COLORECTAL SURGERY IN OBSESE PATIENTS: A CASE MATCHED STUDY Madhu Ragupathi, MD, Deborah S Keller, MS, MD, Javier Nieto, MD, Sergio Ibarra, MD, Juan R Flores-Gonzales, MD, Ali Mahmood, MD, Thomas B Pickron, MD, FAC, Eric M Haas, MD, FAC, FACS, FASCRS; 1Colorectal Surgical Associates
P047 LAPAROSCOPIC MANAGEMENT OF SPLENIC FLEXURE VOLVULUS: A CASE REPORT
Hernan R Reyes-Seplveda, MD, Marco A Juarez-Parra, MD, Ricardo Cuellar-Tamez, MD, Ulises Caballero-de la Peña, MD, Jessica S Cordova-Chavez, MD, Christus Mugerza Alta Especialidad / Universidad de Monterrey

P048 ENDOSCOPIC MUCOSAL RESECTION FOR CURATIVE EXCISION OF LARGE COLON POLYPS
Karukurichi S Venkatesh, MD, Sandra Yee, MD, Tri-City Colo-Rectal Surgery, Ltd.

P049 TUMOR SIZE DOES NOT AFFECT SURVIVAL IN STAGE 1 COLORECTAL CANCER PATIENTS
Onur Kutlu, MD, Milad Mohammadi, MD, Steven Garcia, MD, Mark Williams, MD, Sharmila Dissanaikai, MD; TTUHSC-Lubbock

P050 IMPACT OF PREVIOUS ABDOMINAL SURGERY ON RECURRENCE RATES
Tarek K Jalouta, MD, M Luchtefeld, MD, M Dull, J Ogilvie, MD, D Kim, R Figg, MD, R Dujovny, MD, R Hoedema, MD, H Slay, MD, N Jrebi, MD; spectrum health

P051 USE OF FLUORESCENT ANGIOGRAPHY IN MUCOSAL MASS
Abdul Razqque Shaikh; liaquat University of Medical Health & Sciences Jamshoro Pakistan

P052 SINGLE CENTER COMPARATIVE STUDY OF ONCOLOGIC RECURRENCE RATES
Ahmed A. Shokry, MD, PhD; Department of Surgery, University of Port Harcourt Teaching Hospital Port Harcourt Rivers

P053 THE SAFETY OF LAPAROSCOPIC SURGERY FOR COLORECTAL CANCER IN PORT HARCOURT NIGERIA: A SINGLE CENTRE EXPERIENCE
Samson Aji, MD, MCCA, MBBS, MCRCS, FRCSE; 1 University of Port Harcourt Teaching Hospital Port Harcourt Rivers, 2 Ankara University Medical Faculty General Surgery Department, 3 Ankara University Medical Faculty Microbiology Department, Ankara, Turkey, 4 Ankara University Medical Faculty Nuclear Medicine Department, Ankara, Turkey, 5 Ankara University Medical Faculty Medical Biostatistics Department, Ankara, Turkey

P054 EFFORT OF SURGERY TYPE ON TUMOR GROWTH
Ebru Esen1, Syar Ersöz1, İbrahim Ethem Gecım2, Fikret Sahin3, Ozlem Küçük1, Mustafa Ertek1, Mustafa Fillik1, Atilla Elhan1; 1 Ankara University Medical Faculty Surgical Oncology Department, 2 Ankara Numune Research and Training Hospital, 3 Ankara University Medical Faculty General Surgery Department, 4 Ankara University Medical Faculty Medical Microbiology Department, Ankara, Turkey, 5 Ankara University Medical Faculty Nuclear Medicine Department, Ankara, Turkey, 6 Diskapi Yildirim Beyazit Eğitim Arastirma Klinisi Mikrobiyoloji ve Enfeksiyon Hastalıkları, 7 Ankara University Medical Faculty Medical Biostatistics Department, Ankara, Turkey

P055 EFFECT OF SURGERY TYPE ON TUMOR GROWTH
Ebru Esen1, Syar Ersöz1, İbrahim Ethem Gecım2, Fikret Sahin3, Ozlem Küçük1, Mustafa Ertek1, Mustafa Fillik1, Atilla Elhan1; 1 Ankara University Medical Faculty Surgical Oncology Department, 2 Ankara Numune Research and Training Hospital, 3 Ankara University Medical Faculty General Surgery Department, 4 Ankara University Medical Faculty Medical Microbiology Department, Ankara, Turkey, 5 Ankara University Medical Faculty Nuclear Medicine Department, Ankara, Turkey, 6 Diskapi Yildirim Beyazit Eğitim Arastirma Klinisi Mikrobiyoloji ve Enfeksiyon Hastalıkları, 7 Ankara University Medical Faculty Medical Biostatistics Department, Ankara, Turkey

P056 NEW APPROACH TO THE MODIFIED EXTRALAVATOR ABDOMINOPERINEAL RESECTION FOR LOWRECTAL CANCER WITH DIRECT WOUND CLOSURE
Eun Jung Park, MD, Seung Hyuk Baik, MD, PhD, Jeonghyun Kang, MD, Byung Soh Min, MD, PhD, Kang Young Lee, MD, PhD, Nam Kyu Kim, MD, PhD, Seung-Kook Sohn, MD, PhD; Department of Surgery, Yonsei University College of Medicine, Seoul, South Korea

P057 SURGICAL SITE INFECTION IMPACT OF PELVIC EXENTERATION PROCEDURE
Zhobin Moghadamyeghaneh, MD, Alessio PigaZZi, MD, Michael J Stamos, MD; University of California, Irvine

P058 PROCEDURE AND THE BENEFIT OF LAPAROSCOPIC SUTURE RECTOPEXY FOR OVERT RECTAL PROLAPS IN COMPARISON WITH TRANSPERINEAL PROCEDURES
Naahide Matsubara, MD, Kiyoshi Tsukamoto, MD, Mie Yoshimura, MD, Michiko Hamanaka, MD, Naohito Beppu, Naohiro Tomita, MD; Hyogo College of Medicine

P059 ADHESION IN A PRE-STAGE ILEOSTOMY IN A RABBIT MODEL
Xiaocheng Zhu, MD, Linsen Shi, Chao Li, MD, Song Meng, MD, Hui Wang, Yadong Han; Department of General Surgery Affiliated Hospital of Xuzhou Medical College P. R. China

P060 PROLONGED ILEUS AND TYPE OF COLON RESECTION IN COLON CANCER SURGERY
Zhobin Moghadamyeghaneh, MD, Joseph C Carmichael, MD, Steven D Mills, MD, Alessio PigaZZi, MD, Michael J Stamos, MD; University of California, Irvine

P061 USE OF FLUORESCENT ANGIOGRAPHY IN MUCOSAL MASS
Abdul Razqque Shaikh; liaquat University of Medical Health & Sciences Jamshoro Pakistan

P062 ADHESION IN A PRE-STAGE ILEOSTOMY IN A RABBIT MODEL
Xiaocheng Zhu, MD, Linsen Shi, Chao Li, MD, Song Meng, MD, Hui Wang, Yadong Han; Department of General Surgery Affiliated Hospital of Xuzhou Medical College P. R. China

P063 IMPACT OF PREVIOUS ABDOMINAL SURGERY ON RECURRENCE RATES
Tarek K Jalouta, MD, M Luchtefeld, MD, M Dull, J Ogilvie, MD, D Kim, R Figg, MD, R Dujovny, MD, R Hoedema, MD, H Slay, MD, N Jrebi, MD; spectrum health

P064 PLASMA LEVELS OF KERATINOCTY GROWTH FACTOR, A PROANGIOGENIC PROTEIN, ARE SIGNIFICANTLY ELEVATED FOR 3 WEEKS AFTER MINIMALLY INVASIVE COLORECTAL RESECTION (MICR) FOR CANCER
Hmc Shantha Kumara, PhD1, Hiroimichi Miyagaki, MDPhD1, David Gaia, BS1, Xiaohong Yan, PhD1, Linda Njoh, PhD1, Cekic Vesna, RN2, Melissa M Alvarez-Downing, MD1, Richard L Whelan, MD1; 1 Department of Surgery, Mount Sinai Roosevelt Hospital, New York, NY 10019, USA, 2 Department of Gastroenterological surgery,Osaka University,Osaka, 565-0871 Japan

P065 THE SAFETY OF LAPAROSCOPIC SURGERY FOR COLORECTAL CANCER
Bo Feng, MD, Minhua Zheng, MD; Surgery Department of Ruijin Hospital,Shanghai,China

P066 MALIGNANT COLORECTAL RESECTIONS: A SINGLE CENTRE EXPERIENCE
M A Gok, S J Ward, M M Sadat, U A Khan; Macclesfield District General Hospital

P067 HAND-ASSISTED LAPAROSCOPIC versus OPEN COLECTOMY: AN ASSESSMENT FROM NSQIP PROCEDURE-TARGETED COHORT
Cigdem Benlice, MD1, Meagan Costedio, MD1, Luca Stocchi, MD1, XiaoBo Liu, MS2, Maher A Abbas, MD1, Emre Gorgun, MD1; 1 Cleveland Clinic Digestive Disease Institute, Department of Colorectal Surgery, 2 Cleveland Clinic Department of Quantitative Health Sciences, 3 Cleveland Clinic Abu Dhabi, Digestive Disease Institute

P068 FEASIBILITY AND TECHNICAL ASPECTS OF SINGLE-PORT LAPAROSCOPIC SURGERY FOR COLORECTAL CANCERS
Kozo Konishi, Gen Hidaka, Osamu Miura; Hufi Institute of gastroenterology
P079 FINANCIAL IMPLICATIONS OF LAPAROSCOPIC
P081 COMBINED APPROACH OF FULL THICKNESS DISC EXCISION
Sung Chan Park, Dae Kyung Sohn, Min Jung Kim, Kyung Su Han, Hee Jin Chang, Jee Hwan Oh; National Cancer Center

P071 IMPACT OF SURGICAL APPROACH ON SHORT TERM OUTCOMES
AFTER COLECTOMY IN ELDERLY PATIENTS: A NATIONAL SURGICAL
QUALITY IMPROVEMENT PROGRAM DATABASE ANALYSIS
(2005-2012) Umashankar Kannan, MD, Vemuru Sunil K Reddy, MD,
Amarath Mukerji, MD, Brian Gilchrist, Ajay Shah, Vellore S Parikhvile,
Daniel Farkas; Bronx Lebanon hospital center, Bronx, NY

P072 RISK FACTORS FOR SURGICAL SITE INFECTION (SSI) IN OPEN
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Iyare Esemuevede, MD, Alan Harzman, MD, Syed Husain, MD;
Ohio State University

P073 DON’T FEAR THE LEARNING CURVE FOR ROBOTIC COLORECTAL
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Imad Qayyum, MD, David Mateo de Acosta, MD, Brant Clatterbuck, David L Crawford, MD,
FACS, Steven S Tsoraides, MD; University of Illinois College of Medicine, Peoria

P074 OUTCOMES WITH USE OF TRANSMURAL HEMORRHOIDAL
DEARTERIALIZATION (THD) FOR MANAGEMENT OF HEMORRHOIDS
IN A COLON AND RECTAL PRACTICE
Beth-Ann Shanker, MD, Joseph Gallagher, MD, Andrea Ferrara, MD, Samuel DeJesus, MD, Paul
Williamson, MD, Mark Soliman, MD, Renee Mueller, MD; Colon and Rectal Clinic of Orlando

P075 SINGLE-PORT LAPAROSCOPIC COLORECTAL SURGERY
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Rafael Garcia, MD, Anwar Medellin, MD, Maria Isabel, MD,
Eduardo Londoño, MD, Javier Carrera, MD, Fernando Arias, MD; Hospital Universitario Fundación Santa Fe de Bogota

P076 DOUBLE MICIMCKY: PERFORATED SIGMOID COLON CANCER
PRESENTING AS ACUTE APPENDICITIS IN A 34-YEAR-OLD WOMAN.
Alejandro Rodriguez-Garcia, MD, Roberto Alatorre-Adame, MD, Roman
Gonzalez-Ruvalcaba, MD, Eduardo Flores-Villalba, MD; Tecnologico de Monterrey

P077 COMPARISON OF OPEN, LAPAROSCOPIC, AND ROBOTIC
APPROACHES FOR TOTAL ABDOMINAL COLECTOMY
Zobin Moghadamyegehan, MD, Mark H Hanna, MD, Grace Hwang, MD,
Joseph C Carmichael, MD, Alessio Pigazzi, MD, Michael J Stamos, MD,
Steven D Mills, MD; University of California, Irvine

P078 CREATIVE COLOSTOMY: A SIMPLE, VERY COST-EFFECTIVE
METHOD OF CREATING DIVERTING COLOSTOMY
Karukurichi S Venkatesh, MD, P S Ramanujam, MD, Sandra Yee, MD;
‘Tri-City Colorectal Surgery, Ltd., ‘West Valley Colon & Rectal Surgery

P079 FINANCIAL IMPLICATIONS OF LAPAROSCOPIC
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INFLUENCING ITS UPTAKE IN THE UNITED STATES – AN ANALYSIS
OF 22,792 PATIENTS.
Jamie Murphy, BChir, PhD, FRCS, Tonia M Young-Fadok, MS, MD;
‘St. Mark’s Hospital, ‘Mayo Clinic

P080 WOUND DISRUPTION FOLLOWING COLORECTAL OPERATIONS
Zobin Moghadamyegehan, MD, Joseph C Carmichael, MD, Steven
D Mills, MD, Alessio Pigazzi, MD, Michael J Stamos, MD; University of California, Irvine

P081 COMBINED APPROACH OF FULL THICKNESS DISC EXCISION
OF DEEP ENDOMETRIOSIS NODULES INFLTRATING THE RECTUM
Horace Roman, MD, PhD, Emmanuel Huet, MD, PD, Valerie Bridoux, MD,
PhD, Jean-Jacques Tuech, MD, PhD; Rouen University Hospital, France

P082 MINIMALLY INVASIVE COLORECTAL RESECTION (MICR)
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OSTEOPONTIN LEVELS DURING THE FIRST MONTH AFTER SURGERY
WHICH MAY PROMOTE CANCER RECURRANCE AND METASTASIS.
Hmc Shantha Kuamra, PhD, Hiromichi Miyagaki, MDPhD, Sajith
A Herath, BS, David Gaita, BS, Xiaohong Yan, PhD, Linda Njoh,
PhD, Vesna Cekic, RN, Nipa D Gandhi, MD, Richard L Whelan, MD;
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P083 TOTAL MEDIAL APPROACH FOR COMPLETE MESOCOLIC
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TO APPROACH EASILY ENSURING ONCOLOGICAL SAFETY
Masato Kondo; Kobe City Medical Center General Hospital

P084 INITIAL UTILIZATION OF PATIENT HEALTH PORTAL IS LOW IN
COLORECTAL PRACTICE
Julia Zakhaleva, MD, Andrea Ferrara, MD, Joseph Gallagher, MD, Paul Williamson, MD, Samuel DeJesus, MD,
Renee Mueller, MD, Mark Soliman, MD, Reid Vegeler, MD, Allen
Ghlandian, MD; ‘Orlando Regional Medical Center, ‘Colon & Rectal Clinic of Orlando

P085 LOWER ANTERIOR RESECTION FOR RECTAL CANCER WITH
SITUS INVERSUS TOTALIS
Yoshikage Inoue, MD, Akiyoshi Kanazawa, PhD; Kitano Hospital

P086 DOES THE DISTANCE FROM THE ANAL VERGE OF
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AND ONCLOGICAL OUTCOMES?
Francisco Schlottmann, Manuel Maya, Alejandro Sanchez Ruiz, Sebastian Guckenheimer, Maximiliano Bun,
Nicolas Rotholtz; Hospital Aleman of Buenos Aires

P087 GEOGRAPHIC TRENDS IN MINIMALLY INVASIVE SURGERY
FOR COLORECTAL CANCER
Emmanuel M Gabriel, MD, PhD, Pragatheeshwar Thirunavukarasu, MD, Kristopher Attwood, PhD, Boris
Kuvshinoff, MD, Steven Hochwald, MD, Steven Nurkin, MD; Roswell Park Cancer Institute

P088 LAPAROSCOPIC RESTORATIVE PROCTOCOELOCTOMY AND
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POLYPOSIS IS SAFE IN SHORT-TERM OUTCOMES COMPARE WITH
OPEN SURGERY
Kiyoshi Tsukamoto, MD, PhD, Nagahide Maburas, MD, PhD, Masashi Takemura, MD, PhD, Masafumi Noda, MD, PhD,
Tomoki Yamano, MD, PhD, Naohito Beppu, MD, Mie Yoshimura, MD, Masayoshi Kobayashi, MD, Michiko HamaHana, MD, Naohiro Tomita, MD, PhD; Department of Surgery, Hyogo College of Medicine

P089 LAPAROSCOPIC VERSUS OPEN RESECTION FOR T4 COLON
CANCER: A CASE-MATCHED CONTROL STUDY
Li-Yong Huang, Xinxiang Li, San-Jun Gai, Guo-Xiang Cai, Ye Xu; FUDAN UNIVERSITY SHANGHAI CANCER CENTER

P090 EFFICACY OF SINGLE PORT LAPAROSCOPIC COLORECTOMIES
FOR COLON CANCER USING 3D VISUALIZATION WITH CORDLESS
ULTRASONIC DISSECTION DEVICE
Toshimasa Yatsuoka, Yusuke Nishizawa, Yoji Nishimura, Matsumi Amikura, Yoshiyuki Kawashima,
Hirohiko Sakamoto, Yoichi Tanaka, Kazuhisa Ebara, MD; Saitama Cancer Center

P091 USE THE THIRD ARM: A RELIABLE AND RELEVANT WAY TO
TEACH ROBOTICS
Jeffrey R Watkins, MD, Housam G Osman, MD, Rohan Jeyarajah, MD; Methodist Dallas Medical Center

P092 TEACHING PERORAL ENDOSCOPIC MYOTOMY (POEM) TO
PRACTICING SURGEONS: AN “INTO THE FIRE” PRE-/POST-TEST
CURRICULUM
Maria A Cassera, BS, Maria A Cassera, BS, Lee L Swanstrom, MD, Michael B Ujiki, MD, Kristopher Attwood, PhD, Boris
Kuvshinoff, MD, Steven Hochwald, MD, Steven Nurkin, MD; Roswell Park Cancer Institute

P093 TRAINING SURGICAL RESIDENTS TO PERFORM CRITICAL CARE
FOCUSED ECHOCARDIOGRAPHY
Heidi J Miller, MD, MPH, Katarzyna Wolanin, MD, Pak S Leung, MD; Albert Einstein Healthcare Network
**POSTER LISTING**

**P094 FACE VALIDATION OF THE VIRTUAL ELECTROSURGERY SKILL TRAINER (VEST)**
Ganesh Sankaranarayanan, PhD1; Baichun Li, MS2; Amie Miller, MD1; Husnna Wakify, MD1; Stephanie B Jones, MD1; Steven Schwartzberg, MD1; Daniel B Jones, MD, MS1; Suhranu De, ScD1; Jaisa Olasky, MD1; Rensselaer Polytechnic Institute, School of Mechanical Engineering and Automation, Northeastern University, Sheyang, China, 2Boon School of Medicine, Wright State University, Dayton, Ohio, 3Beth Israel Deaconess Medical Center, Boston, MA, 4Cambridge Health Alliance, Cambridge, MA, 5Mount Auburn Hospital, Cambridge, MA

**P095 EFFECTIVENESS OF ROBOTIC SIMULATION TRAINING**
Jeffry T Zern, MD; Christiana Care Health System

**P096 SINGLE INCISION TRANSUMBILICAL LAPAROSCOPIC-ASSISTED APPENDECTOMY PERFORMED BY SURGICAL RESIDENTS IS SAFE AND FEASIBLE**
Kazuhiro Endo, MD1; Dai Kujirai, MD1; Hiroharu Shinozaki, MD1; Hirako Maeda, MD1; Hiroki Ozawa, MD1; Yuiriko Kuriya, MD1; Tadashi Matsuoka, MD1; Ryo Nakanishi, MD1; Yuko Kumagai, MD1; Takashi Ishida, MD1; Toshiaki Terauchi, MD1; Masaru Kimata, MD1; Kenji Kobayashi, MD1; Naohiro Sata, MD1; Saiseikai Utsunomiya Hospital, Department of Surgery, Keio University, Department of Emergency medicine, Jichi Medical University, Department of Surgery

**P097 THE PERFORMANCE AND IMPACT OF RURAL MINIMALLY INVASIVE SURGERY FELLOWSHIPS**
James Patrick Ryan, MD1; Andrew J Borgert, PhD1; Kara J Kallies, MS1; Lea M Carlsson, RNC1; Howard McCollister, MD1; Paul A Severson, MD1; Shamu N Kothari, MD1; Minnesota Institute for Minimally Invasive Surgery, Gundersen Medical Foundation, Gundersen Health System

**P098 RECOGNITION OF PRIOR LEARNING: A PROMISING TOOL IN THE SELECTION OF SURGICAL TRAINEES; A LAPAROSCOPIC SIMULATION STUDY**
Salim Abunnaja1, C. Keith White, MD1; Shohan Shetty, MD1; J. Alexander Paley, MD1; FACS1; Saint Mary’s Hospital, UT Southwestern Medical Center

**P099 THE IMPACT OF TEXT PAPER IMPLEMENTATION ON AN URBAN HOSPITAL SURGICAL SERVICE**
Jennifer A Montes, MD, MPH1; Deo Davis, Sam Johnson, Robert A Andrews, MD1; Yurie Dudley, MD1; North Shore LJU Lenox Hill Hospital

**P100 CONSTRUCT VALIDITY OF A TRAINING MODEL FOR LAPAROSCOPIC HELLER MYOTOMY AND DOR FUNDUPLICATION USING THE GOALS SCORE**
Omar Bellorin, MD1; Sharma Saurabh, MD1; Alexander Ramirez-Valderrama, MD1; Paul Lee, MD1; New York Hospital Queens / Weill Cornell Medical College

**P101 NOVEL DEVICE FOR TARGETING TUMORS IN LAPAROSCOPIC GASRECTOMY - THE IMPORTANCE OF THE FIRST ASSISTANT-**
Ryohei Watanabe, MD, PhD1; Yoichi Nakamura, Sayaka Nagao, Kazuhiro Takabayashi, Toshiyuki Enomoto, Koji Asai, Manabu Watanabe, Yoshihisa Saida, Shinia Kusachi, Jiro Nagao; Toho University Ohashi Medical center, Department of Surgery

**P102 COMPARISON OF OPERATIVE TIMES IN A NEW SURGICAL RESIDENCY WITH AND WITHOUT LAPAROSCOPIC SIMULATOR TRAINING**
Asha Bale, MD, Lindsay Hallas, DO1; Joshua R Klein, DO1; Palisades Medical Center

**P103 PROSPECTIVE VALIDATION OF ROBOTIC SURGERY SIMULATOR FOR GENERAL SURGEONS**
Beatriz Martin-Perez, MD1; Sergio Larach, MD1; Paula Veldhius, Lawna Hunter, BA1; Pablo Arnoletti, MD1; Matthew Albert, MD1; Steve Eubanks, MD1; Sebastian De la Fuente, MD1; Florida Hospital

**P104 LONG-TERM KNOWLEDGE RETENTION FOLLOWING SIMULATION-BASED TRAINING FOR ELECTROSURGERY: 1 YEAR FOLLOW-UP OF A RANDOMIZED-CONTROLLED TRIAL**
Amin Madani, MD1; Yusuke Watanabe, MD1; Melina C Vassiliou, MD1; Pascal Fuchshuber, MD1; Daniel B Jones, MD1; Steven D Schwartzberg, MD1; Gerald M Fried, MD1; Liane S Feldman, MD1; McGill University, Kaiser Medical Center, Beth Israel Deaconess Medical Center, Cambridge Health Alliance

**P105 SAGES MINI MED SCHOOL: INSPIRING HIGH SCHOOL STUDENTS THROUGH EARLY EXPOSURE TO THE FIELD OF SURGERY**
James C Rosser, MD, FACS1; Charles Jacobs, BS1; Raymond Price, MD, FACS1; Advanced Laparoscopic Surgeons; UCF College of Medicine, 2UCF College of Medicine, 3Intermountain Health care

**P106 TAXONOMY OF INSTRUCTIONS GIVEN TO RESIDENTS IN LAPAROSCOPIC CHOLECYSTECTOMY**
Yuanyuan Feng, MS1; Christopher Wong, MS1; Helena Mentis, PhD1; Adrian Park, MD2; University of Maryland, Baltimore County, 3Anne Arundel Medical Center

**P107 DEVELOPMENT OF THE SURGICAL ASSISTANCE SCORE (SAS)**
Susannah M Wyles, MD, PhD1; Edward Kim, MD1; Eric Haas1; Nabil Tariq1; Bidhan B Das1; Michael Snyder1; Brian J Dunkin1; UCSF; Colorolecular Surgical Associates, 1Houston Methodist Hospital, 2Colon and Rectal Clinic of Houston

**P108 EDUCATION AND INTRODUCTION OF LAPAROSCOPIC GASTRECTOMY**
Kook Nam Han, MD, PhD, Hyun Koo Kim, MD, PhD, Hyun Joo Lee, RN, Young Ho Choi, MD, PhD; Korea University Guro Hospital, Korean University College of Medicine

**P110 COMPARISON OF CORRELATIONS OF TWO CONSOLE BASED VIDEO GAMES WITH VALIDATED MIS PARTIAL TASKS AND INTRACORPOREAL SUTURING**
James Jr. C Rosser, MD, FACS1; Xinwei Liu, BS1; Celebration Hospital, University of Central Florida, College of Medicine

**P111 DEVELOPMENT OF A FORMATIVE FEEDBACK TOOL FOR ADVANCED LAPAROSCOPIC SUTURING**
Katherine M McKendy, MD1; Yusuke Watanabe, MD1; Elif Biligci1; Ghada Enani, MBBS2; Mo Yu Liny3; Talla Raja1; Munshi Amani, MD1; Rajesh Aggarwal, MBBS, MA, PhD1; Liane S Feldman, MD1; Gerald M Fried, MD1; Melina C Vassiliou, MD1; McGill University Health Centre, McGill University

**P112 VALIDATING NOVEL PORTABLE THREE-DIMENSIONAL MODELS BASED ON MISTELS FOR TRAINING AND EVALUATION OF LAPAROSCOPIC SKILLS: - ARE THEY GOOD ENOUGH TO PREPARE SURGEONS FOR 2D AND 3D BASED LAPAROSCOPIC SURGERY?**
Alpa J Morawala, MBBS, MSc1; Walid S Elbakbark, MBChc, MSc, MRCS1; Badriya Alaraimi, MD, MSc, MRCS1; Bijendra Patel, FRCS1; Queen Mary University of London, Bart Cancer Institute, Royal London Hospital

**P113 CANADIAN PARTICIPATION IN SAGES RESIDENCE COURSES IS ASSOCIATED WITH HIGHER RATE OF SOCIETY MEMBERSHIP**
Nava Aslani, MD, MHSc, FRCS, Nawa Al Khamesi, MD, PhD, FRCS, FCCEd, FRCS, Christopher M Schlachta, MD; CSTAR/London Health Sciences Centre, Department of Surgery, Western University, LONDON, CANADA

**P114 “SEE ONE, DO ONE, TEACH ONE”: INADEQUACIES OF CURRENT METHODS TO TRAIN SURGEONS IN Hernia repair**
Adrian Park, MD1; Hamid R Zahiri, DO1; Carla Pugh, MD1; Melina Vassiliou, MD1; Guy R Voeller, MD1; Anne Arundel Medical Center, University of Wisconsin, McGill University, University of Tennessee

**P115 EVALUATION AND IMPRESSIONS OF A SMARTPHONE CAMERA SETUP FOR THE LAPAROSCOPIC BOX TRAINER**
Ibrahim J Jabbour, MD, MPH1; Shohan Shetty, MD, Michael Russo, MD; UT Southwestern Medical Center, Dallas, TX

**P116 KNOWLEDGE TRANSFER AND TRANSFORMATION: EMPOWERING WEIGHT LOSS SURGERY PATIENTS WITH WEBSITE AND SOCIAL MEDIA**
Diana Lawlor, MD1; RN, NP1; James Ellsmere, MD, MSc, FRCS, FACS, Maureen Tilley, PDI, BScAHN; Capital Health
**P117 THE IMPACT OF A NATIONAL LAPAROSCOPIC SKILLS COMPETITION ON USE OF SURGICAL SIMULATORS**
Greig L McCreery, MD, BScC; Christopher M Schlachta, MD; London Health Sciences Centre; Western University; 'Canadian Surgical Technologies and Advanced Robotics (CSTAR); London HSC; Western University

**P118 INCREASING COMPLIANCE WITH THE WHO SURGICAL SAFETY CHECKLIST**
A REGIONAL HEALTH SYSTEM'S EXPERIENCE
Matthew E Giteis, BS; Adelaida Kaczynski, BS, Torin Shear, MD, Mark Deshur, MD, Annalyn Chiu, Mohammad I Beig, BBA, Meredith Sefa, Jonathan Silverstein, MD, Michael B Ujiki, MD; NorthShore University HealthSystem

**P119 DOES 3D VISION MAKE A DIFFERENCE IN LAPAROSCOPIC SKILLS ACQUISITION? A RANDOMIZED CONTROLLED TRIAL**
Jirong Lu, MBBS, MRCs, Jesse Hu, MBBS, FRCS, Wee Boon Tan, MBBS, FRCS, Davide Lomanto, MD, PhD, FAMS; National University Hospital, Singapore

**P120 DEMONSTRATED PROFICIENCY IN FUNDAMENTALS OF LAPAROSCOPIC SURGERY SKILLS MAY REQUIRE FEWER REPETITIONS.**
Albert Y Huang, MD, Victor Wilcox, MD, Brian Dunkin; Houston Methodist

**P121 A SYSTEMATIC REVIEW OF VALIDATION METHODS FOR VIRTUAL REALITY SIMULATORS**
Ali N Bahsoun; 1Department of Surgery, Ishinomaki red cross hospital, 2Department of Surgery, Tohoku University Graduate School

**P122 VIDEO TAPE REVIEW PROGRAM TO ENHANCE RESIDENT TRAINING IN LAPAROSCOPIC INGUINAL HERNA REPAIRS**
Ryota Tanaka, MD, PhD, Yalini Vigneswaran, MD, John Linn, MD, JoAnn Carbray, BA, Woody Denham, MD, Stephen Haggerty, Michael Ujiki, MD; Department of Surgery, Section of Minimally Invasive Surgery, NorthShore University HealthSystem

**P123 STYLIZED LAPAROSCOPIC ANTERIOR RESECTION IN OUR HOSPITAL – FOR SURGICAL RESIDENTS TO EASILY UNDERSTAND**
Takeshi Yanaoita, Makio Mike, Hirotao Honjo, Nobuyusai Kano, Hiroshi Kusanagi; Kamed Medical Center

**P124 A MULTICENTER NEEDS ASSESSMENT FOR IMPROVEMENTS IN MIS AND FLEXIBLE ENDOSCOPY TRAINING FOR SURGERY RESIDENTS**
Aimee K Gardner, PhD; 1Department of Surgery, Ishinomaki red cross hospital, 2Department of Surgery, Tohoku University Graduate School

**P125 GOAL SETTING PROGRAM IN SURGICAL TRAINING CURRICULUM TO IMPROVE LAPAROSCOPIC SKILLS**
Ryota Tanaka, MD, PhD, Yalini Vigneswaran, MD, Francis DeAsis, BS, BA, JoAnn Carbray, BA, Alexandre Derevianko, MD, Michael Ujiki, MD; Department of Surgery, Section of Minimally Invasive Surgery, NorthShore University HealthSystem

**P126 FACE VALIDATION OF A VIRTUAL TRANSLUMENAL ENDOSCOPIC SURGERY TRAINING (VTES(TM))**
Kurt Roberts, MD, FACS; Denis Dorozhkin, PhD; Woonin Ahn, PhD; Tansel Halic, PhD; Ganesh Sankaranarayanan, PhD; Suvarru De, ScD; 'Yale School of Medicine, 'Rensselaer Polytechnic Institute, 'University of Central Arkansas

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Richard Castillo, MD; Juan Alvarado, MD, Cristóbal Maiz, MD, Billeke Pablo, MD, PhD, Andrea Vega, RN, Nicolás Jarufe, MD, Camilo Boza, MD; 'Escuela de Medicina, Pontificia Universidad Católica de Chile, 'Universidad del Desarrollo de Chile

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Sahil Gambhir, BMSc; Caroline Moon, BS, Rama Gupta, BS, Pam Haan, RN, BSN, Cheryl Anderson, RN, BSN, MSA, Alan Davis, PhD, Terry McLeod, RN, BSN, Deb Collier, RN, BSN, MA, Nashwa Khogali, DO, MSA, David Henry, MD, Derek Ornelds, MD, Srinivas Kavuturu, MD; Michigan State University

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Salvatore Docimo, Jr., DO, MS, Alyssa Butt, BS, Vadim Meytes, Christopher Zambrano, Fausto Vincenzo, Michael Timoney, George Ferzli; Lutheran Medical Center

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Guillermo Peralta, Denisse Lorena Sepulveda, MD, Zandur de Real-Romo, MD, Roberto Alatorre, MD, José Antonio Diaz-Elizondo, MD; Instituto Tecnológico de Estudios Superiores de Monterrey

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1Minimally Invasive New Technologies, Weil Cornell Medical College & New York Presbyterian Hospital, ‘Section of Colon and Rectal Surgery, Weil Cornell Medical College & New York Presbyterian Hospital, ‘Rockefeller University, New York

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P204 INTRAOPERATIVE ASSESSMENT OF ESOPHAGO-GASTRIC JUNCTION DISTENSIBILITY DURING LAPAROSCOPIC FUNDOPPLICATION USING ENDOLUMINAL FUNCTIONAL LUMEN IMAGING PROBE DEVICE (ENDOFLIP) Elizabeth A Schoenfeldt¹, Matthew J Freich, MD, Reece K DeHaan, BA², Jon C Gould, MD²; ¹UW-Madison, Medical College of Wisconsin, ²University of Wisconsin

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P219 INCISIONAL HERNIA REPAIR IN PATIENTS OF CAPD: OPTIMIZING OUTCOMES BASED ON THE NEW SAGES GUIDELINES Brian P Rose, MS, MPhi, F A Morfesis, MD; Owen Drive Surgical Clinic of Fayetteville, PLLC

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P225 ABDOMINAL WALL RECONSTRUCTION UTILIZING XCM BIOLOGIC TISSUE MATRIX Rachel Andrew, MD, Ryan Juza, MD, Ann Rogers, MD, Jerome LynSue, MD, Randy Haluck, MD, Eric Pauli, MD; Penn State Hershey Medical Center

P226 COMBINED ENDOSCOPIC AND CONSERVATIVE TREATMENT FOR COMPLICATED SPORTSMAN HERNIA Moshe Dudai, MD; Hernia Excellence, Ramat Aviv Medical Center, Tel aviv

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P228 UTILITY OF CHEST X-RAY IN DIAGNOSING PARAESOPHAGEAL HERNIA Abdullah Alenazi1, Lawrence Stein1, Jana Taylor2, Nayef Alqahtani2, Melina Vassiliou1, Liane Feldman1, Pepa Kancheva1, Amin Madani1, Gerald Fried1; Departments of Surgery, McGill University Health Center, Montreal, Canada., 2Departments of Diagnostic Radiology, McGill University Health Center. Montreal, Canada.

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P230 LAPAROSCOPIC REPAIR OF INCISIONAL HERNIA AFTER KIDNEY TRANSPLANTATION: A CASE REPORT Hernan R Reyes-Sepulveda, MD, Sebastian Arana-Garza, MD, Marco A Juarez-Parra, MD, Ulises Caballero-de la Peña, MD; Christus Mugherza Alta Especialidad / Universidad de Monterrey

P231 VENTRAL HERNIA REPAIR UTILIZING CENTRALITY BARS MESH WITH BALLOON ANCHOR SYSTEM: A NEW 3 TROCAR TECHNIQUE REDUCING PAIN AND RECURRENCE POST-OPE RATORY Raqui W Sadek, MD, FACS, Andrew M Wassef, BS; Rutgers Robert Wood Johnson Medical School

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P235 COMPARISON OF RECURRENCE RATE BETWEEN SLIT MESH AND NON-SLIT MESH IN LAPAROSCOPIC TOTALLY EXTRA PERITONEAL INGUINAL HERNIA REPAIR Chatree Maimun, MD, Sarrath Sutthipong, MD, Poschong Suesat, MD, Petch Kasetsuwan, Panot Yimcharoen, MD; Bhumibol Adulyadej Hospital

P236 TWO PORTS LAPAROSCOPIC INGUINAL HERNIA REPAIR IN CHILDREN Medhat Ibrahim, MD, RCMC

P237 PRIMARY CLOSURE OF HIATAL DEFECTS USING A UNIDIRECTIONAL BARBED SUTURE WITH AND WITHOUT THE USE OF MESH Abraham Betancourt, MD, Abraham Abdurah, MD, Armando Rosales-Velderrain, MD, Emanuele LoMenzo, MD, FACS, Samuel Szomstein, MD, FACS, Paul J Rosenthal, MD, FACS; Cleveland Clinic Florida

P238 NOVEL SURGICAL PARADIGM AND TECHNIQUE: APPLYING PHYSICS TO INCISIONAL/VENTRAL HERNIA REPAIRS Francis Baccay, MD, Hanna Alemayehu, MD, Jai P Singh, MD, Irene J Lo, Arpit Amin, MD, Alexander Harrington, MBA, Hunter Benvenuti, MD, David Y Cho, Finny George, Sarah P Cate, MD; Westchester Medical Center

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P240 LAPAROSCOPIC REMOVAL OF MESH FOR INGUINODYNIA FOLLOWING LAPAROSCOPIC INGUINAL HERNIA REPAIR Douglas Fenton-Lee, MB, BS, FRACS1, John Garvey, BSc, MB, BS, DPhil, FRACS, FACS, CIME2; Kurt Verscheur, MB, BS, FRACS, John Read, MB, BS, FRANZCR, DDU3; 1St Vincents Hospital, Sydney, 2Goin Pain Clinic, 3Castlegear Sports Imaging

P241 THE USE OF SIMULTANEOUS TRANSVERSUS ABDOMINUS MUSCLE RELEASE (TAR) FOR REPAIR OF ABDOMINAL WALL DEFECT AFTER SOFT TISSUE TUMOR EXCISION. Jeffrey A Blatnik, MD, Eric M Pauli, MD, John Ammori, MD, Julian Kim, MD, Yuri Novitsky, MD; 1University Hospitals Case Medical Center, 2Penn State Hershey Medical Center

P242 TRAUMATIC PARAHIATAL HERNIA CONTAINING REMNANT STOMACH Ruchir Puri, MD, Steven P Bowers, MD; 1Mayo Clinic Health System, 2Mayo Clinic, Florida

P243 LAPAROSCOPIC VENTRAL HERNIA REPAIR Hideaki Tsutsumida, Mitsuobu Uto, Mari Kamimura, Toshio Kamimura; Kamimura Hospital

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P262 THE UTILITY OF TWO INCISIONAL LAPAROSCOPIC UNFOILING OF LIVER CYSTS COMPARED WITH SINGLE INCISIONAL LAPAROSCOPIC SURGERY Jun Hanako, MD, PhD, Hideki Kawasaki, MD, PhD, Masamitsu Harada, MD, PhD, Hiromi Otani, MD, PhD, Masahiko Fujii, MD, PhD, Kazunori Tokuda, MD; Ehime Prefectural Central Hospital

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P267 EFFECT OF SURGICAL ENERGY USAGE on CLINICAL PATHWAY of LAPAROSCOPIC CHOLECYSTECTOMY: RESULTS OF A TRIPLE BLIND RANDOMIZED STUDY Brij B Agarwal, MS1, Juhil D Nanavati, MBBS, Nayan Agarwal, MBBS, S2, Kumar Manish, DNB, Satish Saluja, MD, Naveen Sharma, MS, 1 Ganga Ram Institute of Postgraduate Medical Education & Research and Sir Ganga Ram Hospital India, 2 University College of Medical Sciences, University of Delhi, India

P268 LAPAROSCOPIC Pancreateodontoduodenectomy: A NOVEL APPROACH WITH EXPERIENCE OF 60 CASES Weifei Jin, MD, Yiping Mou, MD, FACS, Xiaowu Xu, MD, Renciao Zhang, MD, Miaozen Zhang, MD, Jiafei Yan, MD; Department of General Surgery, Sir Run Run Shaw Hospital, Zhejiang University

P269 ROLE OF LAPAROSCOPY in MANAGEMENT of LIVER HYDRATID DISEASE: A TERTIARY CARE INSTITUTE EXPERIENCE Ravinder Pal Singh Babra, MBBSMS, Jaspal Singh, MBBS, MS, DN; Atul Mishra, MBBS, MS, Ashish Ahuja, MBBS, MS, Amandeep Nar, MBBS, MS, Ashvinid Bawa, MBBS, MS; Damanand Medical College & Hospital Ludhiana Punjab India

P270 USAGE OF A SOFT-COAGULATION DEVICE FOR HEMOSTASIS of TOTAL LAPAROSCOPIC HEPATECTOMY: DETACHMENT and TRANSECTION OF BLOOD VESSELS USING a MONOPOLAR SOFT-COAGULATION DEVICE Mitsuo Miyazawa, MD, FACS, Masayasu Aikawa, MD, Katsuyuki Okada, Yuichiro Watanabe, Kojun Okamoto, Shigeki Yamaguchi, Isamu Koyama; Saitama Medical University International Medical Center

P271 FULLY ROBOTIC WHIPPLE VS OPEN : EARLY EXPERIENCE Alejandro Mejia, MD, Jose R Soto, Stephen S Cheng, MD, Carlos Fasola, MD, Tarek Kahn, Richard Dickerman, MD; Methodist Dallas Medical Center

P272 LAPAROSCOPIC Cholecystectomy in Mauritania About 742 CASES Ahmedou Moulaye IDRISSI; National Hospital Center

P273 Gallbladder stone disease (GSD) and its Complications Anibyl J. Rondan, Marcelo Fasano, Rosana Trapani, Gustavo C Alarica, Pablo J Miguel, Julieta Carmellone, Alberto R. Ferreres; Bocalandro

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P275 LAPAROSCOPIC Cholecystectomy in Situs Inversus Totals with literature review Turki Al Qurashi, MD, Asem Ghassoupi, MD, FACS, MRCPs, Omar Sadiieh, MD, FACS, MRCPs, Abdul Rahman Al Abas, MD, 1 security forces hospital-Makkah, 2 saad Specialty Hospital

P276 LAPAROSCOPIC Spleenectomy for idiopathic thrombocytopenic purpura using LEAGERT METHOD Takeshi Asai, Takeshi Naitoh, Takanori Morikawa, Katsuyuki Kudoh, Shinebu Ohnnuma, Naoki Tanaka, Tomoya Abe, Hiroaki Musha, Michiaki Unno; Department of Surgery, Tohoku University Graduate School of Medicine.

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P280 Near-infrared fluorescent cholangiography does not facilitate the identification of biliary anatomy in acute cholecystitis during laparoscopic cholecystectomy Jennifer Schwartz, MD, Sylvester Osayi, MD, Michael P Meara, MD, Peter Muscarella, MD, Kyle A Perry, MD, Umer I Chaudhry, MD, Daniel A Eiferman, MD, W. Scott Melvin, MD, Jeffrey W Hazey, Vimal N Narula, MD; The Ohio State University Wexner Medical Center, 1 Kaiser Permanente, San Diego, CA, 2 Montefiore Medical Center
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P282 KNOTLESS CHOLEDOCHORAPHY WITH BARBED SUTURE, SAFE AND FEASIBLE. Luis C Fernandez, MD1, A Toriz, MD1, J Hernandez, MD1, A Cuendis, MD2, C F Cervantes, MD1, 1Hospital General Zona Norte Puebla, 2Hospital General "Dr. Manuel Gea Gonzalez", 1Hospital General ISSSTE Puebla

P283 LAPAROSCOPIC LEFT LATERAL SECTIONECTOMY CAN BE STANDARD OPERATION EVEN IN PATIENTS WITH CIRRHOSIS Chami Im, Jai Young Cho, Ho-Seong Han, Yoo-Seok Yoon, YoungRok Choi, Wooyung Lee; Departments of Surgery, Seoul National University Bundang Hospital

P284 ERGONOMIC IMPLICATIONS OF VARIATIONS IN SUB-XYPHOID PORT PLACEMENT DURING LAPAROSCOPIC CHOLECYSTECTOMY Lawrence N Cetruilo, MD, Pak Leung, MD, Amit Joshi, MD; Einstein Medical Center Philadelphia

P285 ACUTE GALLSTONE PANCREATITIS IN THE ELDERLY: LAPAROSCOPIC BILIARY SURGERY IS SAFE AND FEASIBLE WITHOUT PRE-OPERATIVE IMAGING Ahmad Mirza, Haitham Qandeel, Samer Zino, Ahmad Nassar; Monkslands District General Hospital, Airdrie, United Kingdom

P286 TOTAL SHARP DISSECTION FOR LAPAROSCOPIC CHOLECYSTECTOMIES Daniel Gomez, MD, Pedro Villadiego, MD, Cesar Guevara, MD, Cristian Gomez, MD, CPO

P287 TWO PORT LAPAROSCOPIC CHOLECYSTECTOMY USING 10 MM UMBILICAL PORT AND 5 MM EPIGASTRIC PORT WITH STANDARD INSTRUMENTS Op Singh, MBBSMS, Ashwani Kumar; Government Medical College and Rajindra Hospital, Patiala, India

P288 “THE BLACK LIVER CASE” Sergio Rojas-ortega, MD, Emina Pasic; 1Easton Hospital, 2Drexel University School of Medicine

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P291 IATROGENIC BILIARY INJURIES: MULTIDISCIPLINARY MANAGEMENT IN A MAJOR TERTIARY REFERRAL CENTER Ibrahim A Salama, MDPHd, Department of Hepatobiliary Surgery, National Liver Institute, Menophy University, Egypt

P292 TRANSUMBLICAL SINGLE-INCISION LAPAROSCOPIC DEROOFING FOR HEPATIC AND SPLENIC CYSTS Takeshi Gocho, MD, Takeyuki Misawa, MD, PhD, Koichiro Haruki, MD, PhD, Ryota Saito, MD, PhD, Tadashi Akita, MD, PhD, Katsuhiko Yanaga, MD, PhD; Jikei University School of Medicine

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P295 FACTORS INFLUENCING CONVERSION AND COMPLICATIONS OF ELECTIVE LAPAROSCOPIC CHOLECYSTECTOMY IN A NIGERIAN HOSPITAL Adewole O Aridola, MBChB, FWACS, FMICS, DMAS, Olalekan Olaseinde, FWACS, Olusegun I Alatise, FWACS, FMICS, MSc, Oladejo Lawal, FMICS, FWACS; Obafemi Awolowo University

P296 EFFECTIVE AND COST EFFICIENT MODEL FOR DIABETES SCREENING/DIAGNOSIS AND ASSESSMENT OF DIABETIC MANAGEMENT IN A COMMUNITY-BASED, THIRD-WORLD SETTING Mustafa H Alibhai, MD1, Mufadal M Moosabohy, MD2, Elizabeth Littlejohn, MD2, Rebecca Lipton, PhD2; 1BMI of Texas, 2Hindsdale Pediatric Associates, 1University of Chicago

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P303 THE ALIMENTARY CANAL SUTURE BY THE LAPAROSCOPIC SURGERY USING V-LOC THREAD. Shigehiko Yagi, MD, Makotoa Shirai, MD, Masanori Hottchi, MD; Ehime Prefectural Central Hospital

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P305 NOVEL USE OF SPY ELITE IN ESOPHAGECTOMY WITH COLONIC INTERPOSITION GRAFT Jeffrey R Watkins, MD, Houssam G Osman, MD, Rohan Jeyarajah, MD; Methodist Dallas Medical Center

P306 WHICH CAUSES MORE ERGONOMIC STRESS: LAPAROSCOPIC OR OPEN SURGERY? Robert Wang, Zhe Liang, Ahmed M Zihni, MD, MPH, Shuddhadeb Ray, MD, Michael A Awad, MD, PhD; Washington University School of Medicine

P307 SAFETY AND EFFICACY OF AN ELECTROTHERMAL BIPOLAR VESSEL-SEALING DEVICE IN SEALING AND DIVISION OF THE INFERIOR MESENTERIC VESSELS IN MINIMAL INVASIVE COLORECTAL SURGERY Aijit Pai, MDMcMRCs, George Melich, MD, Slawomir J Marecik, MD, FACS, FASCRS, John J Park, MD, FACS, FASCRS, Leela M Prasad, MD, FACS, FASCRSFRCS; Advocate Lutheran General Hospital

P308 DOES PATIENT BMI AFFECT ERGONOMICS OF LAPAROSCOPIC SURGERY? Zhe Liang, BS, Robert Wang, BS, Ahmed M Zihni, MD, MPH, Shuddhadeb Ray, MD, Michael A Awad, MD, PhD; Washington University School of Medicine

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P337 SYMPTOMATIC REFLUX AFTER BARIATRIC SURGERY: WHAT CAN WE EXPECT? Abel E Bello, MD; Leena Khaitan, MD; University Hospitals Case Surgery

P338 THE EFFICACY OF GALLBLADDER DISSOLUTION THERAPY FOLLOWING BARIATRIC SURGERY: A SYSTEMATIC REVIEW Taylor J Smart, MD1; Noah J Switzer, MD2; Richdeep S Gill, MD, PhD, FRCSC1; Xinze Shi, MPH1; Christopher de Gara, MD, FRCS1; Daniel W Birch, MD, FRCS1; Shahzeer Karmali, MD, MFPC, FRCS1; 1Department of Surgery, University of Alberta, 2Centre for the Advancement of Minimally Invasive Surgery, Royal Alexandra Hospital

P339 MICRONUTRIENT AND METABOLIC STATUS IN MORBID OBESE PATIENTS UNDERGOING BARIATRIC SURGERY IN A UNIVERSITY BARIATRIC PROGRAM Isawanto Sucandy, MD, Kurt E Roberts, MD, Geoffrey Nadzam, MD, Andrew J Duffy, MD; Yale University

P340 HIATAL HERNIAS AND REPAIR IN BARIATRIC SURGERY Patients: The Impact of Preoperative Imaging Ashley Mooney, MD1, Stephen S McNatt, MD1, Adam Reid, MD1, Myron S Powell, MD1; 1Wake Forest School of Medicine, 2Southern Illinois University School of Medicine

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P342 REVISION OF FAILED RESTRICTIVE PROCEDURES TO LAPAROSCOPIC ROUX EN Y GASTRIC BYPASS (LRGBP) IN SINGLE STAGE COMPARED TO PRIMARY LRGBP Maha K Ibrahim, MD1; Mohammed B Al Hadad, MD1; Ahmed Maasher, MD1, Aras Milhchies, MD1, Maria Marqarita, RN1; Abdelrahman A Nimeri, MD, FACS, FASMBS1; 1Sheikh Khalifa Medical City, 2Cairo University College of Medicine

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P344 DOES PREOPERATIVE WEIGHT CHANGE PREDICT POSTOPERATIVE WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY? William E Sherman, MD1, Aaron E Lane, MD, Christopher W Mangieri, MD, Yong U Choi, MD, Byron J Falter, MD, Dwight D. Eisenhower Army Medical Center

P345 COMPARISON OF THE EFFICACY OF STANDARD BARIATRIC SURGICAL PROCEDURES ON SAUDI POPULATION USING THE BARIATRIC ANALYSIS AND REPORTING OUTCOME SYSTEM (BAROS) A Al-Kadi, MD, FRCSC, M Al-Naami, MD, FRCSC, Zr Siddiqui, MD; Qassim University

P346 SLEEVE GASTRECTOMY IN MORE THAN 60 YEARS FOR MORBID OBESEITY Elie K Chouillard, MD1, PhD1; Salman Alsabah, MD2; Georges Khoury, MD1; 1PARIS POISSY MEDICAL CENTER, 2AMIRI Hospital Kuwait City, 3RIZK Hospital Beirut

P347 A RETROSPECTIVE STUDY ON THE PRE-OPERATIVE DEMOGRAPHIC, BEHAVIORAL, AND MEDICAL PREDICTORS OF WEIGHT LOSS IN PATIENTS UNDERGOING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Matthew D Cooper, MD, Kathleen Kromer-Baker, PhD, That N Tran, MD, Maria Chun, PhD, Racquel S Bueno, MD, Cedric Lorenzo, MD; University of Hawaii

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P349 NON-ALCOHOLIC FATTY LIVER DISEASE RESOLUTION FOLLOWING SLEEVE GASTRECTOMY Sulaiman Almazeeedi, MD; Ardeshir Algooneh, Salman Al-Sabah, FRCSC, Maha Ahmed; Amiri Hospital

P350 THE FEASIBILITY OF LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS VERSUS LAPAROSCOPIC RE-SLEEVE GASTRECTOMY AS CONVERSATIONAL PROCEDURES AFTER FAILED LAPAROSCOPIC GASTRECTOMY, Nourah Alsharqawi, Salman Alsabah, Ahmed Almulla, Shehab Ekrout, Saud Al Subaie, Talib Jumaa; Al Amiri Hospital

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P352 LONG TERM OUTCOMES OF OBESITY RELATED COMORBIDITIES AFTER ROUX-EN-Y GASTRIC BYPASS IN VA PATIENTS Shohan Shetty, MD, Jaime P Almandoz, MD, Ibrahimi J Jabbour, MD, MPH, Nancy Puizziferri, MD; UT Southwestern Medical Center (Dallas, TX)

P353 MANAGEMENT ALGORITHM FOR LEAKS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Abdelrahman A Nimeri, MD, FACS, FASMBS, Ahmed O Maasher, MD, Maha Ibrahim, MD, Mohammed Al Haddad, MD; Sheikh Khalifa Medical City

P354 DOES INSURANCE STATUS INFLUENCE BARIATRIC SURGERY OUTCOMES? Tara Mokhtar, MD, Archana Narie, Narges Karmini, Dan Azagury, Homero Rivas, John Morton; Stanford University

P355 STRICURE RATES AFTER GASTRIC BYPASS WITH HAND SEWN ANASTOMOSIS Javier J Flores, BS; Providence Memorial Hospital

P356 REVISIONAL VERSUS PRIMARY BARIATRIC SURGERY IN A PUBLICLY FUNDED PROGRAM Caroline E Sheppard, BS1, Courtney Fulton, MD2, Daniel W Birch, MSc, MD, FRCS1, Shahzeer Karmali, MD, FRCSC, FACP1, Christopher J de Gara, MB, MS, FRCS, Ed, Eng, C, FACS, FFstd, Ed1; 1University of Alberta, CAMIS, 2University of Alberta


P358 THE UTILILITY OF HELICOBACTER PYLORI IMMUNOGLOBULIN G (IGG) AND IGA SEROLOGIC TESTING IN PREDICTING ENDOSCOPIC BIOPSY RESULTS PRIOR TO BARIATRIC SURGERY Brijesh P O’Holleran, Anna R Ibele, MD, Rebecca M Kohler, PAC, Eric T Volkman, MD; University of Utah

P359 LAPAROSCOPIC SLEEVE GASTRECTOMY (LSG) & NEUROPATHY Almah Alasbah1, Salman Alsabah, MBA, FRCSC, FASC, Suleiman Alsabah, PhD, Ahmed Alserri, PhD1; 1Kuwait University, 2Ministry of Health

P360 INCIDENCE OF GASTROINTESTINAL STROMAL TUMORS IS DRASTICALLY INCREASED IN MORBIDLY OBESE PATIENTS Jennifer E Baker, BA, Amy Rosenbluth, MD, James Buwen, DO, Michael R Kammerer, MD, Alec C Beeley, MD, David S Tichansky, MD, Thomas Jefferson University Hospital

P361 BARIATRIC TOURISM: A NATIONWIDE VALUE ASSESSMENT Hans Fuchs, MD1, Ryan C Broderick, MD1, Cristina R Harnsberger, MD1, David C Chang, PhD2, Bryan J Sandler, MD3, Santiago Horgan, MD1, Mike R cyclist, MD2, Daniel W Birch, MSc, MD, FRCS1, St pronto Mere, PhD2, Saleen Alsabah, PhD1, Ahmed Alserri, PhD1; 1University of Alberta, 2University of Hawaii

P363 NUTRIENT DEFICIENCIES AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS AND LAPAROSCOPIC SLEEVE GASTRECTOMY: A COMPARATIVE STUDY
Pakavuth Chansawanghuvana, MD, Narong Boonyagard, MD, Ponchek Vichajarn, MD, Aijana Techagumpuch, MD, Suppa-ut Pungnopong, MD, Krit Kitisin, MD, Chadin Tharavej, MD, Patpong Navicharern, MD, Suthep Udomsawangsup, MD; MIS Unit, Department of Surgery, Faculty of Medicine, Chulalongkorn University, BKK, THAILAND

P364 NEED FOR NON-ELECTIVE RE-OPERATION AFTER BARIATRIC SURGERY OVER TIME: A RETROSPECTIVE SINGLE SITE COHORT STUDY
Erin Thompson, MD, Farida Bounoura, MD, Lisa Ferrigno, MD, MPH, Jonathan Grotts, MS, David Thoman, MD, Marc Zerey, MD; Santa Barbara Cottage Hospital

P365 SUCCESSFUL WEIGHT LOSS AFTER SLEEVE GASTRECTOMY: SEX MATTERS
Dalinya B AlMohammad Ali, Sulaiman Almazeedi, Salman Al-sabah, Ahmed Al-serri; 1 Amiri Hospital, ‘Kuwait University

P366 LAPAROSCOPIC SLEEVE GASTRECTOMY: BOUGIE OR NO BOUGIE,” FOLLOW THE END OF THE VESSELS”
Babih Nehr, MD, M Kopp, DO, C Vulpe, MD, George Ferzli, MD; lutheran medical center borough

P367 MARIJUANA CONSUMPTION LEADS TO LOWER WEIGHT LOSS FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY
Moneer E Almadani, MD, Cristina R Hamsberger, MD, Ryan C Broderick, MD, Hans F Fuchs, MD, Joshua Langert, MD, Christopher Ducoin, MD, Bryan J Sandler, MD, Santiago Horgan, Garth R Jacobsen, Alberto S Gallo, MD; University of California San Diego UCSD

P368 SHORT-TERM RESULTS OF ONE STAGE CONVERSION OF FAILED ADJUSTABLE GASTRIC BAND TO GASTRIC BYPASS OR VERTICAL SLEEVE GASTRECTOMY
Pornthep D Prathanvanich, MD, FRCS, FACS, Bipan Chand, MD, FACS, FASMS, FASGE; Loyola University Medical Center

P369 A COMPARISON OF SHORT-TERM MORBIDITY IN LAPAROSCOPIC SLEEVE GASTRECTOMY VERSUS ROUX-EN-Y GASTRIC BYPASS
Pei-Wen Lim, MD, Jonathan E Miller, Richard Perugini MD, John J Kelly MD, Donald Czerniach MD, Philip Cohen MD; UMass Memorial Medical Center

P370 A RETROSPECTIVE, CASE-MATCHED COMPARISON OF WEIGHT LOSS AND FOLLOW-UP AMONG ROUX-EN-Y GASTRIC BYPASS PATIENTS UNDER 25 YEARS OF AGE COMPARED TO AN OLDER COHORT
Ann M Rogers, MD, Patrick Vincent, MD, Eugene Won, MD, Tung Tran, MD, Gail Ortenzi, RN; 1 Penn State Hershey Medical Center, 2 Penn State College of Medicine, 3University of California, Irvine, Dept of Surgery, 4Washington Hospital Center, Dept. of Surgery

P371 BARIATRIC SURGERY IN THE ELDERLY IS ASSOCIATED WITH SIMILAR SURGICAL MORBIDITY AND SIGNIFICANT LONG TERM HEALTH BENEFITS
Uri Kaplan, Scott Penner, Forough Farrokhvar, Scott Gmora, Dennis Hong, Mehran Anvari; 1 Mcmaster University, 2Dalhouse University

P372 THE EFFECT OF R59939609 FTO GENE POLYMORPHISM ON WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY
Ozgur Balasar, Tugrul Cakir, Ozgur Erkal, Arif Aslaner, Bulent Celikci, Mehmet Uyar, Nurulah Bulbulker, Ass, Prof, Dr.; Mehmet Tahir Oruç, Ass, Prof, Dr.; 1Department of Medical Genetics, Dr Faruk Sukan Maternity and Pediatric Hospital, Konya, TURKEY; 2General Surgery Department, Antalya Training and Research Hospital, Muratpaşa, Antalya, TURKEY, 3Medical Genetics, Antalya Training and Research Hospital, Muratpaşa, Antalya, TURKEY, 4Radiology, Antalya Training and Research Hospital, Muratpaşa, Antalya, TURKEY, 5Public Health, Meram Faculty of Medicine, Necmettin Erbakan University, Konya, TURKEY

P373 DO TZDM SUPER-SUPER OBESO PATIENTS BENEFIT FROM BARIATRIC SURGERY?
Raquel Gonzalez-Heredia MD, PhD, Valeria Valbuena, BS, Mario Masrur, MD, Kristin Patton, MD, Crystal Hernandez, BS, Melissa Murphy, DNP, NP-C, Lisa Sanchez-Johnsen PhD, Enrique F Eli, MD, FACS; UCI

P374 LAPAROSCOPIC THREE-PORT SLEEVE GASTRECTOMY: A SINGLE INSTITUTION CASE SERIES
Ricard Corcelles, MD, PhD, Dvir Froylich, MD, Mena Boules, MD, Christopher R Daigle, MD, Philip R Schauer, MD, Thomas Rogulaz, MD, PhD; Cleveland Clinic

P375 THE SURGICAL APGAR SCORE IS NOT ASSOCIATED WITH POST-OPERATIVE OUTCOMES IN PATIENTS UNDERGOING BARIATRIC SURGERY
Lin M Bircio, MD, Beth E Turrentine, PhD, RN, Amir K Abdel Malek, Bruce D Schirmer, MD, Peter T Hallowell, MD; University of Virginia

P376 INTERNAL HERNIA AFTER GBP, SYSTEMATIC CLOSURE OF PETERNSON AND JEJUNOJEJUNOSTOMY DURING THE PRIMARY SURGERY IS THE ULTIMATE TREATMENT AND PREVENTION OF INTERNAL HERNIA.
Wisam Fakhri, MD; al seef hospital

P377 LAPAROSCOPIC SLEEVE GASTRECTOMY AT A SMALL CANADIAN CENTER: 30-DAY COMPLICATION RATES.
Vanessa Falk, David Pace, Laurie Twells, Chris Smith, Darryl Boone, Raleene Murphy, Kendra Lester, Debbie Gregory; Memorial University of Newfoundland

P378 ROBOTIC VERTICAL SLEEVE GASTRECTOMY: OUTCOMES AND COST-ANALYSIS OF 411 CASES
Brett L Ecker, MD; Richard Maduka, BS,1 Andre Ramdon, MD;1 Daniel T Demspsey, MD; Kristoffel R Dumen, Noel N Williams; 1University of Pennsylvania, ‘Perelman School of Medicine at University of Pennsylvania

P379 SPECIMEN RETRIEVAL BAG IN LAPAROSCOPIC SLEEVE GASTRECTOMY DOES NOT REDUCE WOUND COMPLICATIONS
Jinqing L Sherman, MD, Dani O Gonzalez, MD, James Yoon, BA, Edward Chin, MD, Subhash Kini, MD, Daniel Herron, MD, William Inabnet, MD, Scott Q Ng, MD; Mount Sinai

P380 DISTANCE FROM BARIATRIC CENTRES OF EXCELLENCE IS NOT ASSOCIATED WITH HIGHER POSTOPERATIVE COMPLICATION AND READMISSION RATES
Aristithes G Doumouras, MD, Fady Saleh, MD, MPH, Scott Gmora, MD, Mehran Anvari, MD, Dennis Hong, MD, MSc; McMaster University

P381 SUCCESSFUL MANAGEMENT OF STAPLES LINE LEAKS AFTER SLEEVE GASTRECTOMY
Matthew Benenati, MD; Michael De France, Rahul Sharma, Lou Balsama, DO; 1Anne Arundel Medical Center, 2Rowan University, 3Kennedy University Hospital

P382 INCIDENTAL GASTRIC GLOMUS TUMOR AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY
Mehmet Tahir Oruç, Ass, Prof, Dr; Tugrul Cakir, Erdem Can Yardimci, Arif Aslaner, Alkan Sakar; Antalya Training and Research Hospital

P383 HOSPITAL READMISSION, HEALTHCARE FOLLOW-UP, AND WEIGHT LOSS AFTER BARIATRIC SURGERY IN PATIENTS WITH A DSM-IV AXIS-I PSYCHIATRIC DIAGNOSIS
Eric P Kubat, MD,1 Nina Bellatore, RN, Dan Eisenberg, MD; 2Palo Alto VA Health Care System, 3Palo Alto VA Health Care System and Stanford School of Medicine

P384 OUTCOMES OF CHOLECYSTECTOMY IN GASTRIC BYPASS AND NORMAL ANATOMY PATIENTS WITH BILIARY SYMPTOMS BUT NORMAL DIAGNOSTIC STUDIES. AN INSTITUTIONAL EXPERIENCE OF BILIARY NORMO- AND HYPERKINESIA.
Cheickna Diarra, MD, Susana Ho, MS, Jerome Lynsue, MD, Eric M Pauli, MD, Ann M Rogers, MD; Penn State Hershey Medical Center

P385 LAPAROSCOPIC SLEEVE GASTRECTOMY IS EFFECTIVE AND SAFE TREATMENT IN THAI ADOLESCENT MORBID OBESITY PATIENTS.
Suriya Punchai, MD, FRCS,1 Jakrapan Wittayapairoj, MD, FRCS,1 Krisada Paonariang, MD, FRCS1, Kriangsak Jenwithisuk, MD, FRCS1,2, O-tur Saeseaw, MD, FRCS,2 Suthep Udomsawangsup, MD, FRCS2, Chaiyut Thanapaisal, MD, FRCS2; 1Khon Kaen University, 2Thailand, Thulalongsorn Medical Center

P386 DIABETES MELLITUS IS THE MOST SIGNIFICANT PREDICTOR OF EXCESS WEIGHT LOSS IN LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING IN THE AGED POPULATION
Sarwat Ahmad, MD; Eric S Wise, MD1, Kyle M Hocking, PhD, Colleen M Brophy, MD; Stephen M Kavic, MD;2 University of Maryland, 3Vanderbilt University Medical Center
P387 THE EVOLUTION OF TREATMENT FOR LAPAROSCOPIC SLEEVE GASTRECTOMY STAPLE LINE LEAK: A SINGLE INSTITUTION’S EXPERIENCE. Jill L. Gorsuch, DO, MPH, David Podkameni, MD, Albert Y Chen, MD, Emil T Graf, MD, Flavia Soto, MD; Banner Gateway

P388 WEIGHT-LOSS OUTCOMES OF SPIDER® SLEEVE GASTRECTOMY AT 6 MONTHS COMPARED TO TRADITIONAL LAPAROSCOPIC TECHNIQUE. Kathryn B Muir, MD, William V Rice, MD; William Beaumont Army Medical Center

P389 BARIATRIC SURGERY AND BILARY DISEASE: DOES THE TYPE OF SURGERY PLAY A ROLE? Colin B Webb, MD, Patricia L Eichhorn, MD, Clarissa Sutter, Joseph A Ewing, MS, Allyson L Hale, John D Scott, MD; Greenville Health System

P390 PREDICTION OF EXCESS WEIGHT LOSS AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS USING AN ARTIFICIAL NEURAL NETWORK. Eric S Wise, MD, Kyle M Hocking, ME, PhD, Stephen M Kavic, MD, Colleen M Brophy, MD; 1Vanderbilt University, 2University of Maryland

P391 LAPAROSCOPIC GREATER CURVATURE PLICATION, OUR INITIAL EXPERIENCE. Nathan Roberts, MD, Matthew Musielak, MD, Lisa Longshore, CNP, Trace Curry, MD; Jewish Hospital

P392 THE INCIDENTAL FINDING OF GASTROINTESTINAL STROMAL TUMORS IN PATIENTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY: A CHART REVIEW FROM A HIGH-VOLUME BARIATRIC CENTER. Dina Podolsky, MD, Azam Qureshi, MD, Mujahid Abbasi, W. Scott Melvin, MD, FACS, Diego Camacho, MD, FACS; 1Montefiore Medical Center, 2Georgia Regents University, 3Louis Stokes VA Medical Center

P393 REMISSION OF TYPE 2 DIABETES MELLITUS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY: EXPERIENCE FROM KUWAIT. Sulaiman Almazedi, Salman Al-Sabah; Amiri Hospital

P394 BIOABSORBABLE STAPLE LINE REINFORCEMENT AND THE PREVENTION OF STRICTURES AND MARGINAL ULCERS. Thomas D Martin, MD, Kirstie S Van Ry, MD, Dimitri Stefanidis, MD, PhD, Timothy S Kuwada, MD, Keith S Gersin, MD; Carolinas Medical Center

P395 COMPARATIVE EFFECTIVENESS OF GASTRIC BYPASS, SLEEVE GASTRECTOMY AND THE REMISSION OF TYPE 2 DIABETES MELLITUS AFTER THE INCIDENTAL FINDING OF GASTROINTESTINAL STROMAL TUMORS IN PATIENTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY: A CHART REVIEW FROM A HIGH-VOLUME BARIATRIC CENTER. Dina Podolsky, MD, Azam Qureshi, MD, Mujahid Abbasi, W. Scott Melvin, MD, FACS, Diego Camacho, MD, FACS; 1Montefiore Medical Center, 2Georgia Regents University, 3Louis Stokes VA Medical Center

P396 IS THERE A RELATIONSHIP BETWEEN AGE AND WEIGHT LOSS ON PATIENTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY? Mehmet Tahir Oruc, Prof. Burhan Mayor, Erdem Can Yardimci, Alkan Sakar, Arif Aslaner, Onur Ozener, Tugrul Cakir; Antalya Surgery (CAMIS), 2University of Albeta

P397 IMPROVEMENT OF GASTROESOPHAGEAL REFUX DISEASE AFTER BARIATRIC SURGERY. Patrick E LeMasters, MD, Lindsay Cumella, BS, J Choi, MD, P Vemulapalli, MD, S Melvin, MD, D Camacho, MD; Montefiore Medical Center

P398 VATS VAGOTOMY FOR PERSISTENT GJ ULCER AFTER GASTRIC BYPASS: A SINGLE INSTITUTION EXPERIENCE. Tiffany Tanner, MD, Lora Melman, MD, Erika Leung, John Price, MD, Brent Sorenson, MD; Saint Luke’s Hospital

P399 A CASE OF GASTROINTESTINAL STROMAL TUMORS IN PATIENTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY. Madhu Siddeswarappa, MD, Ananya Sinha, PhD, Prashanth Ramachandra, MD; 1Mercy Catholic Medical Center, 2Cleveland State University

P400 EMERGENCY SURGICAL INTERVENTION AT THE BARIATRIC SURGICAL CENTER: CAN ANYONE DO IT? Cheikhnia Diarra, Jennifer Sasaki, MD, Shaukat Gulfaraz, MD, Leah Bess, MS, Eric M Pauli, MD, Ann M Rogers, MD, Randy S Haluck, MD, Jerome R Lyn-sue, MD; Penn State Hershey Medical Center

P401 IS LAPAROSCOPIC SLEEVE GASTRECTOMY EFFECTIVE FOR TREATMENT OF DIABETES MELLITUS AND LONG TERM WEIGHT LOSS? Matthew A Strode, DO, Rebekah Johnson, MD, Pamela Burgess, MD, Bradley Bandera, MD, Preston Sparks, DO, Faler Byron, MD, Bal kirshna Prasad, PhD, Yong Choi, MD, DWight D. Eisenhower Army Medical Center

P402 REVISIONAL SURGERY FROM FAILED ADJUSTABLE GASTRIC BAND TO VERTICAL LAPAROSCOPIC SLEEVE GASTRECTOMY IN ONE SURGICAL TIME. CASE SERIES. Marcos Berry, Patricio Lamoza, Lionel Urrutia, MD, Shirley Marquina; 1Clinica Las Condes, 2Hospital de Maipu

P403 LAPAROSCOPIC SLEEVE GASTRECTOMY AND ITS EFFECT ON GASTROESOPHAGEAL REFUX DISEASE. K Leblanc, MD, J. Tabor, MD, TW Cook, MD, B Allain; 1Mausmann, K Kleinpeter; 1Our Lady of the Lake, 2LSUHSC New Orleans

P404 LAPAROSCOPIC SLEEVE GASTRECTOMY, WITH OR WITHOUT ANTRUM PRESEVATION AND ITS EFFECTS ON FOOD TOLERANCE, BODY COMPOSITION AND QUALITY OF LIFE. M Paris, A Molina, F Sabench, A Bonada, E Raga, S Blanco, A Sánchez, A Muñoz, M Hernández, M Vives, MI Piñana, J Domènech, Daniel Del Castillo; Hospital Universitari Sant Joan de Reus. Universitat Rovira i Virgili

P405 DOUBLE-TUBING PERCUTANEOUS TRANS-ESOPHAGEAL GASTRO-TUBING AS A BRAND NEW TECHNIQUE FOR TREATMENT OF POSTOPERATIVE COMPLICATIONS. Hideto Oishi, MD, PhD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takayuki Iino, MD, Takuya Saito, MD, Hidekazu Kuramochi, MD, PhD, Shunsuke Onizawa, MD, PhD, Eiichi Hirai, MD, PhD, Mie Hamano, MD, PhD, Tsutomu Nakamura, MD, PhD, Tatsuo Araid, MD, PhD, Shingo Kameoka, MD, PhD; 1Div of Gastroenterological Surgery, Dept of Surgery, 2Yachiyo Med Ctr, 3Tokyo Women's Med Univ, 4Dept of Surgery 2, Tokyo Women's Med Univ

P406 TOTALLY LAPAROSCOPIC GASTRECTOMY FOR AN EARLY GASTRIC CANCER PATIENT. Hao Xu, Li Yang, Zekuan Xu; The First Affiliated Hospital of Nanjing Medical University

P407 LAPAROSCOPIC REPAIR OF CHOLECYSTO-COLIC FISTULA. Praneetha Narahari, MD; Saint Agnes Medical Provider, Fresno, CA

P408 A UNIQUE CASE PRESENTATION OF A HAND ASSISTED LAPAROSCOPIC MANAGEMENT OF A CONCURRENT MORGANNI HERNIA AND 12 CM GASTROINTESTINAL STROMAL TUMOR: A CASE REPORT AND LITERATURE REVIEW. Ancesio Ilicidic, MS, MB, Milad Mohammadi, MD, Onur Kutlu, MD, Vernon M Williams, MD, FACS, Steven G Garcia, MD; Texas Tech Health Science Center

P409 EVALUATION OF DIAGNOSTIC LAPAROSCOPY VERSUS NON INVASIVE TESTS IN A SUSPECTED CASE OF ABDOMINAL TUBERCULOSIS. Rajdeep Singh, MS, Anmol Chugh, MS, Prem N Agarwal, MS, Anjali Prakash, MD; Maulana Azad Medical College

P410 EFFECTIVENESS OF BARIATRIC SURGERY AMONG HISPANIC PATIENTS WITH OBSTRUCTIVE SLEEP APNEA: CAN ANYONE DO IT? Cheikhnia Diarra, Jennifer Sasaki, MD, Shaukat Gulfaraz, MD, Leah Bess, MS, Eric M Pauli, MD, Ann M Rogers, MD, Randy S Haluck, MD, Jerome R Lyn-sue, MD; Penn State Hershey Medical Center

P411 LAPAROSCOPIC COLORECTAL CANCER SURGERY: ONCOLOGICAL CLEARANCE & SHORT TERM OUTCOMES. Sandeep K Jha, MBBS, MSGen, Surg, Neeraj Chaudhary, Neeraj Dhamija, Abhdeep Chaudhary, B B Agarwal, Saumitra Rawat; Sir Ganga Ram Hospital

P412 LAPAROSCOPIC EXCISION OF A GIANT CYSTIC ADRENAL LYPHANGIOMA. Bachar Raad, MD, FACS, Turki Al Nuzha, MD, Ayman Arbaee, Mohammad Elm, MRCS, Fahry El Bouada; Royal Commission Medical Center

P413 A CASE OF GASTROINTESTINAL STROMAL TUMOR OF THE LIVER: A KIBBOLՏ CASE. Anusha Sankar, MD, ABNM, FACS, MD, William Beaumont Army Medical Center

P414 THE ABILITY OF STAGING LAPAROSCOPY (SL) TO CHANGE THE SURGICAL DECISION IN ESOPHAGEAL CANCER PATIENTS IN THE ERA OF EUS AND PET/CT SCANNING: WHEN SHOULD IT BE PERFORMED? M Aboul Enein, MBChB, MSc, MRCS, M Khalil, MBChB, A Hamouda, MD, FRCS, A Nisar, FRCS, FRCSI, H Ali, MD, FRCS; Maidstone and Tunbridge Wells hospitals NHS trust.
P415 ACCURACY OF NEAR INFRARED GUIDED SURGERY IN MORBIDLY OBSESS SUBJECTS UNDERGOING LAPAROSCOPIC CHOLECYSTECTOMY - Fernando Dip, MD, David Nguyen, MD, Lisandro Montorfano, MD, Maria Eugenia Szretter, MSc, Emanuele Lo Menzo, MD, PhD, FACS, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

P416 LAPAROSCOPIC SPLENOCTOMY FOR PORTAL HYPERTENSION SECONDARY TO LIVER CIRRHOSIS: LIGATURE COMBINED WITH ULTRASOUND SCALPEL VERSUS ULTRASOUND SCALPEL - Minjun Wang, Xin Wang, Hua Zhang, Yunqiang Cai, Bing Peng; West China Hospital

P417 ENDOSCOPIC ENucleATION FOR SUBMUCOSAL TUMOR OF THE ESOPHAGUS –USEFULNESS OF BALLOON PUSH-OUT METHOD- Kei Sakamoto, Yosuke Izumi, Akinori Miura, Masatake Myamoto, Tsuyoshi Kato; Department of Surgery, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital

P418 TWO CASES OF ESOPHAGEAL SUBLUMINAL TUMOR TREATED BY THORACOSCOPIC ENucleATION - Yusuke Nakagawa, Katuhiro Tomofuji, Tomoyuki Nagaoka, Tohoku Okada, Tatsuo Yamauti, Naoki Isida, Yoshihisa Itami, Taro Nakamuro, Hidenori Kiyoshi, Kenzou Okada, Sinhsuke Kajiwara; Uwajima City Hospital

P419 DOES SIZE OF INFLAMED APPENDIX INFLUENCE THE ACCURACY OF NEAR INFRARED GUIDED SURGERY IN ENDOSCOPIC ENUCLEATION FOR SUBMUCOSAL TUMOR - Jagannath Dixit, MBBS, MS, FMS, FICS, FIAAGES; HCG, BENGALURU

P430 EMERGENCY SINGLE-SITE LAPAROSCOPIC APPENDICTOMY: HOW CAN WE PREVENT MIGRATION OF VENTRICULOPERITONEAL SHUNT ANASTOMOSES - Jinshin Kajiwara; Uwajima city hospital

P431 STUDY OF 3000 CASES OF LAPAROSCOPIC CHOLECYSTECTOMY IN OUR INSTITUTE - Tomoyuki Nagaoka, MD, Katuhiro Tomofuj, MD, Yusuke Nakagawa, MD, Tomoaki Okada, Tatsuo Yamauti, Naoki Isida, Yoshihoni Itami, Taro Nakamura, Hidenoni Kiyoshi, Kenzou Okada, Sinhsuke Kajiwara; Uwajima city hospital

P432 RESULTS OF USING CIRCULAR SEAMGUARD FOR COLORECTAL ANASTOMOSES - Kirstie S Van Ry, MD, Thomas D Martin, MD, Timothy Kuvada, MD; Carolinas Medical Center, Charlotte North Carolina

P433 FEASIBILITY OF SINGLE-INCISION LAPAROSCOPIC SURGERY IN THE SETTING OF CHOLECYSTITIS - Paul Buckley, MD, FACS, Hannah Vassaur, PA, Joshua Crosby, BA, Daniel Jupiter, PhD; Scott & White Healthcare

P434 PORT-SITE COLON CANCER METASTASIS AFTER SINGLE INCISION LAPAROSCOPIC APPROACH - José F. Noguera, MD, PhD, Cristóbal Zaragoza, Antonio Melero, Isabel Grifo, Sara Jareño, Jorge Eorlza; Hospital General Universitario de Valencia

P435 LAPAROSCOPIC ASSISTED APPROACH FOR GASTROINTESTINAL MALIGNANCIES. INTRALUMINAL SURGERY. - Miquel A Hernandez, MD, Morris E Franklin Jr., MD, FACS, Jeffrey L Glass, MD, FACS; Texas Endosurgery Institute

P436 HOW OFTEN DO SURGEONS OBTAIN THE CRITICAL VIEW OF THE ESOPHAGUS –USEFULNESS OF BALLOON PUSH-OUT METHOD- Kei Sakamoto, Yosuke Izumi, Akinori Miura, Masatake Myamoto, Tsuyoshi Kato; Department of Surgery, Tokyo Metropolitan Cancer and Infectious Diseases Center Komagome Hospital

P437 TECHNIQUE AND CLINICAL OUTCOME OF LAPAROSCOPIC TOTAL MESORECTAL EXCISION FOR PROXIMAL GASTRECTOMY WITH PARTIAL FUNDOPLICATION IN EARLY GASTRIC CANCER - Hirofumi Sugita, MD, Shinichi Sakuramoto, MD, Hiroki Takeshita, MD, Yohei Morita, MD, Katsuhiko Anami, MD, Shinichi Oka, MD, Hiroshi Satoh, MD, Isamu Koyama, MD; Department of Digestive Surgery, Saitama International Medical Center

P438 COMPARATIVE STUDY OF CLINICAL OUTCOMES BETWEEN LAPAROSCOPIC PROXIMAL GASTRECTOMY WITH DOUBLE-TRACT RECONSTRUCTION AND LAPAROSCOPIC TOTAL GASTRECTOMY FOR PROXIMAL GASTRIC CANCER - Do Hyun Jung, Sang-Yong Son, Young-Suk Park, Dong-Joon Shin, Sang-Hoon Ahn, Do Jong Park, Hyung-Ho Kim, Ki-Hyoon Kim; Seoul National University Bundang Hospital, Seoul National University College of Medicine

P439 A NOVEL LAPAROSCOPIC TECHNIQUE UTILIZING MESH TO PREVENT MIGRATION OF VENTRICULOPERITONEAL SHUNT CATHETERS - Lindsay Rumberger, MD, James Killeffer, MD, Dana Taylor, MD; University of Tennessee Medical Center

P441 SYNCHRONOUS PRESENTATION OF ACUTE CHOLECYSTITIS AND ACUTE APPENDICITIS SUCCESSFUL TREATMENT IN ONE STEP LAPAROSCOPIC PROCEDURE WITH ALTERNATIVE TECHNIQUE. A CASE PRESENTATION AND LITERATURE REVIEW - Federico I. Gattorno, MD, MC, FACS1, Keisha Bonner, MD1, Antonio F Chua, MD1, Ricardo Siller, MD1, NYU School of Medicine-Woodhull Medical Center, Woodhull Medical Center
P442 LAPAROSCOPIC CAUDATE LOBECTOMY: Choon Hyuck David Kwon, Gyu-seong Choi, Jin Yang Choi, Seung Hwan Lee, Byung Gon Na, Kyo Won Lee, Won Tae Cho, Jong Man Kim, Jae Won Joh, Dong kyu Oh; Samsung Medical Center, Sungkyunkwan University School of Medicine, Seoul, Korea

P443 THE USE OF ENDO-LOOP IS AS SAFE AS THE USE OF STAPLERS FOR CLOSURE OF THE APPENDICEAL STUMP IN LAPAROSCOPIC APPENDICECTOMY: Awaddekarim O Mohamed, MD1, Jawahir Al Tunaji, MD2, Talat Al Shaban, MD2, Hazaaz Osman, MD2, Abdelrahman A Nimer, MD, FACS, FASMBS2; 1Surgery Residency Program UAE, 2Sheik Khalifa Medical City

P444 CLINICAL EVALUATION OF PERITONEAL ACIDIFICATION AND FIBRINOlytic RESPONSE DURING LAPAROSCOPY COMPARING CO2 AND HELIUM: Maria Bergstrom, MD, PhD1, Per-Ola Park, MD, Professor1, Peter Falk, PhD2, 1Eva Haglind, Professor2, Lena Holmdahl, MD, PhD2; 1Dept of Surgery, South Alvsborg Hospital & Gothenburg University, 2Dept of Surgery, Gothenburg University

P445 THORACOSCOPIC INTRATHORACIC ESOPHAGOgastric Anastomosis Following minimally invasive esophagectomy for the patient after total laparoscopic surgery: Monika A Shewak, Xinyang Liu, Emmanuel Wilson, Sukrnyoo Kang, Mikhail Petroysan, Timothy D Kane; Children's National Health System

P446 Stereoscopic augmented reality visualization for laparoscopic surgery initial clinical experience: Ral Shekar, Anny Yang, Afshin庆, Arif Khan, Rasheda Bano, Daniel S Yee, Robert F. Haggerty, MD; NorthShore University Health System

P447 Microlaparoscopy versus conventional laparoscopy: results from a single center study: Maria Altiere, MD1, Dana A Telem, MD, Lily Wang, George Zhou, Sumit Kapoor, MD, Aurora Pryor, MD; Stony Brook University Hospital

P448 Advanced laparoscopic peritoneal dialysis catheter placement a single institution experience: Monika A Krezalek, MD, Jose M Velasco, MD, Ervin W Denham, MD, John G Linn, MD, Michael B Ujiki, Louis T Ho, Joanna Carbray, BS, Stephen P Hassgerty, MD; NorthShore University Health System

P449 Comparison of extracorporeal knot-tying suture and endoclips in laparoscopic appendiceal stump closure in uncomplicated acute appendicitis: Muhammad Nadeem, MBBS, Sohaib Mohammad Khan, MBBS, Saeed Ali, MBBS, Muhammad Shafiq, MBBS, Muhammad Waqar Elahi, MBBS, Farooq Abdullah, MBBS, Irshad Shirazi, MBBS; NISHTAR HOSPITAL

P450 Laparoscopic management of colonoscopic perforations: Pranveetha Narahari, MD; Saint Agnes Medical Providers, Fresno, CA

P451 Perioperative outcomes following laparoscopic jejunostomy tube placement at a single academic center: Ericka Sohlberg, BS, Samuel Garbus, BS, James Dolan, MD, Brett Sheppard, MD, John Hunter, MD, Erin Gilbert, MD; Oregon Health & Science University

P452 Vascular injury in laparoscopic extended right hemicolectomy with d3 lymphadenectomy for colon cancer: A retrospective evaluation based on laparoscopic surgery recording: Li-Ying Zhao, MD, Hai-Jun Deng, MD, Hao Liu, MD, PhD, Ya-Nan Wang, MD, Tian Lin, Jun Yan, MD, PhD, Guo-Xin Li, MD, PhD; Department of General Surgery, Nanfang Hospital of Southern Medical University

P453 Safety and short-term outcomes of intracorporeal esophagojejunostomy using a transorally inserted anvil versus extracorporeal circular anastomosis during laparoscopic total gastrectomy for cancer: A propensity score matching analysis: Yanfeng Hu, MD1, Xin Lu, MD, Jiang Yu, MD, Hao Liu, MD, Tingyuo Mou, MD, Tao Chen, Zhenwei Deng, MD, Da Wang, MD; Department of General Surgery, Nanfang Hospital, Southern Medical University, Guangzhou, China

P454 Long-term follow up of transvaginal approach in 73 consecutive patients: José F Foguelo, MD, PhD1, Cristóbal Zaragoza, José Muñoz, Antonio Melero2, Gonzalo Martin1, Jorge Elorza; 1Hospital General Universitario de Valencia, 2Hospital Son Llàtzar, 1Hospital Universitario Son Espases

P455 Degree of surgical trauma caused by the abdominal access comparing open surgical, laparoscopic and NOTES transgastric access routes in a porcine model: Per-Ola Park, Professor1, Jorge Alberto Arroyo Vázquez, MD1, Ashgar Azadani, MD1, Monder Abu-Suboh-Abadía, MD2, Joan Dot, MD2, Jose Ramon Arrango Miró2, Professor1, Maria Bergstrom, MD, PhD1; 1Dept of Surgery, South Alvsborg Hospital & Gothenburg University, 2Dept of Surgery, Carolanderska Hospital, Gothenburg, Sweden, 3Hospital Universitario Val d’Hebron, Wider-Barcelona, Barcelona, Spain

P456 Complications after endoscopy: Electrosurgical device injury or death as reported to the FDA: Douglas Overbay, MD, Edward Jones, MD, Nicole Townsend, MD, Gregory Stiegmann, MD, Thomas Robinson, MD; University of Colorado

P457 Re-operation following laparoscopic gastrostomy vs percutaneous endoscopic gastrostomy: Is there a superior procedure? Sara L. Zettetvall, MD, Michal Radomski, MD, Shane Durkin, BA, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS, George Washington University

P458 Comparison of surgical outcomes between roux-en-y and uncrit roux-en-y anastomosis after laparoscopic distal gastrectomy for gastric cancer: Dong Joon Shin, Hyung-Ho Kim, Do Joong Park, Sang-Hoon Ahn, Sang-Yong Son, Do Hyung Jung, Young Suk Park; Seoul National University Bundang Hospital

P459 Why surgeons must participate in medical supply value analysis: Jimmy Y. Chung, MD; Providence Health & Services Spring Park

P460 Laparoscopic peritoneal dialysis catheter placement in the hostile abdomen is safe and feasible with modern surgical techniques: Peter W Lundberg, MD, Adam T Hauch, MD, MBA, Anil S Parmesh, MD, FACS, Tulane University School of Medicine

P461 Readmission after laparoscopic appendectomy: R. Allon, MD, N Geron, S Teplytks, MD, Hagar Mizrahi; the Baruch Padeh Medical Center

P462 Laparoscopic treatment for large retrograde gastroesophageal intussusception after failed endoscopic management: Jeffrey R Watkins, MD, Houssam G Osman, MD, RohanJayarahaj, MD; Methodist Dallas Medical Center

P463 Are the patient reported outcomes affected by surgical energy usage in laparoscopic cholecystectomy? Results of a triple blind randomized study: Brij R Agarwal, MD1, Juihl D Nanavati, MBBS1, Nayan Agarwal2, Naveen Sharma, MD1; 1Ganga Ram Institute of Postgraduate Medical Education and Research &Sir Ganga Ram Hospital, India, 2University College of Medical College, University of Delhi, India

P464 Does robotic approach in cholecystectomy increase the chance of common bile duct injury in surgeon’s early experience during transition to practice? Omar Y Kudsi, MD, MBA, FACS, Partha Bhrutel, MD, Katie Sean, MD, Rachel Goldstein, MD, Nivedh Paluvoi, MD; Tufts University School of Medicine

P465 Surgical management of unusual gastric fistulas after sleeve gastrectomy: gastrocolic, gastropleural, and gastrosplenic: David Nguyen, MD, Fernando Dip, MD, LêShon Hendricks, MD, Emanuele Lo Menzo, MD, PhD, FACS, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

P466 Gastric band erosion-migration causing gastro-duodenal fistula: İrfan Halim, MBBS, FRCS, MSc, DIC, LLB, C L Fontaine, MBBS, Yashwant Koak, MBChB, FRCS, MS, MBA, MDCH; Homerton Hospital
P476 ELECTROCAUTERY PROMOTES COLONIZATION OF MRSA INOCULUM IN RABBITS AFTER OPEN VENTRAL HERNIA MESH REPAIR Fernando Cabrera, MD, Joseph Fernandez-Moure, MD, MS, Azim Karim, MD, Jeffrey Van Eps, MD, Ennio Tasciotti, PhD, Bradley Weiner, MD, Brian J Dunkin, MD, FACS; 1Houston Methodist Research Institute, Surgical Advanced Technology Laboratory, 2Houston Methodist Hospital, Houston Methodist Research Institute, Surgical Advanced Technology Lab, 3Houston Methodist Research Institute, Department of Nanomedicine, 4Houston Methodist Hospital, Methodist Institute For Technology, Innovation and Education (MITIE)

P477 LAPARO-ENDOSCOPIC SINGLE SITE (LESS) CHOLECYSTECTOMY RECURRENCES AND FERTILITY AFTER ENDOMETRIOMA A PROSPECTIVE COHORT STUDY Horace Roman Grinberg, MD, John N Athinios, MD, Karen E Gibbs, MD; Staten Island University Hospital

P478 IMPACT OF A WOUND PROTECTOR ON SURGICAL SITE INFECTIONS AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS WITH CIRCULAR STAPLED GASTROJEJUNOSTOMY Amirali Shakouriartovi, MD, FRCS, Fatima A Haggar, MPh, PhD, Andrey Vizhul, MD, FRCS, Jean Denis Yelle, MD, FRCS, Joseph Mamazza, MD, FRCS, FACS, Amy Neville, MD, MSC, FRCS; The Ottawa Hospital

P479 THE IMPACT OF A WOUND PROTECTOR ON SURGICAL SITE INFECTIONS AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS WITH CIRCULAR STAPLED GASTROJEJUNOSTOMY Amirali Shakouriartovi, MD, FRCS, Fatima A Haggar, MPh, PhD, Andrey Vizhul, MD, FRCS, Jean Denis Yelle, MD, FRCS, Joseph Mamazza, MD, FRCS, FACS, Amy Neville, MD, MSC, FRCS; The Ottawa Hospital

P480 CONVERSION IN LAPAROSCOPIC SURGERY: ARE SHORT-TERM OUTCOMES WORSE THAN OPEN SURGERY? Cigdem Benliche, MD, Emre Gorgun, MD, Maher A Abbass, MD, Feza H Remzi, MD; 1Cleveland Clinic, Digestive Disease Institute, Department of Colorectal Surgery, 2Digestive Disease Institute, Cleveland Clinic Abu Dhabi

P481 THE IMPACT OF SOCIODEMOCRATIC FACTORS AND PARITY OF ACCESS TO ROBOTIC SURGERY IN A COUNTY HEALTH SYSTEM Fernando Garcia, MD, Bradley Putty, MD, Leah Tatebe, MD, Mark Bayouth, MD, Daniel Ziegler, MD, Gary Alexander, MD, Gr Stephenson, MD, David McReynolds, MD; 1John Peter Smith Hospital, 2Baylor University

P482 IMPROVED PLATFORM FOR ROBOTIC NOTES Daniel T Dempsey, MD, Umashankar Kannan, MD, Rashikh Choudhury 2, Daniel T Dempsey 3, Noel N Williams 3, Kannan1, Rashikh Choudhury 2, Daniel T Dempsey 3, Noel N Williams 3, Umashankar Kannan, MD, Rashikh Choudhury, Daniel T Dempsey, Noel N Williams, Kristoffel R Dumon; 1B Bronx Lebanon Hospital Center, Bronx, NY, 2Johns Hopkins Hospital, Baltimore, Maryland, 3Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania

P483 HIGHER RISK BARIATRIC CANDIDATES: DOES “RED-LIGHTING” PREDICT THE POST-OPERATIVE COURSE? Kathryn Ziegler, Don Selzer, MD, Jennifer Choi, MD, Daniel McKenna, MD, William Hilgendorf, PhD; 1William Beaumont Hospital, 2Indiana University

P484 DEVELOPMENT OF A SUCTION-IRRIGATION-GRASPER MULTI-TOOL FOR A MINIATURE SURGICAL ROBOT Walter Bircher, BS, Alex Adams1, Thomas Frederick, MS, Mark Reichenbach, BS, Shane Farritor, PhD, 1Tammy Kindel, MD, PhD; 2Dmitry Oleynikov, MD; 3University of Nebraska-Lincoln, 4University of Nebraska Medical Center (UNMC)

P485 3D MODELING OF PATIENT-SPECIFIC ABDOMEN FOR PORT PLACEMENT PLANNING IN ROBOT-ASSISTED SURGERY Jinling Wang, PhD, Katherine S Lin, MD, Keith A Watson, MD, Caroline G Cao; 1Wright State University, 2Miami Valley Hospital

P486 ROBOTIC ASSISTED MINIMALLY INVASIVE HEPATICOJEJUNOSTOMY IN COMPLEX BILIARY STRUCTURES, A FEASIBLE OPTION Manoj Gupta, MS, DNBG, Surgical, Gastroenterology, Neeraj Dhamija, DNB, General, Surgery, Abhideep Chaudhury, MS, General, Surgery, Saumitra Rawat, K R Vasudevan; 1Sir Gangaram Hospital, New Delhi

P487 SINGLE-SITE ROBOTIC CHOLECYSTECTOMY (SSRC) IN A COMMUNITY HOSPITAL: 150 CONSECUTIVE CASES Dan Eisenberg, MD, Nathan Hansen, MD, Eric Kubat, MD, Huy Nguyen, DO, Sherry M Wren, MD; 1Stanford School of Medicine and Palo Alto VA HCS, 2Palo Alto VA HCS, 3Advanced Surgical Associates of San Jose

P488 RECURRENCE RATES OF HIATAL HERNIA AFTER ROBOTIC SURGERY Compared to Laparoscopic Repair: A Case Series Laura Bernstein, MD, Ealaf Shemmeri, MD, George DeNoto, MD, Larry Gellman, MD, Dominick Gadaleta, MD; North Shore University Hospital

P489 SLEEVE GASTRECTOMY: COMPARISON OF 108 CASES. Omeed Paydar, BS, Erik Dutson, MD, Bradley Genovese, MD, Usah Angeles Khrucharoen, MD, Warren Grundfest, MD; University of California, Los Angeles

P490 ROBOT-ASSISTED VS LAPAROSCOPIC ASSISTED SLEEVE GASTRECTOMY: COMPARISON OF 108 CASES. Umashankar Kannan, MD, Rashikh Choudhury, Daniel T Dempsey, Noel N Williams, Kristoffel R Dumon; 1B Bronx Lebanon Hospital Center, Bronx, NY, 2Johns Hopkins Hospital, Baltimore, Maryland, 3Hospital of the University of Pennsylvania, Philadelphia, Pennsylvania

P491 RECURRENT RATES OF HIATAL HERNA AFTER ROBOTIC REPAIR COMPARED TO LAPAROSCOPIC REPAIR: A CASE SERIES Laura Bernstein, MD, Ealaf Shemmeri, MD, George DeNoto, MD, Larry Gellman, MD, Dominick Gadaleta, MD; North Shore University Hospital
P493 MINIMALLY INVASIVE ESOPHAGECTOMY MAY BE A GOOD PLACE TO TRANSITION TO ROBOTICS: AN ANALYSIS OF THE DATA
Jeffrey R Watkins, MD, Houssam G Osman, MD, John L Jay, MD, Ernest L Dunn, MD, Rohan Jeyarajah, MD; Methodist Dallas Medical Center

P494 PRESERVATION OF THE ALHA (ACCESSORY LEFT HEPATIC ARTERY) IN ROBOT-ASSISTED D2 GASTRIC RESECTIONS
Graziario Pernazza, MD, Pasquale Paolantonio, MD, Francesca Abbatici, MD, Riccardo Ferrari, MD, Paolo Mazzocchi, MD, Stefano Matteicchione, MD, Carlo E Vitelli, MD; AO Spedali Civili, Brescia, Italy, 1"Sapienza" University of Rome, Rome, IT

P495 ROBOTIC VERSUS LAPAROSCOPIC AND OPEN COMPLEX ONCOLOGIC SURGERY: A CASE MATCHED STUDY
Laura M Enomoto, MS, MD, Andrea Murray, MPH, Neil H Bhayani, MHS, MD, Niraj J Gusani, MS, MD, FACs, Joyce Wono, MD; Penn State Hershey Medical Center

P496 ROBOTIC-ASSISTED HERNIA REPAIR: DOES AVOIDING THE TACK AVOID THE PAIN
Chequevara Afaneh, MD, Brendan Finnerty, MD, Rasa Zarnegar, MD; New York-Presbyterian Hospital/Weill Cornell Medical College

P497 GLOWING GREEN: CASE REPORT OF INDOCYANINE GREEN UPTAKE IN GASTROINTESTINAL STROMAL TUMORS
Pearl Ma, MD, Prashanth Navaran, MD, Babak Eghbalieh, MD, FACs; University of California-Fresno Surgery

P498 ROBOT-ASSISTED ONE STAGE RESECTION OF RECTAL CANCER LIVER METASTASIS AND LUNG METASTASIS
Jianmin Xu, We Yi, Xiao Ying Wang, Hong Fan, Wenju Chang; Zhongshan Hospital, Fudan University

P499 ROBOTIC SURGERY FOR RECTAL CANCER: THE FIRST 30 RESECTION
Chu Matsuda, Katsuki Dannno, Susumu Miyazaki, Kazumasa Fujitani, Masaru Kubota, Junji Kawada, Kazuhiro Iwase, Yasuhiro Tanaka; Osaka General Medical Center

P500 ROBOTIC ASSISTED CHOLECYSTECTOMY IN OBSESE PATIENTS
Hien Le, MD, Greg Mancini, Matt Mancini; University of Tennessee Medical Center

P501 ROBOTIC COLORECTAL SURGERY COSTS ARE COMPARABLE TO LAPAROSCOPIC COLORECTAL SURGERY: A COSTS AND OUTCOME ANALYSIS
Vanitha Vasudevan, MD, Ryan Reusche, Hannah Wallace, Srinivas Kaza, MD, FACs; University of Miami Palm Beach Regional Campus

P502 LEARNING CURVE FOR ROBOTIC-ASSISTED CHOLECYSTECTOMY: USE OF ORDINARY LEAST SQUARES METHOD
Omar Y Kudsi, MD, MBA, FACs, Katie Sean, MD, Rachel Goldstein, PhD; Tufts University School of Medicine

P503 ROBOTIC VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY FOR MORBID OBESITY: A META-ANALYSIS
Kandace Kichler, MD, Ryan Reusche, Hannah Wallace, Srinivas Kaza, MD, FACs, Bnai-Zion Medical Center

P504 SURGICAL ROBOT AS THE FIRST ASSISTANT. REVIEW OF 321 CONSECUTIVE ROBOTIC ASSISTED SURGERIES OUTCOMES IN A COMMUNITY HOSPITAL
Omar Y Kudsi, MD, MBA, FACs, Nivedth Paluvoi, MD, Partha Bhurtel, MD; Tufts University School of Medicine

P505 ROBOTIC PARAESOPHAGEAL HERNIA REPAIR: THE LEARNING CURVE IS STEEP
Jeffrey R Watkins, MD, Houssam G Osman, MD, Ernest L Dunn, MD, Rohan Jeyarajah, MD; Methodist Dallas Medical Center

P506 COMPLICATIONS AND OUTCOMES AFTER ROBOTIC COLORECTAL SURGERY: SINGLE SURGERY RESULTS
Joseph B Oliver, MD, MPH, Advaith Bongu, MD, Devin Toledo, MD, Kareem Beidas, MD, Sanjiv K Patankar, MD; Rutgers, New Jersey Medical School, Saint Peter's University Hospital

P507 LAPAROSCOPIC REMOVAL OF A GIANT RETROPERITONEAL SARCOMA
Hugo Bonatti; University of Maryland; Memorial Hospital at Easton

P508 LAPAROSCOPIC-ASSISTED ADRENALECTOMY FOR A GIANT ADRENAL TUMOR: A LOCAL EXPERIENCE
Tess Annette E Serrato-Libron, MD, Miguel C Mendoza, MD, Janeth Carreon, MD, Manuel B Pocsidio, MD, John Paul Regala, MD; AMOSUP Seamen's Hospital, Asian Hospital and Medical Center

P509 TRANS-ABDOMINAL HALS CONVERSION FROM RETROPERITONEOSCOPIC DONOR NEPHRECTOMY IN LIVING DONOR KIDNEY TRANSPLANTATION
Naotake Akutsu, MD, Michihiro Maruyama, Kenichi Saigo, Masayuki Hasegawa, MD, Kazunori Otsuki, MD, Hiromichi Aoyama, MD, Ikuku Matsumoto, MD, Takehide Asano, MD; Chiba-East Hospital

P510 Efficacy of hand-assisted laparoscopic splenectomy for portal hypertension patients with thrombocytopenia
Michiya Kobayashi, MD, PhD, Ken Okamoto, MD, PhD, Hiromichi Maeda, MD, PhD, Hirokazu Kitagawa, MD, PhD, Tsutomu Namikawa, MD, PhD, Ken Dabanaka, MD, PhD, Kazuhiro Hanazaki, MD, PhD, Daisuke Nakamura, MD, Koji Oba, PhD; Department of Surgery, Clinical Oncology and Minimally Invasive Surgery, Kochi Medical School, Cancer Treatment Center, Kochi Medical School Hospital, Department of Surgery 1, Kochi Medical School, Department of Biostatistics, School of Public Health, The University of Tokyo

P511 SHOULD MINIMALLY SPLENECTOMY BE OFFERED IN PATIENTS WITH SPLENOMEGALY
Matthew T Major, BS, Jennifer N Choi, MD, Daniel T McKenna, MD, Don J Selzer, MD, MS; Indiana University School of Medicine

P512 RETROPERITONEOSCOPIC ADRENALECTOMY – A RETROSPECTIVE COMPARISON TO THE LAPAROSCOPIC APPROACH
Ariel Shwitzer, MD, Ibrahim Matter, MD, Gideon Sroka; Department of General Surgery, Bni-Zion Medical Center

P513 NOVEL TECHNIQUE FOR EXTRACTING A GIANT SPLEEN THROUGH LAPAROSCOPIC SPLENECTOMY
Shingo Ishida, MD, Masayasu Aikawa, MD, Yukihiro Watanabe, MD, Katsuya Okada, MD, Kojun Okamoto, MD, Mitsuo Miyazawa, MD, Isamu Koyama, MD; Saitama Medical University, International Medical Center

P514 LAPAROSCOPIC ADRENALECTOMY: A COMPARISON OF LATERAL TRANSPERITONEAL VS POSTERIOR RETROPERITONEAL APPROACH
Ji-Young Sul, MD, PhD, Jeong-whan Cha, MD, Jun-Beom Park, MD; Chungnam National University Hospital

P515 CHOLEDODCHOSCOPY MAY NOT BE NECESSARY FOR LAPAROSCOPIC COMMON BILE DUCT EXPLORATION
Ahmed Elseidie; Gastroenterology Surgery Center, Mansoura University

P516 A PHASE II/III CLINICAL TRIAL OF AN AUTOLOGOUS TUMOR/DENDRITIC CELL FUSION (DENDRITOMA) VACCINE WITH LOW DOSE INTERLEUKIN-2 IN STAGE IV MELANOMA
Julia M Greene, MD, BSc, Erika J Schneble, MD, Xianzhong Yu, PhD, Thomas E Wagner, PhD, George E Peoples, MD, Joyce Wong, MD; Penn State Hershey Medical Center, Perseus PCI, Cancer Insight
ETP001 SUBLINGUAL SUFFERINAT FOR THE MANAGEMENT OF ACUTE PAIN: Forrest Ringgold, MD; Harold Minkowitz, MD; Tong-Joo Gan, MD; Yu-kun Chiang, PhD; Karen DiDonato, RN, MSN; Pamela Palmer, MD, PhD; ‘Mobile Infirmary Medical Center, ’Memorial Hermann Memorial City Medical Center, ’Stony Brook University Hospital, ’Essence Sciences, Inc., ’AcelRx Pharmaceuticals

ETP002 TOUCH SURGERY, MOBILE COGNITIVE TASK SIMULATION AND REHEARSAL: Ali N Bahnous, MBBS; Jean Nehme, MBBS, MSc; Andre Chow; ‘King’s College London, ’Touch Surgery

ETP003 A NOVEL, HIGH FIDELITY AND COST-EFFECTIVE ADVANCED LAPAROSCOPIC TRAINING BOX FOR SURGICAL SIMULATION: Juan A Alvarado, MD, Julian Varas, MD, Richard Castillo, MD, Cristobal Maiz, MD, Antonia Lagos, Erwin Buckel, MD, Camilo Boza, MD, FACS; Sergio Silva, Pontificia Universidad Catolica de Chile

ETP004 A MOTION ANALYSIS PLATFORM FOR REAL TIME LAPAROSCOPIC PERFORMANCE USING MOBILE AND WEARABLE TECHNOLOGY: Vivian E de Ruiter, MD; Catherine Wong; Adrian Rodriguez; Kiruthiga Nanagedap, BS, MS, PhD; Lee L. Swanstrom, MD, FACS; James Wall, MD, FACS; ’Stanford University, Department of Surgery, ’Stanford University, Department of Computer Science, ’IHU-IRCAD, University Hospital of Strasbourg, Strasbourg, France

ETP005 A NOVEL TECHNIQUE OF THE 15-MM BLUNT TROCAR SITE CLOSURE IN MORBIDLY OBSESE PATIENTS UNDERGOING LAPAROSCOPIC SLEEVE GASTRECTOMY: Obaida Batal, MD, Piotr Gorecki; New York Methodist Hospital

ETP006 RECTAL SHAVING USING ELECTRICALLY NEUTRAL, PURE PLASMA ENERGY IN DEEP ENDOMETRIOSIS INfiltrATING THE RECTUM: A STEP TOWARD A MORE CONSERVATIVE RECTAL SURGERY: Horace Roman, MD, PhD; Adrian Lobontiu, MD; Rouen University Hospital, ’PlasmaSurgical Ltd

ETP007 SENTINEL LYMPH NODE IDENTIFICATION IN COLON CANCER WITH ROBOTIC NEAR INFRARED FLUORESCENT IMAGING SYSTEM: Giuseppe Spinoglio, MD; Alessandra Marano, MD; Fabio Priora, MD; Luca M Lenti, PhD; Ferruccio Ravazzoni, PhD; Giampaolo Formisano, MD; ’Humanitas Clinical and Research Center, Rozzano, Italy, ’SS Antonio and Biagio Hospital, Alessandria, Italy, ’Misericordia Hospital, Grosseto, Italy

ETP008 ANALYSIS OF THE ERGONOMICS AND PERFORMANCE USING A NOVEL HANDHELD ROBOTIC LAPAROSCOPIC INSTRUMENT DURING LAPAROENDOSCOPIC SINGLE SITE SURGERY: Francisco M Sanzcher-Margallo, PhD; Juan A Sanchez-Margallo, PhD; Francisco J Perez; Blanca Fernandez, Minimally Invasive Surgery Centre

ETP009 UTILITY OF PROBE-BASED CONFOCAL LASER ENDOMICROSCOPY IN SCREENING WORK-UP FOR BARRETT’S ESOPHAGUS: John Burnette, MD; Alvin Zfass, MD; Alexandre M Roch, MD, MS; John Bagnato, MD; ’Department of Surgery, Coliseum Northside Hospital, Macon, GA, USA; ’Division of Gastroenterology, Commonwealth University Medical Center, Richmond, VA, USA, ’Department of Surgery, Indiana University School of Medicine, Indianapolis, IN, USA

ETP010 EARLY EXPERIENCE WITH A NEW 3 MM TISSUE AND VESSEL SEALING DEVICE: Steven Rothenberg, MD; E. FACS, FAAP; Rocky Mountain Hospital for Children

ETP011 ENDOSCOPIC ANTERIOR FUNDOPLICATION WITH THE MEDIGUS ULTRASONIC SURGICAL ENDOSTAPLER (MUSE): RESULTS FROM AN EX-VIVO SIMULATION TRIAL TO ASSESS THE EFFICACY OF THE PROCEDURE BY COMPARING STAPLING POSITION AND GASTRIC YIELD PRESSURES: Tae-Geun Gweon, MD; Kai Matthes, MD, PhD; Boston Children’s Hospital, Harvard Medical School

ETP012 A NEW SLIM PROFILE LAPAROSCOPIC DEVICE - COMPARING TRADITIONAL LAPAROSCOPIC INSTRUMENTS AND AVAILABLE SLIM PROFILE DEVICE USING FLS TESTING PROTOCOLS: Lars Webb, MD; Nova Szoka, MD, Richard Miskimins, MD, Edward Auyang, MD, MS, FACS; University of New Mexico School of Medicine

ETP013 THE SMARTOR: AN AUTOMATED WORKFLOW MONITORING SYSTEM FOR IMPROVING OR EFFICIENCY AND OPTIMIZING PATIENT CARE: Albert Huang, MD; Guillaume Joerger, MS; Marc Garby, PhD; Brian J Dunkin, MD; Houston Methodist, ’University of Houston

ETP014 TOWARDS THE FUTURE OF ENDOLUMINAL SURGERY – PRE-ClinICAL EXPERIENCE OF USING THE ESP: S K Sharma; A Datta; A Nguyen; C D Dillon; L Lefebvre; G Silberhumer; J F Cornhill; J W Milson; ’Minimally Invasive New Technologies, Weill Cornell Medical College and N.Y Presbyterian Hospital, ’Medical University Vienna, Department of Surgery, Vienna, Austria

ETP015 INDUCED WEIGHT LOSS VIA CATHETER BASED CHEMICAL MODULATION OF THE SMALL INTESTINE IN AN OBSESE RODENT MODEL: Howard Lederer, MD; David Lodin, BSME; ’Fabtec Medical/ Hennepin County Medical Center, ’Fabtec Medical

ETP016 THE APPLICATION OF A NEW-TYPE ANATOMICAL TRANSANAL DECOMPRESSION TUBE IN PREVENTING POSTOPERATIVE ANASTOMOTIC LEAKAGE OF RECTAL CANCER: Yun Yang, MD, Shu Ye, MD, PhD; West China Hospital, Sichuan University

ETP017 TRANS-PERI-AREOLAR ENDOSCOPIC BREAST CONSERVATIVE SURGERY FOLLOWED WITH ENDOSCOPIC SENTINEL LYMPH NODE BIOPSY OR ENDOSCOPIC AXILLARY LYMPH NODE DISSECTION IN TREATMENT IN BREAST CANCER: Weige Yang, MD, Hongwei Zhang, MD, Wei Zhu, Hongshan Wang, Fudan University affiliated Zhongshan Hospital

ETP018 THE CONNECTED GASTRIC BYPASS: HOW REMOTE MONITORING OF VITAL PARAMETERS COULD IMPROVE SAFETY FOLLOWING DAY SURGERY: Philippe Topart, MD; Carine Phocas, RN; Clinique de l’Anjou

ETP019 3D PRINTING TECHNOLOGY FOR SURGICAL PLANNING MODELS IN LAPAROSCOPIC ABDOMINAL SURGERY: Stefania Marconi, MSc; Andrea Pietrabissa, PhD, MD; Ferdinando Auricchio, PhD; ’Dept. of Surgical Sciences, Dept. of Civil Engineering and Architecture, University of Pavia, ’Dept. of Surgical Sciences, University of Pavia, ’Dept. of Civil Engineering and Architecture, University of Pavia

ETP020 SHAPE DEPOSITION MANUFACTURING OF A “SMART”, ATRAUMATIC, DEPLOYABLE SURGICAL GRASPER FOR ROBOTIC-ASSISTED PANCREATECTOMY: Amelia A Watkins; Joshua Gafford; Ye Ding; Andrew Harris; Terrence McKenna; Panagiota Polyrinou; Donald Holland; Conor Walsh; Arthur J Moser; ’Beth Israel Deaconess Medical Center, ’Harvard University, ’Trinity College Dublin, Ireland, ’Wyss Institute for Biologically-Inspired Engineering

ETP021 SEMI-AUTONOMOUS ROBOT FOR DIAGNOSTIC COLONOSCOPY: C R Welch, BS; H Dehghani, MS; Benjamien Terry, PhD; Carl Nelson, PhD; Tammy Kindel, MD, PhD; Dmitry Oleynikov, MD; ’University of Nebraska Lincoln, ’University of Nebraska Medical Center
ETP022 POLY-4-HYDROXYBUTYRATE MESH FOR HIGH RISK VENTRAL AND INCISIONAL HERNIAS: EARLY RESULTS. J. Scott Roth, MD1, Gary Anthone, MD2, Don J Seitzer, MD3, Ben K Poulose, MD4, James G Bittner, MD5, William W Hope, MD6, Raymond M Dunn, MD7, Robert G Martindale, MD, PhD8, Matthew I Goldblatt, MD9, David B Earle, MD10, Gregory J Mancini, MD11, Jacob A Greenberg, MD12, John Linn, MD13, Eduardo Parra-Davila, MD14, Bryan J Sandler, MD15, Guy R Voeller, MD16,University of Kentucky Medical Center, 1Methodist Health System, Omaha, NE, 2The Trustees of Indiana University, Indianapolis, IN, 3Vanderbilt University Medical Center, Nashville, TN, 4Virginia Commonwealth University, Richmond, VA, 5New Hanover Regional Medical Center, Wilmington, NC, 6University of Massachusetts Worcester; Worcester, MA, 7Oregon Health & Science University, Portland, OR, 8The Medical College of Wisconsin, Inc., Milwaukee, WI, 9Baylor Medical Center, Springfield, MA, 10The University of Tennessee Health Science Center, Memphis, TN, 11The Regents of the University of California, San Diego, CA, 12The University of Tennessee Health Science Center, Memphis, TN

ETP023 DEVELOPMENT OF A SWALLOWABLE, LONG-DURATION ATTACHMENT BIOSENSOR FOR THE SMALL INTESTINE FOR USE IN A MOBILE HEALTH APPLICATION W Xie, BS1, W Lewis, BS5, Jennifer Jolley, MD, Vishal Kothari, MD, Benjamin Terry, PhD1, Dmitry Oleynikov, MD, University of Nebraska Lincoln, University of Nebraska Medical Center

ETP024 INTRAOPERATIVE, REAL-TIME FLUORESCENT MICROSCOPIC IMAGING IN AN ANIMAL MODEL USING ROBOTIC SURGERY Hans Fuchs, MD, PhD, Ryan C Broderick, MD, Cristina R Harnsberger, MD, PhD, Mark A Valasek, MD, PhD, Santiago Horgan, MD, Panasonic J Kelly, MD, University of California San Diego

ETP025 A NOVEL NATURAL USER INTERFACE FOR IMAGE-GUIDED_MINIMALLY INVASIVE SURGERY Francisco M Sanchez-Margallo, PhD, Juan A Sanchez-Margallo, PhD, Jose L Moyano Cuevas, MsC, Juan Maestre Antequera; Minimally Invasive Surgery Centre

ETP026 TEMPORARY REPLACEMENT OF THE COMMON BILIARY DUCT BY A SILICONE TUBE, AS AN URGENT REPAIR OF IATROGENIC INJURY. EXPERIMENTAL STUDY IN PIGS. Daniel A Napolitano, MD, PhD, Xavier Rodriguez Bertola, MD, Gabriela M Sambuelli, MD; Universidad Catolica de Cordoba

ETP027 LAPAROSCOPIC TRANSGASTRIC NECROSECTION FOR THE MANAGEMENT OF WALL-OFF PANCREATIC NECROSIS (WITH VIDEO) Anq Li, Xianwu Hospital Capital Medical University

ETP028 EVA - A NEW FLEXIBLE ENDOSCOPIC INSUFFLATOR TECHNOLOGY Silvana Perretta, MD, John O’Dea, PhD, Lee L Swanstrom, MD, Ricardo Soare, MD, Andres Legner, MD, Bernard Dallemagne, MD, IRCAD, Strasbourg, France, Croaspon, Galway, Ireland, 1IHU Strasbourg

ETP029 A COMPLIANT ACTIVE ROBOTIC PLATFORM FOR COLONOSCOPY Luigi Manfredi, MD, Alfred Cuschieri; IMaST

ETP030 FIRST EXPERIENCE WITH A NOVEL DEVICE FOR MORE EFFECTIVE PERFORMANCE OF LAPAROSCOPIC SLEEVE GASTRECTOMY Mena Boules, MD, Julietta Chang, MD, Ricardo Corcelles, MD, PhD, Dvir Freylich, MD, John Rodriguez, MD, Matthew Kroh, MD; Cleveland Clinic

ETP031 SLEEVE GASTRECTOMY STAPLING GUIDE Jonathan R Thompson, MD1, Brad M Watkins, MD2, Daniel E Abbott, MD2, Tayyab S Diwan, MD2, University of Cincinnati Research Institute, 1University of Cincinnati, Department of Surgery

ETP032 SMARTPHONE-BASED LAPAROSCOPY: A NOVEL COST-EFFECTIVE LAPAROSCOPIC IMAGING TECHNIQUE Vivian E de Ruiter, MD1, Brain Huyyn1, Kay Hung1, Brian Bradley1, Alison Keiper1, B5, Iretiayo Akinola, BS1, Lee L Swanstrom1, James K Wall1, James N Lau1; 1Stanford University, Department of Surgery, 2Stanford University, Department of Mechanical Engineering, 3Stanford University, Department of Biomedical Engineering, 4Stanford University, Department of Biomechanical Engineering, 5Stanford University, Department of Electrical Engineering, 6IHU-IRCAD, University Hospital of Strasbourg, Strasbourg, France

ETP033 PLASMAJET® SURGERY SYSTEM – HIGH ENERGY JET WITH UNIQUE TISSUE EFFECTS Steven P Walsh, PhD, Nikolay Sulsov, PhD, Brian Tippet, MD, Alexandra MacLean, MD; Plasma Surgical, Inc

ETP034 1CG FLUORESCENCE IMAGING OF BILIARY ANATOMY DURING LAPAROSCOPIC CHOLECYSTECTOMY N Taqyo, PhD, T Tatsuoka, Y Kubota, M Takagami, A Suzuki, K Saito, Y Yamagata, T Okuyama, S Kokeits, Y Sugamata, S Sameshima, M Oya; Department of Surgery, Dokkyo Medical University Koshigaya Hospital

ETP035 ERGONOMIC ANALYSIS OF A NOVEL HANDHELD ROBOTIC LAPAROSCOPIC INSTRUMENT DURING MINIMALLY INVASIVE SURUTING TASKS Francisco M Sanchez-Margallo, PhD, Juan A Sanchez-Margallo, PhD, Javier Hermoso, Msc; Minimally Invasive Surgery Centre

ETP036 TRAINING WHEELS FOR LAPAROSCOPIC SURGERY: KINEMATIC AND DYNAMIC CONSTRAINTS FOR PROPER TOOL HANDLING Husam Wadi, BS1, Diana Diesen, MD2, Ann Majewicz, PhD2; 1University of Texas at Dallas, 2Children’s Medical Center

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