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

Held in conjunction with Military Surgical Symposium

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

FINAL PROGRAM

April 2 - 5, 2014  Salt Lake City, UT

www.sages.org  sages2014.org

@SAGES_Updates  www.facebook.com/SAGESSurgery

Society of American Gastrointestinal and Endoscopic Surgeons
Producing solutions in collaboration with clinicians to provide better patient care

Visit us at this year’s SAGES 2014 Annual Meeting-Booth 819
Table of Contents

1 General Information – Registration, Exhibit Hours, Speaker Prep & Shuttle Hours
2 News for SAGES
3 Area Map with Hotels Info and Unique Features for 2014
4 Schedule at a Glance
5 Community Service Initiatives
6 Policy on Conflict of Interest
7 Commercial Bias Reporting Form
8 SAGES Accreditation
9 CME Reporting & Worksheet
10 SAGES Learning Themes & Guidelines
11 SAGES Meeting Leaders

12 WEDNESDAY, APRIL 2, 2014
14 Half-Day Postgraduate Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications
15 Symposium: Career Development
16 Panel: SAGES/SSAT – Optimizing Results of Fundoplication
17 SAGES Foundation Awards Luncheon
19 Panel: Getting Your Video Accepted
20 Panel: Per Oral Endoscopic Myotomy (POEM)
21 Panel: Reoperative Pelvic Surgery, Benign and Malignant – What is the Big Deal?
22 Panel: FUSE, Fire and Fiasco – OR Safety 101
23 Panel: Product Development – Innovations for Patients Benefits
24 Panel: Updates in Benign CRS
25 Exhibits Opening Welcome Reception

26 THURSDAY, APRIL 3, 2014
27 2014 SAGES Webcast
28 Military Surgical Symposium
29 Half-Day Postgraduate Course: Common Bile Duct (CBD) Stones
30 Half-Day Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success
31 Panel: Hepato-Pancreato-Biliary
32 Symposium: NOSCAR™ Symposium – Advances in Natural Orifice Surgery
33 Keynote: Karl Storz Lecture – David Williams, MD
34 “From Checklists to Culture What Spacewalking Brings to Surgery”
35 Educator’s Luncheon “Optimizing Simulation and Technology in Graduate Surgical Education: State of the Art 2014”
36 Concurrent Session SS1 MIS/Solid Organ
37 Half-Day Postgraduate Video-based Course: Ventral Hernia Repair – Technical Considerations in Challenging Scenarios
38 Half-Day Hands-On Course: CBD Stones
39 Didactic and Hands-On Course: Flex Endo – Train the Trainers
40 Symposium: Ethics of Innovation
41 Panel: SAGES/KSELS – Gastric Cancer
42 Concurrent Session SS2 Video 1
43 Panel: Current Management of Rectal Cancer
44 Industry Education Evening Events
45 Applied Medical
46 Davol
47 Intuitive
48 Olympus

49 FRIDAY, APRIL 4, 2014
50 Military Surgical Symposium
51 Concurrent Session SS3 Video 2
52 Concurrent Session SS4 NOTES/Transanal
53 Concurrent Session SS5 Quick Shots 1
54 Panel: SAGES/JSES – Endoscopic Submucosal Dissection (ESD): When will we catch up with our Japanese colleagues?
55 SS6 Plenary Session 1
56 Keynote: Presidential Address – Gerald M. Fried, MD
57 “Connecting in the Digital Age”
58 Keynote: Gerald Marks Lecture – Prof. Amitai Ziv, MD
59 “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”
60 Concurrent Session SS7 Education/Simulation
61 Concurrent Session SS8 Outcomes
62 Concurrent Session SS9 Metabolic/Obesity 1
63 Concurrent Session SS10 Basic Science
64 Fellowships Council Luncheon “Strategies for Overcoming the Financial Challenges Facing the Fellowship Council”
65 SAGES Medical Student Travel Award Winners
66 Half-Day Postgraduate Course: Humanitarian
67 The Great Presidential Debates of 2014
68 Panel: Emerging Frontiers in Simulation-Based Surgical Education
69 Panel: SAGES/ALACE – Evolution and Clinical Applications of Minimal Access Surgery in Latin America
70 Panel: MIS Jeopardy
71 Session: Emerging Technology
72 Panel: MIS for Acute Care Surgeons
73 Panel: SAGES/EAES – Benign Foregut: Opinions and Evidence in the Management of Benign Esophageal Disorders
74 Resident/Fellow Scientific Session

75 SATURDAY, APRIL 5, 2014
76 Concurrent Session SS11 Hernia
77 Concurrent Session SS12 Robotics/Ergonomics
78 Concurrent Session SS13 HPB
79 Panel: Bariatric Complications for the non-Bariatric Surgeon
80 Panel: Why Haven’t Conversion Rates Improved?
81 SS14 Plenary Session 2
82 SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend!
83 Concurrent Session SS15 Colorectal
84 Concurrent Session SS16 Flexible Endoscopy
85 Concurrent Session SS17 Foregut
86 Concurrent Session SS18 Metabolic/Obesity 2
87 Concurrent Session SS19 Quick Shots 2
88 SAGES Mini-Medical School Boot Camp for High School Students
89 2014 Learning Center
90 Membership – Join SAGES
91 Social Programs
92 Welcome Reception
93 Barbara Marks Commemorative Breakfast
94 Meet the Leadership Reception for Residents, Fellows & New Members
95 SAGES Gala & International Singoff
96 Invited Faculty
97 Faculty and Presenter Disclosures
98 Posts of Distinction
99 Poster Listings
100 Emerging Technology Poster Listings
101 Video Channel
102 Exhibit Floor Plan
103 Exhibitor Listing
104 Exhibit Floor Plan
105 Welcome Reception
106 Barbara Marks Commemorative Breakfast
107 Meet the Leadership Reception for Residents, Fellows & New Members
108 SAGES Gala & International Singoff
109 Invited Faculty
110 Faculty and Presenter Disclosures
111 Posts of Distinction
112 Poster Listings
113 Emerging Technology Poster Listings
114 Video Channel
115 Exhibit Floor Plan
116 Exhibitor Listing

www.sages2014.org | Twitter: @SAGES_Updates | www.sages2014.org | Twitter: @SAGES_Updates | www.sages2014.org | Twitter: @SAGES_Updates
MORE vision
MORE control
ONE incision

Single-Site®
Cholecystectomy

Discover what’s next in da Vinci® Surgery
April 3, 2014
Ballroom A-D at 5:30pm
General Information

Surgical Spring Week

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

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

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

See pages 41 and 63 for their program outline.

A Gentle Reminder About Safety/Security:
We have taken every precaution to assure the safety and security of our guests and their possessions. However, we urge you to be aware and take simple steps to guard your possessions.

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

Have a safe & secure meeting!

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

SAGES Registration Hours

<table>
<thead>
<tr>
<th>Date</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, April 1</td>
<td>12:00 PM - 5:00 PM</td>
</tr>
<tr>
<td>Wednesday, April 2</td>
<td>6:30 AM - 6:30 PM</td>
</tr>
<tr>
<td>Thursday, April 3</td>
<td>6:30 AM - 5:30 PM</td>
</tr>
<tr>
<td>Friday, April 4</td>
<td>6:30 AM - 5:30 PM</td>
</tr>
<tr>
<td>Saturday, April 5</td>
<td>7:00 AM - 2:00 PM</td>
</tr>
</tbody>
</table>

Exhibits Hours - Dates/Times & Refreshment Breaks

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wednesday, April 2</td>
<td>5:30 pm - 7:30 pm</td>
</tr>
<tr>
<td>Thursday, April 3</td>
<td>9:30 am - 4:00 pm</td>
</tr>
<tr>
<td></td>
<td>9:30 am - 10:00 am</td>
</tr>
<tr>
<td></td>
<td>3:00 pm - 3:30 pm</td>
</tr>
<tr>
<td>Friday, April 4</td>
<td>9:30 am - 4:00 pm</td>
</tr>
<tr>
<td></td>
<td>3:15 pm - 3:45 pm</td>
</tr>
<tr>
<td>Saturday, April 5</td>
<td>10:00 am - 12:30 pm</td>
</tr>
<tr>
<td></td>
<td>11:45 am - 12:30 pm</td>
</tr>
</tbody>
</table>

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

Speaker Prep Room Hours

Room 150 A

<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tuesday, April 1</td>
<td>8:00 am - 5:00 pm</td>
</tr>
<tr>
<td>Wednesday, April 2</td>
<td>5:30 am - 5:30 pm</td>
</tr>
<tr>
<td>Thursday, April 3</td>
<td>5:30 am - 5:30 pm</td>
</tr>
<tr>
<td>Saturday, April 5</td>
<td>6:00 am - 2:00 pm</td>
</tr>
</tbody>
</table>

Getting Around SLC/ Shuttle Info:

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

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

SAGES Shuttle to the Meet the Leadership and Gala at the Depot – will operate from the Grand America, Hilton (with stop at Hotel Monaco), Marriott City Center and the Convention Center starting at:
- 5:30pm for the Meet the Leadership
- 6:30pm for the Gala
- Last departure from the Depot back to the hotels will be at 11:30pm

Free Fare Zone Map
* SPOTLIGHT ON HERNIA *

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

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

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

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

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

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

Surgical Spring Week | SAGES 2014

4 Scientific Session & Postgraduate Courses
Unique Features of the 2014 SAGES Meeting

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

P.S. What is not unique is that food and alcoholic beverages will be plentiful, as always, at the SAGES Gala event
**SAGES 2014 Schedule at a Glance**

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

### Wednesday, April 2, 2014

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

### Thursday, April 3, 2014

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“The Future of Transanal Surgery: TAMIS and Beyond” Presented by Applied Medical</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“From Permanent to Biologics to the Resorbable PHASIX Mesh: Right Procedure, Right Product, Right Outcome” Presented by Davol Inc., a BARD Company</td>
<td>Room 150 D-F</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“da Vinci Surgery Symposium” Presented by Intuitive Surgical</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“Advanced Imaging and Energy Technologies in Laparoscopy” Presented by Olympus America, Inc</td>
<td>Ballroom E-H</td>
</tr>
</tbody>
</table>
# SAGES 2014 Schedule at a Glance

## Friday, April 4, 2014

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

## Saturday, April 5, 2014

<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>Concurrent Session SS11 Hernia</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Concurrent Session SS12 Robotics/Ergonomics</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Concurrent Session SS13 HPB</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Panel: Bariatric Complications for the non-Bariatric Surgeon</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Panel: Why Haven’t Conversion Rates Improved?</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>9:30 AM - 11:00 AM</td>
<td>SS14 Plenary Session 2</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>10:00 AM - 12:30 PM</td>
<td>Exhibits, Poster Session, Learning Center Open</td>
<td>Exhibit Hall A-C</td>
</tr>
<tr>
<td>11:00 AM - 11:45 AM</td>
<td>SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend! (not accredited for CME)</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>11:45 AM - 12:30 PM</td>
<td>FREE LUNCH for All Attendees</td>
<td>Exhibit Hall A-C</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS15 Colorectal</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS16 Flexible Endoscopy</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS17 Foregut</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS18 Metabolic/Obesity 2</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS19 Quick Shots 2</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>7:30 AM - 2:00 PM</td>
<td>SAGES Mini-Medical School Boot Camp for High School Students (not accredited for CME)</td>
<td>Room 250</td>
</tr>
</tbody>
</table>
Again this year SAGES will be involved in several projects to support the community in which we host our annual meeting. This is an extraordinary way for registrants and guests to help repair the world one tiny step at a time.

This year’s initiatives:

**Utah Food Bank**

Thursday, April 3 – 1:30PM - 4:30PM
Meet at 1:15PM at Convention Center, South Foyer Entrance for shuttle transportation pickup
Limitation: Must be 12 years of age or older
Snacks & Water Provided
Cost: No fee
Signup available at registration desk by Wednesday, 6:30pm

1 in 6 Utahns, and 1 in 5 Utah Children are unsure where their next meal will come from. Come out and help the Utah Food Bank fight hunger by volunteering at their warehouse sorting food drive donations or putting together boxes to be delivered to senior citizens.
Transportation will be provided from the convention center to/from the Utah Food Bank. Please dress appropriately for the tasks at hand and wear comfortable closed toe shoes.

**Habitat for Humanity**

Friday, April 4 – 8:30AM - 3:00PM
Meet at 8:30AM at Convention Center, South Foyer Entrance for shuttle transportation pickup
Limitation: Must be 16 years of age or older
Lunch and “Volunteer” T-Shirt Provided
Cost: No fee
Signup available at registration desk by Wednesday, 6:30pm

This organization needs no introductions. Come join us to help Habitat for Humanity eliminate poverty housing and homelessness in the county of Salt Lake City by helping to build and rehabilitate houses. Due to a mandatory safety orientation only individuals who can arrive at the build site by 9am can sign-up (unfortunately no latecomers allowed). You do not need any type of experience, knowledge or background in construction to participate. We are limited to a maximum capacity of 15 volunteers at the construction site so sign-up fast for this memorable experience!
Transportation will be provided from the convention center to/from the construction site. Please dress appropriately for the weather as you may be working inside and/or outside and wear comfortable closed toe shoes.

**Mini-Med School Boot Camp**

Saturday, April 5 – 7:30AM - 2:00PM
Limitation: Must be a High School Student
Lunch Provided
Cost: No fee
Advance Registration Required

High school students from the Salt Lake City area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. The day is power packed with classroom lectures, tours of the Learning Center and Exhibit Hall and the Top Gun Interactive Experience. Both cognitive and skill competitions with awards and prizes will be offered. See page 99 for further details.

**SAGES Recognition of Excellence Award**

Log onto SAGESPAGES to learn To Whom, From Whom and Why recipients of the 2014 SAGES Recognition of Excellence Coin.
www.sages.org/sagespages
Strattice™ Reconstructive Tissue Matrix
Laparoscopic

The biologic matrix you know and trust¹ now designed to address the specific challenges of complex laparoscopic hernia repair

A minimally invasive alternative for your complex patients

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

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

©2014 LifeCell Corporation. All rights reserved. LifeCell™ and Strattice™ are trademarks of LifeCell Corporation. MLC3914/3736/2-2014
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.
You are encouraged to …

1) Document (on this form) any concerns about commercially-biased presentations/ materials during educational sessions, and

2) Immediately take your completed form to the SAGES staff at Meeting Registration at the Salt Lake City Convention Center or fax it to (310) 437-0585.

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

**Commercial Bias**

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

### Presentation: Commercial Bias by: Promotion via:

(eg session name, etc) (ie faculty name, company rep) (eg handouts, slides, what they said, actions)

---

**Commercial Bias about:**

(check all that apply)

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

Please return this form to SAGES Meeting Registration or fax to (310) 437-0585.
Accreditation:
The Society of American Gastrointestinal and Endoscopic Surgeons (SAGES) is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to sponsor Continuing Medical Education for physicians.

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

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

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

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

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

For additional information on the ABS MOC program and it’s 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.

### SAGES 2014 Final Program CME Hours

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

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)

- Bariatrics
- Colorectal
- Flex Endo
- Foregut
- Hernia
- Academic/Educational – simulation-based teaching, research-related techniques, career development, fellowship training, and the development of innovative ideas
- New technologies/Skill acquisition – cutting-edge therapies such as robotic, single access, POEM, and natural orifice techniques
- Professional/Economic – strategies for improving practice efficiency and patient safety including billing and the use of electronic medical records
- HPB/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 2014 Meeting Leaders

Program Chairs:

Jeffrey M. Marks, MD
Tonia M. Young-Fadok, MD, MS

2014 Course Chairs & Unit Coordinators

Military Surgical Symposium:
Chair: LTC[P] Robert B. Lim, MD
Co-Chair: COL Robert M. Rush, MD & LTC Yong U. Choi, MD

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

Equipment Czars:
Chair: Brian R. Smith, MD
Co-Chair: Benjamin K. Poulouse, MD

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

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

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

Postgraduate Course: CBD Stones
Chair: Joseph B. Petelin, MD
Co-Chair: Brian J. Dunkin, MD

Postgraduate Course: SAGES/CAGS/ERAS Society – Enhanced Recovery After Surgery Pathways
Chair: Olle Ljungqvist, MD, PhD
Co-Chair: Liane S. Feldman, MD

Postgraduate Course: Ventrail Hernia Repair – Technical Considerations and Strategies for Success
Chair: Kristi Lee Harold, MD
Co-Chair: Yuri Novitsky, MD

Postgraduate Video-based Course: Ventrail Hernia Repair – Challenging Scenarios
Chair: Brent D. Matthews, MD
Co-Chair: Kent W. Kercher, MD

Postgraduate Course: SAGES/ASMS – Endoscopic Management of Bariatric Complications
Chair: Natan Zundel, MD
Co-Chair: Jeffrey W. Hazey, MD

Postgraduate Course: Humanitarian
Chair: Adrian Park, MD
Co-Chair: Raymond R. Price, MD

Didactic and Hands-On Course: Flexible Endoscopy – Train the Trainers
Chair: Thadeus L. Trus, MD
Co-Chair: E. Matthew Ritter, MD

Hands-On Course: CBD Stones
Chair: Eric Steven Hungness, MD
Co-Chair: Mark J. Watson, MD

Hands-On Course: SAGES/ASMS – Endoscopic Management of Bariatric Complications
Chair: Dean J. Mikami, MD
Co-Chair: Mark Mark Pauli, MD

Fellowship Council Luncheon
Chair: Samer G. Mattar, MD
Co-Chair: Bruce D. Schirmer, MD

Educator’s Luncheon
Chair: John D. Mellinger, MD
Co-Chair: Brent D. Matthews, MD

SAGES Board of Governors Executive Committee

President: Gerald M. Fried, MD
President-Elect: L. Michael Brunt, MD
1st Vice President: Brian J. Dunkin, MD
2nd Vice President: Adrian Park, MD
Secretary: Tonia Young-Fadok, MD, MS
Treasurer: Daniel J. Scott, MD
Immediate Past President: W. Scott Melvin, MD

Members of the Board
Horacio Asbun, MD
Fredrick Brody, MD, MBA
Jo Buyske, MD *
Robert Fanelli, MD
Tim Farrell, MD
Liane Feldman, MD
Daniel Herron, MD
Santiago Horgan, MD
Matthew Hutter, MD
Gretchen Purcell Jackson, MD, PhD
Daniel Jones, MD, MS
Kosar Khwaja, MD
Marina Kurian, MD
Robert Lim, MD
Samaad Malik, MD
Jeffrey Marks, MD
Brent Matthews, MD
Stephen McNatt, MD
W. Scott Melvin, MD
Sumeet Mittal, MD
Jonathan Myers, MD
John Paige, MD
Edward Phillips, MD
Aurora Pryor, MD
Archana Ramaswamy, MD
William Richardson, MD
Sharona Ross, MD
Christopher Schlachta, MD
Daniel Scott, MD
Don Selzer, MD
Ali Tavakkoli, MD
Carl Westcott, MD
Manabu Yamamoto, MD, PhD
Tonia Young-Fadok, MD, MS
Natan Zundel, MD

SAGES Program Committee

Chair: Daniel M. Herron, MD
Co-Chair: Jon Gould, MD
Mehran Anvari, MD
Juan Barajas-Gamboa, MD
Simon Bergman, MD
James Bittner, MD
Steven Bowers, MD
Fredrick Brody, MD, MBA
Michael Edye, MD
Edward Felix, MD
Matthew Goldblatt, MD
Carroll Harmon, MD
Michael Holzman, MD
Santiago Horgan, MD
Gretchen Purcell Jackson, MD, PhD
Daniel Jones, MD, MS
Kosar Khwaja, MD
Marina Kurian, MD
Robert Lim, MD
Samaad Malik, MD
Jeffrey Marks, MD
Brent Matthews, MD
Stephen McNatt, MD
W. Scott Melvin, MD
Sumeet Mittal, MD
Jonathan Myers, MD
John Paige, MD
Edward Phillips, MD
Aurora Pryor, MD
Archana Ramaswamy, MD
William Richardson, MD
Sharona Ross, MD
Christopher Schlachta, MD
Daniel Scott, MD
Don Selzer, MD
Ali Tavakkoli, MD
Carl Westcott, MD
Manabu Yamamoto, MD, PhD
Tonia Young-Fadok, MD, MS
Natan Zundel, MD

* = Past President
SAGES 2014 Meeting Leaders

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

Bariatric Complications for the non-Bariatric Surgeon Panel:
  Chair: Ninh Tuan Nguyen, MD
  Co-Chairs: Matthew I. Goldblatt, MD

Current Management of Rectal Cancer Panel:
  Chair: David Etzioni, MD
  Co-Chair: George J. Chang, MD

Emerging Frontiers in Simulation-Based Surgical Education Panel:
  Chair: Steven D. Schwartzberg, MD
  Co-Chair: Suvarn A. De, Sc.D.

FUSE, Fire and Fiasco – OR Safety 101 Panel:
  Chair: Pascal R. Fuchshuber, MD
  Co-Chairs: Anne O. Lidor, MD and Daniel Bougere Jones, MD

Getting Your Video Accepted Panel:
  Chair: Jon C. Gould, MD
  Co-Chair: Sharon B. Ross, MD

Hepato-Pancreato-Biliary Panel:
  Chair: Horacio J. Asbun, MD
  Co-Chair: Sharon L. Stein, MD

MIS for Acute Care Surgeons Panel:
  Chair: Kosal A. Khwaja, MD
  Co-Chair: Garth R. Jacobsen, MD

MIS Jeopardy Panel:
  Chair: Frederick L. Greene, MD
  Co-Chair: Richard Larry Whelan, MD

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

Product Development – Innovations for Patients Benefits Panel:
  Chair: Raymond P. Onders, MD
  Co-Chair: David W. Ratner, MD

Reoperative Pelvic Surgery, Benign and Malignant Panel:
  Chair: Alessandro Fichera, MD
  Co-Chair: Sharon L. Stein, MD

SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America
  Chair: Alonso Alvarado, MD
  Co-Chair: Eduardo Moreno-Paquentin, MD

SAGES/EAES Panel: Benign Foregut – Opinions and Evidence in the Management of Benign Esophageal Disorders
  Chair: Marco G. Patti, MD
  Co-Chair: Eduardo Targarona, MD

Updates in Benign CRS Panel:
  Chair: Mark H. Whiteford, MD
  Co-Chair: Conor Delaney, MD, PhD

SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up With Our Japanese Colleagues?
  Chair: Manabu Yamamoto, MD, PhD
  Co-Chair: Lee L. Swanstrom, MD

SAGES/KSELS Panel: Gastric Cancer
  Chair: Ho-Seong Han, MD
  Co-Chair: Jose M. Martinez, MD

Why Haven’t Conversion Rates Improved? Panel:
  Chair: Ali Tavakkoli, MD
  Co-Chair: Elisabeth C. Mclemore, MD

Emerging Technology Session:
  Chair: Matthew M. Hutter, MD
  Co-Chairs: Dmitry Oleynikov, MD

Ethics of Innovation Symposium:
  Chair: Phillip P. Shadduck, MD
  Co-Chairs: Robert D. Fanelli, MD and Steven C. Stain, MD

NOSCAR™ Symposium – Advances in Natural Orifice Surgery
  Chair: Daniel J. Scott, MD
  Co-Chair: Michael L. Kochman, MD

Emerging Frontiers in Simulation-Based Surgical Education Panel:
  Chair: Jon C. Gould, MD
  Co-Chairs: Anne O. Lidor, MD and Daniel Bougere Jones, MD

The Great Presidential Debates of 2014:
  Chair: Jeffrey M. Marks, MD
  Co-Chair: Tonia M. Young-Fadok, MD, MS

Past Presidents

Gerald Marks, MD 1981 - 1983
Kenneth Forde, MD 1983 - 1984
Thomas L. Dent, MD 1984 - 1985
James A. Lind, MD 1985 - 1986
John A. Coller, MD 1986 - 1987
Theodore R. Schrock, MD 1987 - 1988
Talmodge A. Bowden, MD 1988 - 1989
Lee E. Smith, MD 1989 - 1990
Jeffrey Ponsky, MD 1990 - 1992
Frederick L. Greene, MD 1992 - 1993
George Berci, MD 1993 - 1994
Bruce V. MacFadyen, Jr., MD 1994 - 1995
Col. Richard M. Satava, MD 1995 - 1996
Greg Stiegmann, MD 1996 - 1997
Desmond Birkett, MD 1997 - 1998
John Hunter, MD 1998 - 1999
Jeffrey H. Peters, MD 1999 - 2000
Nathaniel J. Soper, MD 2000 - 2001
L. William Travasso, MD 2001 - 2002
Bruce D. Schirmer, MD 2002 - 2003
Lee Swanstrom, MD 2003 - 2004
David Ratner, MD 2004 - 2005
Daniel Dezel, MD 2005 - 2006
Steven Wexner, MD 2006 - 2007
Steve Eubanks, MD 2007 - 2008
Mark Talamini, MD 2008 - 2009
C. Daniel Smith, MD 2009 - 2010
Jo Buyske, MD 2010 - 2011
Steven Schwartzberg, MD 2011 - 2012
W. Scott Melvin, MD 2012 - 2013

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

SAGES/SSAT Optimizing Results of Fundoplication Panel:
  Chair: John Hunter, MD

FUSE, Fire and Fiasco – OR Safety 101 Panel:
  Chair: Pascal R. Fuchshuber, MD
  Co-Chairs: Anne O. Lidor, MD and Daniel Bougere Jones, MD

Getting Your Video Accepted Panel:
  Chair: Jon C. Gould, MD
  Co-Chair: Sharon B. Ross, MD

Hepato-Pancreato-Biliary Panel:
  Chair: Horacio J. Asbun, MD
  Co-Chair: Sharon L. Stein, MD

MIS for Acute Care Surgeons Panel:
  Chair: Kosal A. Khwaja, MD
  Co-Chair: Garth R. Jacobsen, MD

MIS Jeopardy Panel:
  Chair: Frederick L. Greene, MD
  Co-Chair: Richard Larry Whelan, MD

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

Product Development – Innovations for Patients Benefits Panel:
  Chair: Raymond P. Onders, MD
  Co-Chair: David W. Ratner, MD

Reoperative Pelvic Surgery, Benign and Malignant Panel:
  Chair: Alessandro Fichera, MD
  Co-Chair: Sharon L. Stein, MD

SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America
  Chair: Alonso Alvarado, MD
  Co-Chair: Eduardo Moreno-Paquentin, MD

SAGES/EAES Panel: Benign Foregut – Opinions and Evidence in the Management of Benign Esophageal Disorders
  Chair: Marco G. Patti, MD
  Co-Chair: Eduardo Targarona, MD

Updates in Benign CRS Panel:
  Chair: Mark H. Whiteford, MD
  Co-Chair: Conor Delaney, MD, PhD

SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up With Our Japanese Colleagues?
  Chair: Manabu Yamamoto, MD, PhD
  Co-Chair: Lee L. Swanstrom, MD

SAGES/KSELS Panel: Gastric Cancer
  Chair: Ho-Seong Han, MD
  Co-Chair: Jose M. Martinez, MD

Why Haven’t Conversion Rates Improved? Panel:
  Chair: Ali Tavakkoli, MD
  Co-Chair: Elisabeth C. Mclemore, MD

Emerging Technology Session:
  Chair: Matthew M. Hutter, MD
  Co-Chairs: Dmitry Oleynikov, MD

Ethics of Innovation Symposium:
  Chair: Phillip P. Shadduck, MD
  Co-Chairs: Robert D. Fanelli, MD and Steven C. Stain, MD

NOSCAR™ Symposium – Advances in Natural Orifice Surgery
  Chair: Daniel J. Scott, MD
  Co-Chair: Michael L. Kochman, MD

Emerging Frontiers in Simulation-Based Surgical Education Panel:
  Chair: Jon C. Gould, MD
  Co-Chairs: Anne O. Lidor, MD and Daniel Bougere Jones, MD

The Great Presidential Debates of 2014:
  Chair: Jeffrey M. Marks, MD
  Co-Chair: Tonia M. Young-Fadok, MD, MS

Past Presidents

Gerald Marks, MD 1981 - 1983
Kenneth Forde, MD 1983 - 1984
Thomas L. Dent, MD 1984 - 1985
James A. Lind, MD 1985 - 1986
John A. Coller, MD 1986 - 1987
Theodore R. Schrock, MD 1987 - 1988
Talmodge A. Bowden, MD 1988 - 1989
Lee E. Smith, MD 1989 - 1990
Jeffrey Ponsky, MD 1990 - 1992
Frederick L. Greene, MD 1992 - 1993
George Berci, MD 1993 - 1994
Bruce V. MacFadyen, Jr., MD 1994 - 1995
Col. Richard M. Satava, MD 1995 - 1996
Greg Stiegmann, MD 1996 - 1997
Desmond Birkett, MD 1997 - 1998
John Hunter, MD 1998 - 1999
Jeffrey H. Peters, MD 1999 - 2000
Nathaniel J. Soper, MD 2000 - 2001
L. William Travasso, MD 2001 - 2002
Bruce D. Schirmer, MD 2002 - 2003
Lee Swanstrom, MD 2003 - 2004
David Ratner, MD 2004 - 2005
Daniel Dezel, MD 2005 - 2006
Steven Wexner, MD 2006 - 2007
Steve Eubanks, MD 2007 - 2008
Mark Talamini, MD 2008 - 2009
C. Daniel Smith, MD 2009 - 2010
Jo Buyske, MD 2010 - 2011
Steven Schwartzberg, MD 2011 - 2012
W. Scott Melvin, MD 2012 - 2013

FES & FLS Testing

Wed. April 2 - Fri. April 4, 2014
For more details or to schedule your test:
Fundamentals of Endoscopic Surgery™
fes@sages.org
Fundamentals of Laparoscopic Surgery™
fls@sages.org
The FLS TRAINER™ SYSTEM
For Basic Laparoscopic Surgery

PRACTICE MAKES PERFECT!

Visit our online store to see the latest products and accessories
www.store.vtimedical.com

VTi Medical is a Joint-Venture Partner
of SAGES & ACS FLS Program
(Fundamentals of Laparoscopic Surgery™)
**Wednesday, April 2, 2014**

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM - 5:30 PM</td>
<td>Full-Day Postgraduate Course: SAGES/CAGS/ERAS Society – Enhanced Recovery After Surgery Pathways- How you can Optimize Perioperative Care, Improve Outcomes and Decrease Costs</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>7:30 AM - 11:45 AM</td>
<td>Half-Day Postgraduate Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>7:30 AM - 11:45 AM</td>
<td>Symposium: Career Development</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>9:30 AM - 11:45 AM</td>
<td>Panel: SAGES/SSAT – Optimizing Results of Fundoplication</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>12:00 PM - 1:30 PM</td>
<td>SAGES Foundation Awards Luncheon (not accredited for CME)</td>
<td>Room 250</td>
</tr>
<tr>
<td>1:30 PM - 5:30 PM</td>
<td>Half-Day Hand-On Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications</td>
<td>Room 155</td>
</tr>
<tr>
<td>1:30 PM - 3:30 PM</td>
<td>Panel: Getting Your Video Accepted</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>1:30 PM - 3:30 PM</td>
<td>Panel: Per Oral Endoscopic Myotomy (POEM)</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>1:30 PM - 3:30 PM</td>
<td>Panel: Reoperative Pelvic Surgery, Benign and Malignant – What is the Big Deal?</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>3:30 PM - 5:30 PM</td>
<td>Panel: FUSE, Fire and Fiasco – OR Safety 101</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>3:30 PM - 5:30 PM</td>
<td>Panel: Product Development – Innovations for Patients Benefits</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>3:30 PM - 5:30 PM</td>
<td>Panel: Updates in Benign CRS</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>Exhibits Opening Welcome Reception</td>
<td>Exhibit Hall A-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 2014 Meeting Corporate Supporters**

**Diamond Donors**
- Covidien

**Platinum Donors**
- Ethicon
- Ferring Pharmaceuticals, Inc.
- Karl Storz Endoscopy
- Olympus

**Silver Donors**
- Boston Scientific
- Gore & Associates
- Mederi Therapeutics

**Bronze Donors**
- Aesculap, Inc.
- EndoGastric Solutions
- Intuitive Surgical

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

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

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

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

**ACTIVITY OUTLINE**

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

*SAGES acknowledges educational grants in support of this course from Covidien, Edwards Lifesciences and Ethicon.*
### SAGES/CAGS/ERAS Society Enhanced Recovery Postgraduate Course:

**Wednesday, April 2, 2014**

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

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

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

---

**THE 2014 MEETING APP**

Enhanced Features Include:
- Personalized schedules
- Note Taking
- Tweet/Share favorite sessions
- Enhanced maps, listings & search capabilities
- Enhanced exhibitor listing & features

![App QR Codes](Android) ![App QR Codes](iOS)
SAGES/ASMBs Postgraduate Course:
Endoscopic Management of Bariatric Complications
Session Chair: Natan Zundel, MD; Session Co-Chair: Jeffrey W. Hazey, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Recognize and diagnose bariatric complications that may be safely treated endoscopically
- Identify which complications may be safely treated endoscopically
- Distinguish which endoscopic procedures would require referral to a practitioner with the endoscopic skills to safely and successfully treat the complication

ACTIVITY OUTLINE

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

Save the Date!
SAGES Scientific Session & Postgraduate Course
April 15 - 18, 2015, Gaylord Opryland Hotel, Nashville, TN

SAGES Scientific Session & Postgraduate Course
March 16 - 19, 2016, Boston, MA

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

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

SESSION DESCRIPTION

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

SESSION OBJECTIVES

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

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

ACTIVITY OUTLINE

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

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

LEARNING THEMES

- AE Academic/Educational
- PE Professional/Economic

The entire 2014 meeting has been designated for Self-Assessment CME Credit, applicable to Part 2 of the American Board of Surgery (ABS) Maintenance of Certification (MOC) Program. In order to claim Self-Assessment credit, attendees must participate in a post meeting quiz.
**SAGES/SSAT Panel: Optimizing Results of Fundoplication**

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

**SESSION DESCRIPTION**

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

**SESSION OBJECTIVES**

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

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

**ACTIVITY OUTLINE**

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

**LEARNING THEMES**

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

**SAGES Goes Green!**

In our continuing effort to support the environment, you will see less paper at the SAGES 2014 Annual Meeting. Electronic copies of all the abstracts and digital posters will be available on-line for all attendees and in the SAGES 2014 Meeting App. Go to sages2014.org for more information.
Wednesday, April 2, 2014

The 8th Annual SAGES Foundation Awards Luncheon

SAGES does not offer CME for this session

This annual ticketed event celebrates and honors distinguished leaders in minimally invasive surgery. Proceeds benefit the SAGES Foundation and its mission to advance endoscopic laparoscopic and emerging minimal access surgical methods and patient care. The 2014 Awards Luncheon features awards and research grants presented to outstanding surgeons and educators for their work in minimally invasive surgery and raises funds to keep patient safety and surgical innovation in the forefront.

Welcome and Introductions – Bruce Schirmer, MD

SAGES Foundation - Gerald Marks Rectal Cancer Award

Presented by: Bruce Schirmer, MD; SAGES Foundation President

Recipient: Elisabeth McLemore, MD

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

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

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

SAGES 2014 Top International Abstracts

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

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

Name: MHGM van der Pas, MD
Institution: Maastricht University Medical Center
Abstract Title: Factors leading to a higher conversion rate after Laparoscopic Rectal Cancer Surgery and its impact on Morbidity and Mortality
Country: The Netherlands

Name: Jun Yan, MD
Institution: Nanfang Hospital, Southern Medical University
Abstract Title: A Multi-Center study of Using Carbon Nanoparticles to track Lymph Node Metastasis in T1-2 Colorectal Cancer
Country: China

Name: Elie K Chouillard, MD, PhD
Institution: POISSY Saint Germain Medical Center
Abstract Title: Transperineal NOTES-Inspired Approach to the Total Mesorectal Excision (TME) in patients with Rectal Neoplasia a Preliminary Experience
Country: France

Name: Noan J Switzer, MD
Institution: University of Alberta
Abstract Title: Endoscopic Versus open Component Separation: Systematic Review and Meta-Analysis
Country: Canada

Name: Marta M Tasende Presdeo, MD
Institution: University of Barcelona
Abstract Title: Manos Proctocolectomy and Ileo Pouch Anal Anastomosis for Ulcerative Colitis
Country: Barcelona, Spain
SAGES IRCAD Fellowship Award
Presented by: David Rattner, MD, Awards Committee Chair

**Recipient: Eran Shlomovitz, MD**

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

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

SAGES gratefully acknowledges support from Karl Storz Endoscopy.

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

**Recipients:** Ross Goldberg, MD  
Jon Gould, MD

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

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

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

SAGES gratefully acknowledges support by SAGES Foundation for one Brandeis Scholarship.
SAGES 2014 Research Grant Awards

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

Recipient: Amin Madani, MD
Institution: McGill University
Title: Does Simulation Improve Learning of the Fundamental Use of Surgical Energy™ (FUSE) curriculum, A Randomized-Controlled Trial in Surgical Trainees
Supported by SAGES Education & Research Foundation

Recipient: Philip A. Omotosho, MD
Institution: Duke University Medical Center
Title: Intestinal Remodeling and Reprogramming of Glucose Metabolism Following Laparoscopic Roux-en-Y Gastric Bypass
Supported by SAGES Education & Research Foundation

Recipient: Rebecca Bradshaw Baucom, MD
Institution: Vanderbilt University School of Medicine
Title: Cholecodocholithiasis Management in America: Do Rural Surgeons Need Different Skills than Urban Surgeons?
Supported by SAGES Education & Research Foundation

Recipient: Eran Shlomovitz, MD
Institution: Providence Portland Medical Center, The Oregon Clinic
Title: The use of Nitrous Oxide for Endolumenal Evaluation of Endoscopic Closure following Luminal Full Thickness interventions in a Porcine Model
Supported by Karl Storz Endoscopy

Recipient: Per-Ola Park, MD
Institution: South Alvsborg Hospital
Title: Perforated Duodenal Ulcer - Surgery or Endoscopic Stent Treatment, A Randomized Multicenter Study
Supported by SAGES

Recipient: John Scott Roth, MD
Institution: University of Kentucky
Title: Effect of Matrix Metalloproteinase-2 Inhibitor Doxycycline on Incisional Hernia Recurrence Rates in an ADM or Polypropylene Mesh Implanted Rat Incision Hernia Model
Supported by SAGES

Recipient: Eric Mark Pauli, MD
Institution: The Pennsylvania State University, College of Medicine
Title: Laparoscopic and Open Transversus Abdominis Release Offer Similar Reductions in Midline Fascial Closure Force
Supported by SAGES

Fundamentals of Endoscopic Surgery™ Research Grants:

Supported by SAGES Foundation

Recipient: Maria Affleck Cassera, BS
Institution: The Oregon Clinic
Title: Validation of the SAGES STEP Program as Preparation of Competency Certification for Surgical Trainees in Flexible Endoscopy

Recipient: Jeffrey W. Hazey, MD, FACS
Institution: The Ohio State University Wexner Medical Center
Title: Virtual Reality Simulation in Flexible Endoscopy: Implications for Resident Training

Patient Centered Outcomes Grant:

Recipient: Conor P. Delaney, MD, PhD
Institution: Case Med Center/University Hospital of Cleveland
Title: Building a Better Metric for Surgical Quality: The HARM Score
Supported by Covidien

Career Development Award

Recipient: Dana A. Telem, MD
Institution: Stony Brook University Medical Center
Title: Masters of Public Health Degree to Support Research Initiatives Towards Improved Health Care Quality and Patient Outcomes in Bariatric and Gastrointestinal Surgery

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

COST-EFFICIENCY WITHOUT COMPROMISE

Microline Surgical’s reposable systems provide an environmentally friendly and cost-efficient alternative to disposable instruments. The MiSeal® Thermal Ligating System and the ReNew Universal Handpiece, are 5mm laparoscopic instruments consisting of reusable handpieces and disposable tips. Because they’re reposable, MiSeal and ReNew are designed to cost less than fully disposable devices and save on inventory space. And they’re eco-friendly, reducing biohazardous disposable costs. MiSeal is the first and only reposable device that simultaneously fuses and divides soft tissue using direct thermal energy.

ReNew

Over 30 tip options available.

Graspers  Scissors  Super-Atrau Graspers  Dissectors
SAGES Researcher in Training Award

Recipient: Ezra Teitelbaum, MD

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

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

SAGES Young Researcher Award

Recipient: Michael Awad, MD

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

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

SAGES gratefully acknowledges support from Olympus.
**SAGES Foundation - Margrét Oddsdóttir Award**

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

The Oddsdóttir Traveling Fellowship honors an international leader in laparoscopic surgery and a beloved member of the SAGES family. Margrét Oddsdóttir was born and grew up in a fishing village on the northwest coast of Iceland. She completed fellowship in laparoscopic surgery at Emory University with John Hunter, was the first advanced laparoscopic surgeon in Iceland and was instrumental in developing the field of minimally invasive surgery in the Nordic countries.

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

---

**SAGES Foundation - Excellence in Medical Leadership Award**

Recipient: Dmitry Oleynikov, MD

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

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

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

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

---

**SAGES Foundation – Jeffrey L. Ponsky Master Educator in Endoscopy Award**

Recipient: Gary Vitale, MD

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

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

Dr. Oelschlager is a Professor of Surgery at the University of Washington, Seattle. He is the Byers Endowed Professor in Esophageal Research; Chief, Gastrointestinal Surgery Section; Director of the Center for Esophageal & Gastric Surgery and Director of the Center for Videoendoscopic Surgery. Dr. Oelschlager is an expert in esophageal diseases and surgical treatments, with an international reputation for his contributions to the research and treatment for GERD, paraesophageal hernia and other esophageal diseases.

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

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

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

Recipient: Geoffrey Kohn, MD

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

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

Recipient: David Utley, MD

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

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

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

Recipient: Steven Wexner, MD

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

Dr. Wexner was President of SAGES 2006-2007, President of the American Society of Colon and Rectal Surgeons 2011-2012, President of the American Board of Colon and Rectal Surgery 2010-2012, and is a Regent of the American College of Surgeons. He has been a major advocate for surgical endoscopy and has greatly advanced the application of MIS techniques in colorectal surgery. He is an outstanding clinician, a master educator and a clinician scientist. As president of SAGES he led an excellent strategic planning retreat in Florida that has directed SAGES and our committee work by focusing on our organizational objectives. His leadership in negotiating with Springer has brought exceptional financial benefit to SAGES. Dr. Wexner has been a leading figure in GI surgery and a wonderful ambassador for SAGES around the world.

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

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

**SAGES George Berci Lifetime Achievement Award**

Recipient: Tehemton Udwadia, MD

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

Dr. Udwadia retired as Emeritus Professor of Surgery Grant Medical College & J.J. Hospital in Mumbai, India in 1994. He first started Laparoscopy in India in 1972 and MAS in the Developing World in 1990. Convinced that the benefits of MAS reach all people in all places has conducted training workshops all over India and other developing countries like Nepal, Bangladesh, Myanmar, China, Mexico, Brazil and Nigeria. He transitioned to therapeutic laparoscopy with laparoscopic cholecystectomy in 1992 and was the pioneer in this procedure in India. His ability to share his expertise is worth noting, he thought all the “teachers” in India this technique. Dr. Udwadia is the co-founder and first president of the Indian Association of Gastrointestinal Endo-Surgeons (IAGES). He was a former president of IFSES, continuing his role as mentor and teacher to surgeons around the world, but especially for third world countries.

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

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify when advanced endoscopic techniques could be used to help diagnose or treat a bariatric complication (Endolumenal suturing, stenting, balloon dilatation, endoscopic clipping, confocal microscopy)

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Lab Overview and Endoscopic Instruments, Part 1</td>
<td>Dean Mikami, MD</td>
</tr>
<tr>
<td>1:40PM</td>
<td>Overview of Endoscopic Instruments, Part 2</td>
<td>Eric Pauli, MD</td>
</tr>
</tbody>
</table>

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

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

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

LEARNING THEMES

- B Bariatrics
- FE Flex Endo
Getting Your Video Accepted Panel  
**Session Chair: Jon C. Gould, MD; Session Co-Chair: Sharona B. Ross, MD**

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

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Differentiate between good and bad surgical videos
- Produce concise, high quality educational videos of laparoscopic and robotic procedures
- Describe the surgical video review process
- Create surgical videos that reviewers will rate highly and select for presentation at national meetings
- Discuss the legal requirements of recording procedures and possible HIPAA violations associated with sharing these videos

**ACTIVITY OUTLINE**

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

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

---

**FES & FLS Testing**

*Wednesday, April 2 - Friday, April 4, 2014*

*For more details or to schedule your test:*

- Fundamentals of Endoscopic Surgery™ – fes@sages.org
- Fundamentals of Laparoscopic Surgery™ – fls@sages.org
Per Oral Endoscopic Myotomy (POEM) Panel
Session Chair: Kevin M. Reavis, MD; Session Co-Chair: Haruhiro Inoue, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Distinguish the appropriate setting for POEM compared with traditional treatments for Achalasia and related esophagogastric diseases
• Formulate the potential roles for per oral treatments of neoplastic, distal motility based illnesses as well as intraabdominal processes
• Recognize safety concerns associated with per oral submucosal approaches to esophagogastric diseases including spatial relationship and potential injury to neighboring viscera

ACTIVITY OUTLINE

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

LEARNING THEMES
- FE Flex Endo
- FOR Foregut
- NS New technologies/Skill acquisition
Reoperative Pelvic Surgery, Benign and Malignant Panel – What is the Big Deal?

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Create a preoperative plan for re-operative pelvic surgery
• Appropriately employ the assistance of multidisciplinary team for re-operative pelvic surgery
• Diagram alternative planes for dissection in the pelvis
• Predict risks for re-operative complications, injuries and demonstrate ability to treat complications
• Identify issues in re-operative congenital surgery

ACTIVITY OUTLINE

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

LEARNING THEME
C Colorectal

3:30 PM - 5:30 PM

*Included in Registration SuperPass (Option A) or Registration Option B
Wednesday, April 2, 2014

FUSE, Fire and Fiasco – OR Safety 101

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Implement strategies to reduce risk to patients and operators in the OR
• Improve communication within the operating room team
• Improve the performance of the operating room team
• Apply techniques to avoid injuries and fires caused by improper use of surgical energy devices

ACTIVITY OUTLINE

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

LEARNING THEMES

| AE   | Academic/Educational       |
| NS   | New technologies/Skill acquisition      |
| PE   | Professional/Economic     |
Product Development Panel – Innovations for Patients Benefits

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Understand what constitutes intellectual property and how to protect it
• Learn the role of the FDA in evaluating new devices, from 510k to first in human IDE exemptions
• Develop a knowledge how to use animal facilities in product development to improve patient safety
• Understand the role of CMS in funding product development

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:30PM</td>
<td>Introduction</td>
<td>Raymond Onders MD</td>
</tr>
<tr>
<td>3:40PM</td>
<td>Developing a Climate of Innovation: Guiding Junior Faculty and Focusing Their Research</td>
<td>David Rattner, MD</td>
</tr>
<tr>
<td>3:55PM</td>
<td>You Have a Thought for a Device: How to Protect It and When Do You Need an IP Lawyer and How to Work with Your Employer Either Hospital or University</td>
<td>Lee Swansonstrom, MD</td>
</tr>
<tr>
<td>4:10PM</td>
<td>Working with the FDA: IDE Regulations Including New Draft Guidance in First in Human Studies</td>
<td>Herbert Lerner, MD</td>
</tr>
<tr>
<td>4:40PM</td>
<td>Funding for Your Device Trial: Corporate, Government or Personal?</td>
<td>Dmitry Oleynikov, MD</td>
</tr>
<tr>
<td>4:55PM</td>
<td>Understanding the Role of CMS in Funding IDE Product Trials: The Timeline of Regulatory Studies – IRB, FDA and Now the CMS?</td>
<td>Paresh Shah, MD</td>
</tr>
<tr>
<td>5:10PM</td>
<td>Panel Discussion &amp; Questions</td>
<td></td>
</tr>
</tbody>
</table>

LEARNING THEMES
AE  Academic/Educational
NS  New technologies/Skill acquisition
PE  Professional/Economic
 Updates in Benign CRS Panel  
Session Chair: Mark H. Whiteford, MD; Session Co-Chair: Conor Delaney, MD, PhD  

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

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

**ACTIVITY OUTLINE**

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

**LEARNING THEMES**

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

5:30 PM - 7:30 PM

**Welcome Reception in Exhibit Hall**

*Free to All Paid Registrants and Guests!*
THE FUTURE OF TRANSCANAL SURGERY: TAMIS AND BEYOND

Clinical Symposium & Hands-On Workshop

Moderator:
Patricia Sylla, MD, FACS, FASCRS

Speakers:
Matthew Albert, MD, FACS, FASCRS
Antonio Lacy, MD, PhD
John H. Marks, MD, FACS, FASCRS

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

April 3rd, 5:30 – 7:30pm  Ballroom I

Sponsored by: Applied Medical

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

Scan the QR code or visit us at www.gelpointpath.com/TAMIS to learn more or register for a TAMIS workshop.
**Thursday, April 3, 2014**

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

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

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“The Future of Transanal Surgery: TAMIS and Beyond” Presented by Applied Medical</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“From Permanent to Biologics to the Resorbable PHASIX Mesh: Right Procedure, Right Product, Right Outcome” Presented by Davol Inc., a BARD Company</td>
<td>Room 150 D-F</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“da Vinci Surgery Symposium” Presented by Intuitive Surgical</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>5:30 PM - 7:30 PM</td>
<td>“Advanced Imaging and Energy Technologies in Laparoscopy” Presented by Olympus America, Inc.</td>
<td>Ballroom E-H</td>
</tr>
</tbody>
</table>
Thursday, April 3, 2014

SAGES 2014 Webcast Live from Salt Lake City!
To view the webcast, please visit us at sages.orlive.com

Thursday, April 3, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM - 11:15AM</td>
<td>Hepato-Pancreato-Biliary Panel</td>
<td>Chair: Horacio J. Asbun, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-Chair: Rohan Jeyarajah, MD</td>
</tr>
<tr>
<td>11:15AM - 12:00PM</td>
<td>Karl Storz Lecture – “From Checklists to Culture What Spacewalking Brings to Surgery”</td>
<td>Dafydd (Dave) Rhys Williams, MD</td>
</tr>
<tr>
<td>1:00PM - 3:00PM</td>
<td>SAGES/KSELS Panel: Gastric Cancer</td>
<td>Chair: Ho-Seong Han, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-Chair: Jose M. Martinez, MD</td>
</tr>
<tr>
<td>3:30PM - 5:00PM</td>
<td>Current Management of Rectal Cancer Panel</td>
<td>Chair: David Etzioni, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-Chair: George J. Chang, MD</td>
</tr>
</tbody>
</table>

Friday, April 4, 2014

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM - 8:30AM</td>
<td>SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up with our Japanese colleagues?</td>
<td>Chair: Manabu Yamamoto, MD, PhD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-Chair: Lee L. Swanstrom, MD</td>
</tr>
<tr>
<td>8:30AM - 10:00AM</td>
<td>Plenary Session 1</td>
<td>L. Michael Brunt, MD/Mario Marino, MD</td>
</tr>
<tr>
<td>10:00AM - 10:45AM</td>
<td>Presidential Address – “Connecting in the Digital Age”</td>
<td>Gerald Fried, MD</td>
</tr>
<tr>
<td>10:45AM - 11:30AM</td>
<td>Gerald Marks Lecture – “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety &amp; Quality Care”</td>
<td>Amitai Ziv, MD</td>
</tr>
<tr>
<td>11:30AM - 12:30PM</td>
<td>Scientific Session – Metabolic/Obesity 1</td>
<td>Leena Khaitan, MD/Raul Rosenthal, MD</td>
</tr>
<tr>
<td>1:30PM - 3:15PM</td>
<td>SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America</td>
<td>Chair: Alonso Alvarado, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-Chair: Eduardo Moreno-Paquentin, MD</td>
</tr>
<tr>
<td>3:45PM - 5:30PM</td>
<td>SAGES/EAES Panel: Benign Foregut- Opinions and Evidence in the Management of Benign Esophageal Disorders</td>
<td>Chair: Marco G. Patti, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Co-Chair: Eduardo Targarona, MD</td>
</tr>
</tbody>
</table>

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

**SAGES Research & Education Foundation**

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

**CareFusion**
**Ethicon Endo-Surgery**
**Karl Storz Endoscopy**
**Stryker Endoscopy**
**Swanson Family Foundation**

---

**THE 2014 MEETING APP**

Enhanced Features Include:

- Personalized schedules
- Note Taking
- Tweet/Share favorite sessions
- Enhanced maps, listings & search capabilities
- Enhanced exhibitor listing & features

<table>
<thead>
<tr>
<th>Android</th>
<th>IOS</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Android" /></td>
<td><img src="image" alt="iOS" /></td>
</tr>
</tbody>
</table>
Thursday, April 3, 2014

Military Surgical Symposium

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

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

SESSION DESCRIPTION

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

SESSION OBJECTIVES

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

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

SESSION OUTLINE

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

LEARNING THEMES

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

BASIC SCIENCE PRESENTATIONS:

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

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

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

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

0835 ACUTE MINERALOCORTICOID DEFICIENCY IN A SWINE MODEL OF TRAUMATIC HEMORRHAGE WITH SHOCK. Daniel Nelson, DO; Christopher Porta, MD; Derek McVay, DO; Matthew Martin, MD, Madigan Army Medical Center
0850  GLUCOSE VARIABILITY AFTER SUBCUTANEOUS LISPRO AND REGULAR INSULIN FOR STRESS HYPERGLYCEMIA.  
COL Richard J. Strikla, Lt Col Scott B. Armen; Matthew Indeck, Department of Trauma and Acute Care Surgery, Pennsylvania State Hershey Medical Center, Hershey, PA

0905  ROLE OF MICRONRNAS AND NEUROINFLAMMATION IN THE PATHOBIOLOGY OF GULF WAR ILLNESS.  
CPT Margaret E. Clark, MD; Wendy E. Kurata; Karen W. Lee; Lisa M. Pierce, DSc, Tripler Army Medical Center

0920  A COMPARISON OF THE EFFECTS OF BACTERIAL COLONIZATION ON BIOLOGIC AND SYNTHETIC MESH MATERIALS IN A RAT MODEL.  
CPT Will C. Cole, MD; CPT Eric M. Balent, MD; CPT Pamela C. Masella, DO; Lauren N. Kajiura, MS; Karen W. Matsumoto, BS; Lisa M. Pierce, DSc, Tripler Army Medical Center

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

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

GENERAL SURGERY PRESENTATIONS:

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

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

1320  THE CLINICAL VALUE OF THE 21-GENE RECURRENCE SCORE (RS) ASSAY FOR HIGH GRADE TUMORS IS QUESTIONABLE.  
LT Michele M. Gage, MD, General Surgery, Walter Reed National Military Medical Center (WRNMMC); Martin Rosman, MD, The Breast Center at Anne Arundel Medical Center (AAMC); Charles Mylander, PhD, The Breast Center at AAMC; Kristin Sawyer, The Breast Center at AAMC; Erica Giblin MD, The Breast Center at AAMC; Lorraine Tafra, MD, The Breast Center at AAMC

1330  REPEAT THYROID FINE-NEEDLE ASPIRATION IN NODULES PREVIOUSLY FOUND TO HAVE A BENIGN CYTOLOGY: SELECTION IS KEY.  
LT Michele M Gage, MD, General Surgery, Walter Reed National Military Medical Center (WRNMMC); CDR Brenda J Schmidt, General Surgery, Naval Medical Center San Diego; CPT Will C. Cole, MD; CPT Eric M. Balent, MD; Lauren N. Kajiura, MS; Karen W. Matsumoto, BS; Lisa M. Pierce, DSc, Tripler Army Medical Center

1345  REPEAT THYROID FINE-NEEDLE ASPIRATION IN NODULES PREVIOUSLY FOUND TO HAVE A BENIGN CYTOLOGY: SELECTION IS KEY.  
LT Michele M Gage, MD, General Surgery, Walter Reed National Military Medical Center (WRNMMC); CPT Will C. Cole, MD; CPT Eric M. Balent, MD; Lauren N. Kajiura, MS; Karen W. Matsumoto, BS; Lisa M. Pierce, DSc, Tripler Army Medical Center

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

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

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

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

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

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

1600  INTEGRATION OF SURGICAL RESIDENCY TRAINING INTO U.S. NAVY HUMANITARIAN MISSIONS.  
LCDR Matthew D. Tedlock; LCDR Shane Jensen; CAPT Trent Douglas; CDR Matt Provencer; CAPT Romeo Ignacio MD. Naval Medical Center San Diego (NMCSD)
**Postgraduate Course: Common Bile Duct (CBD) Stones**

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

**SESSION DESCRIPTION**

Despite the fact that cholecystectomy is the most common intra-abdominal procedure performed by general surgeons, many do not feel comfortable managing patients with CBD Stones and have relegated their care to gastroenterologists. This program will teach surgeons how to provide comprehensive, cost efficient care to patients with suspected CBD Stones. It is the companion program to the CBD Stones hands-on training course and is meant for general and hepatobiliary surgeons as well as their operative teams.

**SESSION OBJECTIVES**

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

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

**ACTIVITY OUTLINE**

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

**LEARNING THEMES**

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

**What’s New in the Exhibit Hall?**

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

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

- **SPOTLIGHT ON HERNIA** Area – with learning center station, posters and industry products related to hernia repairs all in one spot.
- Happy (Half) Hour – join exhibitors for a beer and a snack during before heading back to the sessions! Or, grab a cup of coffee and visit the exhibits during the morning break.
- Exhibit Hall Oasis/Charging Station – stop in for a break while charging phones, computers and tablets.
- Brunch Break – on Thursday at 9:30am
Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success
Session Chair: Kristi Lee Harold, MD; Session Co-Chair: Yuri Novitsky, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Discuss the various composite meshes available
• Identify benefits and limitations of laparoscopic ventral hernia repairs
• Evaluate the value/advantages of modern modifications and adjuncts to traditional laparoscopic techniques
• Understand nuances of the laparoscopic approaches to challenges of atypical hernias

ACTIVITY OUTLINE

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

* SPOTLIGHT ON HERNIA * Activity

SAGES acknowledges an educational grant in support of this course from Cooper Surgical.
Thursday, April 3, 2014

Hepato-Pancreato-Biliary Panel
Session Chair: Horacio J. Asbun, MD; Session Co-Chair: Rohan Jeyarajah, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify how to safely perform difficult steps of the liver procedures presented
• Assess different approaches to the same critical steps of these surgeries as presented by three different experts in the field
• Better understand the feasibility and learning curve of MIS HPB procedures
• Understand the variation is techniques that are available for MIS liver surgery

ACTIVITY OUTLINE

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

LEARNING THEMES
HPB HPB/Solid organ
**NOSCAR™ Symposium – Advances in Natural Orifice Surgery**  
**Session Chair:** Daniel J. Scott, MD; **Session Co-Chair:** Michael L. Kochman, MD  
**SESSION DESCRIPTION**  
The Natural Orifice Surgery Consortium for Assessment and Research (NOSCAR™) was established by SAGES and ASGE in 2005 to bring together innovators interested in developing natural orifice procedures. The field has continued to evolve, both in terms of NOTES procedures as well as advanced flexible endoscopy tools and techniques. This session highlights many of these cutting edge areas and will be of interest to surgeons, endoscopists, and those interested in innovation regarding natural orifice surgery.

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

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

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30AM</td>
<td>Intro</td>
<td>Daniel Scott, MD</td>
</tr>
<tr>
<td>7:35AM</td>
<td>Transvaginal Cholecystectomy in the U.S. and the World</td>
<td>Kurt Roberts, MD</td>
</tr>
<tr>
<td>7:45AM</td>
<td>POEM – What do the data say?</td>
<td>Stavros Stavropoulos, MD</td>
</tr>
<tr>
<td>7:55AM</td>
<td>POEM – How the Expert Approaches the Extremes: young, old, and difficult cases</td>
<td>Haruhiro Inoue, MD</td>
</tr>
<tr>
<td>8:05AM</td>
<td>Panel Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**TRANSORAL AND TRANSANAL SURGERY**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:15AM</td>
<td>Intro</td>
<td>Michael Kochman, MD</td>
</tr>
<tr>
<td>8:20AM</td>
<td>Transoral Cancer Surgery</td>
<td>Michael Hinni, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Transoral GERD Surgery</td>
<td>Toshitaka Hoppo, MD, PhD</td>
</tr>
<tr>
<td>8:40AM</td>
<td>Transoral Obesity Surgery</td>
<td>Christopher Thompson, MD</td>
</tr>
<tr>
<td>8:50AM</td>
<td>Transanal Proctectomy</td>
<td>Patricia Sylla, MD</td>
</tr>
<tr>
<td>9:05AM</td>
<td>Transanal Colectomy</td>
<td>Antonio Lacy, MD</td>
</tr>
<tr>
<td>9:10AM</td>
<td>Panel Discussion</td>
<td></td>
</tr>
<tr>
<td>9:30AM</td>
<td>Break – Exhibit Hall, Posters, Learning Center</td>
<td></td>
</tr>
</tbody>
</table>

**FLEXIBLE RESECTIONS**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00AM</td>
<td>Intro</td>
<td>Daniel Scott, MD, Michael Kochman, MD</td>
</tr>
<tr>
<td>10:05AM</td>
<td>Transoral &amp; Trans Anal Endoscopic Resections: Partial Thickness (EMR &amp; ESD)</td>
<td>Robert Hawes, MD</td>
</tr>
<tr>
<td>10:20AM</td>
<td>Transoral &amp; Trans Anal Endoscopic Resections: Full Thickness (EFTR)</td>
<td>Sergey Kantsevoy, MD</td>
</tr>
<tr>
<td>10:35AM</td>
<td>Endoscopic Robotics</td>
<td>Vic Velanovich, MD</td>
</tr>
<tr>
<td>10:50AM</td>
<td>Panel Discussion</td>
<td></td>
</tr>
</tbody>
</table>

**LEARNING THEMES**

- **B** Bariatrics
- **C** Colorectal
- **FE** Flex Endo
- **FOR** Foregut
- **HR** Hernia
- **NS** New technologies/Skill acquisition
- **HPB** HPB/Solid organ
Thursday, April 3, 2014

9:30 AM - 4:00 PM
Exhibits, Poster Session, and Learning Center Open

9:30 AM - 10:00 AM
Break – Exhibit Hall, Posters, Learning Center

11:15 AM - 12:00 PM
*Included in Registration SuperPass (Option A) or Registration Option B

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

Dafydd (Dave) Rhys Williams, MD

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

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

LEARNING THEME
PE Professional/Economic

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

THE 2014 MEETING APP

Enhanced Features include:
» Personalized schedules
» Note Taking
» Tweet/Share favorite sessions
» Enhanced maps, listings & search capabilities
» Enhanced exhibitor listing & features

Android | iOS
Thursday, April 3, 2014

**Educator’s Luncheon “Optimizing Simulation and Technology in Graduate Surgical Education: State of the Art 2014”**

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

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

**SESSION OUTLINE**

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

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

**LEARNING THEMES**

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

---

**FES & FLS Testing**

*Wednesday, April 2 - Friday, April 4, 2014*

For more details or to schedule your test:
- Fundamentals of Endoscopic Surgery™ – fes@sages.org
- Fundamentals of Laparoscopic Surgery™ – fls@sages.org
Innovative Visualization Options for Surgical Interventions and Diagnosis in Endoscopy
Thursday, April 3, 2014

**Concurrent Session SS1 MIS/Solid Organ**

Moderators: Steve Eubanks, MD & Imran Hassan, MD

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

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

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

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

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

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

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

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

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

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

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

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

**V004 LAPAROSCOPIC MEDIAR ARMATURE LIGAMENT RELEASE** Tatiana Hoyos, MD, John Stauffer, MD, Albert Hakaim, MD, Horacio Asburn, MD; Mayo Clinic, Florida

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

**V006 ROBOT-ASSISTED MINIMALLY INVASIVE PARTIAL RESECTION OF THE SPLEEN FOR NONPARASITIC SPLENIC CYST** Graziano Pernazza, MD, Annibale D’Annibale, MD; San Giovanni-Addolorata Hospital, Rome
Thursday, April 3, 2014

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

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify strategies for complication avoidance and management during laparoscopic ventral hernia repair
• Apply techniques for abdominal wall closure to minimize ventral incisional hernia
• Incorporate myofascial release during open incisional hernia repair for abdominal wall reconstruction
• Demonstrate minimally invasive and open techniques to repair ventral incisional hernias limited by anatomical boundaries (pelvis/chest wall) for soft tissue fixation

ACTIVITY OUTLINE

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

* SPOTLIGHT ON HERNIA * Activity

LEARNING THEMES
- HR Hernia
- NS New technologies/Skill acquisition

SAGES acknowledges educational grants in support of this course from Covidien and Gore & Associates.
Please join us for a dinner program sponsored by Davol Inc., a BARD Company, at SAGES in Salt Lake City, Utah

From Permanent to Biologics to Resorbable Meshes
Right Procedure. Right Product. Right Outcome.

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

Thursday, April 3, 2014
5:30 pm – 7:30 pm
Salt Palace Convention Center
Room 150 D-F

Seating is limited so please contact your local Bard Davol representative or email jennifer.sears@crbard.com to register.

Visit us at Booth 705 for more information on our complete line of Soft Tissue Repair products.

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.
Bard and Davol are trademarks and/or registered trademarks of C. R. Bard, Inc.
© Copyright 2014, C. R. Bard, Inc. All Rights Reserved.
Hands-On Course: CBD Stones
Session Chair: Eric Steven Hungness, MD; Session Co-Chair: Mark J. Watson, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Improve interpretation of intraoperative cholangiography
• Identify the equipment necessary to perform Laparoscopic Common Bile Duct Exploration (LCBDE)
• Describe the indications for LCBDE
• Determine when to perform a transcystic versus transcholedochal approach
• Demonstrate the steps of transcystic and transcholedochal LCBDE
• Recognize when and how to place Fanelli stents
• Demonstrate the steps of open common bile duct exploration

ACTIVITY OUTLINE

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

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

LEARNING THEMES
- NS New technologies/Skill acquisition
- HPB HPB/Solid organ
Thursday, April 3, 2014

Didactic & Hands-On Course: Flexible Endoscopy – Train the Trainers
Session Chair: Thadeus L. Trus, MD; Session Co-Chair: E. Matthew Ritter, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Reinforce their knowledge of the basic fundamental steps of flexible endoscopy
- Teach the basic steps to residents using a variety of methods
- Review the changing requirements for endoscopy training
- Develop strategies for implementing the new requirements into their training program
- Gain exposure to a variety of hands-on models of various sophistication to use as training tools

ACTIVITY OUTLINE

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

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

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

LEARNING THEMES
- FE Flex Endo
- AE Academic/Educational
Thursday, April 3, 2014

Ethics of Innovation Symposium

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

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

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

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

ACTIVITY OUTLINE

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

LEARNING THEMES
NS  New technologies/Skill acquisition
FE  Professional/Economic

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/KSELS Panel: Gastric Cancer

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Describe the potential advantages of laparoscopic gastrectomy in terms of patients recovery
- Discuss the outcomes of a comparative study between laparoscopy and open surgery for the patients with gastric cancer
- Outline the benefits and challenges of collaborating on an outcomes study between two countries

SESSION OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00PM</td>
<td>Laparoscopic Gastrectomy for Early Gastric Cancer. KLAST* Group, Multi-institutional Study 1</td>
<td></td>
</tr>
<tr>
<td>1:20PM</td>
<td>Laparoscopic Gastrectomy for Advanced Gastric Cancer. KLAST* Group, Multi-institutional Study 2</td>
<td></td>
</tr>
<tr>
<td>1:40PM</td>
<td>Endolumenal and Laparoscopic Management of Gastric Neoplasms</td>
<td></td>
</tr>
<tr>
<td>2:00PM</td>
<td>Role of Screening, Surveillance and Adjuvant Therapies of Gastric Neoplasms</td>
<td></td>
</tr>
<tr>
<td>2:20PM</td>
<td>Screening on Gastric Cancer in Korea</td>
<td></td>
</tr>
<tr>
<td>2:35PM</td>
<td>Endoscopic Approaches to Early Gastric Neoplasm</td>
<td></td>
</tr>
<tr>
<td>2:50PM</td>
<td>Q&amp;A</td>
<td></td>
</tr>
</tbody>
</table>

*KLASS = Korean Laparoscopic Gastrointestinal Surgery Study

LEARNING THEMES
For Foregut

Enhanced Features Include:
- Personalized schedules
- Note Taking
- Tweet/Share favorite sessions
- Enhanced maps, listings & search capabilities
- Enhanced exhibitor listing & features
Thursday, April 3, 2014

SAGES 2014 Scientific Session & Postgraduate Courses

3:00PM - 3:30PM

Happy (Half) Hour Break in Exhibit Hall

EXHIBIT HALL A-C

3:30PM - 5:00PM

Concurrent Session SS2 Video 1

Moderators: Bruce Schirmer, MD & Melissa Phillips, MD

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

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

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

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

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

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

3:30 PM - 5:00PM

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

EXHIBIT HALL D

Current Management of Rectal Cancer Panel

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Discuss the advantages and disadvantages of extended pelvic lymphadenectomy
• Describe the advantages and disadvantages of three options for transanal approaches to rectal cancer
• Discuss national trends in the use of minimally invasive/robotic techniques for rectal cancer surgery

ACTIVITY OUTLINE

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

LEARNING THEMES

C Colorectal
PE Professional/Economic

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.
Thursday, April 3, 2014

5:30PM - 7:30PM

Industry Education Events

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

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

“The Future of Transanal Surgery: TAMIS and Beyond”

Clinical Symposium and Hands-on Workshop

Presented by Applied Medical

Speakers: Matthew Albert, MD, FACS, FASCRS
Antonio Lacy, MD, PhD
John H. Marks, MD, FACS, FASCRS

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

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

“From Permanent to Biologics to the Resorbable PHASIX Mesh: Right Procedure, Right Product, Right Outcome”

Presented by Davol Inc., a BARD Company

Presenter: David Iannitti, MD

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

“da Vinci Surgery Symposium”

Discover What’s Next in da Vinci Surgery

Presented by Intuitive Surgical

Presenters: Anthony Gonzalez, MD, FASMBS
Jorge Lagares-Garcia MD, FASCRS

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

Advanced Imaging and Energy Technologies in Laparoscopy

Presented by Olympus America, Inc.

Presenters: Todd Wilson MD, Assistant Professor, Division of Elective General Surgery, University of Texas Medical School at Houston
Eric Haas MD, Program Director, Minimally Invasive Colon and Rectal Surgery Fellowship, University of Texas Medical School at Houston

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

NEW intuitive AEM technology eliminates the risk of burns in laparoscopic surgery... We guarantee it.

AEM EndoShield
Burn Protection System

AEM e-Edge Scissors

Shown Actual Size

www.encision.com

The AEM EndoShield is currently undergoing premarket review by the FDA
Barbara Marks Commemorative Breakfast

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

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

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

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

**SESSION DESCRIPTION**

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

**SESSION OBJECTIVES**

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

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

**SESSION OUTLINE**

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

**LEARNING THEMES**

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

**TRAUMA/CRITICAL CARE PRESENTATIONS:**

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

**0745** CHANGING PATTERNS OF IN-HOSPITAL DEATHS FOLLOWING IMPLEMENTATION OF DAMAGE CONTROL RESUSCITATION PRACTICES IN FORWARD COMBAT FACILITIES. **CPT Nicholas R Langan, MD**; MAJ Matthew J Eckert, MD; COL Matthew J Martin, MD. Department of Surgery, Madigan Army Medical Center, Joint Base Lewis-McChord
0800  ADMINISTRATION OF FTY720 DURING Tourniquet-Induced Hind Limb Ischemia-Reperfusion Injury Attenuates Morbidity and Mortality. CPT Jonathan J. Sexton, MD; Anthony D. Foster, PhD Kyle A. Brunette, BS; CPT Vincente S. Nelson, MD; CAPT Eric A. Elster, MD; Thomas A. Davis, PhD. Department of Regenerative Medicine, Naval Medical Research Facility, Silver Spring, Maryland; Department of Surgery, Walter Reed National Military Medical Center, Bethesda, Maryland; Department of Surgery, Uniformed Services University of the Health Sciences, Bethesda, Maryland

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

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

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

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

0915  QUANTITATIVE IN VITRO MODEL FOR THE STUDY OF BACTERIAL ATTACHMENT ON VASCULAR CONDUITS SATISFACTION: A PROSPECTIVE STUDY. CPT Robert R Shawhan, MD; CPT Katherine Zamparini, MD; CPT Derek, McVay, MD; MAJ Ryan Lehmann, MD; MAJ Wayne Causey, MD; Linda Casey, RN; LTCOL Scott Steele, MD; COL Matthew Martin, MD. Department of General Surgery, Madigan Army Medical Center

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

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

SURGICAL SUBSPECIALTIES PRESENTATIONS:

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

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

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

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

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

1445  SURVIVABILITY OF SURGICAL REPAIR & RECURRANCE OF SHOULDER INSTABILITY IN A YOUNG, ACTIVE POPULATION. CPT Adam Pickett, MD; Walter Reed National Military Medical Center, Bethesda, MD; LT James H. Flint, MD, Walter Reed National Military Medical Center, Bethesda, MD; LTC Brett Owens, MD, United States Military Academy, West Point, NY; LTC Steve Svoboda, MD, United States Military Academy, West Point, NY; Karen Y. Peck, MD, AFC, United States Military Academy, West Point, NY; Ken Cameron, PhD, United States Military Academy, West Point, NY. CDR John Biery, MD, United States Naval Academy, Annapolis, MD; MAJ Jeffrey Giuliani, MD, Walter Reed National Military Medical Center, Bethesda, MD; CDR John-Paul Rue, MD, United States Naval Academy, Annapolis, MD
1500 UTILITY OF INDOCYANINE GREEN FLUORESCENCE LYMPHOGRAPHY FOR SOURCE IDENTIFICATION IN GROIN FALLOPIAN BUDS: A CASE SERIES. LCOR John S. Maddox, MD; CPT Jennifer M. Sabino, MD; Bryan Buckingham, MD; Gerhard S. Mundinger, MD; Jonathan Zelken, MD; Rachel Bluebond-Langner, MD; Devinder P. Singh, MD; Luther Halton III, MD. 1 Division of Plastic Surgery, University of Maryland School of Medicine, 2 Department of General Surgery, Walter Reed National Military Medical Center

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

1600 ESOPHAGEAL PERFORATION IN AN ADULT WITH EOSINOPHILIC ESOPHAGITIS. CPT Chonna L. Kendrick, MD; Fredrick Che MD, Nojian Toomari, DO, Ninh Nguyen, MD; University of California Irvine Medical Center

 Concurrent Session SS3 Video 2  BALLROOM J

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

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

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

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

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

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

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

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

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

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

 Concurrent Session SS4 NOTES/Transanal  BALLROOM A-D

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

S010 TRICKS TO DECREASE THE SUTURE LINE HEISCHE RATE DURING ENDOLOMINAL LOCREGIONAL RESECTION (ELRR) BY TRANSANAL ENDOLOMINAL MICROSURGERY (TEM) Emanuele Lozacho, MD; FACS; Silviva Quaresima, MD; Andrea Balla, MD; Giancarla D’Ambrosio, MD; Alessandro M Paganini, MD, PhD; FACS; Department of General Surgery, Surgical Specialties and Organ Transplantation “Paride Stefanini”, Sapienza University of Rome, Italy

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

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

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

V023 ENDOSCOPI PER-ORAL PYLOROMYOTOMY (POP) Eran Shlomovitz, MD; Christy M Dunst, MD; Radu Pescarus, MD; Ahmed Sharata, MD; Kevin M Reavis, MD; Lee L Swanstrom, MD; Providence Portland Medical Center, The Oregon Clinic
Concurrent Session SS5 Quick Shots 1

Moderators: Peter Marcello, MD & Brian Jacob, MD

5013 SINGLE-INCLUSION PEDIATRIC ENDOUROLOGY (SIPES) SPLENECTOMY: WHAT DOES IT TAKE FOR ADDITIONAL PORTS? Aaron D Seims, MD, Robert T Russell, MD, Elizabeth A Beierle, MD, Mike K Chen, MD, Scott A Anderson, MD, Colin A Martin, MD, Carroll M Harmon; Children’s of Alabama

5014 IMPACT OF PREVIOUS MIDLINE LAPAROTOMY ON THE OUTCOMES OF LAPAROSCOPIC INTESTINAL RESECTIONS: A CASE-MATCHED STUDY Erman Avtar, Luca Stocchi, Julie Delong, Meagan M Costedio, Emre Gorgun, Hermann Kessler, Feza H Remzi; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

5015 IMPACT OF AN ENHANCED RECOVERY PATHWAY FOR COLORECTAL SURGERY ON QUALITY OF LIFE AFTER HOSPITAL DISCHARGE Lawrence Lee, MD, MSC; Juan Mata, MD, Berson Augustin, Gabriela A Ghitulescu, MD, A Liberman, MD, Patrick Charlebois, MD, Carol-Ann Vasilyevsky, MD, Nancy Morin, MD, Franco Carli, MD, Ianne S Feldman, MD; McGill University Health Centre; Sir Mortimer B. Davis Jewish General Hospital

5016 LIQUID-INJECTION FOR PREPERITONEAL DISESECTION OF TRANSABDOMINAL PREPERITONEAL(TAPP) INGUINAL HERNIA REPAIR Tomoko Mizota, MD, Noritomo Tokimoto, MD, PhD, Saseem Foudel, MD, Yusuke Watanabe, MD, Yo Kuraschina, MD, PhD, Yui Miyasaka, MD, PhD; NTT East Sapporo Hospital, Department of Gastroenterological Surgery II Hokkaido University Graduate School of Medicine

5017 ROBOTIC LEFT COLON CANCER RESECTION: DUAL DOWLING TECHNIQUE FOR SPLENIC FLEXURE MOBILIZATION Se Jin Baek, Chang Woo Kim, Min Soo Cho, Hyun A Jang, Hyuk Hur, Seung Hyuk Baik, Nam Kyu Kim, Byung Seo Min; Sung Uk Bae; Yonsei University College of Medicine

5018 COST ANALYSIS COMPAREING INTRAOPERATIVE FLUORESCENT CHOLANGIOGRAPHY WITH FLUOROSCOPIC CHOLANGIOGRAM Fernando Dip, MD, Domenech Asbun, MS, Armando Rosales-Velderrain, MD, Emanuele Lo Menzo, MD, PhD, Conrad H Simpfendorfer, MD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

5019 24-HOUR MULTICHANNEL INTRALUMINAL IMPEDANCE-PH MONITORING MAY BE AN INADEQUATE TEST FOR Captio DIAGNOSING GASTROESOPHAGEAL REFLUX IN PATIENTS WITH MIXED TYPICAL AND ATYPICAL SYMPTOMS Michelle S Han, MD, Michel J Lada, MD, Dylan R Nieman, MD, PhD, Andreas Tchoner, MD, Christian G Peyre, MD, Carolyn E Jones, MD, Thomas J Watson, MD, Jeffrey H Peters, MD; University of Rochester, Department of Surgery

5020 PROFICIENCY TRAINING ON A VIRTUAL REALITY ROBOTIC SURGICAL SKILLS CURRICULUM Justin D Eric, BS, Michael J Connolly, BS, Matthew I Goldblatt, MD, Andrew S Kastenmeier, MD, Jon C Gould, MD; Department of Surgery, Division of General Surgery, Medical College of Wisconsin

5021 LONG-TERM FOLLOW UP AFTER LAPAROSCOPIC ANTI-REFLUX SURGERY IN PATIENTS WITH BARRETTS ESOPHAGUS Ellen H Morrow, MD, Daniel Bushyhead, BA, Elcide Wassenaar, MD, Marcelo Hinojosa, MD, Maximiliano Loviscek, MD, Carlos Pellegrini, MD, Brant Oelschlager, MD; University of Washington

5022 EVALUATION OF THE LEARNING CURVE OF TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: COMPARISON OF THE LAPAROSCOPIC AND ROBOTIC APPROACHES Hyejin Kim, MD, Oyu-seog Choi, MD, PhD, Junseok Park, MD, PhD, Sooyeon Park, MD; Colorectal Cancer Center, Kyungpook National University Medical School, School of Medicine, Kyungpook National University

5023 THE BUSINESS ENGINEERING SURGICAL TECHNOLOGIES (BEST) TEACHING METHOD: INCUBATING TALENTS FOR SURGICAL INNOVATION Vivian De Ruijters, Peter Halvax, MD, Bernard Dallamagne, MD, Lee Swanstrom, MD, Jacques Marescaux, MD, Silvana Perretta, MD; IRCAD-IHU, University of Strasbourg, France

5024 DOES THE COST OF ROBOTIC CHOLECYSTECTOMY TRANSLATE TO A FINANCIAL BURDEN? Sharona Ross, MD, Richard Klein, Carrie Ryan, MS, Paul Toomey, MD, Prashant Sukharamwala, MD, Alexander Rosemurgy, MD; Florida Hospital Tampa; Florida

5025 SURGICAL OUTCOMES AFTER INSERTION OF GASTRIC NEUROSTIMULATOR FOR REFRACTORY GASTROPARESIS- A SINGLE INSTITUTION’S EXPERIENCE Ilbab Saab, MD, Kellie McFarlin, MD; Henry Ford Hospital

5026 MINILAPAROSCOPIC CHOLECYSTECTOMY: THE LESSONS LEARNED AFTER 13 YEARS OF EXPERIENCE AND 1.750 CASES Diego Laurentino Lima, MD, Gildo O Passos Junior, MD, Jucelinni S Barros, Yukie C Konishi, Ingrid L V Rodrigues, Frederico W C Silver, MD, Gustavo I Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

5027 THE UTILIZATION OF LAPAROSCOPY IN VENTRAL HERNIA REPAIR: AN UPDATE OF OUTCOMES ANALYSIS USING ACS-NSQIP DATA Chetan Aher, MD, Shaun Doly, MD, Daniel J Daziell, MD, Keither W Millikan, MD, Jonathan A Myers, MD, Minh B Liu, MD; Department of Surgery Rush University Medical Center

5028 PREOPERATIVE FUNCTIONAL HEALTH STATUS PREDICTS OUTCOMES AFTER ELECTIVE COLORECTAL SURGERY FOR MALIGNANCY Nuri Okkabaz, MD, Jeffrey P Hammel, MS, Feza H Remzi, MD, Emre Gorgun, MD; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic

5029 AGE, GENDER, AND VITAMIN D USE PREDICT REGRESSION OF BARRETT’S ESOPHAGUS – RESULTS FROM A RETROSPECTIVE COHORT OF 2563 PATIENTS Craig S Brown, PhD, Jay L Goldstein, MD, John G Linn, MD, Ervin W Denham, MD, Stephen P Haggerty, MD, Mark S Talamonti, MD, John A Howington, MD, Michael B Ujiki, MD; NorthShore University Health Systems, Pritzker School of Medicine at the University of Chicago

5030 QUALITY IMPROVEMENT THROUGH SOCIAL MEDIA: AN INITIAL LOOK AT THE INTERNATIONAL HERNIA COLLABORATION FACEBOOK™ GROUP Patricia C Chu, MD, Brian P Jacob, MD; Mount Sinai Medical Center, NYC

5031 RETENTION OF FUNDAMENTALS OF LAPAROSCOPIC SURGERY (FLS) PROFICIENCY WITH A BIANNUAL MANDATORY TRAINING SESSION Lindsay Wenger, MD, Cory Richardson, MD, Shawn Tsuda, MD, FACS; University of Nevada School of Medicine
Illumination beyond the limits of the human eye

The PINPOINT® Endoscopic Fluorescence Imaging System – Illuminated by SPY® Fluorescence – provides surgeons with bright, clear high definition white-light video and on-demand real-time visualization of tissue perfusion and structural anatomy during a variety of minimally invasive surgical procedures.

Experience the PINPOINT Endoscopic Fluorescence Imaging System in booth #633
SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up With Our Japanese Colleagues?

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Articulate indications for ESD
• Discuss ESD technologies and its role in clinical care
• Identify potential complications and how to avoid/treat them

ACTIVITY OUTLINE

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

LEARNING THEMES
- Colorectal
- Flex Endo
- Foregut
- New technologies/Skill acquisition
Friday, April 4, 2014

**SS6 Plenary Session 1**

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

**SS32 A SYSTEMATIC REVIEW OF SYNTHETIC AND BIOLOGIC MATERIALS FOR ABDOMINAL WALL REINFORCEMENT IN CONTAMINATED FIELDS**  
Lawrence Lee, MD, MSc, Juan Mata, MD, Tara Landry, MLS, Kosar A Khiwaja, MD, MBA, Melina C Vassiliou, MD, MED, Gerald M Fried, MD, Liane S Feldman, MD; McGill University Health Centre

**SS33 SYMPTOMATIC AND PHYSIOLOGIC OUTCOMES AT ONE-YEAR AFTER PERORAL ESOPHAGEAL MYOTOMY (POEM)**  
Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Byron F Santos, MD, Fahd O Arafat, MD, John E Pandolfini, MD, Peter J Kahrlas, MD, Ikuo Hirano, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

**SS34 DOES SIMULATION IMPROVE LEARNING OF THE FUNDAMENTAL USE OF SURGICAL ENERGY™ (FUSE) CURRICULUM? A RANDOMIZED-CONTROLLED TRIAL IN SURGICAL TRAINEES**  
A Madani, MD, Y Watanabe, MD, Mc Vassiliou, MD, P Fuchshuber, MD, Db Jones, MD, S Schwartzberg, MD, Gm Fried, MD, Js Feldman, MD; McGill University, Montreal, Canada; Kaiser Medical Center, Walnut Creek, CA, USA; Beth Israel Deaconess Medical Center, Boston, MA, USA; Cambridge Health Alliance, Cambridge, MA, USA

**SS35 FACTORS LEADING TO A HIGHER CONVERSION RATE AFTER LAPAROSCOPIC RECTAL CANCER SURGERY AND ITS IMPACT ON MORBIDITY AND MORTALITY**  
Mhgm van der Pas, MD, Gsa Abis, MD, Es de Lange, PhD, Ma Cuesta, PhD, Hj Bonjer, PhD, Color Li Studygroup; Department of Surgery, Maastricht university Medical Center, the Netherlands and Department of Surgery, VU University Medical Center Amsterdam, The Netherlands

**SS36 COMPARISON OF LONG-TERM MORTALITY (>8 YEARS) OF 7,862 BARIATRIC PATIENTS TO THE GENERAL POPULATION IN NEW YORK STATE**  
Dana A Telem, MD, Maria Altieri, MD, Jie Yang, PhD, Qiao Zhang, MS, Wendy L Patterson, MPH, Brittany D Peoples, MS, Gerald Gracia, MD, A. Laurie Shroyer, PhD, MSHA, Aurora D Pryor, MD; Stony Brook Medicine, New York State Department of Health Office of Quality and Patient Safety

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

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

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

---

**Presidential Address: “Connecting in the Digital Age”**

Gerald M. Fried, MD

**SESSION DESCRIPTION**

Dr. Gerald Fried is the Edward W. Archibald Professor and Chairman of the Department of Surgery at McGill University, and Surgeon-in-Chief and Director of the Surgical Mission at McGill University Health Centre. Dr. Fried has been a member of SAGES Board of Governors since 2003, and was previously 1st Vice President & Treasurer. Considered one of the “godfathers” of SAGES Fundamentals programs, he chaired the SAGES FLS Committee and currently chairs the SAGES/ACS FLS Joint Committee. He is a Regent of the American College of Surgeons, and a Past-President of the Canadian Association of General Surgeons, as well as of Central Surgical Association. He served as co-President of the 2010 World Congress of Endoscopic Surgery, and sits on the Board of several surgical societies, including SSAT and ISDS. He is known to his SAGES colleagues as a strong leader, great diplomat, trusted friend, loving family man and SAGES official Sommelier.

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

**SESSION OBJECTIVES**

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

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

**LEARNING THEME**

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

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.

SAGES PEARLS SERIES  
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  
- Laparoscopic Roux-en-Y Gastric Bypass  
- Laparoscopic Sigmoid Colectomy  
- Laparoscopic Right Hemicolectomy  
- Laparoscopic Inguinal Hernia Repair  
- Laparoscopic Incisional Hernia Repair  
- Laparoscopic Splenectomy

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.*

Ciné-Med®  
127 Main Street North, Woodbury, CT 06798  
Order Today!  
Call 800.515.1542 or 203.263.0006  
or Visit Our Website at: www.Cine-Med.com
Friday, April 4, 2014

SAGES 2014 Scientific Session & Postgraduate Courses

10:45 AM - 11:30 AM
Gerald Marks Lecture – “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”

Amitai Ziv, MD, MHA

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

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

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

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

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

SAGES acknowledges our Diamond and Platinum Level Donors for their support of this activity:
Diamond: Covidien
Platinum: Ethicon, Ferring Pharmaceuticals, Karl Storz Endoscopy, Olympus

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

11:30 AM - 12:30 PM
Concurrent Session SS7 Education/Simulation

Ballroom A-D

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

SO37 HYPNOSIS INDUCED MENTAL TRAINING IMPROVES PERFORMANCE ON THE FUNDAMENTALS OF LAPAROSCOPIC SURGERY SIMULATOR
Gideon Sroka, MD, MSc; Monica Laniado, MD, Zahi Arnon, PhD, Elad Schief, MD, Ibrahim Matter, MD; Department of General Surgery, Complementary & Alternative Medicine Services, Bnai-Zion Medical Center, Haifa, Israel

SO38 DIFFERENCES IN GAZE BEHAVIOUR OF EXPERT AND NOVICE SURGEONS PERFORMING OPEN INGUINAL HERNIA REPAIR
Tony Tien, Philip Pucher, Mikael Sodergren, Kumuthan Sriskandarajah, Guang-Zhong Yang, Ara Darzi; Imperial College London Department of Surgery and Cancer at St. Mary’s Hospital

SO39 CAMERA NAVIGATION AND CANNULATION: VALIDITY EVIDENCE FOR 2 NEW TASKS
Y Watanabe, E Bilgic, E M Ritter, MD, S Schwartzberg, MD, P A Kaneva, MSc, K I Hoffman, PhD, J R Korsndorfer, MD, D J Scott, MD, A Okrainec, MD, M T Odonnell, MD, L S Feldman, MD, G M Fried, MD, M C Vassiliou, MD; McGill University Health Centre, Tulane University, Uniformed Services University/Walter Reed Medical Simulation Center, University of Southern California, University of Texas Southwestern Medical Center, University of Toronto

SO40 THE SUCCESSFUL DEVELOPMENT AND IMPLEMENTATION OF A NOVEL, BILARY SURGICAL SIMULATION PATHWAY TRAINING CURRICULUM
Joseph M Buchholz, BS, Charles M Vollmer, MD, Kiyoyuki W Miyasaka, MD, Denise LaMarra, MS, Noel N Williams, MB, BCh, MCh, FRCSI, FRCS; Imperial College London Department of Surgery and Cancer at St. Mary’s Hospital

SO41 VALIDATION OF A NOVEL, LOW-COST SIMULATOR FOR LAPAROSCOPIC HIATAL HERNIA REPAIR AND FUNDOPPLICATION J Babowice, P Suarez, W Denham, J Linn, S Haggerty, R Tanaka, M Gitelis, J Carbray, M Ujiki; NorthShore University HealthSystem

SO42 FLS SKILL ACQUISITION: A COMPARISON OF BLOCKED VERSUS INTERLEAVED PRACTICE
Steven B Goldin, MD, PhD, Gregory T Horn, BA, Michael J Schnaus, BA, Mark Grichanik, BA, Adam Ducey, BA, Charles Nofsinger, MD, David Hernandez, MD, Murray Shames, MD, Mark Zakaria, MD, Michael T Brannick, PhD; University of South Florida

SO43 CONSTRUCT VALIDITY AND POSSIBLE EDUCATIONAL ROLE FOR MOTION ANALYSIS IN A LAPAROSCOPIC TRAINING
Maeve O’Neill Trudeau, MD, Ahmed Nasr, MD, FRCS, Brian Carrillo, PhD, J. Ted Gerstle, MD, FRCS, FACS, FAAP, Georges Azzie, MD, FRCS; Dept of Surgery, University of Toronto, Toronto, ON Canada. Centre for Image Guided Innovation & Therapeutic Intervention, Hospital for Sick Children, Toronto. Dept of Surgery, University of Ottawa, Children’s Hospital of Eastern Ontario, Ottawa ON Canada

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

SAGES Top 21 contains video-based training on the most common minimally invasive procedures performed by general surgeons, as determined by the

- ERCP
- Diagnostic Laparoscopy
- Laparoscopic Spine Surgery
- Colonoscopy
- Laparoscopic Incisional Hernia Repair MS1215
- Laparoscopic Right Hemicolectomy MS1112
- Laparoscopic Spleen Removal
- Laparoscopic Gall Bladder Removal
- Laparoscopic Adrenal Gland Removal
- Laparoscopic Ventral Hernia Repair
- Laparoscopic Surgery for Severe Obesity
- Laparoscopic Heller Myotomy
- Laparoscopic Nissen Fundoplication
- Laparoscopic Cholecystectomy
- Laparoscopic Sigmoid Colectomy
- Laparoscopic Right Hemicolectomy & Appendectomy
- Laparoscopic Splenectomy
- Laparoscopic Sleeve Gastrectomy
- Coming Soon!

SAGES Pearls provide step-by-step instruction by one or more expert laparoscopic surgeons on

- 7: Laparoscopic Heller Myotomy
- 5: Laparoscopic Nissen Fundoplication
- 3: Laparoscopic Cholecystectomy
- 2: Colonoscopy
- Laparoscopic Spleen Removal
- Laparoscopic Gall Bladder Removal
- Laparoscopic Adrenal Gland Removal
- Laparoscopic Ventral Hernia Repair
- Laparoscopic Surgery for Severe Obesity
- Laparoscopic Heller Myotomy
- Laparoscopic Nissen Fundoplication
- Laparoscopic Cholecystectomy
- Laparoscopic Sigmoid Colectomy
- Laparoscopic Right Hemicolectomy & Appendectomy
- Laparoscopic Splenectomy
- Laparoscopic Sleeve Gastrectomy
- Coming Soon!
Discover Where Innovation Can Take You

The World’s **ONLY**
Articulating HD 3D Video System

**ENDOEYE FLEX 3D**

**THUNDERBEAT**

The World’s **ONLY**
Fully-Integrated Ultrasonic and Advanced Bipolar Technology

For more information, visit out Booth #201, call 800-848-9024 to speak to your local representative or visit us at medical.olympusamerica.com

© 2014 Olympus America Inc. Trademark or Registered Trademark of Olympus or its affiliated entities in the U.S. and/or other countries of the world. All patents apply. OAIENE0613AD11270
**Friday, April 4, 2014**

**Concurrent Session SS8 Outcomes**

**Ballroom E-H**

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

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

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

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

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

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

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

**S047 MEDICAL TOURISM AND OBESITY SURGERY: WHO PAYS?**

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

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

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

**S049 THROMBOEMBOLIC EVENTS IN BARIATIC SURGERY: THE CLEVELAND CLINIC EXPERIENCE**

Mohammad H Jamal, MD, MeD, FRCS; Hiderahri Shimizu, MD, Stacy Brethauer, MD, FACS, Mathew Kroh, MD, FACS, Biban Chand, MD, FACS, Philip Schauer, MD, FACS; CLEVELAND CLINIC

**S050 A COMPREHENSIVE PROCESS FOR DISCLOSING AND MANAGING CONFLICTS OF INTEREST REDUCED PERCEIVED BIAS AT THE SAGES ANNUAL MEETING**

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

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

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

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

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

**S053 MORTALITY AND MorBILITY IN BARIATRIC SURGERY USING AGE AND BMI STRATIFICATION: A NSQIP DATA STUDY**

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

**S054 SIX MONTH OUTCOMES IN PATIENTS EXPERIENCING WEIGHT GAIN AFTER GASTRIC BYPASS WHO UNDERWENT GASTROJEJUNAL REVISION USING AN ENDOLUMINAL SUTURING DEVICE**

M Gitelis, M Ujiki, L Farwell, J Linn, K Miller, C Burnett, J Carbray, S Haggerty, W Denham; NorthShore University HealthSystem

**S055 HOSPITAL ADMISSIONS GREATER THAN 30 DAYS FOLLOWING BARIATIC SURGERY: PATIENT AND PROCEDURE MATTER**

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

**S056 PRESENCE OF HHELICOBACTER PYLORI IS NOT ASSOCIATED WITH LATE ANASTAMOTIC COMPLICATIONS IN GASTRIC BYPASS PATIENTS**

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

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

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

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

Ranjan Sudan, MD, Erica R Podolsky, MD; Duke University Medical Center
Concurrent Session SS10 Basic Science

Moderators: Leandro Cavazzola, MD & Masaaki Ito, MD

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

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

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

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

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

**S063 SELF-ASSEMBLING BIOMIMETIC HYDROGELS WITH BIOADHESIVE PROPERTIES FOR TISSUE ENGINEERING APPLICATIONS**
Bryan A Johnson, MD, Jennifer Vernengo, PhD, Jennifer Kadlowec, PhD, Christine Iftode, PhD; Cooper University Hospital of Rowan University, Rowan University Department of Engineering
Fellowship Council Luncheon “Strategies for Overcoming the Financial Challenges Facing the Fellowship Council”

SAGES does not offer CME for this session

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

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

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

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

ACTIVITY OUTLINE

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

LEARNING THEME
PE Professional/Economic

Congratulations, Winners of SAGES Medical Student Travel Award

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

The winners are:

Priscilla Sugianto, 2nd year medical student, Stanford University School of Medicine
Oren Shaked, 4th year medical student, Perelman School of Medicine at the University of Pennsylvania
Eric Petersen, 3rd year medical student, University of Colorado School of Medicine

140 medical students from across the United States and Canada submitted essays for 3 scholarships which includes; registration for the SAGES Annual Meeting in Salt Lake City, Utah, a check for $2,000, and an award certificate. Winners will also receive mentoring from members of the SAGES Membership Committee during the meeting.
Postgraduate Course: Humanitarian

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

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

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

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

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>The Focus (10000 ft view): Globalization of Surgical Care</td>
<td></td>
</tr>
<tr>
<td>1:40PM</td>
<td>Educational</td>
<td></td>
</tr>
<tr>
<td>1:50PM</td>
<td>System Development in Low Resource Setting – A South American Success Story</td>
<td></td>
</tr>
<tr>
<td>2:00PM</td>
<td>Academic Partnership</td>
<td></td>
</tr>
<tr>
<td>2:10PM</td>
<td>Characteristics of Successful Projects</td>
<td></td>
</tr>
<tr>
<td>2:00PM</td>
<td>The Setting (1000 ft view): Integrating Surgical Care into the Community</td>
<td></td>
</tr>
<tr>
<td>2:20PM</td>
<td>Disaster vs Non Disaster Setting &amp; Preparation</td>
<td></td>
</tr>
<tr>
<td>2:30PM</td>
<td>Understanding Local Laws, Customs &amp; Import Customs</td>
<td></td>
</tr>
<tr>
<td>2:40PM</td>
<td>Ensuring Contextual Relevance &amp; Appropriateness</td>
<td></td>
</tr>
<tr>
<td>2:50PM</td>
<td>Discussion: Q&amp;A</td>
<td></td>
</tr>
<tr>
<td>3:15PM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:40PM</td>
<td>The Team (100 ft view): Getting Practical</td>
<td></td>
</tr>
<tr>
<td>3:50PM</td>
<td>Developing Checklists (Personnel, Visas, Vaccinations, Equipment, etc.)</td>
<td></td>
</tr>
<tr>
<td>4:00PM</td>
<td>The Local Champion (Ground Level View)</td>
<td></td>
</tr>
<tr>
<td>4:15PM</td>
<td>Working Toward Sustainability...The End Goal</td>
<td></td>
</tr>
<tr>
<td>4:15PM</td>
<td>The View From the Local Champion - Africa</td>
<td></td>
</tr>
<tr>
<td>4:15PM</td>
<td>The View From the Local Champion - Asia</td>
<td></td>
</tr>
<tr>
<td>4:30PM</td>
<td>Developing World Surgery 101</td>
<td></td>
</tr>
<tr>
<td>4:30PM</td>
<td>Tropical Medicine (ID) for Surgeons</td>
<td></td>
</tr>
<tr>
<td>4:45PM</td>
<td>Anesthesia in Low Resource Environments</td>
<td></td>
</tr>
<tr>
<td>5:00PM</td>
<td>Discussion: Getting started...How Do I Get Connected? Q &amp; A</td>
<td></td>
</tr>
</tbody>
</table>

LEARNING THEME
Professional/Economic

Poster:
P374 LAPAROSCOPY IN THE DEVELOPING WORLD: PERCEPTIONS OF PATIENTS AT KOMFO ANOKYE TEACHING HOSPITAL, GHANA ABOUT LAPAROSCOPY
Setri Fugar, Adam Gyedu; Dept. of Surgery, Kwame Nkrumah University of Science and Technology; Directorate of Surgery, Komfo Anokye Teaching Hospital
The Great Presidential Debates of 2014

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• State the advantages and limitations of natural orifice endolumenal endoscopic surgery
• State the outcomes that should be measured to evaluate the procedures used to treat GI neoplasia
• Recognize the balance between the patients’ expectations and the profession’s interpretation of best practice
• Describe a safe and thoughtful approach to introducing innovative procedures into practice
• Understand the technical tools available for advanced endoscopic interventional therapies
• Identify the natural orifice techniques which exist as practical alternatives to standard surgical procedures

SESSION OUTLINE

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

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

LEARNING THEMES
C Colorectal
FE Flex Endo
NS New technologies/Skill acquisition
Emerging Frontiers in Simulation-Based Surgical Education

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
- Identify the training opportunities that exist in virtual reality as a simulation modality
- Evaluate the numerous VR opportunities and select those that could be considered for acquisition that may fill an unmet local need
- Choose simulation options that would meet the emerging needs of the surgical training community

ACTIVITY OUTLINE

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

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

Enhanced Features Include:
- Personalized schedules
- Note Taking
- Tweet/Share favorite sessions
- Enhanced maps, listings & search capabilities
- Enhanced exhibitor listing & features
SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America

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

SESSION DESCRIPTION

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

SESSION OBJECTIVES

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

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

ACTIVITY OUTLINE

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

LEARNING THEMES

- B: Bariatrics
- FE: Flex Endo
- NS: New technologies/Skill acquisition
MIS Jeopardy
Session Chair: Frederick L. Greene, MD; Session Co-Chair: Richard Larry Whelan, MD

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Identify and employ new strategies relating to MIS surgical issues
• Recognize personal gaps in knowledge which will lead to further independent study
• Recognize safe and effective strategies to correct common GI, HPB and abdominal wall disease processes

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM</td>
<td>MIS Jeopardy</td>
<td>Moderators: Frederick L. Greene, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Richard L. Whelan, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sachin Kukreja, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Kristi Lee Harold, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Daniel Herron, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Leena Khaitan, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Marks, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>John Monson, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Raul Rosenthal, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>David Urbach, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Melina Vassiliou, MD</td>
</tr>
</tbody>
</table>

Contestants - All-Star Panel:

LEARNING THEMES
- C Colorectal
- FOR Foregut
- HR Hernia
- HPB HPB/Solid organ

Happy (Half) Hour Break in Exhibit Hall

3:15PM - 3:45PM
*Included in Registration SuperPass (Option A) or Registration Option C

EXHIBIT HALL A-C
Emerging Technology Session

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

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

**SESSION DESCRIPTION**

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

**SESSION OBJECTIVES**

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

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

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

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

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

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

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

J Opterma, MS, B Azizi Koutenees, MS, A Shademan, PhD, S Leonar, PhD, A Krieger, PhD, Pcw Kim, MD, PhD; Sheikh Zayed Institute for Pediatric Surgical Innovation, Children’s National Health System, Washington, D.C.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Declan M Soden, PhD, Michael O’Riordan, MD, FRCSI, FRCSI, Patrick Forde, PhD, Michael Bourke, MD, FRCSI; Mercy University Hospital
MIS for Acute Care Surgeons

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Recognize the indications for open versus minimally invasive approach in sick patients in the emergency setting
• Understand current management strategies for common general surgery emergencies such as acute cholecystitis, diverticulitis, C. Difficile colitis, bowel obstructions, etc.
• Apply surgical tips and tricks in difficult situations in the Operating Room in common general surgery emergencies

ACTIVITY OUTLINE

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

LEARNING THEMES
- B  Bariatrics
- C  Colorectal
- HR Hernia
- HPB HPB/Solid organ
SAGES/EAES Panel: Benign Foregut – Opinions and Evidence in the Management of Benign Esophageal Disorders

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

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

SESSION OBJECTIVES
At the conclusion of this session, participants will be able to:
• Perform a careful and thorough evaluation, establishing a definitive diagnosis
• Understand the pathophysiology of these diseases
• Plan treatment based on the pre-operative evaluation and the characteristics and history of individual patients

ACTIVITY OUTLINE

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

LEARNING THEMES
For Foregut
Resident/Fellow Scientific Session

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

SESSION DESCRIPTION

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

SESSION OBJECTIVES

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

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

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>3:45 PM</td>
<td>Introduction</td>
<td>Tung Tran, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Linda Zhang, MD</td>
</tr>
<tr>
<td>3:50 PM</td>
<td>Resident/Fellow Presentations</td>
<td></td>
</tr>
<tr>
<td>3:50 PM</td>
<td>Adjourned</td>
<td></td>
</tr>
</tbody>
</table>

Expert Panelists: Desmond Birkett, MD; Steve Eubanks, MD; Mark Talamini, MD; Alfons Pomp, MD

5156 PREDICTORS OF INTRAOPERATIVE ESOPHAGOESOPHAGEAL JUNCTION DISTENSIBILITY AND PHYSIOLOGIC IMPROVEMENT DURING HELLER MYOTOMY AND POEM Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Lubomyr Boris, BS, Frederic Nicodème, MD, Peter J Kahrilas, MD, John E Pandolfino, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

5157 LAPAROSCOPIC HEPATECTOMY IN CIRRHOTIC PATIENTS: SAFE IF YOU ADJUST TECHNIQUE David J Worhunsky, MD, Monica M Duu, MD, Bernard Siu, BS, George A Poltsides, MD, MS, Jeffrey A Norton, MD, Brendan C Visser, MD; Stanford University Medical Center

5158 ROUTINE UPPER GASTROINTESTINAL SERIES IS NOT NECESSARY IN THE POST-OPERATIVE EVALUATION OF LAPAROSCOPIC SLEEVE GASTRECTOMIES Michael T Rossi, MD, Rami Luft, MD; University of Illinois at Chicago Metropolitan Group Hospitals

5159 MAUDE DATABASE AUDIT SHOWS INACCURATE REPRESENTATION OF MESH-RELATED ADVERSE EVENTS AND TRENDS Shudhadeb Ray, MD, Kyle C Ward, DO, Christopher D Barrett, MD, Kevin P Costella, Corey R Deeken, PhD, Sara Baalman, MA, Margaret M Frisella, RN, Brent D Matthews, MD; Washington University School of Medicine

5160 ENDOSCOPIC SUTURE FIXATION OF GASTROESOPHAGEAL STENTS WITH AND WITHOUT SUBMUCOSAL INJECTION IN A PORCINE MODEL Victor T Wilcox, MD, Brian J Dunkin, MD, FACS, Nabil Tariq, MD, FACS, Albert Y Huang, MD, Patrick R Reardon, MD, FACS; Methodist Institute for Technology, Innovation & Education (MITIE)

5161 LATERAL APPROACH IN LAPAROSCOPIC DISTAL PANCREATECTOMY IS SAFE AND POTENTIALLY BENEFICIAL COMPARED TO THE TRADITIONAL MEDIAL APPROACH Julie Hallet, MD, FRCS, Daniel Abramowitz, MD, Matt Strickland, MD, Veronica Liang, MD, Calvin Law, MD, MPH, FRCS, Shiva Jayaraman, MD, MESC, FRCS; Sunnybrook Health Sciences Center – The Odette Cancer Center, Toronto, Ontario; St Joseph’s Health Center, Toronto, Ontario; Division of General Surgery, University of Toronto, Toronto, Ontario

5162 DOES LAPAROSCOPIC FECAL DIVERSION OFFER BETTER OUTCOMES? A COMPARATIVE STUDY OF 196 CONSECUTIVE PATIENTS? Emre Gorgun, Fazli C Gezen, Erman Aytac, Luca Stocchi, Meagan M Costedio, Feza Remzi; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

5163 BAND REMOVAL AND CONVERSION TO SLEEVE OR BYPASS: ARE THEY EquALLY SAFE? B. Fernando Santos, MD, Jessica B Wallaert, MD, Thadeus L Trus, MD; Dartmouth-Hitchcock Medical Center, Department of Surgery, Lebanon, NH.

5164 DEVELOPING ADVANCED LAPAROSCOPIC SURGERY IN MONGOLIA Katie M Wells, MD, Raymond R Price, MD, Orgai Seregen, MD, Byadran Uchagvabayar, MD, Tsireegzen Enkhi-Amgalan, MD, Matthew D Price, Michael R Marohn, DO; Dept of Surg Health Sciences Univ of Mongolia; Narl’i Cancer Ctr of Mongolia; Songdo Hospital; Dept of Surg Ctr for Global Surg, Univ of Utah; Dept of Surg Intermountain Med Univ Ctr; Dept of Surg, Johns Hopkins Medical Univ.

5165 THE LAPAROSCOPIC APPROACH TO PARAESOPHAGEAL HERNIA REPAIR (PEHR) IS SUPERIOR TO OPEN: RESULTS FROM THE NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM Samuel W Ross, MD, MPH, Bindhu Oommen, MD, MPH, Mimi Kim, MD, Joel F Bradley, MD, Kristopher B Williams, MD, Amanda L Walters, MS, Kristian T Dacey, MHA, Vedra A Augustein, MD, Brant T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery
Friday, April 4, 2014

6:00PM - 7:00PM
Meet the Leadership Reception for Residents, Fellows & New Members
Location: The Depot (see page 106 for details)

7:00PM - 11:00PM
*Included in Registration SuperPass (Option A)
Don’t miss the
SAGES Gala – An Evening at the Depot
Featuring: The 17th Annual International Sing-Off
<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>Concurrent Session SS11 Hernia</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Concurrent Session SS12 Robotics/Ergonomics</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Concurrent Session SS13 HPB</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Panel: Bariatric Complications for the non-Bariatric Surgeon</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>8:00 AM - 9:30 AM</td>
<td>Panel: Why Haven’t Conversion Rates Improved?</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>9:30 AM - 11:00 AM</td>
<td>SS14 Plenary Session 2</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>10:00 AM - 12:30 PM</td>
<td>Exhibits, Poster Session, Learning Center Open</td>
<td>Exhibit Hall A-C</td>
</tr>
<tr>
<td>11:00 AM - 11:45 AM</td>
<td>SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend! (not accredited for CME)</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>11:45 AM - 12:30 PM</td>
<td>FREE LUNCH for All Attendees</td>
<td>Exhibit Hall A-C</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS15 Colorectal</td>
<td>Ballroom J</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS16 Flexible Endoscopy</td>
<td>Ballroom A-D</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS17 Foregut</td>
<td>Ballroom E-H</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS18 Metabolic/Obesity 2</td>
<td>Exhibit Hall D</td>
</tr>
<tr>
<td>12:30 PM - 2:00 PM</td>
<td>Concurrent Session SS19 Quick Shots 2</td>
<td>Ballroom I</td>
</tr>
<tr>
<td>7:30 AM - 2:00 PM</td>
<td>SAGES Mini-Medical School Boot Camp for High School Students (not accredited for CME)</td>
<td>Room 250</td>
</tr>
</tbody>
</table>
Discover Where Innovation Can Take You

Intra-Operative Surgical Endoscopy Solutions to Check for Anastomotic Leaks and Support Improved Patient Outcomes

Olympus offers a comprehensive line of endoscopic solutions for general, bariatric and colorectal surgical procedures that enhance observation, support improved surgical results and advance operational efficiency.

- EVIS EXERA Universal HD Video System including Gastroscopes and Colonoscopes
- ENDOEYE FLEX HD 3D Articulating Laparoscope
- Hand Instruments & Endotherapy Accessories

For more information, visit our Booth #201 or call 800-848-9024
Saturday, April 5, 2014

8:00AM - 9:30AM

Concurrent Session SS11 Hernia
Moderators: Daniel Deziel, MD & Samuel Shuchleib, MD

*SPOTLIGHT ON HERNIA*

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

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

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

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

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

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

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

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

**V027 USE OF CHEMICAL COMPONENTS SEPARATION FOR PRIMARY WOUND CLOSURE IN AN OPEN ABDOMEN**
Natasza M Pocielski, BS, Clayton C Petro, MD, Yuri W Novitsky, MD, Hooman T Soltanian, MD, Michael J Rosen, MD; University Hospitals Case Medical Center
Saturday, April 5, 2014

Concurrent Session SS12 Robotics/Ergonomics

Moderators: Alessio Pigazzi, MD & John Park, MD

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

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

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

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

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

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

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

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

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

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

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

**V029 ROBOTIC ASSISTED TOTAL PANCREATECTOMY AND AUTOLOGOUS ISLET CELL TRANSPLANTATION: POTENTIAL BENEFITS OF A NOVEL TECHNIQUE** Amer H Zureikat, MD, Trang Nguyen, MD, David Bartlett, MD, Martin Wijkstrom, MD, Herbert Zeh, III, MD, Abhinav Humar, MD; University of Pittsburgh Medical Center
Saturday, April 5, 2014

**Concurrent Session SS13 HPB**

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

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

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

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

**085** USE OF BILIARY STENT IN LAPAROSCOPIC COMMON BILE DUCT EXPLORATION  
*M. Menon, MBBCh, MRCS, MCh, Abhiney Jain, MBBC, Harish Kumar, MD, FRCS, FRCS; Darling Downs Health Service, University of Queensland*

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

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

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

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

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

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

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

**SESSION OBJECTIVES**
At the conclusion of this session, participants will be able to:
- Utilize the current approved bariatric procedures and their variations, as appropriate
- Recognize common complications associated with bariatric operations such as bleeding, obstructions, band slippage, leaks, ulcers, pulmonary embolism, strictures and small bowel obstructions
- Improve management of bariatric complications

**ACTIVITY OUTLINE**

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

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

**LEARNING THEMES**
- **B** Bariatrics
- **FOR** Foregut
- **NS** New technologies/Skill acquisition
**Why Haven’t Conversion Rates Improved?**

**Session Chair**: Ali Tavakkoli, MD; **Session Co-Chair**: Elisabeth C. McLemore, MD

**SESSION DESCRIPTION**

Minimally invasive surgery offers clear benefits to the patient, however is not always feasible and necessitates conversion to open surgery. Despite improvements in surgical technology, equipment and training, the conversion rates to open surgery have however remained largely unchanged, highlighting an area where the field could improve. This session aims to review the trends in rates of conversion, and provide a better understanding of why it occurs and how we could do better.

**SESSION OBJECTIVES**

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

- Assess advantages and disadvantages of conversion to open surgery
- Identify patients at high risk of conversion and adjust surgical decisions accordingly
- Recognize opportunities to reduce conversion rates

**ACTIVITY OUTLINE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00AM</td>
<td>Trends in Surgical Conversion Rates – Are We Getting Better or Staying the Same?</td>
<td>Dimitrios Trakayannis, MD</td>
</tr>
<tr>
<td>8:15AM</td>
<td>Risk Factors and Clinical Utility of Risk Scores for Conversion</td>
<td>Elisabeth McLemore, MD</td>
</tr>
<tr>
<td>8:30AM</td>
<td>You Should Convert Early: Cost, Outcomes and Legal Implications</td>
<td>Alfons Pomp, MD</td>
</tr>
<tr>
<td>8:45AM</td>
<td>Don't Rush to Convert: Cost, Outcomes and Legal Implications</td>
<td>Oliver Varban, MD</td>
</tr>
<tr>
<td>9:00AM</td>
<td>Looking Ahead: How Do We Improve Conversion Rates?</td>
<td>Abe Fingerhut, MD</td>
</tr>
<tr>
<td>9:15PM</td>
<td>Q &amp; A</td>
<td></td>
</tr>
</tbody>
</table>

**LEARNING THEMES**

- C Colorectal
- NS New technologies/Skill acquisition
- PE Professional/Economic
- HPB HPB/Solid organ

---

**SS14 Plenary Session 2**

**Moderators**: Gerald Fried, MD & Olle Ljungqvist, MD

**5088 TECHNICAL PROFICIENCY IN COLONOSCOPY CORRELATES WITH PERFORMANCE ON THE FES MANUAL SKILLS TEST**

**Faculty**: Carmen L Mueller, MD, Pepa Kaneva, MSc, Gerald M Fried, MD, Liane S Feldman, MD, Melina C Vassiliou, MD; Montreal General Hospital, McGill University Health Centre

**5089 REOPERATION RATES AFTER NISSEN FUNDOPLICATION: AN ANALYSIS OF THE CALIFORNIA OUTCOMES DATABASE (OSSHDP)**

**Faculty**: Cristina R Harnsberger, MD, Tianzan Zhou, BA, David C Chang, PhD, MPH, MBA, Ryan C Broderick, MD, Hans F Fuchs, MD, Garth R Jacobsen, MD, Santiago Horgan, MD, Bryan J Sandler, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

**5090 NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY FACILITATES IDENTIFICATION OF BILIARY ANATOMY DURING LAPAROSCOPIC CHOLECYSTECTOMY**

**Faculty**: Sylvester N Osayi, MD, Mark R Wendling, MD, Umer I Chaudhry, MD, Joseph M Drosdeck, MD, Kyle A Perry, MD, Sabrena F Noria, MD, Jeffrey W Hazey, MD, Peter Muscarella, MD, W. Scott Melvin, MD, Vimal K Narula, MD; The Ohio State University Wexner Medical Center, Columbus, OH, USA

**5091 A MULTI-CENTER STUDY OF USING CARBON NANOPARTICLES TO TRACK LYMPH NODE METASTASIS IN T1-2 COLORECTAL CANCER**

**Faculty**: Jun Yan, MD, Fangqin Xue, MD, Hui Zhang, MD, Gang Chen, MD, Jianping Lu, MD, Lisheng Cai, MD, Mingzhi Cai, MD, Gao Xiang, MD, Yunfeng Hong, MD, Wenbo Chen, MD, Guoxin Li, MD; Department of General Surgery, Nanfang Hospital, Southern Medical University

**5092 EARLY POST OPERATIVE WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY CORRELATES WITH THE VOLUME OF THE STOMACH EXCISED AND NOT WITH THAT OF THE SLEEVE! PRELIMINARY DATA FROM AN MDCT BASED STUDY.**

**Faculty**: Pawanindra Lal, MS, DNB, MNAAMS, FRCSEd, FRCSGlas, FRCSEn, FACS, Manoj K Midha, MBBS, Anubhav Vindal, MS, DNB, MRCSed, MNAAMS, Jagdish Chander, MS; Division of Minimal Access Surgery, Department of Surgery, Maulana Azad Medical College (University of Delhi), New Delhi, India

**5093 LAPAROSCOPIC TOTAL PANCREATECTOMY WITH ISLET AUTOTRANSPLANTATION FOR CHRONIC PANCREATITIS**

**Faculty**: Martin Makary, MD, MPH, Michiel Cooper, MD, PhD, Niraj Desai, MD, Nicole Jiam, Daniel Warren, PhD, Zhaoli Sun, PhD, Vikesh Singh, MD, Anup K Manes, Rita Kalyani, MD, Erica Hall, MSN, CRNP, CDE, Bonny Thul, CRNP, Kenzo Hirose, MD; Johns Hopkins Hospital

**V033 THE SURGEON AND THE SCOPE: TALES FROM THE EARLY DAYS**

**Faculty**: Katherine M McKendy, MD, Yusuke Watanabe, MD, Ekaterina Lebedeva, MLIS, Liane S Feldman, MD, Gerald M Fried, MD, Melina C Vassiliou, MD, MD; McGill University Health Centre, Jewish General Hospital
Saturday, April 5, 2014

10:00AM - 12:30PM
Exhibits, Poster Session, and Learning Center Open

11:00AM - 11:45AM
SAGES Annual General Membership Business Meeting
All SAGES Members Encouraged to Attend!

AGENDA

President's Introduction: Gerald M. Fried, MD
Report of Ballots, Bylaws Changes, Introduction of new Officers/Board Members: Tonia M. Young-Fadok, MD, MS
Committee Reports
Remarks by Incoming President: L. Michael Brunt, MD

11:45AM - 12:30PM
FREE LUNCH in Exhibit Hall for all attendees

12:30PM - 2:00PM
Concurrent Session SS15 Colorectal

Moderators: Imran Hassan, MD & Stefan Holubar, MD

S094 LAPAROSCOPIC COMPLETE MESOCOLIC EXCISION WITH RADICAL LYMPH NODE DISSECTION ALONG THE SURGICAL TRUNK IN RIGHT-HEMI COLON CANCER: Shinichiro Mori, MD, Kenji Baba, MD, PhD, Masayuki Yanagi, MD, Yoshiaki Kita, MD, PhD, Shigeo Hayagita, MD, PhD, Yasuto Uchikado, MD, PhD, Yoshikazu Uenosono, MD, PhD, Hiroshi Okumura, MD, PhD, Akihito Nakajo, MD, PhD, Kosei Maemura, MD, PhD, Sumiya Ichigami, MD, PhD, Kuniaki Aridome, MD, PhD, Shoji Natsugoe, MD, PhD; Department of Digestive Surgery, Breast and Thyroid Surgery, Graduate School of Medicine, Kagoshima University

S095 PORTOMESENTERIC VENOUS THROMBOSIS FOLLOWING MAJOR COLON AND RECTAL SURGERY: INCIDENCE AND RISK FACTORS: Kristin A Robinson, MD, Mark E O'Donnell, MD, David G Pearson, MD, Melanie E Odeleye, MD, Zachary Bodnar, MD, Kristen A Kalkbrenner, PAC, J. Scott Kriegshauser, MD, Tonia M Young-Fadok, MD; Mayo Clinic Hospital, Arizona

S096 DOES LAPAROSCOPY REDUCE THE NEED FOR INCIDENTAL SPLENIC PROCEDURES DURING COLORECTAL RESECTIONS?: AN ASSESSMENT FROM THE NSQIP DATABASE: Ozgen Isik, MD, Erman Aytc, MD, Jean Ashburn, MD, Gokhan Ozuner, MD, Feza Remzi, MD, Meagan Costedio, MD, Emre Gorgun, MD; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic

S097 EFFICACY OF LAPAROSCOPIC-ASSISTED APPROACH FOR REVERSAL OF HARTMANN’S PROCEDURE: RESULTS FROM THE AMERICAN COLLEGE OF SURGEONS NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM: Jeanine Arkenbosch, BS, Hirochimi Miyagaki, MD, PhD, Hmc Shantha Kumara, PhD, Xiaohong Yan, PhD, Vesna Cekic, RN, Richard L Whelan, MD; Division of Colon and Rectal Surgery, Department of Surgery, St Luke’s Roosevelt Hospital Center

S098 GENITO-URINARY DISORDERS IN 30 CONSECUTIVE LAPAROSCOPIC TME FOR RECTAL CANCER: A PROSPECTIVE VIDEO-CONTROLLED STUDY: Andrea Costanzi, MD, Luca Rigamonti, Giulio Mari, MD, Valter Berardi, MD, Angelo Miranda, MD, Jacopo Crippa, Dario Maggioni, MD; Desio Hospital, Italy

S099 DAMAGE CONTROL WITH LAVAGE AND DRAINAGE IN ACUTE DIVERTICULITIS LONG TERM FOLLOW UP: Miguel A Hernandez, MD, Morris E Franklin, MD, FACS, Zanndor Del Realromo, MD, Guerrero Peralta, MD; Texas Endosurgery Institute

S100 IMPACT OF THE SYSTEMIC INFLAMMATORY RESPONSE SYNDROME ON EARLY DISCHARGE AFTER LAPAROSCOPIC SEGMENTAL COLECTOMY: Bobby Johnson, MD, Ian M Paquette, MD, Bradley R Davis, MD; University of Cincinnati College of Medicine

S101 PREOPERATIVE REPEAT ENDOSCOPY IN COLORECTAL CANCER PATIENTS: AN INSTITUTIONAL EXPERIENCE AND ANALYSIS OF INFLUENCING FACTORS: Thamer Al Abbas, MB, BCH, BAO, NRCSI, FRCSC, Fady Saleh, MD, MPH, Timothy D Jackson, BSc, MD, MPH, FRCSC, Allan Ukrainec, MD, CM, MFCPC, FRCSC, FACS, Fayez A Quershey, MD, MBA, FRCSC; University Health Network, University of Toronto, Toronto, Canada

S102 ABDOMINAL AND PELVIC ADHESIONS AFTER LAPAROSCOPIC ILEAL POUCH-ANAL ANASTOMOSIS: Ryan W Day, MD, Tonia M Young-Fadok, MD; Mayo Clinic Arizona

V034 TRANSACTIONAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: A TRAINING PATHWAY: Elisabeth C McLemore, MD, Cristina R Hornsberger, MD, Patricia Sylia, MD, Ryan C Broderick, MD, Albert S Gallo, MD, Martin A Berducci, MD, Alisa M Coker, MD, Moneer Almadani, MD, Hans F Fuchs, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

V035 THE MEDIAL APPROACH TO THE SPLENIC FLEXURE: Christopher M Schlachta, MD, Syed T Ali, MD; CSTAR, London Health Sciences Centre
Saturday, April 5, 2014

Concurrent Session SS16 Flexible Endoscopy

**Moderators:** Gary Vitale, MD & Bruce MacFadyen, Jr., MD

**S103 RADIOFREQUENCY ABLATION FOR BARRETT’S ASSOCIATED INTRAMUCOSAL CARCINOMA: A MULTI-CENTER FOLLOW-UP STUDY**
Adam C Strauss, MD, Agoston Agoston, MD, PhD, Parambir S Dulai, MD, Thadeus L Trus, MD, Amitabh Srivastava, MD, Richard I Rothstein, MD; Dartmouth Hitchcock Medical Center; Brigham and Women’s Hospital

**S104 COMPLICATIONS OF LAPAROSCOPIC TRANSGASTRIC ERCP IN PATIENTS WITH ROUX-EN-Y GASTRIC BYPASS**
Kevin L Grimes, MD, Kirpal Singh, MD, Maurice E Arreguii, MD; St. Vincent Hospital

**S105 EARLY HUMAN EXPERIENCE WITH PER-ORAL ENDOSCOPIC PYLOROMYOTOMY (POPE)**
Eran Shlomovitz, MD, Radu Pescarus, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, MD; Providence Portland Medical Center, The Oregon Clinic.

**S106 ENDOSCOPIC RESECTION FOR ESOPHAGEAL CARCINOMA: EXPERIENCE IN A LARGE ACADEMIC MEDICAL CENTER**
Justin T Huntington, MD, Jon P Walker, MD, Michael P Meara, MD, Jeffrey W Hazey, MD, Scott Melvin, MD, Kyle A Perry, MD; The Ohio State University Wexner Medical Center

**S107 TO STENT OR NOT TO STENT: OUTCOMES OF SELF-EXPANDING INTRALUMINAL STENTS IN FOREGUT SURGERY**
Hrishikesh Nerkar, MD, Anna Ibele, MD, Jon Gabrielsen, MD, William Strodel, MD, Anthony T Petrick, MD; Geisinger Medical Center, Dept of MIS and Bariatric Surgery

**S108 PERORAL ENDOSCOPIC MYOTOMY (POEM) LEADS TO SIMILAR RESULTS IN PATIENTS WITH AND WITHOUT PRIOR ENDOSCOPIC OR SURGICAL THERAPY**
Sean B Orenstein, MD, Siavash Raigani, BA, Yuhshin V Wu, MD, Eric M Pauli, MD, Melissa S Phillips, MD, Jeffrey L Ponsky, MD, Jeffrey M Marks, MD; Department of Surgery, University Hospitals Case Medical Center, Cleveland OH; Department of Surgery, Penn State Hershey Medical Center, Hershey PA; Department of Surgery, University of Tennessee, Knoxville, TN

**S109 OVER THE SCOPE CLIP (OTSC) PLACEMENT FOR PERFORATION, FISTULA AND ANASTOMOTIC LEAK CLOSURE**
P Umamaheswaran, MD, D Davila-Bradley, MD, A Bastawrous, MD, D Schembre, MD, R Aye, MD, B E Louie, MD; Swedish Medical Center

**S110 BARIATRIC POSTOPERATIVE FISTULA: A LIFE-SAVING ENDOSCOPIC PROCEDURE**
Giorgio Baretta, PhD, João Henrique Lima, PhD, Josemberg Campos, PhD, Manoel Galvão Neto, MSc; Vita Batel Hospital - Department of Bariatric Advanced Endoscopy

**V036 TRANSGASTRIC ENDO-ORGAN RESECTION OF PROXIMAL GASTRIC LESION**
Piyush Aggarwal, MD, Kulsoom Loeeq, MD, Angela Osmolak, MD, Tommy Lee, MD, Sumeet Mittal, MD; Creighton University Medical Center

**V037 THE NIGHTMARE OF THE GI SURGEON**
Radu Pescarus, MD, Ahmed Sharata, MD, Eran Shlomovitz, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, MD; Oregon clinic and Providence Portland Medical Center; Portland, Oregon
Concurrent Session SS17 Foregut

Moderators: C. Daniel Smith, MD & Alberto Montori, MD

S111 THE EFFECT OF DIFFERENTIAL PROXIMAL MYOTOMY LENGTH ON ESOPHAGOGASTRIC JUNCTION DISTENSIBILITY DURING HELLER MYOTOMY AND POEM Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Lubomyr Boris, BS, Frederic Nicodème, MD, Peter J Kahrilas, MD, John E Pandolfino, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

S112 PREDICTING OPERATIVE TECHNIQUES AND OUTCOMES IN LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR (PEHR) BY COMPUTED TOMOGRAPHY (CT) MEASUREMENTS Samuel W Ross, MD, MPH, Blair A Wormer, MD, Bindhu Oommen, MD, MPH, Mimi Kim, MD, John D Watkins, Amanda L Walters, MS, Vedra A Augenstein, MD, Brant T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

S113 INCREASED INCIDENCE OF DIAPHRAGMATIC HERNIATION AFTER MINIMALLY INVASIVE ESOPHAGECTOMY - INITIAL EXPERIENCE IN A UK SPECIALIST UNIT David E Messenger, MD, FRCS, Simon M Higgs, MD, FRCS, David F Hewin, MD, FRCS, Vipond N Mark, MD, FRCS, Hugh Barr, MD, FRCS, Simon J Dwerryhouse, MD, FRCS, Martin S Wadley, MD, FRCS; Worcestershire Royal Hospital, Worcester and Gloucestershire Royal Hospital, Gloucester, UK

S114 TRUNCAL VAGOTOMY WITHOUT DRAINAGE: ARE THERE LONG TERM CONCERNS? Matt B Martin, MD; Central Carolina Surgery, PA, Cone Health, Greensboro, NC

S115 ASSESSMENT AND REDUCTION OF DIAPHRAGMATIC TENSION DURING HIATAL HERNIA REPAIR Brian E Louie, MD, Daniel Davila Bradley, MD, Peter Baik, MD, Alexander S Farivar, MD, Ralph W Aye, MD; Swedish Cancer Institute and Medical Center

S116 TREATMENT OF FOREGUT FISTULAS WITH BIOLOGIC FISTULA PLUGS Rhys Filgate, Dr, Alan Thomas, Mr, Mohammed Ballal, Assoc Professor; School of Surgery, University of Western Australia

S117 LAPAROSCOPIC REVISION ANTI-REFLUX SURGERY FOR PRIOR FAILED TRANSORAL INCISIONLESS FUNDOPICATION IS SAFE – TECHNICAL DETAILS. Reginald Bell, MD; Kate Bell, NP, Carrie Morrison, PA, Ashwin A Kurian, MD; SurgOne Foregut Institute

V038 REMOVAL OF MAGNETIC LES AUGMENTATION DEVICE Cristina R Harnsberger, MD, Ryan C Broderick, MD, Martin A Berducci, MD, Catherine Beck, MD, Alberto S Gallo, MD, Moneer Almadani, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

V039 USING A FUNCTIONAL LUMEN IMAGING PROBE TO ASSESS THE EFFECT OF VARIABLE MYOTOMY LENGTH DURING POEM AND HELLER Ezra N Teitelbaum, MD, Nathaniel J Soper, MD, Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

V040 LAPAROSCOPIC NISSEN FUNDOPICATION AFTER TRANSORAL INCISIONLESS FUNDOPICATION (TIF) Oscar M Crespin, M, D, Brant K Oelschlager, M, D, Carlos A Pellegrini, M, D; University of Washington Medical Center
Saturday, April 5, 2014

Concurrent Session SS18 Metabolic/Obesity 2

Moderators: Marina Kurian, MD & Alberto Chousleb, MD

S118 THE EFFECT OF SMOKING ON OPEN AND LAPAROSCOPIC BARIATRIC OUTCOMES  
Ivy N Haskins, MD, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS; George Washington University Department of General Surgery

S119 MESENTERIC DEFECT CLOSURE IN LAPAROSCOPIC ROUX EN-Y GASTRIC BYPASS: A RANDOMIZED CONTROL TRIAL  
Ulysses Rosas, BA, Shusmita Ahmed, MD, Natalia Leva, BA, Trit Garg, BA, Michael Russo, MD, John M Morton, MD, MPH; Stanford University School of Medicine

S120 IS NEXT-DAY DISCHARGE FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS SAFE IN SELECT PATIENTS? ANALYSIS OF SHORT-TERM OUTCOMES  
Ahmad I Elnahas, MD, FRCSC, David R Urbach, MD, MSc, FRCSC, Allan Okrainec, MDCM, MHPE, FACS, FRCSC, Fayez Quereshy, MD, MBA, FRCSC, Timothy D Jackson, MD, MPH, FRCSC; Division of General Surgery, Department of Surgery, University Health Network, University of Toronto

S121 LAPAROSCOPIC ROUX-LIMB PLACEMENT FOR THE MANAGEMENT OF CHRONIC PROXIMAL FISTULAS AFTER SLEEVE GASTRECTOMY  
Simon van de Vrande, Jacques Himpens, PhD, Ramon Vilallonga, PhD; AZ Sint Blasius

S122 ALCOHOL METABOLISM IS NOT AFFECTED AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY: A NEW FINDING  
Martin A Berducci, MD, Sheetal Nijhawan, MD, Diego F Nino, Alberto S Gallo, MD, Eric Cramer, MS, Cristina R Harnsberger, MD, Ryan C Broderick, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; Division of Minimally Invasive Surgery, University of California, San Diego

S123 DOES LAPAROSCOPIC SLEEVE GASTRECTOMY HAVE ANY INFLUENCE ON GASTROESOPHAGEAL REFLUX DISEASE? PRELIMINARY RESULTS  
Veronica Gorodner, MD, Rudolf Buxhoeveden, MD, Gaston Clemente, MD, Laura Sole, MD, Luis Cara, MD, Alejandro Grigaites, MD; Programa de Unidades Bariatricas

S124 LAPAROSCOPIC SLEEVE GASTRECTOMY IN MORBIDLY OBESE CHILDREN BELOW 14 YEARS OF AGE  
Aayed R Alqahtani, MD, FRCSC, FACS, Mohamed O Elahmedi, MD; Obesity Chair, Department of Surgery, College of Medicine, King Saud University

S125 CHANGES IN BONE METABOLISM AFTER GASTRIC BYPASS  
Lawrence E Tabone, MD, Alexander Mor, MD, Anna Spagnoli, MD, Khoo Chin Meng, MD, Mike Muehlbauer, PhD, Alfonso Torquati, MD, MSCI; Duke University, University of North Carolina, National University of Health Systems Singapore

S126 CARDIOVASCULAR RISK IN OBESE AND DIABETIC PATIENTS IS SIGNIFICANTLY REDUCED ONE YEAR AFTER GASTRIC BYPASS COMPARED TO A ONE YEAR OF DIABETES SUPPORT AND EDUCATION  
Alessandro Mor, MD, Philip Omotosho, MD, Alfonso Torquati, MD; Department of Surgery, Duke University

V041 MANAGEMENT OF SEVERE STRicture AFTER SLEEVE GASTRECTOMY: CONVERSION TO BYPASS  
Raquel Gonzalez-Heredia, MD, PhD, Mario Masur, MD, Enrique Elli, MD, FACS; University of Illinois at Chicago
Concurrent Session SS19 Quick Shots 2

Moderators: Santiago Horgan, MD & Gustavo Carvalho, MD

S127 EARLY VERSUS DELAYED CHOLECYSTECTOMY FOLLOWING ENDOSCOPIC SPHINCTEROTOMY FOR MILD BILIARY PANCREATITIS Brett D Mador, BS, MD, O Neely M Panton, BS, FRCS, FACS, S Morad Hameed, MD, MPH, FRCS, FACS; University of British Columbia, Division of General Surgery

S128 PERIOPERATIVE OUTCOMES OF ROBOT-ASSISTED VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY Rena C Moon, MD, Derek Stephenson, MD, Andre F Teixeira, MD, Muhammad A Jawad, MD, FACS; Orlando Regional Medical Center

S129 PRELIMINARY EVALUATION OF THE PATTERN CUTTING AND THE LIGATING LOOP VIRTUAL LAPAROSCOPIC TRAINERS Amine Chellali, PhD, Woojin Ahn, PhD, Ganesh Sankaranarayanan, PhD, Jeff Flinn, MS, Steven D Schwartzberg, MD, Daniel B Jones, MD, Suvarn De, ScD, Caroline G. Y Cao, PhD; Cambridge Health Alliance, Harvard Medical School, Rensselaer Polytechnic Institute, Wright State University, Beth Israel Deaconess Medical Center

S130 A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL TO COMPARE SINGLE-PORT ENDO-LAPAROSCOPIC SURGERY VS CONVENTIONAL TEP INGUINAL HERNIA REPAIR Suihth I Wijerathne, MBBS, MRCS, Narendra Agarwal, MBBS, MS, Ahmad Ramzi, MD, Davide Lomanto, MD, PhD, FAMS; Minimally Invasive Surgical Centre, Department of Surgery; National University Health System, Singapore

S131 A META-ANALYSIS OF ROBOTIC VERSUS LAPAROSCOPIC GASTRECTOMY FOR GASTRIC CANCER Lim Chen, Prof, Hongqing Xi, Weisong Shen, Dr; Chinese People’s Liberation Army General Hospital

S132 A SINGLE INSTITUTION EXPERIENCE WITH 85 CONSECUTIVE ROBOTIC-ASSISTED PELVIC DISSECTIONS Jennifer E Hrabe, MD, Mary Charlton, PhD, John C Byrn, MD; University of Iowa

S133 PATIENT-CENTERED OUTCOMES FOLLOWING LAPAROSCOPIC VENTRAL HERNIA REPAIR: A SYSTEMATIC REVIEW OF THE CURRENT LITERATURE. Michael Sosin, MD, Keton M Patel, MD, Lucy Guerra, Maurice Y Nathebedian, MD, Parag Bhanot, MD; Georgetown University Hospital, Division of General Surgery

S134 LAPAROSCOPIC TREATMENT OF INCISIONAL AND PRIMARY VENTRAL HERNIA IN MORBIDLY OBESE PATIENTS WITH A BMI OVER 35 Ludovic Marx, MD, Mahery Raharimantantsoa, MD, Stefano Mandala, MD, Antonio D’Urso, MD, Michel Vix, MD, Didier Mutter, MD, PhD, FACS; University Hospital of Strasbourg, Department of Digestive and Endocrine Surgery; IRCAD; IHU Strasbourg

S135 POST-CHOLECYSTECTOMY ACUTE BILE DUCT INJURY: TWO DECADE EXPERIENCE FROM A TERTIARY HOSPITAL IN INDIA Joji Abraham A, Dr, V Kapoor, Professor, Anand Prakash, Dr, Dr Singh, Dr, Ak Gupta, Professor, Anu Behari, Dr, R Saxena, Professor; Sanjay Gandhi Post-Graduate Institute of Medical Sciences(SGPGIMS)

S136 CONVENTIONAL VS. ROBOTIC-ASSISTED LAPAROSCOPIC DISTAL GASTRECTOMY IN GASTRIC CANCER: A SYSTEMATIC REVIEW COMPARING THE OUTCOMES Andrew Raffaella, MBBS, MSC, Badria Al Araimi, Mrs, Bijendra Patel, MBBS, MS, FRCS; BARTS CANCER INSTITUTE

S137 A COMPARATIVE TRIAL OF LINX VERSUS LAP NISSEN: CAVETS FOR PATIENT SELECTION Eric G Sheu, MD, D Phil, Peter Nau, MD, Barbara Nath, MD, Braden Kuo, MD, David W Rattner, MD; Massachusetts General Hospital

S138 LONG TERM OUTCOMES OF RADILOGIC RECURRENCE AFTER PARAESOPHAGEAL HERNIA REPAIR WITH MESH Rachel A Jones, MD, Anton Simorov, MD, Carl J Tadaki, MD, Dmitry Oleynikov, MD; University of Nebraska Medical Center, Department of General Surgery

S139 LONG TERM RESULTS OF HYDATID DISEASE OF THE LIVER MANAGED USING PALANIVELU HYDATID SYSTEM C Palanivelu, MS, MCH, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, V P Nallankilli, MS, I Swathi, MS, S Sandeep, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

S140 COMPREHENSIVE ENHANCED RECOVERY PATHWAY SIGNIFICANTLY REDUCES POSTOPERATIVE LENGTH OF STAY AND NARCOTIC USAGE IN ELECTIVE LAPAROSCOPIC COLECTOMY Martin Alvarez, MD, Katherine Foley, MD, Steven A Fassler, MD, D M Zebley, MD, Soo Y Kim, MD; Department of Surgery, Abington Memorial Hospital

S141 COMPARATIVE ANALYSIS OF LAPAROSCOPIC AND ROBOT-ASSISTED SURGICAL TASK PERFORMANCE IN LAPAROSCOPIC NOVICES AND EXPERTS Ahmed M Zihni, MD, MPH, Jaime A Cavallio, MD, MPH, Jason Chiu, BA, Ikechukwu Ohu, BS, Sohyung Cho, PhD, L Michael Brun, MD, FACS, Michael M Awad, MD, PhD; Washington University in St Louis, Southern Illinois University Edwardsville

S142 APPLICATION OF FLUORESCENCE IN ROBOTIC GENERAL SURGERY: OUR EXPERIENCE Giuseppe Spinoglio, MD, Fabio Priaro, PhD, Alessandra Marano, MD, Giampaolo Formisano, MD, Andrea Pappalardo, MD, Francesca Pagliardi, MD; Department of General and Oncologic Surgery, SS Antonio e Biagio Hospital, Alessandria, Italy

S143 LYMHP NODE MAPPING AND SENTINEL LYMHP NODE BIOPSY WITH FLUORESCENCE IMAGING SYSTEM IN ROBOTIC COLORECTAL SURGERY Giuseppe Spinoglio, MD, Ferruccio Ravazzoni, PhD, Giampaolo Formisano, MD, Alessandra Marano, MD, Domenico Piscinieri, MD; Department of General and Oncologic Surgery, SS. Antonio e Biagio Hospital, Alessandria, Italy
S144 COMPARISON OF STRICTURE RATES USING THREE DIFFERENT GASTROJEJUNOSTOMY ANASTOMOTIC TECHNIQUES IN LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Azam Qureshi, MD, Mujahid Abbas, MD, Lindsay Cumella, BS, J J Choi, MD, P. Vemulapalli, MD, D. R Camacho, MD, Montefiore Medical center, Bronx, NY

S145 LAPAROSCOPIC GASTRECTOMY VERSUS OPEN GASTRECTOMY FOR GASTRIC CANCER IN PATIENTS WITH BODY MASS INDEX OF 30 KG/M2 OR MORE. Do Joong Park, MD, PhD, Sang-Yong Son, MD, Chang Min Lee, MD, Do-Hyun Jung, MD, Sang-Hoon Ahn, MD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital, Seongnam, Korea

S146 PERIOPERATIVE RISK AND COMPLICATIONS OF REVISIONAL BARIATRIC SURGERY COMPARED TO PRIMARY ROUX-EN-Y GASTRIC BYPASS Linda P Zhang, MD, Wen Hui Tan, MD, Ronald Chang, MD, Valerie Halpin, MD, J. Chris Eagon, MD; Department of Surgery and Section of Minimally Invasive Surgery, Washington University School of Medicine, St Louis, MO

S147 LAPAROSCOPIC CHOLEDOCHODUODENOSTOMY FOR TREATMENT OF BENIGN COMMON BILE DUCT STRICTURES N.y. Bayramov, Taryel I Omarov, N.a. Zeynalov; Azerbaijan Medical University, Baku, Azerbaijan

S148 VALIDATION OF AN ADVANCED LAPAROSCOPIC SKILLS CURRICULUM Dmitry Nepomnyashy, MD, James Whiteledge, Richard Birkett, MD, Ted Delmonico, MD, Neal Seymour, MD; Lahey Clinic, Baystate Medical Center

S149 20-YEARS LATER: LAPAROSCOPIC FUNDOPICATION DURABILITY Benjamin J Robinson, Christy M Dunst, MD, Kevin M Reavis, MD, Ahmed Sharata, MD, Lee L Swanstrom, MD; Gastrointestinal and Minimally Invasive Surgery Division, The Oregon Clinic

S150 INTRAOPERATIVE USE OF FLUORESCENT IMAGING WITH INDOCYANINE GREEN CHANGES MANAGEMENT OF ABDOMINAL WALL FLAPS DURING OPEN HERNIA REPAIR Jonathan Cho, MS, Audriene Sanchez, MS, Heidi Ryan, MD, Shawn Tsuda, MD, FACS; Department of Surgery, University of Nevada School of Medicine

S151 LAPAROSCOPIC VENTRAL HERNIA REPAIR WITH POLYESTER MESH: PRIMARY FASCIAL REPAIR WITH MESH VS. MESH ONLY Priya Jashi, BS, Farah Karipineni, MD, MPH, Afshin Parsikia, MD, Amit Jashi, MD, FACS; Jefferson Medical College, Philadelphia, PA & Einstein Healthcare Network, Philadelphia, PA

S152 PREOPERATIVE WARM-UP THE KEY TO IMPROVED RESIDENT TECHNIQUE Erin Moran-Atkin, MD, Ransom Wyse, MPH, CPH, Grace Chen, MD, Bethany Sacks, MD, Hien Nguyen, MD, Anne Lidor, MD, Thomas Magnuson, MD, Michael Schweitzer, MD, Kimberley Steele, MD, Johns Hopkins University School of Medicine

S153 LAPAROSCOPIC HERNIA REPAIR WITH ADDUCTOR TENOTOMY FOR ATHLETIC PUBALGIA: AN ESTABLISHED PROCEDURE FOR AN OBSCURE ENTITY Georgios Rossidis, MD, Andrew Perry, MD, Husain Abbas, MD, Isaac Motamarry, MD, Tamara Lux, PA, Kevin Farmer, MD, Michael Moser, MD, Jay Clugston, MD, Angel Caban, MD, Kfir Ben-David, MD; UNIVERSITY OF FLORIDA COLLEGE OF MEDICINE

S154 A LITTLE SLOWER, BUT JUST AS GOOD: RESIDENT OUTCOMES IN LAPAROSCOPIC VENTRAL HERNIA REPAIR BY POST-GRADUATE YEAR (PGY) Samuel W Ross, MD, MPH, Bindhu Oommen, MD, MPH, Joel F Bradley, MD, Mimi Kim, MD, Amanda L Walters, MS, John M Green, MD, Brant H Heniford, MD, Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

S155 A COMPARISON OF ROBOTIC SINGLE INCISION AND TRADITIONAL SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY Tariq Lescouflair, MD, Monica Gustafson, MD, Ibrahim Daoud, MD, FACS; Department of Minimally Invasive Surgery, St. Francis Hospital and Medical Center; Hartford, CT
Saturday, April 5, 2014

7:30 AM - 2:00 PM

SAGES Mini-Medical School Boot Camp

SAGES does not offer CME for this session

Session Chair: James C. Rosser Jr, MD;
Session Co-Chair: Raymond R. Price, MD

High School Rep/ Top Gun for Kids: Elliott Powers

Building on success of previous years, high school students from the Salt Lake City area and SAGES membership will have the opportunity to experience the wonderful world of medicine and minimally invasive surgery. With projected physician and surgeon shortages in the future, this program is timely and hopefully will promote early decisions to join our noble profession. The day is power packed with hands-on skill lab, tours of the Learning Center and Exhibit Hall and the Top Gun Interactive Experience. Both cognitive and skill competitions with awards and prizes will be offered. So do not delay in contacting SAGES for more information because space is limited.

The SAGES Mini Med School is designed to expose high school students to the field of Surgery through hands-on experience and simulation. Students will begin to appreciate that being in the OR is rewarding, important work, and fun. To maximize exposure, twenty-five real life surgeons/volunteers will mentor the students throughout the program (1:4 ratio).

The Mini Med School Experience is a power packed extravaganza that provides “fun with a purpose”. Students will get the opportunity to show that they have the “right stuff” to join the ranks of physicians and laparoscopic surgeons. From video games that help decrease errors, to robots, to FLS and Top Gun surgical simulation drills. Make sure you do not miss this one of its kind opportunity.

<table>
<thead>
<tr>
<th>Time</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Registration/Check-in</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Welcome &amp; Program Overview</td>
</tr>
<tr>
<td>8:30 AM</td>
<td>Hands-On Surgical Skill Development - Lab</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:45 AM</td>
<td>Exhibit Time- escorted tours of the Exhibit Hall and Learning Center</td>
</tr>
<tr>
<td>12:30 AM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 PM</td>
<td>The Interactive Experience - Classroom</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Evaluation, Prizes and Closing</td>
</tr>
</tbody>
</table>

SAGES acknowledges contributions in-kind in support of this activity from Ethicon and Karl Storz Endoscopy.

Program limited to 100 high school students. Letter of recommendation from a high school teacher is required.
2014 Learning Center

1. Top Gun
Coordinator: James “Butch” Rosser, MD
The Top Gun Laparoscopic Skill Shootout Station will allow participants of all levels of training to develop and improve their laparoscopic skills. The station will feature the validated “Rosser TOP GUN” skill development stations developed by Dr. Rosser and made famous at Yale. To date, over 6000 surgeons have participated around the world. Instructors will show tactics and techniques that will transfer readily into the clinical environment. In addition, participants will be completing for slots in the Top Gun Shoot Out that will crown one SAGES 2014 TOP GUN.

Objectives:
At the conclusion of this activity, the participant will be able to:
• Review the Rosser suturing algorithm
• Perform dexterity skills and suturing exercises using the “Rosser TOP GUN” training stations
• Compete with other surgeons in the Top Gun Shoot Out

2. Fundamentals of Laparoscopic Surgery™ (FLS), 2.0/VR Simulation
Coordinators: David McClusky, MD and Suvranu De, Sc.D.
Fundamentals of Laparoscopic Surgery™ is a joint program of SAGES and ACS which is now required for board certification of general surgery residents. It was designed to teach physiology, fundamental knowledge, and technical skills that are required for competency in laparoscopic surgery. This station will introduce participants to the FLS technical tasks, as well as innovative Virtual Reality simulator (VBLAST) which has been designed to replicate these tasks in a virtual environment. The web-based content of FLS 2.0 (updated recently with fresh material) will be available to participants as well.

Objectives:
At the conclusion of this activity participants will be able to:
• Describe the components of the FLS 2.0 program
• Explain the preoperative, intraoperative, and postoperative considerations fundamental to laparoscopic surgery
• Have exposure to the technical tasks involved
• Have exposure to the tasks in an innovative Virtual Reality environment

3. Fundamentals of Endoscopic Surgery™ (FES)
Coordinator: Jonathan Pearl, MD and E. Matthew Ritter, MD
Flexible Endoscopy continues to be an important component to a General Surgeons practice. Endoscopy requirements in residency training have increased over the past few years and simulation training will soon be a requirement. This station will showcase the newly developed Flexible Endoscopy training models. These models allow training in scope navigation, tissue targeting, retroflexion and loop reduction. The models are simple to make and can easily be adopted in a residency training curriculum. This station will also allow the user to utilize a virtual reality simulator for both upper and lower endoscopy.

Objectives:
At the conclusion of this activity, the participant will be able to:
• Practice valuable endoscopic skills in a reproducible model
• Perform various endoscopic tasks in a virtual reality simulator
• Evaluate the SAGES endoscopic curriculum

4. Fundamental Use of Surgical Energy™ (FUSE)
Coordinator: Pascal Fuchshuber, MD
SAGES has developed a curriculum to help with the understanding and safe use of energy devices in the operating room. This learning station will allow the user to review the science and safety behind monopolar, bipolar and ultrasonic energy devices.

Objectives:
At the conclusion of this activity, the participant should be able to:
• Describe the physics behind common energy devices in the operating room
• Demonstrate the safe use of these energy devices
• Evaluate the SAGES FUSE curriculum

5. Single Port Laparoscopic Surgery
Coordinator: David Renton, MD
Single Port Laparoscopic Surgery is an alternative to multiple port laparoscopic surgery. There are multiple methods to gain entry into the abdominal cavity and multiple techniques to perform the operations. At this station, the user will be able to use the multiple access ports commercially available. The user will also be able to use both height and articulating instruments to perform various tasks, including suturing on an inanimate trainer.

Objectives:
At the conclusion of this activity, the participant will be able to:
• Perform various laparoscopic tasks such as suturing and running bowel
• Compare Single Port surgery to traditional laparoscopic surgery
• Insert various types of Single Port Access devices

6. Hernia
* SPOTLIGHT ON HERNIA * Activity
Coordinator: Igor Belyansky, MD
Complex ventral hernias require an understanding of abdominal wall anatomy. The innervation of the muscles and the blood supply to the abdominal wall skin determine how a complex repair should be approached. This station will demonstrate using videos and an inanimate model how to approach complex abdominal wall hernias.

Objectives:
At the conclusion of this activity participants will be able to:
• Describe operative strategies pertinent to hernia surgery- inguinal hernia and ventral hernia will be addressed with examples given for difficult cases and operative approaches that may be chosen
• Describe operative strategies for bariatric surgery – including primary operations and revisions
• Describe operative strategies for foregut surgery – including primary operations and revisions

7. Laparoscopic Common Bile Duct Exploration
Coordinator: Eric Hungness, MD
Laparoscopic common bile duct exploration is a surgical technique that allows the common bile duct to be cleared of biliary stones without the need for open or endoscopic procedures. At this station participants will learn the available techniques used for laparoscopic bile duct exploration.

Objectives:
At the conclusion of this activity, the participant should be able to:
• Practice the techniques available for cannulating the common bile duct
• Practice various techniques for clearing the common bile duct of stones

8. Video Learning Station
Coordinator: Ankit Patel, MD
Video Learning is playing in increasing role in the education for surgeons. With increasing variety of procedures being done using minimally invasive techniques, there is increasing opportunity to use video for educational purposes. This station will be designed to provide topic specific education using videos in the SAGES archives. Top videos from the archives addressing the topics of Bariatric surgery, Foregut surgery, and Hernia surgery will be chosen and available to participants to learn operative techniques.

Objectives:
At the conclusion of this activity participants will be able to:
• Describe operative strategies pertinent to hernia surgery- inguinal hernia and ventral hernia will be addressed with examples given for difficult cases and operative approaches that may be chosen
• Describe operative strategies for bariatric surgery – including primary operations and revisions
• Describe operative strategies for foregut surgery – including primary operations and revisions

SAGES acknowledges an educational grant in support of this venue from Applied Medical.
SAGES acknowledges contributions in-kind in support of this venue from Applied Medical, ConMed, Cavidien, Encision, Ethicon, Karl Storz Endoscopy, Olympus, Simbionix and Stryker Endoscopy

www.sages2014.org | Twitter: @SAGES_Updates 101 Surgical Spring Week | SAGES 2014

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

Hours of Operation:
Thurs., April 3, 2014: 9:30 am - 4:00pm
Friday, April 4, 2014: 9:30am - 4:00pm
Sat. April 5, 2014: 10:00am - 12:30pm

Objectives:
At the conclusion of this activity, the participant should be able to:
• Describe the anatomy of the abdominal wall
• Describe and learn the steps involved with performing a minimally invasive external oblique component separation
• Practice mesh placement and securing techniques

2014 Learning Center

SAGES does not offer CME for this activity
Did you know that the American Board of Surgery requires 60 Category 1 CME Credits from a self assessment activity every 3 years for Maintenance of Certification (MOC)?

Get your self assessment credit from SAGES today:
- SAGES University (university.sages.org)
- SAGES Annual Meeting (www.sages2014.org)
- Fundamentals of Laparoscopic Surgery™ (http://www.flsprogram.org/)
- Fundamentals of Endoscopic Surgery (http://www.fesprogram.org/)
“SAGES has been the most meaningful part of my surgical life. I can’t imagine what I’d do without it.”

“SAGES brought together a group of energetic, bold, visionaries who had the guts to do things that hadn’t been done before and with that, they changed the history of the world and they changed surgery.”

“SAGES is the place that I come in my professional life to get excited, to get energized, and to work on projects that have real meaning and are going to come to fruition and have impact. And, it’s a place where I meet my friends and make meaningful professional connections.”

Join SAGES Today

See your membership pay for itself and beyond!

Join now and become eligible for the member rate at future meetings and enjoy the benefits of SAGES membership including:

› Cutting-edge education and professional development programs
› Networking with colleagues and experts in the field of gastrointestinal and endoscopic surgery
› Support for achievement in laparoscopic and endoscopic surgery
› Exposure to state of the art surgical technology and techniques
› Annual subscription to the Surgical Endoscopy Journal
› Member-only research awards and career development grants
› Substantial savings on meeting fees
› Leadership Opportunities
› … and so much more!

Visit www.sages.org/membership/benefits or call 310. 437.0544, ext. 156, to learn more.

SAGES Mission
Improve quality patient care through education, research, innovation and leadership, principally in gastrointestinal and endoscopic surgery.
| Resource/Program                  | Description                                                                                           | Members                                                           | Non-Members                                                                 |
|----------------------------------|--------------------------------------------------------------------------------------------------------|                                                                  |                                                                             |
| iMAGES                           | iMAGES provides access to vast library of digital images, photos and graphics.                         | Download images                                                  | View access only to low resolution image versions                            |
|                                  | SAGES TV is a central "searchable and fully navigational" depository for SAGES videos                   | Utilize images in Presentations                                  | View access only to video catalog                                              |
|                                  | S-Wiki is a surgical "Wikipedia" that has significant potential to become the most authoritative surgical reference on the web. | Edit Existing Articles                                           | Read only Access to Articles                                                  |
|                                  | These webinars have been developed specifically for residents and will feature expert panelist from SAGES. | Create New Articles                                              | Register and Participate in SAGES Resident Webinars for Free!                |
|                                  | SAGES Pages is a surgeon-to-surgeon social network that will has replaced the previous SAGES member area. | Register and Participate in SAGES Resident Webinars for Free!    |                                                                             |
|                                  | SAGES University facilitates online education content for Part 2 Self Assessment CME credit.            | Post enhanced member profiles                                    |                                                                             |
|                                  | S-MYCME is a central repository to track all SAGES awarded Part 2 Self Assessment CME credit.          | Build "Friendships" with members                                  |                                                                             |
|                                  | A complete list of all currently published SAGES Guidelines on the SAGES publication page.             | Messaging between members                                        |                                                                             |
|                                  | SAGES International Proctoring Courses are a vehicle for SAGES to "give back” to the world community by leveraging its leading educational and training activities to become a leader in bringing safe minimally invasive surgery to the developing world. | Participate Committees                                             |                                                                             |
|                                  | A checklist developed by SAGES and AORN to aid operating room personnel in the preparation of equipment and other duties unique to laparoscopic surgery cases. | Upload/Archive Documents                                         |                                                                             |
|                                  |                                                                                                      | Full Access to complete all SAGES U Courses and obtain Self Assessment CME Credit, applicable toward fulfilling Part 2 of the ABS MOC Program | View and track all SAGES related CME Credit obtained from SAGES U and Live events |
|                                  |                                                                                                      | On-line access to all SAGES Guidelines                           | On-line access to all SAGES Guidelines                                        |
|                                  |                                                                                                      | SAGES Members may volunteer to participate in SAGES Go Global Activities | On-line access to all SAGES Guidelines                                        |
|                                  |                                                                                                      | On-line access to all SAGES Guidelines                           |                                                                             |

For information how to become SAGES member go to www.sages.org/membership
<table>
<thead>
<tr>
<th>Resource/Program</th>
<th>Description</th>
<th>Members</th>
<th>Non-Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAGES Pearls Series</td>
<td>Step by Step</td>
<td>Available For Purchase.</td>
<td>Available For Purchase.</td>
</tr>
<tr>
<td></td>
<td>· Short Video Clips</td>
<td>Member Discount Available</td>
<td>Full Price</td>
</tr>
<tr>
<td></td>
<td>· Expert Narratives</td>
<td>For product details visit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>· Tips</td>
<td><a href="http://www.cine-med.com/sages">www.cine-med.com/sages</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>· Tricks</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>· Important Steps</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>This Collection contains the most common minimally invasive procedures performed by general surgeons, as determined by the SAGES Educational Resources Committee. SAGES Top 21 replaces the very popular SAGES Top 14 DVD, with all new videos and commentaries.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAGES Grand Rounds Master Series</td>
<td>offers video, slide presentations, discussion and in depth education.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The SAGES Educational Resources Committee has developed these patient information brochures to assist surgeons in preparing their patients for surgery. Given the variations in technique, SAGES has designed these handouts to describe the most commonly performed techniques.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>On-line based education module designed to teach physiology, fundamental knowledge &amp; technical skills.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Fundamentals of Endoscopic Surgery™ (FES) Program is a test of knowledge and skills in flexible gastrointestinal (GI) endoscopy. FES is the flexible endoscopy equivalent of the Fundamentals of Laparoscopic Surgery™ (FLS) Program developed by SAGES.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Will Soon Be Available For Purchase.</td>
<td>Standard Price</td>
<td>Standard Price</td>
</tr>
<tr>
<td></td>
<td>To order FLS, please visit <a href="http://www.flsprogram.org">www.flsprogram.org</a> or call 310-437-0544 x 137</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discount available for limited time only. To order FES please visit <a href="http://www.fesprogram.org">www.fesprogram.org</a> or call 310-437-0544x149</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Discount available for limited time only.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Coming Soon!</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>The Fundamental Use of Surgical Energy™ (FUSE) Program is an educational program/curriculum that will cover the use of energy in interventional procedure in the operating room and endoscopic procedure areas.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Will Soon Be Available For Purchase.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Standard Price</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Please visit <a href="http://www.fuseprogram.org">www.fuseprogram.org</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SAGES Social Programs

Welcome Reception – A Slew of Equipment Debuts in the Exhibit Hall!
Date: Wednesday, April 2
Time: 5:30 - 7:30 PM
Place: Exhibit Hall
Fee: No Fee for Registrants & registered guests
Dress: Business casual

Special promotions, presentations and entertainment. Great food!
Note: Children under the age of 14 will not be permitted in the Exhibit Hall due to safety considerations.

Mormon Tabernacle Choir
Date: Thursday, April 3
Time: 7:30PM - 9:30PM
Cost: Free

The world renowned Mormon Tabernacle Choir will be having an open rehearsal on Thursday evening, April 3rd. No tickets are required and attendance at the rehearsal is free. The rehearsal is on the Terrace Level of the Tabernacle Conference Center on Temple Square from 7:30pm to 9:30pm.

Barbara Marks Commemorative Breakfast
Date: Friday, April 4
Time: 7:00 - 8:30 AM
Place: Convention Center, Room 250
Cost: $25 or Comp to SAGES Guests (Ticketed event – Ticket included in guest registration)

Barbara Marks, our first “First Lady of Sages,” and wife of founder Gerald Marks, passed away at the end of 2013. This Breakfast honors her in two ways:

• We will honor her memory in an informal setting with some remarks from other SAGES “Spouses” Humor is expected!
• We bring together our guests who include SAGES family members, both old and new, to encourage them to become part of the SAGES family.

We hope this will become an annual event.

SAGES Meet the Leadership Reception for New SAGES Members Residents and Fellows
Date: Friday, April 4
Time: 6:00 - 7:00 PM
Place: The Depot
Dress: Casual

SAGES is a family that values its new members AND new surgeons. Residents, fellows and new members: join us to chat, drink & snack with SAGES leaders many of whom are world acclaimed innovators in MIS surgery. The consummate networking opportunity.
SAGES Invited Faculty List

Rajesh Aggarwal, MD, PhD, MA, FRCSE, University of Pennsylvania, Instructor in Surgery, Philadelphia, PA
Thomas A. Aloia, MD, UT MD Anderson Cancer Center, Associate Professor of Surgery; Houston, TX
Alonso Alvarez, MD, Clinica Hospital San Fernando, Panama City, Panama
Maurice E. Arregui, MD, St. Vincent Hospital, Director of Fellowship in Advanced GI surgery, Indianapolis, IN
Horacio J. Asbun, MD, Mayo Clinic Florida, Professor of Surgery - Chairman, General Surgery, Jacksonville, FL
Michael Magdi Avad, MD, Washington University in St. Louis School of Medicine, Program Director, General Surgery, St. Louis, MO
Ralph W. Aye, MD, Swedish Medical Center, Teaching Attending and Fellowship Director for Minimally Invasive Thoracic and Foregut Surgery, Seattle, WA
COL (Ret) Kenneth Azarow, MD, Oregon Health and Science University, Surgeon-in-Chief for Doernbecher Children’s Hospital, Portland, OR
Igor Belyansky, MD, Anne Arundel Medical Center, Director, Abdominal Wall Reconstruction, Annapolis, MD
George Berci, MD, FRCSEd(hon), Fr.Clin.Prof.of Surgery LAC-USC, Fr.Clin.Prof.of Surgery LAC-USC, Los Angeles, CA
Ramón Berguer, MD, CCRMC Dept. of Surgery, Martinez, CA
Marcos A. Berry, MD, Clinica Las Condes, Santiago, Chile
Desmond H. Birkett, MD, Lahey Hospital & Medical Center, Chair, Department of General Surgery, Burlington, MA
Steven P. Bowers, MD, Mayo Clinic, Florida, Associate Professor, Jacksonville, FL
Robert Joshua Bowles, MD, University of Miami-Miller School of Medicine / Division of Laparoscopic Surgery / Miami VA Hospital, Assistant Professor of Surgery, Miami, FL
Richard Boyd, BA, Simulation Century, Chapel Hill, NC
Stacy A. Brethauer, MD, Cleveland Clinic, Avon, OH
Joel Brill, MD, Predictive Health, LLC, Chief Medical Officer, Paradise Valley, AZ
L. Michael Brunt, MD, Washington University School of Medicine, Professor of Surgery, St Louis, MO
Jo Buyske, MD, American Board of Surgery, Associate Executive Director and Director of Evaluation, Philadelphia, PA
Mark P. Callery, MD, Harvard Medical School, Professor of Surgery, Boston, MA
Diego R. Camacho, MD, Albert Einstein College of Medicine, Assistant Professor, Bronx, NY
Josemberg Campos, MD, PhD, Federal University of Pernambuco, Recife, Brazil
Alfredo M. Carbonell, DO, University of South Carolina School of Medicine-Greenville, Chief, Minimal Access and Bariatric Surgery, Associate Professor of Surgery, Greenville, SC
Franco Carli, MD, McGill University, Montreal, QC, Canada
Gustavo L. Carvalho, MD, University of Pernambuco, Associate Professor of Surgery, Recife - PE, PE, Brazil
Leandro T. Cavazzola, MD, MSc, PhD, Universidade Federal do Rio Grande do Sul, Porto Alegre-RS, Brazil
LTC Christy Y. Chai, MD, San Antonio Military Medical Center / Uniformed Services University of the Health Sciences, Assistant Professor of Surgery, San Antonio, TX
Bradley Champagne, MD, Case Medical Center, Associate Professor, Cleveland, OH
Bipan Chand, MD, Loyola University, Associate Professor, Maywood , IL
George J. Chang, MD, U.T. M.D. Anderson Cancer Center, Associate Professor of Surgery, Houston, TX
LTC Yong U. Choi, MD, Uniformed Services University of the Health Sciences, Assistant Professor of Surgery, Fort Gordon, GA
Alberto Chousleb, MD, ABC Medical Center, Chief Experimental Surgery, Mexico City, Mexico
William S. Cobb, MD, Greenville Health System, Associate Professor of Clinical Surgery, Greenville, SC
Kyle Graham Colgone, MD, Keck School of Medicine of the University of Southern California, Assistant Professor of Surgery, Los Angeles, CA
Richard Dal Col, MD, Capital District Physicians’ Health Plan, Inc., VP/Senior Medical Director, Albany, NY
S. Scott Davis Jr, MD, Emory University, Associate Professor, Atlanta, GA
Suvranu De, ScD, Rensselaer Polytechnic Institute, Professor, Troy, NY
Conor P. Delaney, MD, PhD, Case Med Ctr/Univ Hps of Cleveland, Cleveland, OH
Nicolas Demartines, MD, University Hospital CHUV, Lausanne, Switzerland, Professor of Surgery and Chairman, Lausanne, Switzerland
Steven R. DeMeester, MD, U of So. California, Professor of Surgery, Los Angeles, CA
Sebastian Demyttenaere, MD, Saint Mary, Montreal, QC, Canada
George Denoto, MD, St. Francis Hospital in Roslyn, NY, Chief, Division of General Surgery, Manhasset, NY
Catherine DeVries, MD, University of Utah, Director of the Center for Global Surgery, Salt Lake City, UT
Daniel J. Deziel, MD, Rush University Medical Center, Helen Shedd Keith Professor and Chair, Department of General Surgery, Chicago, IL
Jose D. Diaz Jr, MD, University of Maryland Medical School / RAC Trauma Center, Laparoscopic Exploration for Penetrating Trauma, Baltimore, MD
Quan-Yang Duh, MD, University of California, San Francisco, Professor, San Francisco, CA
MAJ Duane Duke, MD, Walter Reed National Military Medical Center, Silver Spring, MD
Brian J. Dunkin, MD, Weill Cornell Medical College, Professor of Clinical Surgery, Houston, TX
Christy M. Dunst, MD, The Oregon Clinic-Division of Gastrointestinal & Minimally Invasive Surgery, Portland, OR
David Bryan Earle, MD, Tufts University School of Medicine, Associate Professor of Surgery, Springfield, MA
COL Brian Eastridge, MD, University of Texas Health Science Center at San Antonio, Professor, Department of Surgery, San Antonio, TX
Heidi Elliott, MD, University Hospitals Case Medical Center, Assistant Professor, Cleveland, OH
C. Neal Ellis, MD, VA Gulf Coast Veterans Health Care System, Chief of Surgical Services, Pittsburgh, PA
David Etzioni, MD, MSHS, Mayo Clinic College of Medicine, Associate Professor, Phoenix, AZ
Steve Eubanks, MD, Florida Hospital, Director of Academic Surgery, Orlando, FL
Robert D. Fanelli, MD, FASGE, The Guthrie Clinic, Ltd., Chief, Minimally Invasive Surgery and Endoscopic, Sayre, PA
Tim Farrell, MD, UNC-Chapel Hill, Professor of Surgery, Chapel Hill, NC
Liane S. Feldman, MD, UNC-Chapel Hill, Professor of Surgery, Montreal, QC, Canada
Alberto R. Ferreres, MD, PhD, University of Buenos Aires, Professor of Surgery, Buenos Aires, Argentina
Lorenzo E. Ferri, MD, McGill University, Associate Professor, Montreal, QC, Canada
Alessandro Fichera, MD, University of Washington Medical Center, Professor, Seattle, WA
SAGES Invited Faculty List

Abe L. Fingerhut, MD, College de Médecins de Paris, Professor, Poissy, France

Samuel R.G. Finlayson, MD, University of Utah School of Medicine, Professor and Chair, Department of Surgery, Salt Lake City, UT

Craig P. Fischer, MPH, Weill Cornell Medical College, Assoc. Professor of Surgery, Houston, TX

Piero Marco Fischella, MD, MBA, Loyola University Medical Center, Maywood, IL

Morris E. Franklin Jr, MD, Texas Endosurgery Institute, Director, San Antonio, TX

Gerald M. Fried, MD, McGill University Faculty of Medicine, Professor and Chairman, Department of Surgery, Montreal, QC, Canada

Karl H. Fuchs, MD, Goethe University Frankfurt, Professor, Frankfurt, Germany

Pascal R. Fuchshuber, MD, The Permanente Medical Group, California, Surgical Oncology, The Permanente Medical Group; Clinical Associate Professor of Surgery, UCSF, San Francisco, CA

Luke M Funk, MD, MPH, University of Wisconsin Hospital and Clinics, Associate Professor, Madison, WI

LTC Ronald A. Gagliano Jr., MD, Trilateral Army Medical Center, Chief, Colon and Rectal Surgery, Honolulu, HI

Manoel P Galvao Neto, MD, Gastro Oberservice, Sao Paulo, Brazil, Scientific Coordinator, Sao Paulo, Brazil

Daniel P. Geisler, MD, Colorectal Physicians & Surgeons of Pennsylvania, Program Director: Saint Vincent Colorectal Residency Program, Erie, PA

Keith Steven Gersin, MD, University of North Carolina, Clinical Professor of Surgery, Charlotte, NC

Ross Frederick Goldberg, MD, Maricopa Integrated Health System; University of Arizona College of Medicine - Phoenix, Chief of Surgery, Phoenix, AZ

Matthew I. Goldblatt, MD, Medical College of Wisconsin, Associate Professor, Milwaukee, WI

Jon C. Gould, MD, Medical College of Wisconsin, Associate Professor of Surgery, Milwaukee, WI

Frederick L. Greene, MD, University of North Carolina School of Medicine, Clinical Professor of Surgery, Charlotte, NC

John A. Hagen, MD, Humber River Regional Hospital, Toronto, ON, Canada

Dieter P. Hahnloser, MD, University Hospital, Professor, Lausanne, Switzerland

Sang-Uk Han, MD, PhD, Ajou University, Professor, Suwon, Gyeonggi-do, South Korea

Ho-Seong Han, MD, Seoul National University, Professor, Seoul, South Korea

Paul Daniel Hansen, MD, Oregon Clinic, Portland, OR

Kristi Lee Harold, MD, Mayo Clinic Arizona, Associate Professor of Surgery, Phoenix, AZ

Imran Hassan, MD, Springfield, IL

Robert H. Hawes, MD, University of Central Florida College of Medicine, Professor of Internal Medicine, Orlando, FL

Jeffrey W. Hazey, MD, The Ohio State University, Associate Professor of Surgery, Columbus, OH

B. Todd Heniford, MD, Carolinas Medical Center, Professor, Charlotte, NC

Daniel M. Herron, MD, Icahn School of Medicine at Mount Sinai, Professor of Surgery, New York, NY

Michael Hinni, MD, Mayo Clinic in Arizona, Professor of Otolaryngology - Mayo Clinic College of Medicine, Phoenix, AZ

Stefan D. Holubar, MD, Dartmouth-Hitchcock Medical Center, Assistant Professor of Surgery, Lebanon, NH

Michael D. Holzman, MD, MPH, Vanderbilt University, Lester & Sara Jayne Williams, Chair of Academic Surgery; Associate Professor of Surgery, Nashville, TN

Elizabeth Joy Honigsberg, MD, Bridgeport Hospital Yale New Haven Health System, Clinical Instructor, Scarsdale, NY

William W. Hope, MD, SEAHEC/UNC-Chapel Hill, Assistant Professor of Surgery, Wilmington, NC

Toshitaka Hoppo, MD, PhD, Institute for the Treatment of Esophageal & Thoracic Disease, Allegheny Health Network, General Surgeon, Pittsburgh, PA

Santiago Horgan, MD, University of California San Diego, Professor of Surgery, San Diego, CA

Karen D. Horvath, MD, University of Washington, Professor of Surgery, Residency Program Director, Associate Chair for Education, Seattle, WA

Tracy Hull, MD, The Cleveland Clinic Foundation, Cleveland, Ohio, Professor of Surgery, Cleveland, OH

Eric Steven Hungness, MD, Northwestern University, Associate Professor of Surgery, Chicago, IL

John Hunter, MD, Oregon Health & Science University, Mackenzie Professor and Chair, Dept. of Surgery, Portland, OR

Matthew M. Hutter, MD, MPH, Harvard Medical School, Associate Professor, Boston, MA

David A. Iannitti, MD, University of North Carolina, Chapel Hill, Clinical Professor of Surgery, Charlotte, NC

Haruhiro Inoue, MD, Digestive Disease Center, Showa University Northern Yokohama Hospital, Professor, Yokohama, Japan

Masaaki Ito, MD, PhD, National Cancer Center Hosp, Kashiwa, Japan

Gretchen Purcell Jackson, MD, Vanderbilt University, Assistant Professor of Surgery, Pediatrics, and Biomedical Informatics, Nashville, TN

Brian P. Jacob, MD, Mount Sinai Medical Center, Assoc Clin Prof of Surgery, New York, NY

Garth R. Jacobsen, MD, UCSD, Assistant Professor of Surgery, Rancho Santa Fe, CA

Rohan Jayarajah, MD, Methodist Dallas Medical Center, Director Surgical Oncology, Dallas, TX

Daniel Bougere Jones, MD, Harvard Medical School, Professor, Boston, MA

Aliyah Kanji, MD, FRCSC, Alberta Health Services, General, MIS and Bariatric Surgery, Columbus, OH

Sergey V. Kantesevoy, MD, University of Maryland School of Medicine, Clinical Professor of Medicine, Baltimore, MD

Kent W. Kercher, MD, Carolinas Medical Center, Clinical Professor of Surgery, Charlotte, NC

Herman Kessler, MD, Cleveland Clinic, Cleveland, OH

Leena Khaitan, MD, University Hospitals, Case Medical Center, Associate Professor of Surgery, Chardon, OH

Kosar A. Khwaja, MD, McGill University, MIS for Acute Care Surgeons, Montreal, QC, Canada

Young-Woo Kim, MD, Research Institute & Hospital, National Cancer Center, Chief of Department of Surgery, Kyonggi, South Korea

Seon-Han Kim, MD, Korea University College of Medicine, Professor of Surgery, Seoul, South Korea

Hyung-Ho Kim, MD, Department of Surgery, Seoul National University College of Medicine, Seoul, Korea/Department of Surgery, Seoul National University Bundang Hospital, Professor/Chairman, Seongnam, South Korea

Michael L. Kochman, MD, Perelman School of Medicine at the University of Pennsylvania, Wilmott Family Professor of Medicine, Philadelphia, PA

Geoffrey Paul Kohn, MD, MSc, FRACS, Melbourne Upper GI Surgical Group; Monash University’s Eastern Health Clinical School, Upper Gastrointestinal Surgeon, Melbourne, VIC, Australia
## SAGES Invited Faculty List

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mukta Krane, MD</td>
<td>University of Chicago Medicine, Chicago, IL</td>
</tr>
<tr>
<td>Sachin Suresh Kukreja, MD, UT</td>
<td>Southwestern / North Texas Veterans Affairs, Assistant Professor of Surgery, Dallas, TX</td>
</tr>
<tr>
<td>Marina Kurian, MD</td>
<td>NYU School of Medicine, Asst Professor of surgery, New York, NY</td>
</tr>
<tr>
<td>Antonio M. Lacy, MD</td>
<td>University of Barcelona, Professor of Surgery, Barcelona, Spain</td>
</tr>
<tr>
<td>Herbert Lerner, MD</td>
<td>Food and Drug Administration, Silver Spring, MD</td>
</tr>
<tr>
<td>Richard Levin, MD</td>
<td>The Arnold P. Gold Foundation, New York and McGill Universities, President and CEO, Emeritus Professor of Medicine, Englewood Cliffs, NJ</td>
</tr>
<tr>
<td>Anne O. Lidor, MD</td>
<td>Johns Hopkins University SOM, Associate Professor of Surgery, Baltimore, MD</td>
</tr>
<tr>
<td>LTC(P) Robert B. Lim, MD, Tripler Army Medical Center</td>
<td>Associate Professor of Surgery, Honolulu, HI</td>
</tr>
<tr>
<td>John G. Linn, MD</td>
<td>NorthShore University Health System, The University of Chicago, Clinical Assistant Professor, Department of Surgery, Evanston, IL</td>
</tr>
<tr>
<td>Olle Ljungqvist, MD, PhD</td>
<td>Örebro University Hospital, Professor of Surgery, Örebro, Sweden</td>
</tr>
<tr>
<td>Emanuele Lo Menzo, MD</td>
<td>Cleveland Clinic Florida, Associate Professor of Surgery, Weston, FL</td>
</tr>
<tr>
<td>Claudia Lorenzetti, MD</td>
<td>Brazil</td>
</tr>
<tr>
<td>Brian Louie, MD</td>
<td>Swedish Cancer Institute and Swedish Medical Center, Seattle, WA</td>
</tr>
<tr>
<td>Bruce V. MacFadyen Jr, MD, University of Texas Medical School Houston</td>
<td>Professor of Surgery, Houston, TX</td>
</tr>
<tr>
<td>Amin Madani, MD</td>
<td>McGill University, Montreal, QC, Canada</td>
</tr>
<tr>
<td>Martin Makary, MD, MPH</td>
<td>Johns Hopkins Hospital, Associate Professor, Baltimore, MD</td>
</tr>
<tr>
<td>Gerald Marks, MD</td>
<td>Lankenau Institute for Medical Research, Professor, Wynnewood, PA</td>
</tr>
<tr>
<td>Michael R. Marohn, MD</td>
<td>Johns Hopkins University School of Medicine, Associate Professor of Surgery, Baltimore, MD</td>
</tr>
<tr>
<td>COL Matthew Jeffrey Martin, MD</td>
<td>Madigan Army Medical Center, Trauma Medical Director, Olympia, WA</td>
</tr>
<tr>
<td>Jose M. Martinez, MD</td>
<td>University of Miami, Miller School of Medicine, Associate Professor of Surgery, Miami, FL</td>
</tr>
<tr>
<td>John Martinie, MD</td>
<td>Carolinas Medical Center, Associate Professor of Surgery, Charlotte, NC</td>
</tr>
<tr>
<td>Samer G. Mattar, MD</td>
<td>Oregon Health and Science University, Professor of Surgery, Portland, OR</td>
</tr>
<tr>
<td>Brent D. Matthews, MD</td>
<td>Carolinas Medical Center, Professor of Surgery, Charlotte, NC</td>
</tr>
<tr>
<td>David A. McClusky, MD</td>
<td>St. Luke's Wood River Medical Center, Ketchum, ID</td>
</tr>
<tr>
<td>Michael Francis McGee, MD</td>
<td>Northwestern University, Assistant Professor of Surgery, Tulsa, OK</td>
</tr>
<tr>
<td>Mabula Mchembe, MD, Dar-es-salaam, TZ</td>
<td>University of California, San Diego, Associate Professor of Surgery, La Jolla, CA</td>
</tr>
<tr>
<td>Elisabeth C. Mclemore, MD</td>
<td>University of California, Southern Illinois University, J. Roland False Endowed Chair in Surgery, Professor and Chair of General Surgery, Springfield, IL</td>
</tr>
<tr>
<td>Kelly McQueen, MD, MPH</td>
<td>Vanderbilt University, Nashville, TN</td>
</tr>
<tr>
<td>John D. Mellinger, MD</td>
<td>Southern Illinois University, J. Roland False Endowed Chair in Surgery, Professor and Chair of General Surgery, Bronx, NY</td>
</tr>
<tr>
<td>W. Scott Melvin, MD</td>
<td>Montefiore Medical Center - The Univ. Hospital for Albert Einstein College of Medicine, Professor of Surgery, Bronx, NY</td>
</tr>
<tr>
<td>Dean J. Mikami, MD</td>
<td>The Ohio State University, Associate Professor of Surgery, Columbus, OH</td>
</tr>
<tr>
<td>John R.T. Monson, MD</td>
<td>University of Rochester, Professor of Surgery, Rochester, NY</td>
</tr>
<tr>
<td>Alberto Montori, MD</td>
<td>University of Rome Sapienza, Rome, Italy</td>
</tr>
<tr>
<td>Eduardo Moreno-Paquentin, MD, ABC</td>
<td>Hospital, Tlaxala Santa Fe, Mexico</td>
</tr>
<tr>
<td>Mario Morino, MD</td>
<td>University Hospital of Torino, Torino, Italy</td>
</tr>
<tr>
<td>Malcolm G. Munro, MD</td>
<td>University of California, Los Angeles AND Kaiser Permanente, Los Angeles Medical Center, Professor, Los Angeles, CA</td>
</tr>
<tr>
<td>Kenric M. Murayama, MD</td>
<td>Temple University School of Medicine, Professor of Surgery (Adjunct), Abington, PA</td>
</tr>
<tr>
<td>Jamie Murphy, MD</td>
<td>National Centre for Bowel Research and Surgical Innovation, UK, London, UK</td>
</tr>
<tr>
<td>Matthew G. Mutch, MD</td>
<td>Washington University School of Medicine, Associate Professor of Surgery, St Louis, MO</td>
</tr>
<tr>
<td>Alex P. Nagle, MD</td>
<td>Northwestern University, Associate Professor of Surgery, Chicago, IL</td>
</tr>
<tr>
<td>Ninh Tuan Nguyen, MD</td>
<td>University of California Irvine Medical Center, Professor of Surgery, Orange, CA</td>
</tr>
<tr>
<td>Sabrena F. Noria, MD, PhD</td>
<td>The Ohio State University, Assistant Professor, Columbus, OH</td>
</tr>
<tr>
<td>Yuri Novitsky, MD</td>
<td>Case Western Reserve University, Associate Professor of Surgery, Cleveland, OH</td>
</tr>
<tr>
<td>Fiemu E. Nwariaiku, MD</td>
<td>UT Southwestern Med Ctr, Professor of Surgery and Associate Dean for Global Health, Dallas, TX</td>
</tr>
<tr>
<td>Allan E. Okrainec, MD</td>
<td>University of Toronto, Associate Professor, Toronto, ON, Canada</td>
</tr>
<tr>
<td>Dmitry Oleynikov, MD</td>
<td>Omaha, NE</td>
</tr>
<tr>
<td>Raymond P. Onders, MD</td>
<td>Case Western Reserve University, Professor of Surgery, Remen Chair in Surgical Innovation, Shaker Heights, OH</td>
</tr>
<tr>
<td>Sergelen Orgoi, MD, Health Sciences University of Mongolia, Chief of Surgery, Ulaanbaatar, Mongolia</td>
<td></td>
</tr>
<tr>
<td>John T. Paige, MD</td>
<td>LSU Health New Orleans School of Medicine, Associate Professor of Clinical Surgery, New Orleans, LA</td>
</tr>
<tr>
<td>Vanessa N. Palter, MD, PhD</td>
<td>University of Toronto, Toronto, ON, Canada</td>
</tr>
<tr>
<td>Juan Pablo Pantoja, MD</td>
<td>Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico DF, Mexico</td>
</tr>
<tr>
<td>John J. Park, MD</td>
<td>Anne Arundel Medical Center, Annapolis, MD</td>
</tr>
<tr>
<td>John J. Park, MD</td>
<td>Rosalind Franklin University of Medicine and Science, Associate Professor of Surgery, Park Ridge, IL</td>
</tr>
<tr>
<td>Ankil Dilip Patel, MD</td>
<td>Emory University, Assistant Professor of Surgery, Atlanta, GA</td>
</tr>
<tr>
<td>Marco G. Patti, MD</td>
<td>University of Chicago Pritzker School of Medicine, Chicago, IL</td>
</tr>
<tr>
<td>Eric Mark Pauli, MD</td>
<td>Penn State Hershey Medical Center, Assistant Professor of Surgery, Hershey, PA</td>
</tr>
<tr>
<td>Jonathan P. Pearl, MD</td>
<td>University of Maryland School of Medicine, Assistant Professor of Surgery, Baltimore, MD</td>
</tr>
</tbody>
</table>
SAGES Invited Faculty List

Juan Pekolj, MD, PhD, Hospital Italiano Buenos Aires Argentina, Buenos Aires, Argentina
Nicole Pena, MD
Joseph B. Petelin, MD, University of Kansas School of Medicine, Dept of Surgery, Clinical Associate Professor, Shawnee Mission, KS
Clayton Petro, MD, Case Western Reserve University, Cleveland, OH
Melissa Susan Phillips, MD, University of Tennessee, Assistant Professor, Knoxville, TN
Edward H. Phillips, MD, Cedars Sinai Health System, Professor of Surgery, Los Angeles, CA
Alessio Pigazzi, MD, University of California, Irvine, Associate Professor of Surgery, Orange, CA
Alfons Pomp, MD, Weill Medical College of Cornell University, Leon C. Hirsch Professor of Surgery, New York, NY
Jaime Ponce, MD, Dalton, GA
Jeffrey L. Ponsky, MD, Case Western Reserve University, Professor and Chairman, Department of Surgery, Moreland Hill, OH
COL (Ret) Walter Pories, MD, Director, Bariatric Surgery Research Group, East Carolina University, Professor of Surgery, Biochemistry, Sport and Exercise Science, Greenville, NC
Benjamin K. Poulse, MD, MPH, Vanderbilt University Medical Center, Nashville, TN
Ajita Prabhu, MD, University Hospitals Case Medical Center, Assistant Professor of Surgery, Cleveland, OH
Raymond R. Price, MD, University of Utah, Adjunct Associate Professor of Surgery, Associate Director Center for Global Surgery, Murray, UT
Aurora Dawn Pryor, MD, Stony Brook Medicine Department of Surgery, Professor of Surgery, Stony Brook, NY
Carla Marie Pugh, MD, PhD, University of Wisconsin, Associate Professor of Surgery, Madison, WI
Sonia L. Ramamoorthy, MD, UC San Diego Medical Ctr., Associate Professor of Surgery, La Jolla, CA
Bruce J. Ramshaw, MD, Transformative Care Institute, Founder and Chairman, Daytona Beach, FL
David W. Rattner, MD, Harvard Medical School, Professor of Surgery, Boston, MA
Kevin M. Reavis, MD, The Oregon Clinic, Esophageal, Foregut and Bariatric Surgeon, Portland, OR
Jay A. Redan, MD, University of Central Florida, Associate Professor of Surgery, Celebration, FL
David B. Renton, MD, The Ohio States University, Assistant Professor, Columbus, OH
William O. Richards, MD, University of South Alabama College of Medicine, Professor and Chair, Mobile, AL
William S. Richardson, MD, Ochsner Clinic, New Orleans, LA
E. Matthew Ritter, MD, Uniformed Services University / Walter Reed National Military Medical Center, Vice Chairman for Education / Associate Professor of Surgery, Bethesda, MD
Homero Rivas, MD, Stanford University, Assistant Professor of Surgery, Director of Innovative Surgery, Stanford, CA
Kurt E. Roberts, MD, Yale School of Medicine, Associate Professor, New Haven, CT
Thomas N. Robinson, MD, MS, University of Colorado, Associate Professor, Surgery, Denver, CO
CDR Carlos J Rodriguez, MD, Walter Reed National Military Medical Center, Wheaton, MD
Michael J. Rosen, MD, Case Medical Center, Professor of Surgery, Cleveland, OH
Raul J. Rosenthal, MD, FASMS, Cleveland Clinic Florida, Chairman, Department of General Surgery, Weston, FL
Sharona B. Ross, MD, Florida Hospital, Orlando, FL
James C. Rosser Jr, MD, Nicholson Center for Surgical Advancement, Celebration, FL
John Scott Roth, MD, University of Kentucky, Professor of Surgery; Director Minimally Invasive Surgery; Chief, Gastrointestinal Surgery, Lexington, KY
COL Robert M. Rush, MD, Madigan Army Medical Center, USUHS, U of Washington, Associate Professor of Surgery, Tacoma, WA
Yutaka Saito, MD, National Cancer Center Hospital, Tokyo, Japan
Gustavo Salinas, MD, Clinico de Dia Avendano, Bariatric Surgeon, Lima, Peru
Barry A. Saliky, MD, Mount Sinai School of Medicine, Professor of Surgery; Division of Laparoscopic Surgery, New York, NY
Ganesh Sankaranarayanan, PhD, Rensselaer Polytechnic Institute, Research Assistant Professor, Cohoes, NY
Fernando Santos, MD, Dartmouth Hitchcock Medical Center, Minimally Invasive Surgery Fellow, East Thetford, VT
Juan M. Sarmento, MD, Emory University, Associate Professor of Surgery, Atlanta, GA
Richard M. Satava, MD, University of Washington Medical Center, Professor Emeritus of Surgery, PEBBLE BEACH, CA
Bruce D. Schirmer, MD, University of Virginia Health System, Stephen H. Watts Professor of Surgery, Charlottesville, VA
Christopher M. Schlachta, MD, Schulich School of Medicine and Dentistry, Western University, Professor, Departments of Surgery and Oncology, London, ON, Canada
Steve Schomisch, PhD, Case Western Reserve University, Cleveland, OH
Steven D. Schwartzberg, MD, Harvard Medical School, Associate Professor of Surgery, Cambridge, MA
Daniel J. Scott, MD, UT Southwestern Medical Center, Dallas, TX
Anthony J. Senagore, MD, Central Michigan University, College of Medicine, Chair and Professor of Surgery, Saginaw, MI
Neal E. Seymour, MD, Tufts University, Professor, Springfield, MA
Phillip P. Shadduck, MD, Duke University, Assistant Consulting Professor, Durham, NC
Paresh C. Shah, MD, NYU, Vice Chair of Surgery for Quality and Innovation, Director of General Surgery, New York, NY
Eran Shlomovitz, MD, Thornhill, ON, Canada
COL Craig D Shriver, MD, Walter Reed NMMC, Chief, General Surgery Service, Bethesda, MD
Samuel Shuchleib, MD, National University UNAM, Professor of Surgery, Executive Director FELAC, Mexico City, Mexico
Lelan F. Sillim, MD, MS(Ed), Lahey Clinic; Tufts University School of Medicine, Professor of Surgery, Burlington, MA
Elliott Silverman, PA-C, USU - Walter Reed Military Medical Simulation Center, Director - Assistant Professor of Surgery, Bethesda, MD
Ronald Sing, MD, Carolinas Medical Center, Professor of Surgery, Charlotte, NC
Brian R. Smith, MD, University of Southern California Irvine Medical Center, Assistant Professor of Surgery, Long Beach, CA
LTC Richard R. Smith, MD, Tripler Army Medical Center, Chief of Surgical Oncology, Honolulu, HI
C. Daniel Smith, MD, Mayo School of Medicine, Professor of Surgery, Jacksonville, FL
Nathaniel J. Soper, MD, Northwestern University / Feinberg School of Medicine, Loyal and Edith Davis Professor and Chair of Surgery, Chicago, IL
Konstantinos Spaniolas, MD, East Carolina University, Assistant Professor of Surgery, Greenville, NC
SAGES Invited Faculty List

Stuart Jon Spechler, MD, UT
Southwestern Medical Center at Dallas,
Chief, Division of Gastroenterology, VA
North Texas Healthcare System; Professor of
Medicine, Berta M. and Cecil O. Patterson
Chair in Gastroenterology, Dallas, TX

Steven C. Stain, MD, Albany Medical
College, Professor and Chair, Albany, NY

Stavros Stavropoulos, MD, Mineola, NY

LTC Scott Russell Steele, MD, University
of Washington, Clinical Associate Professor
of Surgery, Fort Lewis, WA

Dimitrios Stefanidis, MD, PhD,
Carolina Healthcare System, Associate
Professor of Surgery, Charlotte, NC

Bruce C. Steffes, MD, Pan African
Academy of Christian Surgeons, Executive
Director, Linden, NC

Sharon L. Stein, MD, University Hsps/
Case Western Med Ctr, Cleveland, OH

Greg V. Stiegmann, MD, University of
Colorado School of Medicine, John H. and
Cynthia H. Schultz Professor of Surgery,
Aurora, CO

Steven Strasberg, MD, Washington
University in Saint Louis, Prueft Professor of
Surgery, St Louis, MO

Kazuki Sumiyama, MD, Jikei University
School of Medicine, Tokyo, Japan

Lee L. Swanstrom, MD, Oregon Health
Sciences University, Clinical Professor of
Surgery, Portland, OR

Patricia Sylla, MD, Harvard University,
Assistant Professor of Surgery, Boston, MA

Samuel Szomstein, MD, Florida
International University, Clinical Associate
Professor of Surgery, Weston, FL

Mark A. Talamini, MD, Stony Brook
Medicine, Professor and Chairman,
Department of Surgery, Stony Brook, NY

Eduardo Targarona, MD, Autonomous
University of Barcelona, Professor of
Surgery, Barcelona, Spain

Nabil Tariq, MD, Methodist Hospital,
Houston, TX

John Tarpley, MD, Vanderbilt University
Medical Center, Nashville, TN

Ali Tavakkoli, MD, Harvard Medical
School, Assistant Professor of Surgery,
Boston, MA

Ezra Nathaniel Teitelbaum, MD,
Northwestern University, Surgery Research
Fellow, Chicago, IL

Julie K. Thacker, MD, Duke University,
Durham, NC

Christopher C Thompson, MD, Harvard
Medical School, Assistant Professor of
Medicine, Boston, MA

Thadeus L. Trus, MD, Dartmouth-Hitchcock
Medical Center, Associate Professor of
Surgery, Lebanon, NH

Dimitrios Tsakayannis, MD, PhD,
Hygeia Hospital, Psychiko, Greece

Tehermon E. Udwadia, MD, Hinduja
National Hospital & Research Center
Mumbai, Emeritus Professor of Surgery,
Head Dept. of M.A.S., Bombay, India

Michael B. Ujiki, MD, University of
Chicago, Clinical Assistant Professor of
Surgery, Evanston, IL

David R. Urbach, MD, University of
Toronto, Professor of Surgery and Health
Policy, Management and Evaluation,
Toronto, ON, Canada

David S. Utley, MD, Covidien GI
Solutions, Chief Medical Officer, Sunnyvale,
CA

Oliver A. Varban, MD, University of
Michigan, Ann Arbor, MI

Melina C. Vassiliou, MD, McGill
University Health Centre, Assistant Professor of
Surgery, Montreal, QC, Canada

Khashayar Vaziri, MD, George
Washington University, Associate Professor of
Surgery, Washington, DC

Richard M. Vazquez, MD, Northwestern
Memorial Hospital, Chicago, IL

Victor Velanovich, MD, University of South
Florida, Professor of Surgery, Tampa, FL

Pratibha Vemulpalli, MD, Montefiore
Medical Center, Director of Bariatric
Surgery, New York, NY

Gary C. Vitale, MD, University of
Louisville, Professor of Surgery, Louisville,
KY

Guy R. Voeller, MD, University of
Tennessee, Professor of Surgery,
Germantown, TN

Eric Terril Volckmann, MD, University of
Utah, Assistant Professor, Director of
Bariatric Surgery, Salt Lake City, UT

Danielle S Walsh, MD, East Carolina
University, Associate Professor, Greenville,
NC

R. Matthew Walsh, MD, Lerner College of
Medicine at CWRU, Professor and
Chairman, Cleveland, OH

Debbie Watson, RN, McGill University,
Montreal, QC, Canada

Mark J. Watson, MD, UT Southwestern
Dallas, Professor, Dallas, TX

Eric Glenn Weiss, MD, Cleveland Clinic
Florida, Director, Education Center,
Professor and Staff Colorectal Surgeon,
Weston, FL

Donald E. Wenner, MD, Lovelace
Regional Hospital, Roswell, NM

Steven D. Wexner, MD, Florida Atlantic
University/ Florida Atlantic University,
Affiliate Professor of Surgery/ Clinical
Professor of Surgery, Weston, FL

Richard Larry Whelan, MD, Columbia
University, Professor of Surgery, New York,
NY

Mark H. Whiteford, MD, The Oregon
Clinic, Providence Cancer Center., Director,
Colon and Rectal Surgery, Portland, OR

Dafydd (Dave) Rhys Williams, MD,
Southlake Regional Health Centre, President
& CEO, Newmarket, ON, Canada

Erik B. Wilson, MD, UTHealth - Medical
School, Professor of Surgery, Houston, TX

Gordon G. Wisbach, MD, Uniformed
Services University of the Health Sciences,
Assistant Professor of Surgery, San Diego,
CA

LCDR Tamara J Worlton, MD, Walter
Reed NMMC, Silver Spring, MD

Andrew S. Wright, MD, University of
Washington, Associate Professor, Seattle,
WA

Yuhsin Victoria Wu, MD, University of
Missouri, Assistant Professor, Cleveland
Heights, OH

Manabu Yamamoto, MD, Adachi Kyoosai
Hospital, Tokyo, Japan

Y. Nancy You, MD, University of Texas
MD Anderson Cancer Center, Assistant
Professor, Houston, TX

Tonia M. Young-Fadok, MD, Mayo
Clinic, Professor of Surgery, Phoenix, AZ

Linda P. Zhang, MD, Mount Sinai School of
Medicine, North Baldwin, NY

Amittal Ziv, MD, MHA, Sheba Medical
Center, Deputy Director and Director, MSR -
Israel Center for Medical Simulation, Ramat
Gan, Israel

Brian Zuckerbraun, MD, University of
Pittsburgh and VA-Pittsburgh Healthcare
System, Henry T. Bahnson Associate
Professor of Surgery, Pittsburgh, PA

Natan Zundel, MD, FIU Herbert Wertheim
College of Medicine, Miami Beach, FL
The following presenters, faculty, abstract reviewers, SAGES Board of Governors, Program, Continuing Education and Conflict of Interest Task Force Committees do not have any relevant financial relationships or significant commercial interests associated with their participation at the 2014 SAGES meeting. If name is not listed below, please refer to the following pages.

SAGES Faculty and Presenter Disclosures
The following presenters, faculty, abstract reviewers, SAGES Board of Governors, Program Committee members, Continuing Education Committee members and Conflict of Interest Task Force members have disclosed the listed financial relationships with commercial interests associated with their participation at the 2014 SAGES meeting.

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Matthew R. Albert</strong></td>
<td>Applied Medical</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>LifeCell</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td><strong>Igor Belyansky</strong></td>
<td>LifeCell</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>George Berci</strong></td>
<td>Storz Company</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Ramon Berguer</strong></td>
<td>LifeGuard Surgical Systems</td>
<td>Ownership Interest</td>
<td>Management Position</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Mariana Berho</strong></td>
<td>Lifeband</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>NovoGi</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Marcos A. Berry</strong></td>
<td>COVIDIEN</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Daniel W. Birch</strong></td>
<td>Bard</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Bristol Myers</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Program grant</td>
<td>Educational grant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>J&amp;J/EES</td>
<td>Program support</td>
<td>Educational grant</td>
<td>Reviewer</td>
</tr>
<tr>
<td><strong>Desmond H. Birkett</strong></td>
<td>Endodynamics, Inc</td>
<td>No fees or salary</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Medical surgical Technologies Ltd</td>
<td>No fees or salary</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Microlíne Surgical, Inc</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>James G. Bittner</strong></td>
<td>Cook Medical</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Davol</td>
<td>Research</td>
<td>Principal Investigator</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Enteromedics</td>
<td>Research</td>
<td>Principal Investigator</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td><strong>Richard Boyd</strong></td>
<td>Lockheed Martin</td>
<td>Salary</td>
<td>Management Position</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Stacy A. Brethauer</strong></td>
<td>Covidiien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endo-Surgery</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Joel Brill</strong></td>
<td>Early Bird Alert</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>EndoChoice</td>
<td>Ownership Interest</td>
<td>none</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Given Imaging</td>
<td>Ownership Interest</td>
<td>none</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Fredrick J. Brody</strong></td>
<td>Covidiien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Medtronic</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Nutricia North America</td>
<td>Royalty</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Omnimed</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Transenterix</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>Jo Buyske</strong></td>
<td>American Board of Surgery</td>
<td>Salary</td>
<td>Employment</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td><strong>Diego R. Camacho</strong></td>
<td>Covidiien</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>Alfredo M. Carbonell</strong></td>
<td>Ethicon Inc.</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>W.L. Gore and Associates</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>W.L. Gore and Associates</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Gustavo L. Carvalho</strong></td>
<td>Karl Storz</td>
<td>No compensation - new line of low friction trocar is named CARVALHO Trocar.</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>SILUMED</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Leandro T. Cavazzola</strong></td>
<td>Covidiien, Johnson &amp; Johnson, Bard</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Name</td>
<td>Commercial Interest</td>
<td>What was received</td>
<td>For what role</td>
<td>Meeting Responsibility</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------</td>
<td>------------------------</td>
<td>---------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Bradley Champagne</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Bipan Chand</td>
<td>Apollo Endosurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Consulting Fee</td>
<td>Advisory</td>
<td>Committee</td>
</tr>
<tr>
<td>William S. Cobb</td>
<td>Covidien</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon, Inc.</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Giovanni Dapri</td>
<td>Karl Storz-Endoskope, Tuttingen, Germany</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Conor P. Delaney</td>
<td>Cadence Pharmaceuticals</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Edwards Lifesciences</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>License fee</td>
<td>Patent (anoscope)</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Polyganics</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Socrates Analytics</td>
<td>IP Rights</td>
<td>Founder, inventor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Tranzyme</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Steven R. DeMeester</td>
<td>Bard</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Bard</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Bard</td>
<td>Research</td>
<td>PI on project</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>C2 Therapeutics</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Novadaq</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Brian J. Dunkin</td>
<td>Boston Scientific</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>David Bryan Earle</td>
<td>Atrium Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Bard</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Endosphere</td>
<td>Ownership Interest</td>
<td>Advisory</td>
<td>Committee</td>
</tr>
<tr>
<td></td>
<td>Foundation for Surgical Fellowships</td>
<td>Grant Support</td>
<td>MIS Fellowship Director</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Kensey-Nash</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>RTI Surgical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Surgiquest</td>
<td>Honoraria</td>
<td>Advisory</td>
<td>Committee</td>
</tr>
<tr>
<td></td>
<td>Via Surgical</td>
<td>Ownership Interest</td>
<td>Advisory</td>
<td>Committee</td>
</tr>
<tr>
<td>C. Neal Ellis</td>
<td>Cook Surgical Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Matt Fahy*</td>
<td>Cook Surgical Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus Surgical Technologies America</td>
<td>Salary</td>
<td>Management Position</td>
<td>Faculty</td>
</tr>
<tr>
<td>Robert D. Fanelli</td>
<td>Cook Surgical, Inc</td>
<td>Royalty</td>
<td>Independent Contractor</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>EndogastricSolutions</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>New Wave Surgical Corp.</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>New Wave Surgical Corp.</td>
<td>Ownership Interest</td>
<td>Board Member</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Tim Farrell</td>
<td>Best Doctors</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>New Wave Surgical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Teleflex Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Nicole M. Fearing</td>
<td>Applied Medical</td>
<td>Lab Equipment</td>
<td>Research</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Lab Equipment</td>
<td>Research</td>
<td>Planning Committee/Reviewer</td>
</tr>
</tbody>
</table>
### SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liane S. Feldman</td>
<td>ConMed</td>
<td>Unrestricted Educational Grant</td>
<td>Developer of educational program in electrosurgery</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Center of Excellence Grant</td>
<td>co_PI</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon Canada</td>
<td>Research</td>
<td>Investigator-initiated research</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Edward L. Felix</td>
<td>Cardica</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td>Abe L. Fingerhut</td>
<td>NovoGi</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Lauren J. Fischer</td>
<td>Ethicon Endosurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td>Morris E. Franklin Jr</td>
<td>Aesculap</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Atrium</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Cook</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>KCI</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>W.L. Gore</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td>Gerald M. Fried</td>
<td>CAE Healthcare</td>
<td>No Compensation</td>
<td>Son works for CAE Healthcare in surgical training and simulation</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Fellowship and research support</td>
<td>Department Chair</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Research</td>
<td>Principle investigator for investigator initiated research, supported by industry</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Karl H. Fuchs</td>
<td>Olympus</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Luke M Funk</td>
<td>Bard Medical</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Manoel P Galvao Neto</td>
<td>ALACER Biomedica</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Apollo EndoSurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Endostim</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon EndoSurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>GI Dynamics</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td>Keith Steven Gersin</td>
<td>Cadence Pharma</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>GI Dynamics Inc</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>GI Dynamics Inc</td>
<td>Salary</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>W.L. Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Matthew I. Goldblatt</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Davol</td>
<td>Research</td>
<td>Investigator in industry sponsored study</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Research</td>
<td>Investigator in industry sponsored study</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Jacob Andrew Greenberg</td>
<td>Bard Davol</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Bard-Davol</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td>John A. Hagen</td>
<td>J&amp;J, Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Randy S. Haluck</td>
<td>Micromechatronics Inc.</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Synthes</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Robert H. Hawes</td>
<td>Apollo Endosurgery</td>
<td>Ownership Interest</td>
<td>If the company is purchased or there is an IPO - will receive stocks as a founding member</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Boston Scientific</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Cook</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Cook Endoscopy</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
## SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>B. Todd Heniford</td>
<td>Ethicon, Inc.</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Lifecell</td>
<td>Research</td>
<td>Independent Contractor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Synovis</td>
<td>Research</td>
<td>Independent Contractor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Research Grant</td>
<td>Research Grant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Daniel M. Herron</td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>William W. Hope</td>
<td>Bard/Davol</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Research</td>
<td>Take part in international hernia mesh registry trial</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Santiago Horgan</td>
<td>Apollo</td>
<td>Stock</td>
<td>Stock Holder</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Eon Surgical</td>
<td>Stock</td>
<td>Stock Holder</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endo Surgery</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>USGI</td>
<td>Stock</td>
<td>Stock Holder</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Valentx</td>
<td>Stock</td>
<td>Stock Holder</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Virtual Ports</td>
<td>Stock</td>
<td>Stock Holder</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>John Hunter</td>
<td>Endogastric Solutions</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Springer Inc.</td>
<td>Honoraria</td>
<td>Editor-in-Chief, World Journal of Surgery</td>
<td>Faculty</td>
</tr>
<tr>
<td>David A. Iannitti</td>
<td>Covidien</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Haruhiro Inoue</td>
<td>Boston</td>
<td>Research grant to our department</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>travel expenses</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Brian P. Jacob</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Via Surgical</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td>Garth R. Jacobsen</td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>WL. Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Daniel Bougere Jones</td>
<td>Allurion</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Cine-Med</td>
<td>Royalty</td>
<td>Book royalties</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Kent W. Kercher</td>
<td>Bard</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Michael L. Kochman</td>
<td>BSC</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Cook</td>
<td>IP Rights</td>
<td>Patents sold, 2011</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Dark Canyon Labs</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Shanu N. Kothari</td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Torax</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Matthew D. Kroh</td>
<td>Cook</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Teledx Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Marina Kurian</td>
<td>Allergan</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Allergan</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Timothy S. Kuvada</td>
<td>Davol</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td>James N. Lau</td>
<td>Lap IQ</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Mirel Surgical</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Reviewer</td>
</tr>
</tbody>
</table>
## SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert B. Lim</td>
<td>UptoDate</td>
<td>Royalty, Honoraria</td>
<td>Independent contractor</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>John G. Linn</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Support coordinator for prospective study</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Olle Ljungqvist</td>
<td>Danone Research</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Encore AB</td>
<td>Ownership Interest</td>
<td>Board Member</td>
<td>Faculty</td>
</tr>
<tr>
<td>Brian Louie</td>
<td>Torax Medical</td>
<td>Not received any monetary funds or other compensation</td>
<td>Medical &amp; Research Advisory Board</td>
<td>Faculty</td>
</tr>
<tr>
<td>Amin Madani</td>
<td>ConMed Canada</td>
<td>Unrestricted Educational Grant</td>
<td>Member of academic research group</td>
<td>Faculty</td>
</tr>
<tr>
<td>Martin A. Makary</td>
<td>Bloomsbury US</td>
<td>Royalty</td>
<td>Book “Unaccountable”</td>
<td>Faculty/Presenter</td>
</tr>
<tr>
<td></td>
<td>Lippincott</td>
<td>Royalty</td>
<td>Book “Surgery Review”</td>
<td>Faculty/Presenter</td>
</tr>
<tr>
<td>Gregory J. Mancini</td>
<td>Bard Davol</td>
<td>Research</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Consulting Fee</td>
<td>Speaking,Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>LifeCell</td>
<td>Consulting Fee</td>
<td>Speaking,Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Peter W. Marcello</td>
<td>Applied Medical</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Jeffrey M. Marks</td>
<td>apollo endosurgery</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Merck</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Jose M. Martinez</td>
<td>Boston Scientific</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Lifecell</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>John Martinie</td>
<td>Intuitive Surgical</td>
<td>Salary</td>
<td>Independent Contractor</td>
<td>Faculty</td>
</tr>
<tr>
<td>Brent D. Matthews</td>
<td>Atrium Medical, Inc</td>
<td>Research</td>
<td>Principal Investigator of multicentered, prospective trial evaluating complexity of reoperation after previous ventral hernia repair with intraperitoneal mesh</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore &amp; Assoc</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore, Inc</td>
<td>Research</td>
<td>Co-investigator on multicentered, prospective, longitudinal clinical trial</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Elisabeth C. McLemore</td>
<td>Applied Medical</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Cubist</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endosurgery</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Genomic Health</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Novadeq</td>
<td>Honoraria</td>
<td>fluorescent imaging</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Stephen S. McNatt</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking,Teaching</td>
<td>Planning Committee/Reviewer</td>
</tr>
</tbody>
</table>
## SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. Scott Melvin</td>
<td>Covidien</td>
<td>Grants</td>
<td>Research and training grants</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Stryker Endoscopy</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Surgiquest</td>
<td>Honorarium</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Torax</td>
<td>Research</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Transenterix</td>
<td>No Compensation</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>W L Gore</td>
<td>Research</td>
<td></td>
<td>co investigator</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Dean J. Mikami</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Yoav Mintz</td>
<td>EasyLap</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>EasyNOTES</td>
<td>IP Rights</td>
<td>Advisory Committee</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Eon Surgical</td>
<td>IP Rights</td>
<td>Advisory Committee</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Lumenis</td>
<td>Research</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Virtual Ports</td>
<td>Research</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td>Malcolm G. Munro</td>
<td>Abbvie Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Aegea Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Bayer Women’s Health</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Boston Scientific</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Channel Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Cooper/Surgical Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endosurgery Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon Women’s Health and Urology</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Gynesonics Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Holistic Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy Americas</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Ninh Tuan Nguyen</td>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Yuri Novitsky</td>
<td>CR Bard</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Kensey Nash</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Lifecell</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Brant K. Oelschlager</td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Resident education grant</td>
<td>Management Position</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Endogastric Solutions</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Synovis Surgical Innovations</td>
<td>Research</td>
<td>Principal Investigator</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Torax Medical</td>
<td>Research</td>
<td>Principal Investigator</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Allan E. Okrainec</td>
<td>Covidien</td>
<td>Educational grant for</td>
<td>Fellowship Program Director</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td></td>
<td>fellowship program</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Dmitry Oleynikov</td>
<td>LifeCell</td>
<td>Research</td>
<td>principal investigator</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Virtual Incision corp</td>
<td>Ownership Interest</td>
<td>Board Member</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>Raymond P. Onders</td>
<td>Synapse Biomedical</td>
<td>Ownership Interest</td>
<td>Management Position</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>David W. Overby</td>
<td>Teleflex</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td>John T. Paige</td>
<td>Oxford University Press</td>
<td>Royalty</td>
<td>Co-editor for book Simulation in</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Radiology</td>
<td></td>
</tr>
<tr>
<td>Adrian Park</td>
<td>Stryker endoscopy</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Eric M Pauli</td>
<td>Bard</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Presenter/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Synapse Biomedical</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Presenter/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Synthes</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Presenter/Reviewer</td>
</tr>
<tr>
<td>Nicole Pena</td>
<td>Apollo Endosurgery</td>
<td>Fee</td>
<td>Proctor</td>
<td>Faculty</td>
</tr>
</tbody>
</table>
## SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Jeffrey H. Peters</strong></td>
<td>C2 Therapeutics</td>
<td>Research</td>
<td>PI</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Given Imaging</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Torax Medical Inc</td>
<td>Research</td>
<td>PI</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Melissa Susan Phillips</strong></td>
<td>Allergan</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Cook Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>LifeCell, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Richard A. Pierce</strong></td>
<td>CareFusion</td>
<td>Salary</td>
<td>Wife is Employed by CareFusion-Pyxis Med Distribution System Division</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Synovis</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td><strong>Alessio Pigazzi</strong></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Alfons Pomp</strong></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>W.L. Gore and Associates</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Jaime Ponce</strong></td>
<td>Allergan</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Reshape Medical</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Todd Ponsky</strong></td>
<td>Stryker Endoscopy</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>teleflex</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Teleflex &amp; Stryker</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td><strong>Aurora Dawn Pryor</strong></td>
<td>Barosense</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Transenterix</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>Carla Marie Pugh</strong></td>
<td>CAE Healthcare</td>
<td>Royalty</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>CAE Healthcare</td>
<td>Royalty</td>
<td>Patent holder</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Archna Ramaswamy</strong></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td><strong>Bruce J. Ramshaw</strong></td>
<td>B. Braun</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>MTF</td>
<td>Research</td>
<td>Grant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Novus</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>STS</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>David W. Rattner</strong></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>TransEnterix</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Kevin M. Reavis</strong></td>
<td>Endogastric Solutions</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>No compensation received to date</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Jay A. Redan</strong></td>
<td>Cadence Pharma</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Genzyme Biosurgery</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Johnson and Johnson</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Pacira Pharmaceuticals</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>David B. Renton</strong></td>
<td>covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>William O. Richards</strong></td>
<td>PAIX Medical</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Kurt E. Roberts</strong></td>
<td>Novatract</td>
<td>IP Rights</td>
<td>Co-founder</td>
<td>Faculty</td>
</tr>
<tr>
<td>Name</td>
<td>Commercial Interest</td>
<td>What was received</td>
<td>For what role</td>
<td>Meeting Responsibility</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------</td>
<td>-------------------</td>
<td>-----------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Thomas N. Robinson</td>
<td>ConMed Electrosurgery</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy</td>
<td>Research</td>
<td>Principal Investigator</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Medtronics, Inc</td>
<td>Research</td>
<td>Principal Investigator</td>
<td>Faculty</td>
</tr>
<tr>
<td>Michael J. Rosen</td>
<td>Davol</td>
<td>Grant</td>
<td>Research Grants</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>davol</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>LifeCell</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>W.L. Gore</td>
<td>Grant</td>
<td>Research Grant Support</td>
<td>Faculty</td>
</tr>
<tr>
<td>Raul J. Rosenthal</td>
<td>Baxter</td>
<td>Educational Grant</td>
<td>conference</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>covidien</td>
<td>Educational Grant</td>
<td>conferences</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>ethicon</td>
<td>Educational Grant</td>
<td>conferences</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>storz endoscopy</td>
<td>Educational Grant</td>
<td>conferences</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Sharon B. Ross</td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Merck</td>
<td>consultant</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td>James C. Rosser Jr</td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>stealth learning company</td>
<td>Ownership Interest</td>
<td>Employment</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>Research</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td>John Scott Roth</td>
<td>Allergan</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>CR Bard</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>CR Bard</td>
<td>Research</td>
<td>Investigator</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>LifeCell</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>MTF</td>
<td>Research</td>
<td>Investigator</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>New Wave Surgical</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td>Barry A. Salky</td>
<td>Cook Medical</td>
<td>Ownership Interest</td>
<td>Independent Contractor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>cook Medical</td>
<td>Patent sale and are in the process of developing a product</td>
<td>Helping develop the product and will eventually receive royalties</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Deliverance LTD</td>
<td>Stock</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td>Jaime Eduardo Sanchez</td>
<td>Cubist Pharmaceuticals</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Salix Pharmaceuticals</td>
<td>Honoraria and Consulting Fee</td>
<td>Speaker/Training and Independent Training and Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Ganesh Sankaranarayanan</td>
<td>Endosim LLC</td>
<td>Undergraduate Student Support</td>
<td>Undergraduate Student Support</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Simuloids Inc</td>
<td>Undergraduate Student Support</td>
<td>Undergraduate Student Support</td>
<td>Faculty</td>
</tr>
<tr>
<td>Fernando Santos</td>
<td>Northwestern University</td>
<td>Ownership Interest; no financial income to date</td>
<td>Patent applicant and potential future licensing/ownership interests related to simulator</td>
<td>Faculty</td>
</tr>
<tr>
<td>Richard M. Satava</td>
<td>InTouch Technologies, Inc</td>
<td>minor amount of stock</td>
<td>Investor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical Inc</td>
<td>Research</td>
<td>Principle Investigator on a grant from Intuitive Surgical</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical Inc</td>
<td>Unrestricted educ. grant through MIRA robotic society to develop curriculum</td>
<td>Principal Investigator of the grant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>King Saud University</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Bruce D. Schirmer</td>
<td>Allurion Inc</td>
<td>Advisory Board</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Allurion Inc</td>
<td>stock</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Christopher M. Schlachta</td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Presenter/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon Canada</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Presenter/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Minogue Medical</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Presenter/Reviewer</td>
</tr>
</tbody>
</table>
# SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Steven D. Schwatzberg</strong></td>
<td>Acuity Bio</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Cambridge Endo</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Endocore</td>
<td>Consulting Fee</td>
<td>Independent Contractor</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>MIFII</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>MMDI</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Neatstitch</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Surgiquest</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td><strong>Daniel J. Scott</strong></td>
<td>Acclerated Technologies, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Lab Equipment</td>
<td>Sponsored research, advisory panel, teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Lab Equipment</td>
<td>sponsored research</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy</td>
<td>Lab Equipment Support</td>
<td>sponsored research</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Magnetically Anchored Instruments</td>
<td>IP Rights</td>
<td>Co-inventor</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Neat Stitch, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>Niazy M. Selim</strong></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee</td>
</tr>
<tr>
<td><strong>Don J. Selzer</strong></td>
<td>Cook Biotech</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td><strong>Anthony J. Senagore</strong></td>
<td>Cubist Pharmaceuticals</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Edwards Life Sciences</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endosurgery</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Mederi Therapeutics</td>
<td>Salary</td>
<td>Management Position</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Nesiles</td>
<td>Will be receiving an institutional unrestricted grant for research in immunonutrition research</td>
<td>Researcher</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Phillip P. Shadduck</strong></td>
<td>Allergan Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>LifeCell</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Teleflex Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Transenterix</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td><strong>Paresh C. Shah</strong></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Stryker</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Suturtek</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>transenterix</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ventrfix</td>
<td>Ownership Interest</td>
<td>Management Position</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>Bethany Slater</strong></td>
<td>Karl Storz</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Presenter</td>
</tr>
<tr>
<td><strong>C. Daniel Smith</strong></td>
<td>Torax Medical, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Torax Medical, Inc.</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>ValenTx, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td><strong>Stuart Jon Spechler</strong></td>
<td>Takeda Pharmaceuticals, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Steven C. Stein</strong></td>
<td>United Health Care GI Advisory Board</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td><strong>Scott Russell Steele</strong></td>
<td>Ethicon Endosurgery</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Sanofi Genzyme</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td>Name</td>
<td>Commercial Interest</td>
<td>What was received</td>
<td>For what role</td>
<td>Meeting Responsibility</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>---------------------</td>
<td>-------------------</td>
<td>------------------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td>Dimitrios Stefanidis</td>
<td>Bard</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
</tr>
<tr>
<td>Sharon L. Stein</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Advisory Committee Faculty</td>
<td></td>
</tr>
<tr>
<td>Nathaniel Floyd</td>
<td>Bard Davol</td>
<td>Research</td>
<td>Consultant Reviewer</td>
<td></td>
</tr>
<tr>
<td>Nicolas Stoikes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lee L. Swanstrom</td>
<td>Boston Scientific</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cardica</td>
<td>stock options</td>
<td>Review Panel Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>safetitch</td>
<td>Honoraria</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>USGI</td>
<td>IP Rights</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Wolf</td>
<td>IP Rights</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td>Patricia Sylla</td>
<td>Applied Medical</td>
<td>Honoraria</td>
<td>Speaking/Teaching Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Navatract Surgical</td>
<td>Honoraria</td>
<td>Consultant Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Consultant Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Samuel Szomstein</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon EndoSurgery</td>
<td>Honoraria</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td>Mark A. Talamini</td>
<td>Ethicon Endosurgery</td>
<td>Honoraria</td>
<td>Consultant Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Ali Tavakkoli</td>
<td>Avaxia Biologics</td>
<td>Ownership Interest</td>
<td>Previously on the advisory board Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GSK</td>
<td>Research</td>
<td>Research support Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Dana Alexa Telem</td>
<td>Ethicon (J&amp;J)</td>
<td>Consulting Fee</td>
<td>Consultant Reviewer</td>
<td></td>
</tr>
<tr>
<td>Julie K. Thacker</td>
<td>Premier</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td>Christopher C Thompson</td>
<td>Apollo Endosurgery</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apollo Endosurgery</td>
<td>Research</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Barosense</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beacon Endoscopic</td>
<td>Ownership Interest</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Boston Scientific</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Equipment loan.</td>
<td>Consultant Faculty</td>
<td></td>
</tr>
<tr>
<td>Thadeus L. Trus</td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Shawn T. Tsuda</td>
<td>LifeCell Corporation</td>
<td>Consulting Fee</td>
<td>Consultant Reviewer</td>
<td></td>
</tr>
<tr>
<td>Michael B. Ujiki</td>
<td>Apollo</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GORE</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Kent R. Van Sickle</td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching Planning Committee/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Melina C. Vassiliou</td>
<td>Covidien</td>
<td>Funding for Research Lab</td>
<td>Research Faculty</td>
<td></td>
</tr>
<tr>
<td>Richard M. Vazquez</td>
<td>Single Point of Truth Medical Software, LLC</td>
<td>Ownership Interest</td>
<td>Owner with 51% interest as owner and owner of intellectual property Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Sivamanithan Vithiananthan</td>
<td>Bard Davol</td>
<td>Consulting Fee</td>
<td>Consultant Reviewer</td>
<td></td>
</tr>
<tr>
<td>Guy R. Voeller</td>
<td>CR Bard</td>
<td>Hourly Pay/Grant</td>
<td>Consultant/Speaker/Research Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Hourly Pay</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
</tr>
<tr>
<td>Danielle S Walsh</td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
</tr>
</tbody>
</table>
### SAGES Faculty and Presenter Disclosures

<table>
<thead>
<tr>
<th>Name</th>
<th>Commercial Interest</th>
<th>What was received</th>
<th>For what role</th>
<th>Meeting Responsibility</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Steven D. Wexner</strong></td>
<td>Century Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Royalty</td>
<td>Inventor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>CRH Medical</td>
<td>Ownership Interest</td>
<td>former consulting</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Cubist</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>EZ Surgical</td>
<td>Ownership Interest</td>
<td>former consulting</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Ownership Interest</td>
<td>former consulting</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy America Inc</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy America Inc</td>
<td>Royalty</td>
<td>Inventor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy American Inc</td>
<td>IP Rights</td>
<td>Inventor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>LifeBond</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Mederi Therapeutics</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Medtronic Inc</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>NeatStitch</td>
<td>Ownership Interest</td>
<td>former consulting</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Novadaq</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>novaGI</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>novaGI</td>
<td>IP Rights</td>
<td>Inventor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>novaGI</td>
<td>Royalty</td>
<td>Inventor</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Pacira Pharmaceuticals</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Precision Therapeutics</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Premier Research</td>
<td>Honoraria</td>
<td>Review Panel</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Salix Therapeutics</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Unique Surgical Innovations</td>
<td>IP Rights</td>
<td>Management Position</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Unique Surgical Innovations</td>
<td>Royalty</td>
<td>Management Position</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Richard Larry Whelan</strong></td>
<td>Ethicon Endosurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus Corp</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Mark H. Whiteford</strong></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Richard Wolf Medical Instruments</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Erik B. Wilson</strong></td>
<td>Ethicon Endo-Surgery</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Gore</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Sherry M. Wren</strong></td>
<td>Intuitive Surgical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical Assoc</td>
<td>proctoring fee</td>
<td>Independent Contractor</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Amitai Ziv</strong></td>
<td>Simbionix USA Inc.</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Brian Zuckerbraun</strong></td>
<td>pfizer</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Natan Zundel</strong></td>
<td>apollo</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Applied</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>CineMed</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endosurgery</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
</tbody>
</table>
**Posters of Distinction**

**P001 LONG-TERM OUTCOME IN LAPAROSCOPIC COLECTOMY FOR COLON CANCER**
Kiichi Sugimoto, Kazuhiro Sakamoto, Yuichi Tomiki, Michitoshi Goto, Yutaka Kojima, Hiromitsu Kamiyama, Makoto Takahashi, Shun Ishiyama, Shingo Ito, Masaya Kawai, Kazuhiro Takehara, Yoshihiko Tashiro, Shinya Munakata, Jun Aoki, Yu Okazawa, Rina Takahashi, Kousuke Mizukoshi;
Department of Coloproctological Surgery, Juntendo University Faculty of Medicine, Tokyo, Japan

**P002 PREDICTORS OF 30-DAY READMISSION AFTER COLECTOMY**
Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Kristopher B Williams, MD, Amanda L Walters, MS, Amy E Lincourt, PhD, MBA, Brant T Heniford, MD, Vedra A Augenstein, MD; Carolinas Medical Center, Department of Surgery, Division of Gastrointestinal & Minimally Invasive Surgery, Charlotte, NC

**P003 LAPAROSCOPIC SLEEVE FUNDOPLASTY. A NOVEL TECHNIQUE TO TREAT TYPE III AND IV HIATAL HERNIA WITH SHORTENED ESOPHAGUS**
Luca Giordano, Ben Selvan, Kristine A DellaBadia, MS; Aria Health, Philadelphia

**P004 OUTCOMES OF ANTI-REFUX SURGERY IN GERD PATIENTS REFRACTORY TO MAXIMAL MEDICAL TREATMENT**
Radu Pescarus, MD, Christy M Dunst, MD, Mark M Levin, MD, Eran Shlomovitz, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Lee L Swanstrom, MD; Providence Cancer Center, Portland, Oregon

**P005 HIGH-RESOLUTION MANOMETRY FINDINGS IN SYMPTOMATIC POST-NISSEN FUNDOPLICATION PATIENTS WITH NORMAL ENDOSCOPIC CONFIGURATION**
Se Ryung Yamamoto, Tommy H Lee, Kalyana C Nandipati, Pradeep Pallati, Kush R Lohani, Sumeet K Mittal; Department of Surgery, Creighton University School of Medicine, Omaha, Nebraska

**P006 TRANSTHORACIC APPROACH IS ASSOCIATED WITH INCREASED RISK OF NEW ONSET ATRIAL FIBRILLATION AFTER ESOPHAGECTOMY.**
Kush R Lohani, Kalyana C Nandipati, Chris Merina, Tommy H Lee, Pradeep K Pallati, Se Ryung Yamamoto, Sumeet K Mittal; Department of Surgery, Creighton University School of Medicine, Omaha, Nebraska.

**P007 Withdrawn**

**P008 COMPARATIVE STUDY OF LAPAROSCOPIC AND OPEN PANCREATODUODENECTOMIES OVER 15 YEARS IN A TERTIARY CENTRE**
C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathis, MS, P Praveen Raj, MS, S Rajapandian, MS, P S Rajan, RS Sathyamurthy, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

**P009 ENDOSCOPIC ULTRASOUND (EUS) ENHANCES PRE-RESECTION STAGE DETERMINATION COMPARED TO CT OR PET FOR AMPULLARY CANCER**
Joyce Wong, MD, Zachary J Thompson, PhD, Cynthia Harris, MD, Jason Klipman, MD, Shivakumar Vignesh, MS, Barbara Centeno, MD, Pamela J Hodul, MD; Moffitt Cancer Center

**P010 LAPAROSCOPIC CENTRAL HEPATECTOMY – A PARENCHYMAL SPARING ALTERNATIVE**
Chen Kuo-hsin, MD, Wu Jiann-Ming, MD, Chen Shian-dian, MD, Chen Ying-Da, MD, Huang Shu-Yi, MD, Jeng Kuo-Shyang, MD, Lin Tzu-Chao, MD, Chang Yin-Jen, MD, Huang His-Yu, MD, Siow Tiang-Foong, MD, Sum Shao-Yin, MD, Loi Chao-Man, MD, Chia U-Chun, MD; Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, Ban Ciao, Taipei, Taiwan

**P011 REVISION OF PRIMARY SLEEVE GASTRECTOMY TO ROUX-EN-Y GASTRIC BYPASS, INDICATIONS AND OUTCOMES FROM A HIGH VOLUME CENTER**
Robert A Casillas, MD, Jorge Zelada Getty, MD, Scott S Um, MD, Benjamin B Kim, MD; Kaiser Permanente West Los Angeles

**P012 VARIATION IN NATIONAL DRG PAYMENTS FOR LAPAROSCOPIC ChoLeCYSTECTOMY: HOSPITAL LEVEL ANALYSIS**
Pushwaz Virk, MD, Charudutt Paraniapje, MD; Akron General Medical Center, Akron, OH

**P013 FEASIBILITY OF TRANSRECTAL HYBRID-NOTES ANTERIOR RESECTION FOR DIVERTICULAR DISEASE**
Sebastian H Lamm, MD, Andreas Zerz, MD, Isabell Schmitz, Daniel C Steinemann, MD; Cantonal Hospital Baselland, Department of Surgery, CH-4101 Bruderholz, Switzerland

**P014 MANOS PROCTOCOLECTOMY AND ILEO POUCH ANAL ANASTOMOSIS FOR ULCERATIVE COLITIS**
Marta M Tasende Presedo, MD, Salvador Delgado, MD, Gabriel G Diaz Del Gabbo, MD, Maria Fernandez, MD, Jaume Balust, MD, Dulce Momblan, MD, Raquel Bravo, MD, Antonio M de Lacy, PhD, MD; Department of Gastrointestinal Surgery, Institute of Digestive and Metabolic Diseases, Hospital Clinic, IDIBAPS, Centro de Investigación Biomédica en Red de Enfermedades Hepáticas y Digestivas [CIERehd], Centro Esther Koplowitz, University of Barcelona

**P015 THE “JULY PHENOMENON”: EXPERIENCE AT A COMMUNITY TEACHING HOSPITAL**
Stephen Jones, MD, Peter DeVito, MD, FACS; Northside Medical Center

**P016 THE EFFICACY AND ADVANTAGES OF LAPAROSCOPY-ASSISTED GASTRECTOMY IN ADVANCED GASTRIC CANCER**
Liangang Ma, Dr, Hongping Xi, Dr, Lin Chen, Dr; Chinese People’s Liberation Army General Hospital

**P017 A COMPARISON OF OPERATIVE TIME OUTCOMES IN LAPAROSCOPIC AND OPEN PROCEDURES**
Sara L Zettervall, MD, Richard Amdur, PhD, Khashayar Vaziri, MD, FACS; Department of Surgery, George Washington University School of Medicine and Health Sciences, Washington, DC
P039 PRIMARY ANASTOMOSIS WITH INTRAOPERATIVE COLONIC IRRIGATION IN GENERALIZED PERITONITIS DUE TO LEFT COLON CANCER OBSTRUCTION Jin Woo Jung, MD, Jae Hwang Kim, MD, PhD, Sang Hun Jung, MD, PhD, So Hyun Kim, MD, PhD, Ji Yong Lim, MD, Mu Jung Roh; YenungNam University Medical Center

P040 A CASE OF LAPAROSCOPIC COLECTOMY FOR INTESTINAL NECROSIS AFTER TAE TO LOWER GASTROINTESTINAL BLEEDING Takuya Yamaguchi, MD; MIMIHARA GENERAL HOSPITAL

P041 SINGLE PORT LAPAROSCOPIC COLORECTAL SURGERY SHOWS NO DRAWBACKS COMPARED TO STANDARD LAPAROSCOPIC SURGERY: RESULTS OF A CASE MATCH STUDY Grace Montenegro, MD, Joseph Frenkel, MD, Margaret Shields, Gerald Marks, MD, John Marks, MD; Lankenau Medical Center

P042 ARE ALL LAPAROSCOPIC SIGMOID COLECTOMY PROCEDURES THE SAME? IMPACT OF SURGICAL TECHNIQUE ON PATIENT OUTCOME Ian M Paquette, MD, Bobby Johnson, MD, Bradley R Davis, MD; University of Cincinnati College of Medicine

P043 “MAYPOLE” SMALL BOWEL OBSTRUCTION FROM JACKSON PRATT DRAIN Darshak Shah, MD, MBBS, Howard Tizzenkel, MD, Ashish Padhani, MD, MBBS, Saurabh Sharma, MD, MBBS; New York Hospital Queens, New York

P044 LMCP (LAPAROSCOPIC MONITORED COLONOSCOPIC POLYPECTOMY) FEASIBILITY AND SAFETY IN THIS TECHNIQUE PERFORMED: LONG-TERM FOLLOW-UP Miguel A Hernandez, MD, Morris E Franklin, MD, FACS, Zannodar Del Real, MD, Guillermo Peralta, MD; Texas Endosurgery Institute

P045 ATYPICAL PRESENTATION OF APPENDICEAL ADENOCARCINOMA – CASE STUDY AND REVIEW OF LITERATURE Andrew Nowakowski, OMS, Venkata K Kella, MD, Eric Balzano, MD, Hardsv S Parihar, MD, FACS, Jasbir S Makar, MD, Ian M Paquette, MD, Gerald Marks, MD, John Marks, MD; Weirton Medical Center, Weirton, WV 26062

P046 A COMPARISON OF SHORT-TERM SURGICAL OUTCOMES OF MINIMALLY INVASIVE COLORECTAL SURGERY VERSUS MULTI-PORT AND SINGLE-PORT LAPAROSCOPIC SURGERY Jin Yong Shin, PhD, Hyeon Yu, MD; Department of Surgery, Haeundae Paik Hospital, College of Medicine, Inje University, Busan, Korea

P047 CASE-MATCHED STUDY OF SHORT-TERM OUTCOMES AND COST ANALYSIS BETWEEN SIMPLIFIED HAND-ASSISTED LAPAROSCOPIC (TOTALLY THREE-PORT APPROACH) AND OPEN SURGERY Nathawut Phothong, Thawatchai Akaraviputh, Vitoon Chinswangwatanakul, PhD, Voraboot Taweewutchan, Asada Metasate, Jirawat Swangsri, Thanyadej Nimmanwudipong, Auttoporn Trakarnsanga; 1Minimally Assisted Laparoscopic Surgery Center Hospital East, Thailand 2Department of Surgery, Panyananthaphikkhu Chonprathan Medical Center, Srinakarinrinwai University, Nonthaburi, Thailand.

P048 LAPAROSCOPIC CONVERSION TO OPEN COLORECTAL MALIGNANT RECTIONS: A SINGLE CENTRE EXPERIENCE M A Gok, PhD, Mb, ChB, M I Malik, M M Sadat, S J Ward, U A Khan; Macclesfield District General Hospital

P049 EMERGENCY VERSUS ELECTIVE COLORECTAL RECTIONS FOR MALIGNANCY: A SINGLE CENTRE EXPERIENCE M A Gok, PhD, K I Malik, A Jeff, M M Sadat, S J Ward, U A Khan; Macclesfield District General Hospital

P050 ILEOSTOMY REVERSAL AFTER MINIMALLY INVASIVE COLORECTAL SURGERY: CAN IT STILL BE CONSIDERED A MINOR PROCEDURE? Gopal Menon, MBBS, Monica T Young, MD, Steven Mills, MD, Joseph Carmichael, MD, Michael J Stamou, MD, Alessio Pigazzi, MD, PhD; Department of Surgery, University of California, Irvine School of Medicine, Orange, California

P051 SACRAL NERVE STIMULATOR USE IN A PATIENT WITH LOW ANTERIOR RESECTION SYNDROME L Ryan Williams, MD, Michael C Grieco, MD, Jaime E Sanchez, MD, MSPH, Jorge E Marct, MD, Sowshon R Hasheed, MD; University of South Florida Department of Colon and Rectal Surgery

P052 LAPAROSCOPIC LAVAGE AND DRAINAGE IN ACUTE DIVERTICULITIS. CASE SERIES] Zavala, MD, J Montrubio, MD, H Sanchez, MD, G Saldana, MD, J Carmona, MD, R Gonzalez, MD; CHIRSTUS MUGUERZA - UDEN

P053 LAPAROSCOPIC TOTAL COLECTOMY FOR REFRRACTORY ULCERATIVE COLITIS: PROSPECTIVE SINGLE-PORT VERSUS MULTI-PORT COMPARATIVE COHORT AND CASE CONTROL ANALYSIS. J Burke, Dr, Desmond Toomey, Frank Reilly, J Deasy, D McNamara, Ronan A Cahill, MD; Beaumont Hospital, Dublin, Ireland

P054 SINGLE INSTITUTION REVIEW OF COST ANALYSIS OF LAPAROSCOPIC VERSUS OPEN COLORECTAL PROCEDURES Semeret T Munie, MD, Craig Reickert, MD, Surya Nalamati, MD, Ryan Kather, Rubinfeld Ilan, MD; Department of General Surgery, Henry Ford Hospital, Detroit, Michigan

P055 IS THERE A ROLE FOR LAPAROSCOPIC SURGERY IN RECURRENT CROHN’S DISEASE? Erman Aytaç, Fazli C Gezen, David W Dietz, Meagan M Costedio, Luca Stocchi, Emre Gorgun; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

P056 MASSIVE GASTROINTESTINAL BLEEDING: A RARE CASE OF EXTRARENAL, VISCERAL, RECTAL FIBROMUSCULAR DISPLASIA. Guillermo Peralta, MD, Alberto Chapa, MD, José Antonio Díaz, MD, Rene Palomo, MD, Miguel Hernández, MD, Zanndor Del Real-Romo, MD, Denise Sepulveda, MD; Escuela de Medicina y Ciencias de la Salud, Tecnológico de Monterrey

P057 ROBOTIC VERSUS LAPAROSCOPIC SINGLE PORT ANTERIOR RESECTION FOR SIGMOID COLON CANCER Min Soo Cho, Byung Soh Min; Yonsei University Health System

P058 LAPAROSCOPIC SIGMOIDECTOMY IN DIVERTICULAR DISEASE: Andrew Villanueva, Immanuel Gabriel, MD, PhD, Michelle K Savu, MD; South Texas VAHCS, San Antonio, TX; University of Texas Health Science Center, San Antonio, TX

P059 SHORT-TERM RESULTS OF LAPAROSCOPIC PELVIC DISEASE: SIDEWALL DISSECTION FOR LOW RECTAL CANCER Mosavgi Ito, Akihiro Kobayashi, Yusuke Nishizawa, Norio Saito; National Cancer Center Hospital East

P060 THE EFFECT OF THREE-DIMENSIONAL VERSUS TWO-DIMENSIONAL IMAGING DISPLAYS ON TASK PERFORMANCE BY LAPAROSCOPY-NAÏVE SUBJECTS Joseph M Drosdeck, MD, David B Renton, MD; The Ohio State University Wexner Medical Center

P061 LAPAROSCOPIC SURGERY TRAINING PROGRAM FOR RESIDENTS: EXPERIENCE IN LATINAMERICA. Vicente Gonzalez-Ruiz, MD, Miguel D Santana, MD, David Valadex-Caballero, MD; Mexico City General Hospital / High Speciality Regional Hospital Zumpango

P062 DEVELOPMENT OF A STANDARDIZED TRAINING COURSE FOR LAPAROSCOPIC PROCEDURES USING A DELPHI METHODOLOGY M.s Bethesda, MD, M.j. van Det, MD, PhD, H.o. ten Cate Hoedemaker, MD, N.j.g.m. Veeger, PhD, J.p.e.n. Piefo, Prof; Medical Center Leeuwarden, University Medical Center Groningen
Poster Listing

P063 PREPARING RESIDENTS FOR THE FLS SKILLS EXAM: A COMPETITION BASED APPROACH
Gregory S Peirce, General Surgery, Resident, William V Rice, MD, Jason Hiles, MD; William Beaumont Army Medical Center.

P064 A NOVEL MODEL FOR TEACHING INTRACORPOREAL KNOT TYING
Daniel Abramowitz, MD, Oscar Henao, MD, Kai Shen, MD, Timothy D Jackson, MD, MPH, Allan Oknirean, MD, MHPE; Division of General Surgery, University Health Network, University of Toronto; Temerty/Chang Telesimulation Centre.

P065 ADVANCED LAPAROSCOPIC FELLOWSHIP TRAINING DECREASES CONVERSION RATES DURING LAPAROSCOPIC CHOLECYSTECTOMY FOR ACUTE BILIARY DISEASES
Cheguevara Afaneh, MD, Jonathan Abelson, MD, Barrie Rich, MD, Gregory Dakin, MD, Raza Zarnegar, MD, Philip S Barie, MD, MBA, Thomas J Fahey III, MD, Alfons Pomp, MD; Department of Surgery, New York-Presbyterian Hospital/Weill Cornell Medical Center.

P066 COLONOSCOPY SIMULATOR TRAINING AND TRANSFER OF SKILLS TO CLINICAL PRACTICE
Pedro P. Gomez, MD, Ross E Willis, PhD, Kent R Van Sickle, MD; University of Texas Health Science Center at San Antonio.

P067 LAPAROSCOPIC SURGERY SKILLS EVALUATION: MOTION ANALYSIS BASED ON ACCELEROMETERS
Alexis Sanchez, MD, MSc, Omaira Rodriguez, MD, Renata Sanchez, MD, Valentina Bazae, MD, Oriana Salamo, MD, Luis Medina, MD; ROBOTIC AND MINIMALLY INVASIVE CENTER - LA FLORESTA MEDICAL INSTITUTE, ROBOTIC SURGERY PROGRAM - UNIVERSITY HOSPITAL OF CARACAS.

P068 ASSESSMENT OF PERFORMANCE DURING ADVANCED LAPAROSCOPIC FELLOWSHIP- A SINGLE SUBJECT DESIGN
Imran Ghadheri, MD, MSc, Yoon Soo Park, PhD, Lauren Aubergine, BBA, Timothy M Farrell, MD; University of North Carolina, Chapel Hill, NC.

P069 SUPERIORITY OF 3D IMAGING IN ENDOSCOPIC SURGERY TRAINING
Takayuki Fuji, MD, Yoji Nishizawa, PhD, Akihiro Kondo, MD, Masao Fujisawa, PhD, Keichi Okano, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University.

P070 LAPAROSCOPIC SIMULATION IN REVERSE AND SIDE ALIGNMENT DOES NOT IMPROVE TASK PERFORMANCE IN FORWARD ALIGNMENT: A RANDOMIZED CONTROLLED TRIAL
Nashwa Khogali, DO, Pam Haan, RN, BSN, Cheryl Anderson, RN, BSN, MSA, Rama Gupta, BS, Caroline Moon, BS, David Henry, MD, Srinivas Kavuturu, MD; Michigan State University Department of Surgery.

P071 ESTABLISHMENT OF ANIMAL LAB FOR THE EVALUATION AND TRAINING OF ADVANCED LAPAROSCOPIC SURGERY
Yo Kuashima, MD, PhD, Yuma Ebihara, MD, PhD, Toru Nakamura, MD, PhD, Eiji Tamoto, MD, PhD, Souichi Murakami, MD, PhD, Joe Matsumoto, MD, PhD, Takahiro Tsuchikawa, MD, PhD, Toshikazu Shichino, MD, PhD, Satoshi Hirano, MD, PhD; Hokkaido University.

P072 THE EFFECT OF CAFFEINE ON LAPAROSCOPIC SKILLS PERFORMANCE IN SIMULATED SETTINGS
Vincent Quan, BSc, Bariya S Alaraimi, MD, Walid Elbakbak, MSc, Amina Bouhelal, MSc, Ana Gavrilova, BSc, Bijendra Patel, FRCS; Barts Cancer Institute - Queen Mary University of London, Academic Department of Upper GI Surgery - Barts and The London NHS Trust.

P073 DEVELOPMENT OF A VIRTUAL REALITY ROBOTIC SURGICAL CURRICULUM USING THE DA VINCI SI SURGICAL SYSTEM
Pedro P Gomez, MD, Ross E Willis, PhD, Kent R Van Sickle, MD; University of Texas Health Science Center at San Antonio.

P074 RELIABILITY OF GOALS SCORES USING GENERALIZABILITY THEORY
E Bilic, Y Watanabe, MD, L Lee, MD, M C Vassiliou, MD; Steinberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Quebec, Canada.

P075 STARTING A MINIMAL INVASIVE SURGERY PROGRAM IN COLORECTAL CANCER AT THE NATIONAL CANCER CENTER MEXICO. A CHALLENGING ENVIRONMENT FOR NEW PROCEDURES
Itzel Vela, MD, Angel Herrera, MD, Horacio Lopez Basave, MD, J Manuel Ruiz Molina, md, Javier Melchor, md, Rafael Vazquez, md, Abelardo Meneses, MD; National Cancer Center Mexico.

P076 ONE SIZE FITS ALL? THE NEW SURGICAL INNOVATION PHILOSOPHY
Vivian De Ruijter, Pietro Riva, Natasha Waters, MD, Bernard Dallemagne, MD, Lee Swanstrom, MD, Jacques Marescaux, MD, Silvana Perretta, MD; IRCAD-HU, University of Strasbourg, France.

P077 ASSESSMENT OF MEDICAL STUDENT LAPAROSCOPIC SKILLS USING VIRTUAL REALITY AND FUNDAMENTALS OF LAPAROSCOPIC SURGERY™ TASKS
Erica Sutton, MD, Craig Ziegler, MS, Kevin Martin, BS, Stuart Crawford, BS, Matthew Golden, MD, J. David Richardson, MD; Hiram C. Polk, Jr. MD Department of Surgery, University of Louisville School of Medicine, Louisville, KY.

P078 THE SUCCESSFUL DEVELOPMENT AND IMPLEMENTATION OF A NOVEL, ACUTE CARE SURGICAL SIMULATION PATHWAY TRAINING CURRICULUM
Kiyoyuki W Miyasaka, MD, Joseph M Buchholz, BS, Niels D Martin, MD, FACS, Denise LaMarra, MS, Noel N Williams, MB, BCh, MCh, FRCSI, FRCS, Jon B Morris, MD, Rajesh Aggarwal, MD, PhD, MA, FRCS; Perelman School of Medicine at the University of Pennsylvania.

P079 ADVANCES IN SURGICAL EDUCATION: USING THE IPAD AND ITUNES U TO DELIVER A MOBILE DIGITAL CURRICULUM
Monica T Young, MD, Michael Sgroi, MD, Stephen P Schale, BS, Esther Jun, BA, Julie H Youm, PhD, Warren Wiechmann, MD, MBA, Michael J Stamos, MD, Jill Endres, MD; Department of Surgery, University of California, Irvine School of Medicine, Orange, California.

P080 MEDIMQ: A MEDICAL IMAGE DIAGNOSTIC LEARNING AND ASSESSMENT TOOL
Cedric Dumas, PhD, Timothy R Coles, PhD, David Fielding, MD, Caroline G Cao, PhD; Commonwealth of Scientific and Industrial Research Organisation, Wright State University.

P081 LAPAROSCOPIC TRAINING IN VIRTUAL REALITY: HAPTIC VS. NONE HAPTIC
Amina Bouhelal, Dr, S Badiani, Mr, Walid Elbakbak, Dr, Badriya S Alaraimi, Dr, Bijendra Patel, Mr; Barts Cancer Institute Queen Mary University of London.

P082 LAPAROSCOPIC SKILLS, LIKE RIDING A BIKE OR YOU LOSE WHAT YOU DO NOT USE?
Amin Bouhelal, Dr, Walid Elbakbak, Dr, Badriya Aalaraimi, Dr, Bijendra Patel, Mr; Barts Cancer Institute Queen Mary University of London.

P083 OUTCOMES OF RESIDENT VERSUS FELLOW ASSISTED BARIATRIC SURGERY
Patrick E LeMasters, MD, Emily W Shi, MD, Andrew Bates, MD, Edward H Chin, MD, FACS, Daniel M Herron, MD, FACS, William B Inabnet III, MD, Subhash U Kini, MD, Scott G Nguyen, MD; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI.

P084 EFFECTS OF EXPERIENCE AND A REFERENCE TOOL IN LAPAROSCOPIC LENGTH MEASUREMENTS
Sara L Zettervall, MD, Hope V Jackson, MD, Ezra Teitelbaum, MD, Matt Holzner, BS, Jason Weissler, BS, Amdurt L Richard, PhD, Khashayar Vaziri, MD, FACS; Department of Surgery, George Washington University School of Medicine and Health Sciences, Washington, DC.

Department of Surgery Feinberg School of Medicine, Northwestern University, Chicago, IL.
P085 RESIDENT-LED DELIBERATE PRACTICE UTILIZING SIMULATION Caitlin A Halbert, DO, MS, Brian Frank, MD, Susan Coffey-Zern, MD; Christiana Care Health System

P086 COMMUNICATION SKILLS TRAINING THROUGH THE USE OF VIRTUAL SIMULATION FOR GENERAL SURGERY RESIDENCY Caitlin Halbert, DO, MS, Kathryn Fulda, Susan Coffey-Zern, MD; Beth Fitzgerald, Gerard Fulda, MD; Christiana Care Health System

P087 3D VISION SYSTEMS AND OUR SURGICAL PERFORMANCE; SUPERIOR PERFORMANCE OR UNWARRANTED DISCOMFORT? A CROSS-OVER STUDY Walid Elbakbak, MBBCh, MSc, Amina Bouhelal, MBBC, MSc, Badriya Alariami, MRCS, Bijendra Patel, FRCS; Barts Cancer Institutes, Queen Mary University of London

P088 SURGEONS’ PERCEPTIONS IN RELATION TO THE MINILAPAROSCOPIC INSTRUMENTS IN SURGICAL KNOTS CONFECTION Gildo O Passos Jr, MD, Diego Laurentino Lima, MD, Frederico W C. Silva, MD, Jusciele S Barros, Ingrid L V. Rodrigues, Yukie C Konishi, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

P089 HAND DOMINANCE MATTERS FOR NOVEL LAPAROSCOPIC TASK PERFORMANCE Anton Simarow, MD, Chung-Kai Huang, MS, Dmitry Oleynikov, MD, FACS, Ka-Chun Siu, PhD; Department of Surgery, Center for Advanced Surgical Technology, School of Allied Health Professions, University of Nebraska Medical Center, Omaha, NE, USA

P090 EVALUATING THE LEARNING CURVE OF NO PREVIOUS EXPERIENCED LAPAROSCOPIC SURGEON IN LAPAROSCOPY ASSISTED DISTAL GASTRECTOMY (LAGD) Makoto Shirai, Yoshito Kiyasu, Shigehiko Yagi; Ehime prefectural Medical Center, Japan

P091 ASSESSMENT OF BASELINE DA VINCI SKILL SETS AND KNOWLEDGE IN A ROBOT NAIVE ACADEMIC GENERAL SURGERY PROGRAM Cary Richardson, MD, Manangela Rivera, MD, Heidi Ryan, MD, Shawn Tsuda, MD; University of Nevada School of Medicine

P092 A PROSPECTIVE, MULTI-INSTITUTIONAL STUDY TO DETERMINE THE EFFECT OF SAGES PATIENT INFORMATION BROCHURES ON PATIENT SATISFACTION - PRELIMINARY RESULTS Rajesh Agarwal, MD, PhD, MA, FRCS, Joseph M Buchholz, BS, Illana J Harrysson, MD, Kenric M Murayama, MD, FACS, Edward C Borrazzo, MD, Bruce A Chutter-Cressy, PA, John F Sweeney, MD, S Scott Davis, MD, Shirin Towfigh, MD, Rahul Gupta, MD, Daniel B Jones, MD, MS, FACS; Perelman School of Medicine at the University of Pennsylvania, Imperial College London, University of Vermont, Emory University, Cedars-Sinai Medical Center, Beth Israel Deaconess Medical Center

P093 ENDOSCOPIC LATISSIMUS DORSI MUSCLE HARVESTING – EXPERIMENTAL STUDY Alexandru I Blidisel, resident; University of Medicine and Pharmacy Victor Babes Timisoara

P094 RENDEZVOUS TECHNIQUE FOR TREATMENT OF COMPLETE COMMON BILE DUCT TRANSSECTION AFTER MULTIPLE HEPATOBILIARY SURGERIES Seung Hoon Shin, MD, Ariel Klevan, MD, Christopher Fernandez, MD, Jose M Martinez, MD, FACS; Division of Laparoendoscopic and Bariatric Surgery, DewittDaughtry Family Department of Surgery, University of Miami Miller School of Medicine, Miami, FL 33136, USA

P095 LEARNING EFFICACY BETWEEN A 30° RIGID SCOPES AND A FLEXIBLE SCOPE IN NEWLY EDUCATED MEDICAL PERSONNEL FOR LAPAROSCOPIC COLORECTAL PROCEDURE: A PROSPECTIVE, COMPARATIVE STUDY Young-Joo Lee, MD, Seon-Hahn Kim, MD, PhD; Colorectal Division, Department of Surgery, Korea University Anam Hospital, Korea University College of Medicine, Seoul, Korea

P096 IS 10 YEARS TOO LONG? DEVELOPMENT OF INTERVAL COLORECTAL CANCER DESPITE FOLLOWING RECOMMENDED COLONOSCOPIC GUIDELINES Eric M. Changchien, MD, Melinda Hawkins, MD, Michelle E Murray, MD, John A Griffin, MD; ST MARK’S HOSPITAL, SALT LAKE CITY, UT

P097 THE PREOPERATIVE ENDOSCOPIC DRAINAGE IN THE MALIGNANT OBSTRUCTIVE JAUNDICE Konstantinos S. Moments, MD, MSc, PhD, Demetrios S Lappas, MD, PhD, Andreas Polydorou, MD, PhD, Vasileios Smyrniotis, MD, PhD; National and Kapodistrian University of Athens, Aretaieion University Hospital of Athens, Surgical Laboratory Prof.C.Tountas

P098 PER-ORAL ENDOSCOPIC MYOTOMY (POEM) FOLLOWING PREVIOUS LAPAROSCOPIC HELLER MYOTOMY IS FEASIBLE AND SAFE IN A PORCINE SURVIVAL MODEL Andrew S Kastenmeier, MD, Luke Miles, BS, Matthew Frelich, MS, Kulwinder Dua, MD, Jon C Gould, MD; Medical College of Wisconsin, Department of Surgery, Division of General Surgery; and Medical College of Wisconsin, Department of Medicine, Division of Gastroenterology

P099 VIDEO-ASSISTED THORACOSCOPIC SURGERY FOR RESPIRATORY DISEASE IN CHILDREN. Masahide Murasugi,*, MD, PhD, Masato Kanazaki,*, MD, PhD, Takuwa Kikkawa,*, MD, MD, PhD, Tamami Isaka,*, MD, PhD, Maeda Hideurki,*, MD, Sakamoto Kei,*, MD, Sayaka Katagiri,*, MD, Junko Kawata,*, MD, Kunihiko Oyama,*, MD, Takamasa Onuki,*, MD, MD, Osamu Segawa**, MD, PhD; Department of Surgery, Division of Thoracic Surgery*, Division of Pediatric Surgery**, Tokyo Women’s Medical University, Tokyo, JAPAN

P100 UNIVARIATE AND MULTIVARIATE ANALYSES OF PREOPERATIVE FACTORS INFLUENCING SYMPTOMATIC OUTCOMES OF TRANSORAL FUNDOPPLICATION Reginald CW Bell, MD, FACS, Mark A Fox, MD, FACS, William E Barnes, MD, FACS, Peter M Mavrulis, MD, Robert W Sewell, MD, FACS, Bart J Carter, MD, FACS, Glenn M Ihde, MD, Karim S Trad, MD, FACS, David Dagris, DO, Kevin M Hoddinott, MD, FACS, Katherine D Freeman, MSN, NP, Tanja Gunsberger, DO, Mark G Hausmann, MD, FACS, Brian DaCosta Gill, MD, FACS, Erik Wilson, MD, FACS; SurgOne Forerut Inglenook, Englewood, Colorado; Crossville Medical Group, PA, Crossville, Tennessee; Livingston Hospital and Healthcare Services, Inc. CAH, Salem, Kentucky; Interior Medical Associates, Merrillville, Indiana

P101 ANTEGRADE WIRE, RENDEZVOUS CANNULATION OF THE BILIARY TREE MAY REDUCE THE INCIDENCE OF POST-ERCPT PANCREATITIS Ryan M Juza, MD, Randy S Haluck, MD, Ann M Rogers, MD, Jerome R LynSue, MD, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

P102 TWO-STAGE OPTICAL SYSTEM FOR COLORECTAL POLYP ASSESSMENT. Miroslav Szura, PhD, Krzysztof Bucki, PhD, Artur Pasternak, PhD, Andrzej Matyja, PhD, Jan Kulig, PhD; Jagiellonian University

P103 INTRAOPERATIVE ENDOSCOPY MAY DECREASE POST OPERATIVE LEAK & STENOSIS IN GASTRIC BYPASS AND SLEEVES GASTRECTOMY Mohamed B Al Hadad, MD, Nidal Dehni, MD, Abdelrahman A Nimeri, MD; Division of general, thoracic and vascular surgery, Sheikh Khalifa Medical City managed by Cleveland clinic

P104 IMPLEMENTATION OF DIRECT PERORAL CHolangioscopy for Common Bile Duct Stones Jonathan Leunbach, MD, Jan M Krzaz, MD, Einar Pablee, PhD; Department of Surgery, Viborg Hospital, Viborg, Denmark

P105 TAILORED MINIMALLY INVASIVE TREATMENT OF BILIARY LEAKS Jan M Krzaz, MD, Ada M Krzaz, MD, Poul Bak Thorsen, MD, PhD, Miroslaw Szura, MD, PhD, Lars Stig Jorgensen, MD; Department of Surgery, Sygehus Lillebaelt, Kolding, Denmark
<table>
<thead>
<tr>
<th>Poster Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P106 ENDOSCOPIC MANAGEMENT OF POSTOPERATIVE ESOPHAGEAL STRICTURES</strong> Edip Akpinar, MD, Sheila C. Marmolakos, MD, Mohamed S. Alshal, MD, Jc Jimenez, MD, D Horkan, MD, Ja Astudillo, MD, Jose M. Martinez, MD, FACS; Department of LaparoEndoscopic Surgery, University of Miami, Miami, FL</td>
</tr>
<tr>
<td><strong>P107 CASE REPORT: USE OF A STENT TO TREAT A COLONIC ANASTOMOSTIC LEAK</strong> Sarah L Lippert, MD, Philip L Leggett, MD, Howard B Hamat, MD, Javier Nieto, MD; The University of Texas Medical School at Houston</td>
</tr>
<tr>
<td><strong>P108 SEDATION AND BOWEL PREPARATION FOR COLONOSCOPY IN ELDERLY: A NATIONWIDE SURVEY IN IRELAND</strong> Hytham Hamid, MR, Adeel Zafar, MR, Brian Egan, Dr, Luke O’Donnell, Dr, Iqbal Khan, MR; Departments of Surgery and Gastroenterology, Mayo General Hospital, Ireland.</td>
</tr>
<tr>
<td><strong>P109 SURGICAL OUTCOMES OF LATERAL TRANSPERITONEAL ADRENALECTOMY AND POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY IN CONSECUTIVE PATIENTS BY A SINGLE SURGEON</strong> Young Jun Cha1, MD, Soon Young Tae1, MD, Heeseung Lee1, MD, Yong Joon Suh1, MD, Jung-Woo Woo1, MD, Su Jin Kim1, MD, Jun Young Choi2, MD, Kyu Un Lee1, MD, PhD, Yeo-Kyu Youn1, MD, PhD; ‘Department of Surgery, Seoul National University Hospital and College of Medicine, Seoul,Korea, Division of Surgery, Thyroid Center, Seoul National University Cancer Hospital, Seoul,Korea, ‘Department of Surgery, Seoul National University Bundang Hospital</td>
</tr>
<tr>
<td><strong>P110 SELF EXPANDABLE METAL STENTS (SEMS) AS AN ALTERNATIVE TREATMENT OPTION IN PERFORATED DUODENAL ULCERS, COMPARISON WITH SURGERY</strong> Per-Ola Park, Professor, Jorge Alberto Arroyo Vázquez, MD, Gina Nesouli, MD, Maria Bergstrom, MD, PhD; Dept of Surgery, South Alvsborg Hospital, Boras, Sweden, Gothenburg University, Gothenburg Sweden</td>
</tr>
<tr>
<td><strong>P111 ECONOMIC IMPACT OF PER ORAL ENDOSCOPIC MYOTOMY VERSUS LAPAROSCOPIC HELLER MYOTOMY AND ENDOSCOPIC PNEUMATIC DILATION</strong> Michael P Meara, MD, MBA, Kyle A Perry, MD, Jeffery W Hazey, MD; The Ohio State University Wexner Medical Center</td>
</tr>
<tr>
<td><strong>P112 PERCUTANEOUS ENDOSCOPIC GASTROSTOMY FOR PROLONGED ILEUS AND NON-MALIGNANT OBSTRUCTION</strong> Christopher R Doigle, MD, Eric Marcotte, MD, Ricard Corcelles, MD, Kevin El-Hayek, MD, Matthew Kroh, MD, Stacy Brethauer, MD; Cleveland Clinic Main Campus, Cleveland, Ohio</td>
</tr>
<tr>
<td><strong>P113 TRANSGASTROSTOMIC ENDOSCOPY-ASSISTED FOREIGN BODY REMOVAL</strong> John Henry Y Pang, MD, Zachary A Kanouse, MD, Irving L Bernardo, MD, Farah Karipineni, MD, Kevin Nguyen, MD, Alfred C Trang, MD, FACS, Ramsey M Dallal, MD, FACS, Ian S Soriano, MD, FACS; Albert Einstein Medical Center</td>
</tr>
<tr>
<td><strong>P114 RISK FACTORS OF FECAL DIVERSION FOR COLONOSCOPIC PERFORATION: A REVIEW OF 35,361 ENDOSCOPIC PROCEDURES</strong> Kampol Toemakharathaoworn, Voraboot Taweewaracha, Jirawat Swangari, Thawatchai Akaraviputh, Asada Methasote, Vitoon Chinsawangwatanakul, Thanyadej Nimmanwudipong, Athaphorn Trakamsangsa; Minimally Invasive Unit, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand.</td>
</tr>
<tr>
<td><strong>P115 ENDOSCOPIC PROXIMAL GASTROPLASTY FOR OBESITY USING A NOVEL FULL-THICKNESS SUTURING DEVICE</strong> Lee I Swanstrom, MD, Andrea Legner, MD, Peter Halvax, MD, Aron Altorjay, MD; Institute Hopitaux Universitaires - Strasbourg, France; St George Hospital, Szekesfehervar, Hungary</td>
</tr>
<tr>
<td><strong>P116 FAST ACCESS TO THE COMMON BILE DUCT DURING ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY, OUR EXPERIENCE WITH A DOUBLE WIRE TECHNIQUE</strong> Andreas Astudillo, MD, Jean Carlos Jimenez, MD, Jose M Martinez, MD; University of Miami, Department of Laparoendoscopic Surgery, Miami, FL</td>
</tr>
<tr>
<td><strong>P117 ENDOSCOPIC ARGON PLASMA COAGULATION CAN ALLEViate DYSPIAgia FROM MALIGNANT ESOPHAGEAL MASSES</strong> Reiner F Narvaez, MD, Matthew Y Lin, MD, John P Cello, MD, Stanley J Rogers, MD; University of California, San Francisco</td>
</tr>
<tr>
<td><strong>P118 A NOVEL ENDOSCOPIC APPROACH TO MANAGING HIGH OUTPUT ENTERO-ATMOSPHERIC FISTULAE</strong> Sean B Orenstein, MD, Yuhsin V Wu, MD, Eric M Pauli, MD, Tung Tran, MD, Randy S Haluck, MD, Yuki W Novitsky, MD, Jeffrey M Hardacre, MD, John B Ammori, MD, Edmond Sanchez, MD, Jeffrey L Ponsky, MD, Jeffrey M Marks, MD; Department of Surgery, University Hospitals Case Medical Center, Cleveland OH; Department of Surgery, Penn State Hershey Medical Center, Hershey PA</td>
</tr>
<tr>
<td><strong>P119 PEG TUBE PLACEMENT: DO WE DO IT BETTER THAN GI?</strong> Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Kristopher B Williams, MD, Hannah C Kline, Vedra A Augenstein, Brant T Heniford, MD, Ronald F Sing, DO; Carolinas Medical Center, Department of Surgery, Division of Gastrointestinal &amp; Minimally Invasive Surgery, Charlotte, NC</td>
</tr>
<tr>
<td><strong>P120 ENDOSCOPIC FUNDOPICATION FOR THE MANAGEMENT OF GASTROESOPHAGEAL REFLUX: A COMMUNITY HOSPITAL EXPERIENCE</strong> Mario R Salazar, MD, Todd Worley, MD; Texas Tech Health Sciences Center-Fernnian Basin Community Hospital</td>
</tr>
<tr>
<td><strong>P121 THE ROLE OF ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY (ERCP) IN ACUTE CARE SURGERY</strong> Cory Richardson, MD, Ashley Pistorio, MD, Charles R St. Hill, MD, MSC; Matthew Johnson, MD, Katie Lyons, Nathan I Ozab, FACS; University of Nevada School of Medicine</td>
</tr>
<tr>
<td><strong>P122 PARTIAL BALLOON DEFLATION FOR CONTROLLED WITHDRAWAL OF SINGLE BALLOON ENTEROSCOPY</strong> Abioudu O Loaye, MD, Gorcey A Steven, MD; Jersey Shore University Medical Center</td>
</tr>
<tr>
<td><strong>P123 LAPAROSCOPIC TOTAL GASTRECTOMY FOR ADENOCARCINOMA IN A WESTERN COUNTRY COMMUNITY HOSPITAL: SAFETY, ONCOLOGICAL ISSUES AND MID-TERM SURVIVAL</strong> Giuseppe Portale, MD, Valentino Fiscon, MD, Antonio Mazzeo, MD, Giovanni Migliorini, MD, Flavio Frigo, MD; Department of General Surgery</td>
</tr>
<tr>
<td><strong>P124 THE SELECTIVE USE OF LAPAROSCOPY-FIRST APPROACH FOR HIGH-RISK PATIENTS SUFFERING PERFORATED PEPTIC ULCER IS SAFE.</strong> Anh T Le, MD, Enders K Ng, MD, Philip W Chiu, MD, Simon K Wang, MD; Prince of Wales Hospita, Chinese University of Hong Kong</td>
</tr>
<tr>
<td><strong>P125 TWENTY-YEAR TREND IN THE UTILIZATION OF HELLER MYOTOMY FOR ACHALASIA IN THE UNITED STATES</strong> Jennifer Preston, MD, James Dolan, MD, John Hunter, MD, Brian Diggs, PhD; Oregon Health &amp; Science University</td>
</tr>
<tr>
<td><strong>P126 200 “SOLO” LAPAROSCOPIC FUNDOPICATIONS WITH AESOP ROBOTIC ARM</strong> Sergio Rajas-ortega, MD, Eminas Pasic, MD, Rachid Cesin, MD, Luis Miguel Campos, PE, Cris Gomez; HOSPITAL ANGELES / PUEBLA</td>
</tr>
<tr>
<td><strong>P127 IATROGENIC GASTROBRONCHIAL FISTULA FOLLOWING A THORACIC SPINE NEUROSURGICAL PROCEDURE: REPORT OF A CASE.</strong> Jeffrey J Skubic, DO, Nathaniel Eastman, MD, Jacob Wiesen, MD, Sarah Ogle, DO, Frank Sacco, MD; Banner Good Samaritan Regional Medical Center, Phoenix, AZ; Alaska native medical center, Anchorage, AK</td>
</tr>
</tbody>
</table>
P128 THE EFFECT OF LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR ON PULMONARY FUNCTION TEST
S Alhassar, J Kondra, J Clifton, R J Finley, S Kaaki; College of
Medicine, King Saud University Riyadh, Saudi Arabia. Division of
Thoracic Surgery, University of British Columbia, Vancouver, BC

Anuj Maharjan, MD, Matthew Westmoreland, MD, David Arnold, MD,
David Vanderpool, MD; Baylor University Medical Center, Division
Minimally Invasive Surgery

P130 OUR SIMPLE AND PRACTICAL PROCEDURE IN ANTI-REFUX SURGERY FOR GERD PATIENTS
Tatsuji Suwa, MD, Satoshi Inose, MD, Kazuhiro Karkiomi, MD, Eishi Totsuka,
MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsumura, MD,
Kenta Kitamura, MD; Dept. Surgery, Kashiwa Kousei General Hospital

P131 CONCURRENT GASTROINTESTINAL STROMAL TUMOUR OF LARGE AND SMALL BOWEL - A RARE CASE
R Gokul k shanker, MS, Praveen Patil, MS, Hariprasad D, MS,
Vg Mohanprasad, MS, Balu Kuppusamy, MS; VGM HOSPITAL
INSTITUTE OF GASTROENTEROLOGY

P132 OUR STANDARD PROCEDURE IN LAPAROSCOPIC TOTAL GASTRECTOMY (D1+) FOR GASTRIC CANCER
PATIENTS WITH COAXIAL SCOPE SETTING
Tatsuji Suwa, MD, Satoshi Inose, MD, Kenta Kitamura, MD, Kazuhiro Karkiomi,
MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD,
Tomonori Matsumura, MD; Dept. Surgery, Kashiwa Kousei General Hospital

P133 OUR STANDARD PROCEDURE IN LAPAROSCOPIC DISTAL GASTRECTOMY (D2) FOR GASTRIC CANCER
PATIENTS
Tatsuji Suwa, MD, Satoshi Inose, MD, Kenta Kitamura, MD, Kazuhiro Karkiomi,
MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD,
Tomonori Matsumura, MD; Dept. Surgery, Kashiwa Kousei General Hospital

P134 AN INITIAL EXPERIENCE WITH AND SAFETY OF A NOVEL APPROACH TO TREATMENT OF
GASTROESOPHAGEAL REFUX DISEASE
George H Pfaltzgraff, MD, FACS; Ellsworth Municipal Hospital

P135 HIGH RESOLUTION MANOMETRY SUBCLASSIFICATION OF ACHALASIA: DOES IT REALLY
MATTER?
Christina I Greene, MD, Erica J Chang, BA, Stephanie G Worrell, MD, Steven R DeMeester, MD, Daniel S Oh, MD,
Jeffrey A Hagen, MD; Keck School of Medicine of the University of Southern California

P136 SURGICAL TREATMENT OF DUODENAL PERFORATION AFTER ENDOSCOPIC RETROGRADE
CHOLANGIOPANCREATOGRAHY (ERCP): A COMMUNITY HOSPITAL EXPERIENCE.
Alexander Ramirez Valderrama, MD, Stephen Merola, MD, FACS, Armando Castro, MD, FACS, Joel Ricci, MD, Jason Sample, MD, FACS; New York Hospital Queens

P137 SURGICAL TREATMENT OF GIANT SMALL BOWEL DIVERTICULUM WITH ACUTE DIVERTICULITIS AND
MULTIPLES STONES: A CASE REPORT
66
Alexander Ramirez Valderrama, MD, Paryush Lakharia, MD, Howard Tiszenkel, MD,
FACS; New York Hospital Queens

P138 TEN-YEAR OUTCOME IN ACHALASIA: PROSPECTIVE STUDY OF SURGICAL MYOTOMY AND PNEUMATIC
DILATATION
Pakkavuth Chanswangphuwan, MD, Soravith Vijitpornkul, MD, Ajajna Techagumpuch, MD, Suppayut Punpengpong, MD,
Suthep Udomsaowangsu, MD, Patpong Navicharem, MD, Chadin Tharavej; Department of Surgery, Faculty of Medicine,
Chulalongkorn University, Bangkok, Thailand

P139 OUTCOME OF BOUGIENAGE DILATATION IN COMPLEX CORROSION ESOPEGHIC STRICTURES
Pakkavuth Chanswangphuwan, MD, Soravith Vijitpornkul, MD, Ajajna Techagumpuch, MD, Suppayut Punpengpong, MD, Suthep Udomsaowangsu, MD, Patpong Navicharem, MD, Chadin Tharavej; Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

P140 MULTIDIMENSIONAL ANALYSIS OF LEARNING CURVE IN LAPAROSCOPIC GASTRECTOMY FOR GASTRIC CANCER AT A LOW-VOLUME CENTER IN NON-ENDEMIC AREA
Cheng-Chan Yu, MD, Hong-zen Yeh, MD, Jen-I Hwang, MD, Cheng-Chung Wu, John Wang, MD, PhD; Taichung Veterans General Hospital

P141 THE USE OF SURGICAL MESH IN THE TREATMENT OF HIATAL HERNIA AND GASTROESOPHAGIC REFUX,
LONG-TERM RESULTS
Morris E Franklin, MD, FACS, Rene Palomo, Guillermo Portillo, MD, Eduardo Perez, MD, Alexander Richard, MD, Karla Russe, MD, Alejandro Rodriguez, MD, Z Del Real, G Peralta, MD; Texas endosurgery institute, San Antonio, Texas

P142 REFRACTORY ANEMIA IN HUGE HIATAL HERNIA: SURGICAL MANAGEMENT.
Wael N Abdelsalam, MD, Khaled M Katri, MD, Galal M Abouelnagah, MD, Elsaid Elkaway, MD, Tamer N Abdelbaki, MD, MRCs, Msc; University of Alexandria Faculty of Medicine

P143 MULTIPOLE PORT SITE METASTASES AFTER LAPAROSCOPIC GASTRECTOMY FOR CANCER: A CASE REPORT AND LITERATURE REVIEW
Amani Jambhekar, MD, Josue Cherry, MD, John O’Laughlin, MS, Piotr Gorecki, MD; New York Methodist Hospital

P144 LAPAROSCOPIC GASTRIC DIVERTICULUM RESECTION: A NOVEL APPROACH
John M Shellenberger, MD, Arthur Rawlings, MD, MDiv, Wayne Hudson, MD, Jason Mizell, MD; University of Missouri - Columbia

P145 TIMED BARIUM SWALLOW VERSUS ESOPHAGEAL FUNCTION TESTING IN THE DIAGNOSIS OF ACHALASIA
Vikas Singhal, MD, Leena Khaitan, FACS; UNIVERSITY HOSPITALS-CASE MEDICAL CENTER, CLEVELAND

P146 REOPERATION AFTER FAILED ANTI-REFUX PROCEDURES
Andre Brandalisie, MD, Nilson C Aranha, MD, Claudia Lorenzetti, MD, Nelson A Brandalisie, PhD; Hospital Centro Medico de Campinas

P147 IMPACT OF OBESITY ON THE MORBIDITY OF LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR:
ANALYSIS USING THE NSQIP DATABASE
Rodu Pescarus, MD, Maria A Cassera, BS, Eran Shlomovitz, MD, Ahmed Sharata, MD, Kevin M Reavis, MD, Christy M Dunst, MD, Lee S Swanstrom, MD; Providence Cancer Center, Portland; The Oregon Clinic, Portland, Oregon

P148 COMPARATIVE STUDY OF CLINICAL OUTCOMES BETWEEN CONVENTIONAL LAPAROSCOPIC DISTAL
GASTRECTOMY AND PURE SINGLE-INCISION DISTAL GASTRECTOMY FOR EARLY GASTRIC CANCER.
Sang-Hoon Ahn, MD, Do Jong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital

P149 A ROBOT-ASSISTED PYLORUS PRESERVING GASTRECTOMY FOR EARLY GASTRIC CANCER: IS IT
BEETER THAN LAPAROSCOPY-ASSISTED SURGERY? Young-Woo Kim, Hong Man Yoon, Daniel Reim, Ji Yeon Park, Bang Wool Eom, Keun Won Ryu; Gastric Cancer Branch, Research Institute and Hospital, National Cancer Center

P150 CONTEMPORARY OUTCOMES OF FIRST-TIME LAPAROSCOPIC REOPERATIVE FUNDOPPLICATION
Stephanie G Worrell, MD, Daniel S Oh, MD, Christina L Greene, MD, Jeffrey A Hagen, MD, Steven R DeMeester, MD; Keck School of Medicine, University of Southern California
Poster Listing

P151 QUALITY OF LIFE ASSESSMENT AFTER PERORAL ENDOSCOPIC MYOTOMY: Y Vigneswaran, MD, R Tanaka, M Gitelis, J Carbrey, BS, M Ujiki, MD, FACS; NorthShore University Health System

P152 LAPAROSCOPIC REPAIR OF PARAESOPHAGEAL HERNIAS WITH FALCIFORM LIGAMENT BUTTRESS: Raymond Laird, DO, Nathan Richards, MD, Fred Brody, MD, MBA, FACS; The George Washington University Medical Center

P153 LAPAROSCOPIC PROPHYLACTIC GASTRECTOMY FOR CDH-1 GERMLINE MUTATION: John H Rodriguez, MD, Kevin M El-Hayek, MD, Matthew Kroh, MD, Sricharan Chalikonda, MD, Matthew Walsh, MD; Cleveland Clinic Foundation

P154 MANAGEMENT OF INTRA-THORACIC ANASTOMOTIC LEAK AFTER ESOPHAGECTOMY: A SINGLE CENTER EXPERIENCE: Z Torgersen, MD, K Lohani, MBBS, P Pallati, MBBS, E Hagen, BS, K Nandipati, MBBS, T Lee, MD, S K Mittal, MBBS; Creighton University Department of Surgery

P155 ESOPHAGEAL ANASTOMOSISLES USING THE ORVIL CIRCULAR STAPLER IN MAJOR UPPER GASTROINTESTINAL SURGERY: Benjamin C Knight, MD, Samuel J Rice, MBBS, Peter G Devitt, MS, Andrew Lord, MBBS, Philip A Game, MBBS, Sarah K Thompson, MD, PhD; University of Adelaide, Royal Adelaide Hospital, Queen Elizabeth Hospital

P156 RISK FACTORS FOR POST-FUNDOPICATION DYSPHAGIA: USE OF HIGH-RESOLUTION MANOMETRY: Se Ryung Yamamoto, Tommy H Lee, Kalyana C Nandipati, Pradeep Pallati, Kush R Lohani, Sumeet K Mittal; Department of Surgery, Creighton University School of Medicine, Omaha, Nebraska

P157 SPONTANEOUS PNEUMOBILIA FROM DUODENAL B-CELL LYMPHOMA: Ashish Padnani, Darshak Shah, Talat Addassi; New York Hospital Queens

P158 LAPAROSCOPIC ANTIREFLUX PROCEDURES WITH HEPATIC SHOULDER TECHNIQUE FOR THE SURGICAL MANAGEMENT OF LARGE PARAESOPHAGEAL HERNIAS AND GASTROESOPHAGEAL REFLUX DISEASE: FOLLOW-UP SERIES: Philippe J Quilici, MD, Alexander S Tovar, MD, Miranda Boeh, RN-NP, Kim Lewan, RN-NP; Department of Surgery, Providence Saint Joseph Medical Center, 201 South Buena Vista Street, Suite 425, Burbank, CA 91505, USA

P159 IMPROVEMENT IN MENTAL HEALTH AND SOCIAL FUNCTIONING AFTER LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA: Steven Lorch, MD, Vic Velanovich, MD; University of South Florida College of Medicine

P160 LAPAROSCOPIC SURGERY IN GASTRIC CANCER: WHY AREN’T WE THERE YET?: M Mehdi Ozmen, MD, MS, FACS, FRCs, Testvik T Sahin, MD, PhD, Sibel Gellecek, MD, Ismail Biligic, MD, Emre Gundogdu, MD, Kuzey Moral, MD, Hacettepe University, Medical School, Department of Surgery and Ankara Numune Hospital, Department of Surgery, Ankara

P161 USE OF LAPAROSCOPIC APPROACH IN GASTRIC TUMORS AT THE NATIONAL CANCER CENTER (MEXICO): Itzel Vela Sarmiento, MD, Horacio Noe Lopez Basave, md, Angel Herrera Gomez, md, Javier Melchor Ruan, MD, Abelardo Meneses, md, Juan M Ruiz Molina, md, Alejandro Padilla R, md; National Cancer Center Mexico

P162 LAPAROSCOPIC REPAIR OF GIANT TYPE III HIATAL HERNIA WITHOUT MESH REINFORCEMENT: Thiago Boechat, MD, Leonardo Ferraz, MD, Marcio Balieiro, MD, Baltazar Fernandes, MD, Jose Ribamar Azevedo, MD; Bonsucesso Federal Hospital

P163 UTILIZATION OF BIOLGIC MESH MATERIALS IN REPAIR OF INCISIONAL HERNIAS AMONG PERITONEAL DIALYSIS PATIENTS: A NOVEL APPROACH TO OPTIMIZING OUTCOMES: Floras A Morfesis, MD, Brian P Rose, MPH; Owen Drive Surgical Clinic of Fayetteville

P164 SELECTIVE PLACEMENT OF SYNTHETIC MESH DURING CLEAN-CONTAMINATED LAPAROSCOPIC BARIATRIC PROCEDURES IS SAFE: Edward J Hannoush, MD, Kurt E Roberts, MD, Robert L Bell, MD, Andrew J Duffy, MD; Yale University, Yale School of Medicine

P165 THE CLINICAL TRIAL OF THE IDEAL MESH PLACEMENT FOR THE LAPAROSCOPIC INGUINAL HERNIA REPAIR WITH THE ELASTICATED MESH: Hideto Oishi, MD, Fumi Maeda, MD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takuya Satou, MD, Takayuki Iino, MD, Hidekazu Kuramuchi, MD, Shunsuke Onizawa, MD, Eiichi Hirai, MD, Mie Hamano, MD, Tomotaka Nakamura, MD, Tatsu Arai, MD, Yachiyo Medical Center, Tokyo Women’s Medical University

P166 EARLY EXPERIENCE WITH A NEW ANATOMICAL MESH FOR ENDO-LAPAROSCOPIC INGUINAL HERNIA REPAIR: Suith J Wijerathne, MBBS, MRCs, Narendra Agarwal, MBBS, MS, Dino A Liem, MD, Davide Lomanto, MD, PhD, FAMS; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore

P167 SINGLE INCISION LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL MESH HERNIOLAPLASTY FOR INGUINAL HERNIA IN 100 JAPANESE PATIENTS: Kazuo Tanoue, MD, PhD, FACS, Hidenobu Okino, MD, PhD, Masamitsu Kanazawa, MD, PhD, Kiichiro Ueno, MD, PhD; Ueno Hospital, Fukuoka, Japan

P168 OPEN INGUINAL HERNIA REPAIR WITH THE COMBINED USE OF A SELF-FIXATING MESH AND ELECTIVE NEURECTOMY: A LONG-TERM FOLLOW-UP: Dimitrios Tzakayannis, MD, PhD, Andreas Kiriakopoulos, MD, Dimitrios Linos, MD, Department of Surgery, Hygeia Hospital, Athens, Greece

P169 AN OBSERVATIONAL STUDY OF LATENT INGUINAL HERNIAS DURING LAPAROSCOPIC SURGERY FOR OTHER SITES: Yuka Mino, Fumihiko Fujita, Daizuke Kawahara, Takehiro Mishima, Yasuhiro Torashima, Shinichiro Ito, Shigeki Minami, Kengo Kanetaka, Motohishisu Takatsuki, Tomotaka Ueno, Susumu Eguchi Eguchi; Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences

P170 DETERMINING THE PROPER DISTANCE FOR TRANS-ABDOMINAL SUTURES IN VENTRAL HERNIA REPAIRS: THE HIGGINS FORMULA: Andrew C McCoy, MD, James Rifenbery, MD, Michael Higgins, MD; Franciscan Health System

P171 READMISSION RATES AFTER OUTPATIENT LAPAROSCOPIC VENTRAL HERNIA REPAIR: F Charles Moore, DO, MS, Konstantinos Spaniolas, MD, William H Chapman, MD, John Pender, MD, Mark Manwaring, MD, Walter Pories, MD, East Carolina University, The Brody School of Medicine

P172 FEMORAL VS INGUINAL HERNIA REPAIR: LONG-TERM CLINICAL AND QUALITY OF LIFE (QOL) OUTCOMES FROM A PROSPECTIVE, INTERNATIONAL DATABASE: Joel F. Bradley III, MD, K Williams, MD, B A Warner, MD, A L Walters, MS, K T Dacey, MHA, B T Heniford, MD, V A Augenstein, MD; Carolinas Medical Center

P173 DOES CONCURRENT INGUINAL HERNIA REPAIR DURING ROBOTIC PROSTATECTOMY INCREASE THE RISK OF INFECTIONS?: Steven Garcia, MD, Monica Morgan, MD, Jeffrey A Cadeddu, MD, Claus Roehrborn, MD, Daniel J Scott, MD; UT Southwestern Medical Center
P174 TOTALLY EXTRAPERITONEAL REPAIR FOR INCISIONAL HERNIA
Kuo-Hsin, MD, Chiau Chou-Ming, MD, Chen Shih-Jian, MD, Chen Ying-Da, MD, Huang Hsi-Yu, MD, Jeng Kuo-Shyang, MD, Lin Tzu-Chao, MD, Siow Tiing-Foong, MD, Sam Shao-Yin, MD, Lo Cho-Man, MD; Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, Ban Ciao, Taipei, Taiwan

P175 PROSPECTIVE COMPARISON BETWEEN REDUCED PORT LAPAROSCOPIC HIATAL HERNIA REPAIR AND USUAL 5 PORT ONE
Koji Hattori, MD, PhD, Takeshi Tanaka, MD, Kazunao Nakano, MD, Isao Taura, MD, PhD; Endoscopic Surgery Center, Gyotoku General Hospital

P176 AN UMBRELLA APPROACH TO LARGE OR MASSIVE INCISIONAL HERNIAS WITH OPEN COMPONENTS SEPARATION AND BIOLOGIC MESH REINFORCEMENT
Gordon Lee, BS, Audriene Sanchez, MS, Heidi Ryan, MD, Shawn Tsuda, MD, FACS; University of Nevada School of Medicine

P177 PATIENT REPORTED OUTCOMES FOLLOWING LAPAROSCOPIC VENTRAL HERNIA REPAIR R M Antiel, MD, MA, S C Dupont, MD, M J Samaha, K V Ballman, PhD, J Bingenter, MD; Mayo Clinic, Rochester MN

P178 LAPAROSCOPIC PARASTOMAL HERNIA REPAIR WITH DEFECT CLOSURE: TECHNIQUES AND PRELIMINARY RESULTS
Sunthet Udomsawangsum, MD, Saravith Vijitponkul, MD, Pakkavuth Chanswangphuvana, MD, Ajajna Techagumpuch, MD, Suppasut Fungpaopong, MD, Chadin Tharavej, MD, Patpong Navicharem, MD; Chula Minimally Invasive Surgery Center, Chulalongkorn University

P179 MESH INFECTION SALVAGE WITH LOCALLY BEE-HONEY APPLICATION
Esmer David, PhD, Salas Monica, PhD, Alvarez-Acosta Fernandez, PhD, Muñiz Alejandro, PhD; central hospital

P180 UNDERLAY VERSUS RETRORECTUS MESH PLACEMENT IN COMPLEX VENTRAL HERNIA REPAIR UTILIZING ENDOSCOPIC COMPONENT SEPARATION M Gustafson, MD, R Kimball, MD, B Pellini, MD, I Daoud, MD, FACS; Department of Minimally Invasive Surgery, St. Francis Hospital and Medical Center; Hartford, CT

P181 THE INFLUENCE OF HIATAL HERNIA SIZE ON RECURRENCE RATE FOLLOWING LAPAROSCOPIC HIATAL HERNIA REPAIR
Aaron M Williams, BA, Salomon Levy, MD, Daniel Davenport, PhD, Margaret Plymale, MSN, RN, J. Scott Roth, MD; The University of Kentucky, Department of Surgery, Division of Gastrointestinal Surgery and Minimally Invasive Surgery

P182 LAPAROSCOPIC PARASTOMAL HERNIA REPAIR: NO DIFFERENT THAN A LAPAROSCOPIC VENTRAL HERNIA REPAIR? Salomon Levy, MD, Margarette Plymale, RN, Daniel P Davenport, PhD, J. Scott Roth, MD; University of Kentucky

P183 PROSPECTIVE EVALUATION OF SELF-GRIPPING MESH (PARIETEX PROGRIP™) WITHOUT ADDITIONAL FIXATION DURING LAPAROSCOPIC TOTAL EXTRAPERITONEAL (TEP) INGUINAL HERNIA REPAIR: ONE YEAR RESULTS IN 102 HERNIAS
Andrew Bates, MD, Mark Reiner, MD, Andrew Wu, MD, Brian P Jacob, MD; Mount Sinai Medical Center, NYC

P184 SINGLE UMBILICAL TANGENTIAL INCISION (SUTI) LAP-TEP INGUINAL HERNIA REPAIR
Jun-Beom Park, MD, Myung-Hoon Lim, MD, Ji-Young Sul, PhD, MD; Chungnam National University Hospital

P185 FIBRIN SEALANTS FOR THE PREVENTION OF POSTOPERATIVE PANCREATIC FISTULA FOLLOWING PANCREATIC SURGERY (A COCHRANE REVIEW)
Nansheng Cheng, MD, Xianze Xiong, MD, Su Peng, MD, Yao Cheng, MD; West China Hospital, Sichuan University

P186 CHOLANGIOCARCINOMA IN HEPATIC HEMANGIOMA WITH HEPATITIS B INFECTION Yoo Cheng, MD, Nansheng Cheng, MD, Xianze Xiong, MD; Department of Bile Duct Surgery, West China Hospital, Sichuan University

P187 TRANSUMBILICAL MULTI-MINI PORT CLIPLESS CHOLECYSTECTOMY WITHOUT USING TRIPORT Muhammad Nadeem, House Officer, Mustafa Kamal Pasha, Professor, NISHTAR MEDICAL COLLEGE AND HOSPITAL

P188 LAPAROSCOPIC CHOLECYSTECTOMY (SILC) WITH CONVENTIONAL THREE PORT LAPAROSCOPIC CHOLECYSTECTOMY Muhammad Nadeem, House Officer, Zafar Ali Ch, Professor, Burhan ul Haq, Resident, JINNAH HOSPITAL

P189 EXPERIENCE WITH THE TREATMENT OF LAPAROSCOPIC COMMON BILE DUCT EXPLORATION FOR COMMON BILE DUCT STONES WITH NONSEVERE ACUTE CHOLANGITIS Bin Zhu, MD, Yan Wang, MD, Ke Gong, MD, Yiping Lu, MD, Yu Ren, MD, Xiaohou Hou, MD, Nengwei Zhang, MD; Department of General Surgery of Beijing Shijitan Hospital, Capital Medical University

P190 THE STUDY OF THE THROMBOPHILIC RISK FACTORS IN THE PATIENTS WITH HYPERCOAGULABLE STATE UNDERWENT LAPAROSCOPIC CHOLECYSTECTOMY Ke Gong, MD, Yankai Zhang, MD, Nengwei Zhang, MD, Dexiao Du, MD; Beijing Shijitan Hospital, Capital Medical University

P191 LAPAROSCOPIC SPLENIC PRESERVING DISTAL PANCREATECTOMY FOR RETRIEVAL OF A PROXIMALLY MIGRATED PANCREATIC STENT. Ziad T Awad, MD, FACS, Justin C McCarty, BS, Michael Herman, DO, FACP, Jose Nieto, DO, FACP; University of Florida - Jacksonville

P192 MINIMAL INVASIVE TREATMENT FOR PATIENT WITH SITUS INVERSUS TOTALIS WITH DIAGNOSIS BILIARY PANCREATITIS G Peralta, MD, E Ortiz, md, A Tope, Z Del Real, A Palomo, MD, Alex Rodriguez, MD; Hospital Metropolitano “Bernardo Sepulveda”

P193 LAPAROSCOPIC HEPATECTOMY FOR DORSAL REGION OF THE RIGHT LOBE WITH A TRANSTHORACIC PORT Masayasu Aikawa, MD, PhD, Mitsuo Miyazawa, Katsuya Okada, Yukihiro Watanabe, Shigeki Yamaguchi, Shinichi Sakuramoto, Isamu Koyama; Gastrointestinal Center, Saitama Medical University, International Medical Center

P194 Withdrawn

P195 LAP DISTAL PANCREATECTOMY IN BENIGN PANCREATIC CYST/TUMOR (INSULINOMA) Errowan Wiradisuria, MD; Premier Bintaro Hospital, Bintaro, Indonesia

P196 TELAPREVIR WITH ADJUSTED DOSE OF RIBAVIRIN IN NAIVE CHC-G1: EFFICACY AND TREATMENT IN CHC IN HEMODIALYSIS POPULATION. TARGET C TRIAL- A PLACEBO RANDOMIZED CONTROL CLINICAL TRIAL P. Patrick Basu, MD, MRCP, FACC, AGAF, Niraj J Shah, MD, Md Ashique, MD, Sakina Farhat, MD, Ravi Siriki, MD; 1. Columbia University College of Physicians and Surgeons, NY 2. NSUJHS/ Hofstra North Shore LI School of Medicine, NY 3. James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

P197 ROMIPLOSTIM’S EFFECT TO OPTIMIZE SVR WITH TELAPREVIR, RIBAVIRIN, AND PEGINTERFERON-ALFA 2A IN THROMBOCYTOPENIC CIRRHOTICS WITH CHRONIC HEPATITIS C A PLACEBO CONTROLLED PROSPECTIVE CLINICAL TRIAL. RESTRAINT C TRIAL. Prithwijit Basu, MD, MRCP, FACC, AGAF, Niraj J Shah, MD, Ravi Siriki, MD, Md Ashique, MD, Sakina Farhat, MD; 1Columbia University College of Physicians and Surgeons, NY 2 NSUJHS/ Hofstra North Shore LI School of Medicine, NY, 3 James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY
P198 ROLE OF INTRAVENOUS N-ACETYL CYSTEINE (NAC) WITH STEROID IN ACUTE ALCOHOLIC HEPATITIS (AAH) WITH HIGH MORBIDITY SCORE: A RANDOMIZED OPEN LABEL PROSPECTIVE CLINICAL PILOT TRIAL
Patrick Basu, MD, MRCGP, FACC, AGAF. Niraj J Shah, MD, Richard Huang, Medical Student, UI, Ravi Siriki, MD, Asit Ashique, MD, Sakina Farhat, MD. 1. Columbia University College of Physicians and Surgeons, NY 2. NSUH&S/ Hofstra North Shore LIJ School of Medicine, NY 3. James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

P199 MANAGEMENT OF AN UNUSUAL CASE OF LOWER GASTRO-INTESTINAL BLEEDING: ULCERATING CHOLEDOCHOCELE
E Ray Offor, MBBS, FWACS, DMAS, S. N. Elweno, MBBS, FWACS, P. O Igwe, MBBS; University of Port-Harcourt Teaching Hospital Port-Harcourt Rivers State Nigeria

P200 POSITIVE LYMPH NODE TO RECOVERED LYMPH NODE RATIO AS A PREDICTOR OF SURVIVAL IN PATIENTS WITH PANCREATIC DUCTAL ADENOCARCINOMA
Ambar Banerjee, MD, Lee Coghill, BS, Elango Edhayan, MD, Richard Berri, MD; Department of Surgery, Division of Surgical Oncology, St John Hospital and Medical Center Detroit, MI, USA

P201 USAGE OF A SOFT-COAGULATION DEVICE FOR SAFE PERFORMANCE OF TOTAL LAPAROSCOPIC HEPATECTOMY: DETACHMENT AND TRANSSECTION OF BLOOD VESSELS USING A MONOPOLAR SOFT-COAGULATION DEVICE
Mitsuo Miyazawa, MD, Masayasu Akawa, MD, Katsuyoshi Okada, MD, Kojun Okamoto, MD, Shigeki Yamaguchi, MD, Isamu Koyama, MD; Saitama Medical University International Medical Center

P202 LEARNING CURVE OF SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY: A PRELIMINARY STUDY IN A TEACHING HOSPITAL
Jinyan Han, Shuodong Wu, Yang Su, Jing Kong, Yu Tian, Ying Fan; Biliary and Vascular Ward, Shengjing Hospital of China Medical University

P203 LAPAROSCOPIC TREATMENT OF LIVER HYDATID DISEASE IN CASES OF CYST RUPTURE
Senik Tokpanov, Sagidullia Dosmagembetov, Vladimir Koltovskiy: 1. Hospital of the Presidents Administration of Republic of Kazakhstan, Astana, Kazakhstan 2. Department of Laparoscopic Surgery, Regional Pediatric Hospital, Aktoke, Kazakhstan

P204 THE APPLICATION OF SINGLE-INCISION LAPAROSCOPIC SURGERY ON THE RESECTION OF HEPATIC HEMANGIOMA: INITIAL EXPERIENCE AND CURRENT UPDATE
Dianbo Yao, Shuodong Wu, Xiaopeng Yu, Ying Fan, Jing Kong, Yongsheng Chen; Department of Vascular and Bile Duct Surgery, Shengjing Hospital, China Medical University, Shenyang, China

P205 LAPAROSCOPY AND IJC IN GALLBLADDER CHOLECYSTECTOMY
Remnant Praneetha Narachari, MD: Saint Agnes Medical Center, Fresno, CA

P206 SINGLE PORT CHOLECYSTECTOMY: STANDARD TECHNIQUE IN 100 CASES
Sergio Rojas Artega, MD, Emina Pasic, MD, Rachid Cesin, MD, Gerardo Reed, MD, Daniel Arizpe, MD, Cris Gomez, RN, Luis Miguel Campos, PE; HOSPITAL ANGELES / Puebla -MEXICO.

P207 SISL HEPATECTOMY FOR HEPATIC HYDATID DISEASE: A CASE REPORT
Tuna Bilecik, Burhan Mayir, Cemal Ozben Ensari, Mehmet Akif Turkoglu, Mehmet Tahir Oruc; Ramazon Eryilmaz; Antalya Education and Research Hospital

P208 THREE PORT LAPAROSCOPIC CHOLECYSTECTOMY
Burhan Mayir, Tuna Bilecik, Cemal Ozben Ensari, Erdem Can Yardimci, Mehmet Tahir Oruc; Antalya Education and Research Hospital

P209 ADENOCARCINOMA OF THE DUODENUM: USEFULNESS OF INTRAOPERATIVE ENDOCOSPY
Alberto Montori, MD, M. Gasparrini, MD, M. Onorato, MD, F. Mari, MD, T. Di Cesare, MD, T. *v. Petrozza, MD, *n. Porta, MD; *I. Santini, MD; Rome University “Sapienza” *Pathology Unit ICoT.

P210 PRIMARY CARCINOSARCOMA AND SARCOMATOID CARCINOMA OF THE LIVER: CLINICAL FEATURES, SURGICAL TREATMENT, AND PROGNOSIS
Iiong Lu, MD, NanSheng Cheng, MD; Department of Bile Duct Surgery, West China Hospital, Sichuan University, Chengdu, Sichuan Province, China

P211 TEN REASONS TO USE FLUORESCENT CHOLANGIOGRAPHY IN LAPAROSCOPIC CHOLECYSTECTOMY
Fernando Dip, MD, Mayank Roy, MD, Emanuele Lo Menzo, MD, Conrad Simpfendorfer, MD, Samuel Szomstein, MD, Raul Rosenthal, MD; Cleveland Clinic Florida

P212 ROLE AND LIMITATIONS OF INDOCYANINE GREEN NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY: EXPERIENCE IN 100 PATIENTS
Pedro Ferraina, MD, Fernando Dip, MD, Mario Nahmod, MD, Lisanore Alle, MD, Carolina Ampudia, MD, Abraham Abdemur, MD, Lo Menzo Emanuele, MD, PhD, Conrad Simpfendorfer, MD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

P213 THE EFFICACY AND SAFETY OF LAPAROSCOPIC COMMON BILE DUCT EXPLORATION (LCBDE) FOR PATIENTS WHO HAVE HAD PREVIOUS OPERATIONS.
Yoshihide Chino, PhD, Masaki Fujimura, PhD, Isao Sato, MD, Hajime Yamazaki, PhD, Makoto Mizutani, PhD, Tomatake Tabata, MD, Iwao Kitazono, MD; Dairichi-Towakai-Hospital endoscopic surgery center

P214 AN UNUSUAL CASE PRESENTED WITH COINCIDENCE OF PRIMARY HEPATIC NEUROENDOCRINE TUMORS AND GALLBLADDER ADENOCARCINOMA
Iiong Lu, MD, NanSheng Cheng, MD; Department of Bile Duct Surgery, West China Hospital, Sichuan University, Chengdu, Sichuan Province, China

P215 EFFECT OF ROWACHOL ON PREVENTION OF POSTCHOLECYSTECTOMY SYNDROME AFTER LAPAROSCOPIC COLECYSTECTOMY
In Woong Han, MD, Do Young Lee, MD, Oh Chong Kwon, MD, Min Gu Oh, MD, PhD, Seung Eun Lee, MD, PhD; Departments of Surgery, Dongguk University College of Medicine, Goyang, South Korea

P216 “ADULT PANCREATIC HEMANGIOMA” CASE REPORT AND LITERATURE REVIEW
Unenbat Gurbadam, MD; National Cancer Center of Mongolia

P217 ROLE OF ROUTINE INTRAOPERATIVE CHOLANGIOGRAPHY DURING LAPAROSCOPIC CHOLECYSTECTOMY
Ashwani Kumar, MBBS, MS, Upasna Kumar, MBBS, MS, Anand Mungaday, MBBS, Ashwini Bawa, MBBS, MS; Government Medical College, Patiala (Punjab). India

P218 A METHOD FOR MEASURING COPPER ABSORPTION USING A SHORT-LIVED ISOTOPE (64Cu)
Paul M Tasker, FRCS, Joan Braganza, DSc, FRCP, Harbans Sharma, MSc, PhD, DSc; Manchester Royal Infirmary

P219 COPPER ABSORPTION IN CHRONIC PANCREATITIS
Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP; Manchester Royal Infirmary

P220 THE INFLUENCE OF PH IN PROXIMAL SMALL BOWEL PERFUSION ON 64Cu ABSORPTION IN ANAESTHETISED RATS
Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, Joan Braganza, DSc, FRCP, Maynard Case, BSc, PhD; Manchester Royal Infirmary

P221 INFLUENCE OF PH, DOSE VOLUME, HUMAN PANCREATIC JUICE AND BILE ON 64Cu ABSORPTION FROM THE RAT CLOSED DUOJEJUNAL LOOP.
Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, Joan Braganza, DSc, FRCP, Maynard Case, BSc, PhD; Manchester Royal Infirmary
### Poster Listing

<table>
<thead>
<tr>
<th>Poster Number</th>
<th>Title</th>
<th>Authors</th>
<th>Affiliations</th>
</tr>
</thead>
<tbody>
<tr>
<td>P223</td>
<td>Gallstone Ileus in the Setting of Situs Inversus</td>
<td>Heidi J Miller, MD, MPH; Nadia Awad, MD, Jihan Hegazy, MD; FACs; Albert Einstein Healthcare Network</td>
<td>Bundang Hospital, Seoul National University College of Medicine</td>
</tr>
<tr>
<td>P224</td>
<td>Haemobilia Secondary to a Non Traumatic Cystic Artery Pseudoaneurysm Presenting as Massive Upper GI Bleed Managed by Minimally Invasive Surgery: Case Report</td>
<td>Ahmed Hammad, Mr, Mohamed Attique, Mr, Imran Inam, Mr, Manreek Basi, Dr, Mohamed Sajed, Dr, Sajed Mahmud, Mr; Upper GI unit, Haymrys Hospital, NHS Lanarkshire, Glasgow</td>
<td></td>
</tr>
<tr>
<td>P225</td>
<td>An Interesting Case of Men Type 1 Diagnosed on Workup for Cholecystitis</td>
<td>Darshak Shah, MD, MBBS; Alexander Valderrama Ramirez, MD, Ashish Padnani, MBBS, Talat Addasi, MD; New York Hospital Queens, Queens</td>
<td></td>
</tr>
<tr>
<td>P226</td>
<td>Does Ultrasound Predict Interooperative Findings at Cholecystectomy? An Institutional Review</td>
<td>Shannon Stogryn, BSc, MBBS; Jennifer Metcalfe, MD, Ashley Vergis, MD, MMEd, FRCS, FACS, Krista Hardy, MSc, MD, FRCS; University of Manitoba</td>
<td></td>
</tr>
<tr>
<td>P227</td>
<td>A Novel Approach for Total Laparoscopic Pancreatocoduodenectomy</td>
<td>Yeping Mou, MD, FACS; Xiaowu Xu, MD, WEIwei Jin, MS, Jiafei Yan, MS, Yuchen Zhou, MS, Ke Chen, MS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University</td>
<td></td>
</tr>
<tr>
<td>P229</td>
<td>Totally Laparoscopic Right Hepatotomy With Modified Liver Hanging Technique</td>
<td>Gadjyaram Srikanth, MCh; Neel Shetty, DNB; Institute of Gastroenterology, Global Hospitals, Bangalore</td>
<td></td>
</tr>
<tr>
<td>P230</td>
<td>Laparoscopic Cholecystectomy: Comparing With Open Surgery</td>
<td>Sung Hoon Choi, MD, Chang Moo Kang, MD, Sung Hwan Lee, MD, Jin Ho Lee, MD, Ho Kyoung Hwang, MD, Woo Jung Lee, MD, PhD; Division of hepatobiliary and pancreas, Department of Surgery, Yonsei University College of Medicine, Seoul, Korea</td>
<td></td>
</tr>
<tr>
<td>P231</td>
<td>Laparoscopic Pancreas-Sparing Subtotal Duodenectomy in Gastrointestinal Stromal Tumor of the Duodenum: Comparison with Open Surgery</td>
<td>David Aguirre-mar, MD, MSM, MEdu, Pancreatic Cancer and Medical College, India, Dietmar Osswald, MD, University of Ulsan College of Medicine, Seoul, Korea</td>
<td></td>
</tr>
<tr>
<td>P232</td>
<td>Withdrawn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P233</td>
<td>Withdrawn</td>
<td></td>
<td></td>
</tr>
<tr>
<td>P234</td>
<td>Laparoscopic Liver Resection: An Early Experience in a Resource Limited Country</td>
<td>Tsiregzen Enkh-Aamgalan, MD, Jigjidsuren Chiburen, MD, Katie M Wells, MD, Erdenbileg Taivanbaatar, MD, Gurbadam Unenbat, MD, Dagvadorj Munkhbat, MD, Erdene-Ochir Dulguun, MD, Raymond Price, MD; National Cancer Center of Mongolia, University of Utah Center for Global Surgery, Intermountain Health Care</td>
<td></td>
</tr>
<tr>
<td>P235</td>
<td>Right Posterior Sectionectomy in Patients with Hepatocellular Carcinoma in the Era of Laparoscopic Surgery</td>
<td>Jai Young Cho, Ho Seong Han, Yoo Seok Yoon, Da Wook Hwang, Kyuwhan Jung, Young Ki Kim, Hong Kyung Shin, Woohyung Lee; Seoul National University Bundang Hospital, Seoul National University College of Medicine</td>
<td></td>
</tr>
<tr>
<td>P236</td>
<td>Laparoscopic Median Pancreatectomy for Select MD Body Tumors: Our Indications, Technique, and Results</td>
<td>C Paloniello, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS; P Provene Raj, MS, V P Nalankilli, MS, S Balamurali, MS, S Srivastan, MS; GEM Hospital &amp; Research Centre, Coimbatore, INDIA</td>
<td></td>
</tr>
<tr>
<td>P237</td>
<td>Laparoscopic Cholecystectomy</td>
<td>Adrian Maghia, Prof, PhD, MD, George Dejue, Teodor Maghia, Prof, PhD, MD, Alin Suta, MD; Spitalul Pelican Oradea</td>
<td></td>
</tr>
<tr>
<td>P238</td>
<td>Single-Port Laparoscopic Liver Surgeries</td>
<td>Soo Ho Lee, Eun Young Kim, Sung Kyun Park, Jae Hyeon Han, Gun Hyung Na, Ho Joong Cho, Tae Ho Hong, Young Chul Yoon, Dong Goo Kim, Young Kyong You; The Catholic University of Korea, Seoul St. Mary’s Hospital</td>
<td></td>
</tr>
<tr>
<td>P239</td>
<td>Effect of PPI Use on the Diagnosis of Biliary Dyskinesia with CCK Hida Scintigraphy</td>
<td>Wesley A Dailey, MD, Steven Bowers, MD, John A Stauffer, MD, Horacio J Asbun, MD, Mauricia A Buchanan, RN, Eric Lam, BS, Mayo Clinic Florida</td>
<td></td>
</tr>
<tr>
<td>P240</td>
<td>Laparoscopic Rendezvous: An Effective Treatment for Patients with Cholelithiasis and Cholecystolithiasis</td>
<td>Brijendra Singh, MMSChGl Surgery, Shahan Gupta, MS, V Khushtri, MD,MMEDICAL, Gastroenterology, Arun Khanduri, MDDM, MEDICAL, Gastroenterology, Alok Gupta, MDDM, Gastroenterology; Regency Hospital, KANPUR, INDIA AND MEDICAL COLLEGE CALCUTTA, INDIA</td>
<td></td>
</tr>
<tr>
<td>P241</td>
<td>Laparoscopic Pancreaticectomy of Acinar Pancreatic Cancer</td>
<td>David Aguirre-mar, MD, MSM, MEdu, Eduardo Giasì, MD, Genaro Vazquez, MD, Paola Riba, MD; Medical Arts Institute - ISTEM School of Medicine</td>
<td></td>
</tr>
<tr>
<td>P242</td>
<td>Management of a Recurrent Pancreatic Pseudocyst</td>
<td>Christian Cusin, MD, Lucas O Tijerina, MD, Miguel A Zapata, MD, David Orozco, MD, Jorge Caniù, MD, Jorge Balli, MD; CHRISTUS MUGUERZA</td>
<td></td>
</tr>
<tr>
<td>P243</td>
<td>Outcome Following Laparoscopic Treatment for Liver Hydatid Cyst: Single-Institution Experience</td>
<td>Bulent C Yuksel, AssProf, Tezcan Akın, MD, Savaş Baba, MD, Hüseyin Berkem, MD, Hakan Ozel, MD, Fatih M Ayşar, Prof; Ankara Numunе Education and Research Hospital/Department of General Surgery</td>
<td></td>
</tr>
<tr>
<td>P244</td>
<td>Laparoscopic Pancreas Surgery for Solid Pseudopapillary Tumor in Children</td>
<td>Jung-Man Namgoong, MD, Dae-Yeon Kim, MD, PhD, Song-Choel Kim, MD, PhD, Seong-Chul Kim, MD, PhD, Ki-Byung Song, MD, PhD, Ji-Hee Hwang, MD; Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea</td>
<td></td>
</tr>
<tr>
<td>P245</td>
<td>Experiences of Laparoscopic Liver Resection for Liver Tumors in Pediatric Patients: Initial 11 Cases</td>
<td>Jung-Man Namgoong, MD, Dae-Yeon Kim, MD, PhD, Seong-Chul Kim, MD, PhD, Ki-Hyun Kim, MD, PhD, Ji-Hee Hwang, MD; Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea</td>
<td></td>
</tr>
<tr>
<td>P246</td>
<td>Importance of the Node of Calot in Gall Bladder Neck Dissection: A Novel Standardized Approach to the Laparoscopic Cholecystectomy</td>
<td>Michael Timoney, MD, Sharique Nazir, MD, David Swedler, MD, George S Ferzli, MD, FACS; Lutheran medical Center, Brooklyn, New York</td>
<td></td>
</tr>
<tr>
<td>P247</td>
<td>Treatment and Removal of a Double Gallbladder with Two Distinct Stone Compositions: A Case Report</td>
<td>Andrea Zelisko, MD, Walter Chlysta, MD, FACS, Akron General Medical Center</td>
<td></td>
</tr>
<tr>
<td>Poster Listing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P248</strong> 4-CHANNEL SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY USING A SNAKE RETRACTORS</td>
<td>In Seok Choi, PhD, Naksong Sung, MD, Wonjun Choi, MD, Ju Ik Moon, MD, Daesung Yoon, MD, Yumi Ra, MD; Department of Surgery, Konyang University Hospital, Daejeon, Korea</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P249</strong> SIMULTANEOUS LAPAROSCOPIC 58 SEGMENTECTOMY OF LIVER AND LADG IN PATIENT WITH SYNCHRONOUS HCC AND EGC</td>
<td>In Seok Choi, PhD, Naksong Sung, MD, Wonjun Choi, MD, Sangeek Lee, MD, Juik Moon, MD; Department of Surgery, Konyang University Hospital, Daejeon, Korea</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P250</strong> LAPAROSCOPIC APPROACH FOR LARGE POLYPOID LESIONS AND CANCER OF THE GALLBLADDER</td>
<td>Radhe P Torabi, MD, Zhi Ven Fong, MD, David W Rattert, MD, Keith D Lilemoe, MD, Cristina R Ferrone, MD; Department of Surgery, Massachusetts General Hospital</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P251</strong> UTILITY OF VESSEL SEALING SYSTEM IN LAPAROSCOPIC HEPATECTOMY</td>
<td>Fumiki Kushihata, Takaaki Takebayashi, Tetsuya Mizumoto, Shoichi Kageyama, Hitoshi Inoue, Akihiro Takai, Jota Wataneb, Taisei Toyama, Yasutugu Takada; Department of HPB Surgery and Breast Surgery, Graduate School of Medicine Ehime University</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P252</strong> AGENESIS OF GALLBLADDER</td>
<td>P Ripa, MD, M Reyes, MD, C Jauretia, MD; Tec de Monterrey Hospital San Jose</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P253</strong> LAPAROSCOPIC HAND SEWN REPAIR OF A CHOLECYSTATODUODENAL FISTULA AS A TRANS OPERATIVE FINDING. A CASE REPORT</td>
<td>Jose Pulido, MD, Eduardo Garcia-flores, MD, Jeronimo Monterrubio, MD, Ulises Caballero, MD, Luis Zavala, MD, Marco Juarez, MD, Christian Cussin, MD; CHRISTUS MUGUERZA - UDEM</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P254</strong> EFFECT OF PRE-OPERATIVE BILIRUBIN LEVELS ON POST-OPERATIVE MORTALITY AND MORBIDITY AFTER PANCREATICO-DUODENECTOMY FOR PANCREATIC CANCER. AN ANALYSIS OF 4850 PATIENTS FROM NSQIP DATABASE.</td>
<td>Piyush Aggarwal, MD, David Marx, PhD, Kiran Turaga, MD, Armour Forse; Creighton University Medical Center</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P255</strong> USEFULLNESS AND LIMITATIONS OF THE ONE STEP APPROACH TO MANAGING BILIARY PANCREATITIS</td>
<td>Ashley Pisterio, MD, Cory Richardson, MD, Heidi Ryan, MD, Charles R St. Hill, MD, MSC, Matthew Johnson, MD, Matthew Ingle, Nathan I Ozobia, MD, FAC; University of Nevada School of Medicine</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P256</strong> MICROBIOLOGY AND ANTIBIOTIC PROPHYLAXIS IN LAPAROSCOPIC CHOLECYSTECTOMY</td>
<td>Phromprin Wattanawigaid, MD, Achara Chankaew, MD, Patch Kasetsuwan, MD, Panot Yimcharoen, MD; Bhumibol Adulyadej Hospital, Bangkok, Thailand</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P257</strong> A DIARY OF A LAPAROSCOPIC SURGEON IN AFRICA</td>
<td>Mohamed Selem, dr; Cairo university</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P258</strong> LAPAROSCOPIC PERITONEAL ENTRY AFTER ABDOMINOPLASTY; A NEW TECHNIQUE</td>
<td>Sebastriano Cassaro, MD, Laura S Bernstein, MD, Nichole S Meissner, MD, Albert Einstein College of Medicine-Beth Israel Medical Center, Kawadeh Delta Health Care District</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P259</strong> MOTION SICKNESS IN THE OPERATING ROOMS – EFFECT OF MINIMALLY INVASIVE TECHNIQUES</td>
<td>Osama Alsaidi, MD, Ken Yoshida, PhD, Connie C Shimtz, PhD, David Radosevich, PhD, Sayeed Ikramuddin, MD, Jeffery Chipman, MD; University of Minnesota - Department of Surgery</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P260</strong> OPERATING IN THE COMFORT ZONE: INTERNS PERFORM BETTER WITH STRAIGHT OVER ARTICULATING INSTRUMENTS</td>
<td>Bethany R Lowndes, Bernadette McCrory, PhD, Chad A LaGrange, MD, David R Farley, MD, Raaj K Raparel, MD, Yazar N Aljamel, MBBS, Susan Halbeck, PhD; Mayo Clinic, University of Nebraska Medical Center, University of Nebraska - Lincoln</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P261</strong> SURGEON STRESS PERFORMING SINGLE-PORT VS TRADITIONAL LAPAROSCOPIC CHOLECYSTECTOMIES</td>
<td>Bethany R Lowndes, Juliane Bingener, MD, Susan Hallbeck, PhD; Mayo Clinic</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P262</strong> FATIGUE QUANTIFICATION IN LAPAROSCOPIC SURGERY: A RECURRENCE-ANALYSIS BASED APPROACH</td>
<td>Ikechukwu Ohu, BS, Ali K Panahi, BS, Ahmed M Zihni, MD, MPH, Jaime A Cavollo, MD, MPH, Sohuyng Cho, PhD, Michael M Awad, MD, PhD; Washington University in St Louis, Department of Surgery; Southern Illinois University Edwardsville, Department of Engineering</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P263</strong> ERGONOMIC ANALYSIS OF BASIC AND ADVANCED LAPAROSCOPIC PROCEDURES</td>
<td>Ahmed M Zihni, MD, MPH, Jaime A Cavollo, MD, MPH, Ikechukwu Ohu, BS, Sohuyng Cho, PhD, Michael M Awad, MD, PhD; Department of Surgery, Washington University School of Medicine; Department of Engineering, Southern Illinois University Edwardsville</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P264</strong> EVALUATION OF VESSEL SEALING PERFORMANCE OF ULTRASONIC DEVICES IN A PORCINE MODEL</td>
<td>D Meiselman, Mr, R Tanaka, MD, PhD, Zhi Ven Fong, MD, David W Rattner, MD, Keith D Lowndes, Juliane Bingener, PhD, Susan Hallbeck, PhD; NorthShore Health Care System, Department of Surgery</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P265</strong> ETRACK: AN AFFORDABLE ERGONOMIC ASSESSMENT TOOL FOR SURGICAL SETTINGS</td>
<td>Timothy R Coles, PhD, Caroline G Cao, PhD, Cedric Dumas, PhD; Commonwealth of Scientific and Industrial Research Organisation, Wright State University</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P266</strong> EVALUATION OF EYE &amp; HAND FATIGUE IN 3D VS. 2D DISPLAY SYSTEMS FOR SURGICAL NOVICES DURING LAPAROSCOPIC SURUTURING; A RANDOMISED CONTROL TRIAL</td>
<td>Asham Youssif, Walid Elbakkak, Amina Bouhelal, Bijen Patel, Queen Mary, University of London</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P267</strong> THE IMPACT OF HELICOBACTER PYLORI ON THE COMPLICATIONS OF LAPAROSCOPIC SLEEVE GASTRECTOMY</td>
<td>Sulaiman Almazroei, MD, Salim Al-Sabah, Dheidan Alshammary, Shamlan Alqina, Amiri Hospital - Kuwait</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P268</strong> ROUX-EN-Y GASTRIC BYPASS FOR SUPER OBSE Patients: WHAT APPROACH?</td>
<td>Nicolas C Buchs, MD, Dan Azagury, MD, Francois Pugin, MD, Minad Jung, MD, Olivier Huber, MD, Gilles Chassat, MD, Philippe Morel, MD; Department of Surgery, University Hospital of Geneva</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P269</strong> LAPAROSCOPIC REVISION OF VERTICAL BANDED GASTROPLASTY TO SLEEVE GASTRECTOMY FOR GASTRIC OUTLET OBSTRUCTION: EARLY EXPERIENCE IN 18 PATIENTS</td>
<td>Patrice Jordi, MD, PhD, Shatzkeer Karmali, MD, John A Primomo, MD, Lee Morris, MD, Xinzhe Shi, MPH, Vadim Sherman, MD, FACS; [1] Department of Surgery, Albert Einstein, University of Sao Paulo, Brazil; [2] Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandria Hospital, Edmonton, Alberta, Canada. [3] The Methodist Hospital, Houston, Texas, USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P270</strong> LAPAROSCOPIC GASTRECTOMY AFTER PREVIOUS PYLOROMYOTOMY FOR INFANTILE HYPERTROPHIC PYLORIC STENOSIS. CASE REPORT</td>
<td>Edward J Hannoush, MD, Sebastian Eid, MD, Douglas R Ewing, MD, Hans J Schmidt, MD; Hackensack University Hospital</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>P271</strong> DOES THE SURGEON EXPERIENCE INTERFERE WITH THE LEAK RATE AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY?</td>
<td>Patrick Noel, MD, Marios Ndelcy, MD; Private Hospital La Casamance, Aubagne, Marseille, France</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
P272 COMPARISON OF LAPAROSCOPIC AND OPEN REVISION ROUX-EN-Y GASTRIC BYPASS Y Assadipour, MD, K Vaziri, MD, J Holzmacher, MD, Richard L Amour, PhD, Juliet Lee, MD, Paul P Lin, MD; The George Washington University Hospital

P273 DELAYED PRESENTATION OF CONGENITAL MALROTATION WITH MIDGUT VOLVULUS PRESENTING AFTER A LAPAROSCOPIC GASTRIC BYPASS Martin D Avery, MD, Rana Pullahit, MD; Medical University of South Carolina

P274 EFFECTIVENESS OF BARIATRIC SURGERY IN SUPER-SUPER OBSESE PATIENTS Jonathan A Tannebaum, MD, Abraham Krikhely, MD, Mujahid Abbas, MD, Lindsay Cummela, BS, Prathiba Vemulapalli, MD, Jenny Choi, MD, Diego R Camacho, MD; Montefiore Medical Center

P275 MORBID OBESITY MANAGEMENT INSIGHTS: PRE-OPERATIVE CLINICAL VARIABILITY BY INSURANCE CARRIER IN 8,966 SLEEVE GASTRECTOMY PATIENTS Grace W Kao, DO, Gus J Slotman, MD; Departments of Medicine and Surgery, Inspira Health Network, Vineland, New Jersey

P276 SAFETY OF LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING WITH CONCURRENT CHOLECYSTECTOMY FOR SYMPTOMATIC CHOLELITHIASIS Noberel R Obeid, MD, Heekoung Youn, MA, RN, Marina Kurian, MD, Christine Ren-Fielding, MD, George Fielding, MD, Bradley Schwack, MD; Department of Surgery, New York University Medical Center, New York, NY

P277 THE EFFECT OF LAPAROSCOPIC SLEEVE GASTRECTOMY WITH CONCOMITANT HIATAL HERNIA REPAIR ON GASTROESOPHAGEAL REFLUX DISEASE IN THE MORBIDLY OBES! Kamran Samakar, MD, MA, Travis J Mckenzie, MD, Ali Tavakkoli, MD, Scott A Shikora, MD; Brigham and Women’s Hospital, Harvard Medical School

P278 NEURAL ACTIVATION IN RESPONSE TO FOOD CUES IN BARIATRIC SURGERY CANDIDATES Haley L Yarosh, PhD, Beth M Anderson, PhD, Janet Ng, PhD, Kasey O’Neil, BS, Andrea M Stone, BS, Darren Tishler, MD, Pavlos Papasavas, MD, FACS, Godfrey D Pearlson, MBBS, MD; Yale School of Medicine Department of Psychiatry, Olin Neuropsychiatric Research Center, Hartford Hospital Surgical Weight Loss Center

P279 BARIATRIC SURGERY IN ADOLESCENTS, OUR EXPERIENCE Mujahid Abbas, MD, L. Cummela, BS, J Choi, MD, P Vemulapalli, MD, E. Reynolds, MD, Diego R Camacho, MD; Montefiore Medical Center, Childrens Hospital at MMC

P280 ROLE OF INTRAOPERATIVE IV FLUIDS ON HOSPITAL LENGTH OF STAY IN LAPAROSCOPIC BARIATRIC SURGERY: A RETROSPECTIVE STUDY IN 170 CONSECUTIVE PATIENTS Vaughn E Nossaman, MS, William S Richardson, MD, James B Wooldridge, MD, Bobby D Nossaman, MD; Tulane University School of Medicine and Ochsner Medical Center

P281 METHYLENE BLUE OR UPPER GI, WHICH IS MORE EFFECTIVE FOR DETECTING LEAK IN GASTRIC BYPASS PATIENTS? Lars Nelson, MD, Rena C Moon, MD, Andre F Teixeira, MD, Muhammad A Jawad, MD, FACS; Orlando Regional Medical Center

P282 POST-OPERATIVE INTRAVENTRINUS (IV) ACETAMINOPHEN REDUCES NARCOTIC REQUIREMENT AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS (LRYGB). Shireesh Saurabh, MD, Jessica K Smith, MD, Paul Jose, Peter Nau, MD, Mark Pederson, Isaac Samuel, MD; University of iowa Hospitals and Clinics

P283 21ST CENTURY WEIGHT LOSS: BANDING VERSUS BYPASS Stephen W Davies, MD, MPH, Christopher A Guidry, MD, MSc, Rachel I Penn, BA, Robert G Sawyer, MD, Bruce D Schirmcr, MD, Peter T Hallowell, MD; University of Virginia School of Medicine

P284 THE PROTOCOL OF A RANDOMIZED, DOUBLE-BLINDED, PLACEBO CONTROLLED TRIAL TO INVESTIGATE THE ROLE OF INTRA-PERITONEAL ROPIVACAINE IN GASTRIC BYPASS SURGERY Robert Wu, Alexis Porte, Fatima Haggar, Isabelle Raiche, Husein Maloo, Jean Claude Gauthier, Amy Neville, Jean Denis Yelle, Joseph Mhamaza; The Ottawa Hospital, University of Ottawa

P285 SLEEVE GASTRECTOMY OR GASTRIC BYPASS AS PRIMARY BARIATRIC PROCEDURE: RETROSPECTIVE EVALUATION OF OUTCOMES. Mousa Khoury Sheed, MD, FRCS, Ibtsam Al-Bader, MD, FRCS, Ali Mouzannar, BMBCH, Abdulla Al-Haddad, MD, FACS, Ali Sayed, MD, FRCS, Ali Mohammad, MD, FRCS, Abe Finnerhut, MD, FACS; Department of surgery, faculty of medicine, Kuwait university

P286 ACUTE APPENDICITIS IN THE SETTING OF LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING: A CASE REPORT AND LITERATURE REVIEW Josue Chery, MD, Amy Maselli, MD, Krystyna Kobata, PA, Anthony Tortolani, MD, Piotr Gorecki, MD; New York Methodist Hospital

P287 VALIDITY OF LAPAROSCOPIC SLEEVE GASTRECTOMY FOLLOWING GASTRIC BAND FAILURE: Mohammed Alkubaisi, MD, FICS, FIBMS, DMAS, Abdullah Altraie, MD, FICS, FRCS; Altraie Center For Laparoscopic &Obesity Surgery, Dubai, UAE

P288 WHAT IS THE NORMAL DRAIN AMYLASE RANGE FOR LAPAROSCOPIC SLEEVE GASTRECTOMY? Viet Phuong, MD, Timothy S Kuvada, MD, Ian Villanueva, MD, Keith Gersin, MD, Dimitrios Stefanidis, MD, PhD; Carolinas Healthcare System

P289 GASTRIC BANDING VS. GASTRIC BYPASS: CLINICAL OUTCOMES AT 3+ YEARS FOLLOW UP Rod McKinlay, MD, Steven Simper, MD, Sherman Smith, MD, Fielding Dunn, PA; St. Mark’s Hospital

P290 INSUFFICIENT WEIGHT LOSS AND WEIGHT REGAIN AFTER BARIATRIC OPERATION. DOES LAPAROSCOPIC BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH STAND THE TEST OF TIME? Iswanto Sucandy, MD, Andres Samayoa, MD, Fernando Bonanni, MD, FACS, Gintaras Antanavicius, MD, FACS; Abington Memorial Hospital, PA

P291 OUTCOMES OF BARIATRIC SURGICAL INTERVENTIONS IN PATIENTS OLDER THAN 60 M. Abbas, L. Cummela, BS, J. Choi, MD, P. Vemulapalli, MD, D. R Camacho, MD; Montefiore Medical Center, Bronx, NY

P292 DOES MAXIMUM PRE-OPERATIVE WEIGHT LOSS PREDICT WEIGHT LOSS SURGERY OUTCOMES? Daniel B Jones, MD, MS, FACS, Caroline Park, MD, MPH, Benjamin E Schneider, MD, FACS, Hussain Wasky, MD; Bethesda Deaconess Medical Center

P293 IS HEPARIN PROPHYLAXIS WITH AGGRESSIVE AMBULATION ENOUGH TO PREVENT THROMBO-EMBOLIC COMPLICATIONS EVEN IN HIGHER RISK PATIENTS UNDERGOING BARIATRIC SURGERY? Vikas Singhal, MD, Howard Darvin, FACS, Igual Breitman, FACS, Leena Khaitan, FACS; University Hospitals, Cleveland

P294 RACIAL VARIATION IN THE DISTRIBUTION OF DEMOGRAPHICS, BODY MASS, AND WEIGHT-RELATED MEDICAL CO-MORBIDITIES AMONG THE MORBIDLY OBSE: ANAYSIS OF 5,389 BOLD DATABASE PATIENTS. Ezekiel Adewale, DO, Gus J Slotman, MD; Departments of Medicine and Surgery, Inspira Health Network, Vineland, NJ

P295 STUDY OF THE EFFECT OF LAPAROSCOPIC GASTRIC Plication on Ghrelin Hormone in Morbidly Obese Patients Tamer N Abdellakhi, MD, MRCs, Msc, Wael N Abdelsalam, MD, Khaleed M Katri, MD, Mohamed Sharaan, MD, Mohamed K El Saity, MD, Tamer M Mohamed, MMBCCH, Elsaid Elkayal, MD; University of Alexandria Faculty of Medicine
P296 LAPAROSCOPIC ROUX EN Y GASTRIC BYPASS AS A REVISIONAL STRATEGY FOR LAPB FAILURE. Abdelrahman A. Nimeri, MD, FACS; Mohamed B Al Hadad, MD, Maha Ibrahim, MD, Rana Kurdi, PhD, Colter Hajot, MD, MPH; Division of general, thoracic and vascular surgery Sheikh Khalifa Medical City managed by Cleveland clinic

P297 BARIATRIC SURGERY IMPROVES METABOLIC SYNDROME BY INCREASING HDL AND DECREASING TRIGLYCERIDES Pratibha Vemulpalli, MD, Lindsay S Cumella, BS, Emmanuel Agoba, MD, Diego Camacho, MD, Jenny Choi, MD, Mujahud Abbas, MD, Scott Chudnoff, MD; Albert Einstein College of Medicine, Montefiore Medical Center

P298 RETROSPECTIVE STUDY OF THE AIRSEALTM SYSTEM FOR LAPAROSCOPIC BARIATRIC SURGERY James A Rydlewicz, MD, Andrew J Suzo, BS, Dean J Mikami, MD, Bradley J Needleman, MD; The Ohio State University Wexner Medical Center

P299 LAPAROSCOPIC GASTRIC RESTRICTIVE PROCEDURES IN THE SUPER SUPER OBSESE (BMI > 60 KG/M2) WITHOUT THE USE OF PROPHYLLACTIC INFERIOR VENA CAVA FILTERS: OUR EXPERIENCE AT A BARIATRIC CENTER OF EXCELLENCE Salvatore Docimo, Jr., DO, Laura Crankshaw, BS, George Ferzli, MD; Lutheran Medical Center, Brooklyn, NY

P300 SLEEVE GASTRECTOMY AND GASTROESOPHAGEAL REFLUX DISEASE: SYSTEMATIC REVIEW AND META-ANALYSIS C M Hoogerboord, BSc, MD, FRCSC, JB Enright, BSc, MD, FRCS, C J Ellismore, BSc, MSc, MD, FRCS, FAC; QEII Health Sciences Centre, Dalhousie University, Halifax, Canada

P301 DOES HELICOBACTER PYLORI INCREASE THE RISK OF ADVERSE OUTCOME AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Ameer Gomerbarowalla, MD, Amy Thomas, RN, Insyath Nomanbhoj, MS, Rami Lutfi, MD, FAC; Chicago Institute of Advanced Bariatrics

P302 SHORT-TERM MORBIDITY OF 1,597 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASSES: A SINGLE INSTITUTION EXPERIENCE James G Bitter Jr, MD, Gretchen Aquilina, DO, Luke Wolfe, MS, Jill Meador, RN, James W Maher, MD, John M Kellum, MD; Virginia Commonwealth University School of Medicine

P303 TO OPEN OR NOT TO OPEN: OPERATIVE CHOICES FOR APPROACH TO GASTRIC POUCH REVISION Katherine Manupipatpong, BS, David May, DO, Anthony Patrick, MD, Jon Gabrielsen, MD, William Strodel, MD, Anna Ibele, MD; Geisinger Medical Center, Danville PA

P304 REPAIR OF LARGE PARAESOPHAGEAL HERNIAS WITH COMBINED PARTIAL LONGITUDINAL GASTRECTOMY IN OBESE AND MORBIDLY OBESE PATIENTS: INTERMEDIATE FOLLOW-UP Matthew J Davis, MD, John Rodriguez, MD, Andrea Zelisko, MD, Stacy Brethauer, MD, Bipan Chand, MD, Philip Schauer, MD, Kevin El-Hayek, MD, Matthew J Davis, MD, John Rodriguez, MD; Cleveland Clinic Foundation

P305 THE COVIDIEN TRISTAPLE SYSTEM VS. THE DUET TISSUE BUTTRESS IN LAPAROSCOPIC SLEEVE GASTRECTOMY: A COMPARATIVE STUDY Mark A Dykstra, Noah J Switzer, Caroline E Sheppard, Kevin A Whitlock, Richdeep S Gill, Xinzhe Shi, Daniel Birch, Shahzeer Karmali; Department of Surgery, University of Alberta, Edmonton, Alberta; Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandria Hospital, Edmonton, Alberta; Faculty of Medicine and Dentistry, University of Alberta, Edmonton, Alberta

P306 REVISIONAL SURGERY IN BARIATRICS: A SURGICAL DILEMMA Alejandro Rodriguez-Garcia, MD, Mario Rodarte- Shade, MD, Rene Faloma Hall, MD, Roberto Rumbaut, MD; School of Medicine and Health Sciences at Tec de Monterrey

P307 GASTRIC BAND: STILL AN EFFECTIVE AND SAFE PROCEDURE? ANALYSIS OF FAILURES AND REVISIONAL SURGERY IN A SERIES OF 111 CONSECUTIVE PATIENTS. Antonio D Uroso, MD, Silvana Perretta, MD, Michel Vix, MD, Ludovic Marx, MD, Bernard Dallémagne, MD, Jacques Marescaux, MD, Didier Mutter, MD; IRCAD-NHC-IHU Department of Digestive and Endocrine Surgery, University of Strasbourg France

P308 BARIATRIC SURGERY IMPROVES SEXUAL FUNCTION IN OBESE PATIENTS David Goitene, MD, Alex Zendel, MD, Lior Segal, MD, Rotislav Srovinovich, MD, Dov(Douglas) Zippel, MD; Surgery C Department, Chaim Sheba Medical Center, Tel Hashomer, Israel

P309 BAND OVER SLEEVE: A SAFE ALTERNATIVE TO ACHIEVE FURTHER WEIGHT LOSS AND REDUCTION OF Co-MORBILITIES Amy Banks, MD, R Harrell, MD, J Foote, MD; Grand Rapids Medical Education Partners, Michigan State University and Grand Health Partners

P310 COMPARE OF DIABETIC REMISSION RATE AFTER 3 MONTHS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY VS ROUX-EN-Y GASTRIC BYPASS : SINGLE INSTITUTE IN THAILAND Ajijana Techagumpuch, Dr, Pakkavuth Chansangphuvana, Dr, Soravitth Vijiipornkul, Dr, Chadin Tharavej, Dr, Suppa-pat Pungpapong, Dr, Patpong Navicharam, Dr, Suhep Udomsawangsup, Dr; Department of Surgery, Chulalongkorn University, Bangkok, Thailand

P311 ASSESSMENT OF THE QUALITY OF INFORMATION ON SLEEVE GASTRECTOMY Ricard Corcelles, MD, PhD, Hector Romero Talamas, MD, Christopher Daigle, MD, Philip Schauer, MD, PhD, Stacy Brethauer, MD, PhD; CLEVELAND CLINIC FOUNDATION (CLEVELAND, OH)

P312 SMALL BOWEL OBSTRUCTION AFTER LAPAROSCOPIC GASTRIC BYPASS AND ITS SURGICAL MANAGEMENT: EXPERIENCE IN 10 YEARS. Maria D Reyessalas, MD, Santiago Sherwell, MD, Roberto Rumbaut, MD, Paola Ripa-galvan, MD; HOSPITAL SAN JOSE - TECNOLOGICO DE MONTERREY

P313 CT VOLUMETRY FOR FOLLOW UP OF SLEEVE GASTRECTOMY AND RELATION TO WEIGHT LOSS Mohamed Sarhan, MBBS, MD, Mohamed Elmasry, MD, Mohamed Ghabashy, MSc, Omar A Hamada, Mostafa Elhazly, MD, Fahim Elbassony, MD; General Surgery Department, Cairo University Hospital

P314 AN ALTERED GHRELIN RESPONSE IS ACCOUNTABLE FOR REDUCED CALORIC INTAKE AFTER ENDOSCOPIC PLICATION OF THE STOMACH G F Paulus, MD, M van Avesaat, MD, J M Conchillo, MD, PhD, A A Masiele, MD, PhD, N D Bouvy, MD, PhD; Maastricht University Medical Center

P315 INTRAVENOUS ACETAMINOPHEN DOES NOT REDUCE PERI-OPERATIVE ACUTE PAIN OR NARCOTIC USE IN BARIATRIC SURGERY PATIENTS Amy L Rosenbluth, BS, Morgan A Bresnick, MD, Renee Tholey, MD, Kathleen Lamb, MD, Michael R Kammerer, MD, Alec C Beekley, MD, David S Tichansky, MS; Thomas Jefferson University

P316 ANTHROPOMETRIC CHANGES MAY PREDICT DIABETIC RESPONSE AFTER BARIATRIC SURGERY Pomthep Prathanvanich, Dr, Shari Smarker, MD, P Marco Fisichella, MD, Bipan Chand, MD; Loyola University Chicago Stritch School of Medicine

P317 OMENTOPEXY (OP) IN VERTICAL SLEEVE GASTRECTOMY (VSG) MIGHT BE ASSOCIATED WITH REDUCED SHORT AND LONG TERM MORBIDITY. Alain Abdo, MD, Andrew Averbach, MD, FACS; Saint Agnes Hospital
P318 ROUTINE PREOPERATIVE ESOPHAGOGASTRODUODENOSCOPY IN PATIENTS UNDERGOING BARIATRIC SURGERY  
Umer I Chaudhry, MD; Dean J Mikami, MD, Bradley J Needleman, MD, W. Scott Melvin, MD, Sabrena F Noria, MD; THE OHIO STATE UNIVERSITY WEXNER MEDICAL CENTER

P319 SAFETY AND EFFECTIVENESS OF BARIATRIC SURGERY IN DIALYSIS PATIENTS  
Mohammad Jamal, MD, Med, FRCS, Christopher R Daigle, MD, Stacy Brethauer, MD, FACS, Mathew Kroh, MD, FACS, Philip Schauer, MD, FACS; Cleveland Clinic

P320 LAPAROSCOPIC SLEEVE GASTRECTOMY OUTCOMES (LSG): EXPERIENCE FROM KUWAIT  
Salman Al Sabah, MD, MBA, FRCS, Ahmed Al-Mulla, MD, FACS, Sulaiman Almazedi, MD, Talib Jumaa, MD, FACS, Khaled Al-Enezi, MD, FRCS, Waleed Bastaki, MD, FACS; Amiri Hospital, Kuwait

P321 PREGNANCY AND THE BARIATRIC PATIENT  
Maria Altieri, MD, Dana Telem, MD, Gerald Gracia, MD, Aurora Pryor, MD; SUNY Stony Brook

P322 PREVALENCE OF UPPER GASTROINTESTINAL GROSS AND MICROSCOPIC PATHOLOGY IN PATIENTS WITH MORBID OBESITY  
Adrian Dan, MD, Rathana Shenoy, MD, Jesse Clanton, MD, Michael Subichin, MD, Ashley Bohon, Marta Makusewski, Mark Pozsgay, MD, S M Thompson, MD, Arjun Venkataramani, MD, Corey Sievers, MD, John Zografakis, MD; Summa Health System

P323 SPIDER SLEEVE - INITIAL EXPERIENCE  
Patrick Noel, MD, Marius Nedelcu, MD; Casamance Private Hospital

P324 SINGLE-INCISION SLEEVE GASTRECTOMY VERSUS LAPAROSCOPIC SLEEVE GASTRECTOMY: A CASE-CONTROL STUDY  
Elie K Chouillard, MD, PhD, Ronald Daher, MD, Georges Khoury, MD, Elias Chahine, MD, Nelson Trelles, MD; Division of Bariatric Surgery, Department of General Surgery, Poissy Saint Germain Medical Center

P325 SINGLE-SITE LAPAROSCOPIC GASTRIC BAND VERSUS MULTIPORT LAPAROSCOPIC GASTRIC BAND: A MATCHED RETROSPECTIVE STUDY  
Anthony M Gonzalez, MD, FACS, FASMBS, Jorge R Rabaza, MD, FACS, FASMBS, Rey J Romero, MD, Pedro E Garcia Quintero, MD, Christian Hernandez Mucia, MD; Baptist Health South Florida

P326 BARIATRIC SURGERY SAFE IN PATIENTS WITH CIRRHOSIS? AN ANALYSIS OF SHORT-TERM OUTCOMES  
Andrew Smith, Ahmad Elnahas, Allan Okrainec, Fayez Quereshy, Timothy Jackson; Division of General Surgery, University Health Network, University of Toronto, Toronto ON

P327 DEFINING THE LEARNING CURVE: EARLY EXPERIENCE OF LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS FROM A BARIATRIC CENTRE OF EXCELLENCE  
Andrew Smith, Ahmad Elnahas, Timothy Jackson, Fayez Quereshy, Todd Penner, David Urbach, Allan Okrainec; Division of General Surgery, University Health Network, University of Toronto, Toronto ON

P328 LAPAROSCOPIC GASTROJEJUNAL REVISION WITH SELECTIVE GASTRECTOMY FOR INTRACTABLE MARGINAL ULCERS FOLLOWING GASTRIC BYPASS  
Andreas Rudovics, MD, Dennis Hong, MD, S Gmora, MD, M Anvari, MB, BS; McMaster University, St. Joseph’s Healthcare Hamilton

P329 OUTCOME OF BARIATRIC SURGERY IN THAILAND: LAPAROSCOPIC SLEEVE GASTRECTOMY VS LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS  
Pakkavuth Chanswangphuvana, MD, Soravith Vitiyponkun, MD, Ajiana Techagumpuch, MD, Suppapat Pungpapong, MD, Chadin Tharavej, MD, Patpong Navicharn, MD, Suthep Udomsawangsup, MD; Department of Surgery, Faculty of Medicine, King Chulalongkorn Memorial University Hospital, Bangkok, Thailand

P330 IMPACT OF THE TREATMENT WITH INTRAGASTRIC BALLOON IN ABDOMINAL FAT COMPARTMENTS-VISCERAL FAT AND SUBCUTANEOUS CELLULAR TISSUE.  
Diego Laurentino Lima, MD, Luana C Cabral, MD, Jussiele S Barros, Rayssa A B de Melo, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

P331 LAPAROSCOPIC NISSEN FUNDOPULATION WITH A LAP BAND PLACEMENT: TWO PROCEDURES IN A UNIQUE SURGERY FOR TREATMENT FOR OBESITY AND SEVERE REFLUX DISEASE  
Gildo O Passos Jr, MD, Diego Laurentino Lima, MD, Yukie C Konishi, Jussiele S Barros, Ingrid I V. Rodrigues, G L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

P332 CONVERSION TO GASTRIC BYPASS IS TECHNICALLY FEASIBLE AFTER ENDOSCOPIC GASTROPLASTY  
Bijan Abar, Maxwell Feinberg, Ryota Tanaka, MD, PhD, Michael B Ujiki, MD, FACS; NorthShore University HealthSystem

P333 SLEEVE GASTRECTOMY IN PATIENTS WITH BMI BETWEEN 30 AND 35  
Marcos Berry, MD, Patricio Lamoza, MD, Lionel Urrutia, MD, Eduardo Luna, MD, Macarena Haddad, MD; Clinica Las Condes

P334 PORTAL-MESENTERIC THROMBOSIS FOLLOWING LAPAROSCOPIC SLEEVE GASTRECTOMY A RARE BUT POTENTIALLY SERIOUS COMPLICATION  
Marcos Berry, MD, Patricio Lamoza, MD, Lionel Urrutia, MD, Alvaro Bustos, MD, Marco Schulz, MD, Eduardo Luna, MD, Macarena Haddad, MD; Clinica Las Condes

P335 BARIATRIC SURGERY REVISIONS AFTER UNSUCCESSFUL WEIGHT LOSS: OUTCOMES AND COMPLICATIONS  
Abhishek Srivastava, MD, Stelin Johnson, PA, Jenny J Choi, MD, Diego R Camacho, MD, Pratibha Vemulapalli, MD; Department of Surgery, Montefiore Medical Center, Albert Einstein Medical College, Bronx, NY

P336 PRELIMINARY FEASIBILITY OF AN INTERDISCIPLINARY STUDY IDENTIFYING PREDICTORS OF SUCCESS IN BARIATRIC SURGERY: NEUROIMAGING MEETS SURGICAL WEIGHT LOSS  
Kasey O’Neil, BS, Janet Ng, PhD, Darren Tisher, MD, Pavlos Papasavas, MD, Beth Anderson, PhD, Hedy Kober, PhD, Haley Yarosh, PhD, Rebecca Boswell, BA, Andrea Stone, BA, Glenn Treisman, MD, Godfrey Pearlson, MD, PhD; Olin Neuropsychiatry Research Center, Hartford Hospital Surgical Weight Loss Center, Yale University, John Hopkins University

P337 INSURANCE MANDATED PREOPERATIVE MEDICAL VISITS DO NOT CORRELATE WITH BARIATRIC SURGICAL OUTCOMES  
Pornthep Prathanvanich, MD, Katherine Bohnstedt, APN, P Marco Fischella, MD, Sharfi Sarker, MD, Bipan Chand, MD; Loyola University Chicago Stritch School of Medicine

P338 SAFETY AND EFFICACY OF OUTPATIENT PLEATED ADJUSTABLE GASTRIC BANDING  
Mark A Fusco, MD; HEALTH FIRST LIFESHAPE WEIGHT LOSS PROGRAM

P339 A PROSPECTIVE CONTROLLED STUDY OF GASTRIC BYPASS SURGERY FOR THE TYPE 2 DIABETES PATIENTS WITH OR WITHOUT OBESITY  
Ke Gong, MD, Nengwei Zhang, MD, Dexiao Du, MD, Bin Zhu, MD, Dongbo Lian, MD, Zhen Zhang, MD, Pavel Kopf, MD, Hedy Kober, PhD, Dmitry Nemponmayshy, MD, FACS; NorthShore University HealthSystem

P340 LAPAROSCOPIC MANAGEMENT OF ABDOMINAL ABSCESS ASSOCIATED TO GASTRIC BAND  
Veronica V Hernandez-Najera, MD, Lucas O Tijerina-Gomez, MD, Eduardo A Flores-Villalba, MD, Adali Barragán-Farias; Hospital San José Tec de Monterrey, Tec Salud.

P341 GENDER-SPECIFIC OUTCOMES AFTER LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING  
Vadim Avlouk, DO, David Brans, MD, FACS, Pamela J O’Brien, RN, MSN, NPC, Sara Tortorici, RN, MSN, NPC, Dmitry Nemponmayshy, MD, FACS; Lahey Clinic

Poster Listing
Poster Listing

P365 A NOVEL METHOD OF LAPAROSCOPIC PORT SITE CLOSURE TO SIGNIFICANTLY DECREASE POSTOPERATIVE SURGICAL SITE PAIN  
Adem E. Kowied, MD, Alexander D. Abkin, MD, FACs, Eric A. Abkin, Zoltan H Nemeth, MD, PhD; Morristown Medical Center, Department of Surgery

P366 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC LIVER RESECTION IN THE TREATMENT OF FOCAL LESIONS: INITIAL EXPERIENCE  
Yu Xiaopeng, MD, Wu Shuodong; Department of Minimally Invasive Surgery, Shengjing Hospital, China Medical University

P367 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC SUBTOTAL GASTRIC RESECTION FOR BENIGN GASTRODUODENAL ULCER  
Yongsheng Chen, Shuodong Wu; Biliary & Vascular Unit, Department of General Surgery, Shengjing Hospital of China Medical University

P368 LAPAROSCOPIC LUMBAR ARTERY LIGATION FOR THE TREATMENT OF TYPE II ENDOLEAK AFTER ENDOVASCULAR ANEURYSM REPAIR (EVAR)  
Saeed Poudel, MD, Dai Miyazaki, MD, Yuma Ebihara, MD, PhD, Suguru Kubota, MD, PhD, Yo Kurashima, MD, Satoshi Hirano, MD, PhD, Yoshiro Matsui, MD, PhD; Department of Gastroenterological Surgery II, Department of Cardiovascular and Thoracic surgery, Hokkaido University

P369 SINGLE-PORT ACCESS TRANSGASTRIC TECHNIQUE FOR A GASTRIC GIST  
Martin Gascón, MD, Jesús Garrió, MD, César G. Llorente, MD, Alberto Pueyo, MD, Matías Cea, MD; Hospital de Torrejón de Ardoz, Madrid, Spain

P370 THE SURGICAL MANAGEMENT OF GALLSTONE ILEUS IN THE ERA OF LAPAROSCOPY  
Alejandro Rodríguez-García, MD, Felice Ferri, MD, Cristopher Salzman, MD, Morris E Franklin, MD, FACS; Texas Endosurgery Institute, Tec de Monterrey

P371 A PROSPECTIVE TRIAL EVALUATING THE CLINICAL PERFORMANCE OF A NOVEL SURGICAL ENERGY DEVICE IN COLORECTAL SURGERY  
L W Milsom, MD, K Trencheva, MS, T Sonoda, MD, G Nandakumar, MD, P Shukla, MD, S K Sharma, MD, S W Lee, MD; Weill Cornell Medical College

P372 MULTIPLE SMALL BOWEL CARCINOID TUMORS AS A CAUSE OF OBSCURE GASTROINTESTINAL BLEEDING  
Alejandro Rodríguez-García, MD, Roman Gonzalez-Ruvalcaba, MD, Eduardo A Flores-Villalba, MD, Rene Palomo-Holl, MD; Tec de Monterrey

P373 SINGLE-INCISION LAPAROSCOPIC CHOLECYSTECTOJUNOSTOMY WITH IULEM INTERPOSITION FOR MALIGNANT BILIARY OBSTRUCTION  
Shuodong Wu, Hong Yu, Yu Tian, Yongnan Li, Min Li; Shengjing Hospital of China Medical University

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

P375 SINGLE INCISION LAPAROSCOPIC SURGERY FOR THE DIFFICULT CHOLECYSTECTOMY  
Hirotaka Sasada, MD, Fuminori Wakayama, MD, Koji Nagao, MD, Tadashi Iwabuchi, MD, Nobuo Yagihashi, MD, Shunichki Takaya, MD; Seihoku Central Hospital

P376 SINGLE-INCISION VERSUS STANDARD 4-PORT LAPAROSCOPIC CHOLECYSTECTOMY: A SINGLE INSTITUTE RETROSPECTIVE STUDY  
Noriaki Kameyama, PhD, Ryoei Miyata, PhD, Masato Tomita, MD, Hiroaki Mitsuihashi, MD, Shigeaki Baba, PhD; International Goodwill Hospital

P377 IS SINGLE-PORT ACCESS SURGERY A VIABLE APPROACH FOR VENTRAL HERNIA REPAIR? COMPARISON WITH SINGLE INCISION MULTIPORT SURGERY  
Martin Gascón, MD, Jesús Garrió, MD; Hospital de Torrejón, Madrid, Spain

P378 THE RISE AND FALL OF SINGLE INCISION SURGERY AT COMMUNITY HOSPITAL TEACHING PROGRAM  
Borden Hooks III, MD, Khoi Le, MD, Thomas V Clancy, MD, William W Hope, MD; New Hanover Regional Medical Center

P379 LAPAROSCOPIC EVALUATION FOR POST-OPERATIVE ABDOMINAL PAIN  
Malteh Kosravi, MD; Imam Reza hospital

P380 SINGLE-PORT ACCESS CHOLECYSTECTOMY. A COMPARATIVE STUDY OF 150 PATIENTS WITH THE GOLD STANDARD  
Jesús Garrió, MD, Martin Gascón, MD; Hospital de Torrejón, Madrid, Spain

P381 EQUIPMENT VARIATION IN LAPAROSCOPIC CHOLECYSTECTOMY  
Ayman E Ahmed, MBBS, Sayeed Ikramuddin, MD, Susan M Walters, RN, H. Tracy Davido, MD; University of Minnesota

P382 LAPAROSCOPIC VERSUS OPEN APPENDECTOMY FOR COMPLICATED APPENDITIS: TERTIARY CARE EXPERIENCE  
Ravinder Pal Singh Babra, MS, FMAS, Jaspal Singh Selhi, MS, MSBN; Atul Mishra, MS, Ashish Ahuja, MS, Ashwind Bawa, MS; Dayanand Medical College & Hospital Ludhiana Punjab India

P383 LAPAROSCOPIC MANAGEMENT OF COMPLICATED APPENDICITIS. Waal N Abdelsalam, MD, Khaled M Katiri, MD, Galal M Abouelnagah, Mohamed K Elsaidy, MD, Aly Atteya, MD, Elsaid Elkayal, MD, Mustafa Gamal, MRCS, Mohamed Sharaan, MD, Tamer N Abdelbaki, MD; University of Alexandria Faculty of Medicine

P384 Withdrawn

P385 COST ANALYSIS OF LAPAROSCOPIC SPLENECTOMY FOR LIVER CIRRHOTIC PATIENTS WITH MASSIVE SPLENOMEGALY BASED ON THE LEARNING CURVE  
Mingjun Wang, PhD, Jin Zhou, PhD, Zhong Wu, PhD, Xin Wang, PhD, Bing Peng, PhD; Department of Hepatopancreatobiliary Surgery, West China Hospital, No. 37, Guoxue Alley, Chengdu, Sichuan, 610041, China

P386 AN ELEGANT OPERATIVE APPROACH TO GASTRIC OUTLET OBSTRUCTION FOLLOWING VERTICAL BANDING GASTROPLASTY  
S M Streit, MD, Rana Pullatt, MD, MS, MRCS, FACS, Mark A Lockett, MD, Thomas C Eustis, MD; Medical University of South Carolina

P387 SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY  
Nihat Yavuz, MD, Serkan Teksoz, MD, Engin Hatioglu, MD, Sabri Erguney, MD, Osman Tortum, MD, Tunay Yildirim, MD, Birsen Ozkan, MD; Istanbul University,Cerrahpasa Medical School, General Surgery Department

P388 Withdrawn

P389 SINGLE PORT HAND - ASSISTED LAPAROSCOPY USING A RIGID RECTOSIGMOIDOSCOPE, A LIGHT SOURCE AND MANUAL INSUFFLATORS IN LOW INCOME SETTINGS  
Abdulkadir Yakubu, MD, MSc, PhD, Ikramuddin, MD, Susan M Walters, RN, H. Tracy Davido, MD; University of Minnesota

P390 LAPAROSCOPIC RESECTION OF RETROPERITONEAL SCHWANNOMA : SUMMARY OF DIAGNOSIS, SURGICAL AND PATHOLOGIC OUTCOMES  
Myung Jae Jung, Dr, Ho kyoung Kwang, Dr, Chang Moo Kang, Dr, Woo Jung Lee, Pf; Yonsei University Severance Hospital
P402 POSTOPERATIVE PAIN EVALUATION OF
P401 LAPAROSCOPIC REPAIR OF AN OMPHALOENTERIC
P400 BENEFITS OF NEEDLESCOPIC SURGERY - A
P399 USE OF HARMONIC SCALPEL IN SINGLE SITE
P397 LOW EARLY POSTOPERATIVE WOUND
P396 ULTRASONOGRAPHIC EVALUATION OF OPTIC NEVE
P395 SUNNARY OF LAPAROSCOPIC FENESTRATION
P394 PURE SINGLE-INCISION LAPAROSCOPIC D2
P393 THE STOMACH TRIAL: SURGICAL TECHNIQUE, OPEN
P392 HOME-MADE AFFORDABLE SURGICAL DEVICE FOR
P391 LAPAROSCOPIC ONE-HANDED KNOT TYING
P403 DURING LAPAROSCOPIC CHOLECYSTECTOMY; CYSTIC
ARTERY CAN BE CAUTERIZED SAFELY Sherwan Aziz, MBChB,
MSc; Hawler medical university
P404 NEUROENDOCRINE TUMOURS OF THE APPENDIX: 2
CASE REPORTS OF SUCCESSFUL CURATIVE TREATMENT
Alexandre C Stanesco, MD, Marius Nedelcu, MD, Anaamaria
Nedelcu, MD, Liana M Ples, MD, Bernhard Egger, Professor,
of; Surgery; HFR Fribourg-Cantonal Hospital Switzerland,CHU
Montpellier France,HUG Genève-Switzerland,Sf. Ioan University
Hospital, Bucharest
P405 DIRECT ACCESS ERCP: A NOVEL AND RELIABLE
SURGICAL TECHNIQUE FOR PATIENTS WITH ROUX-EN-Y
ANATOMY Cheryl Lin, MD, Robert J Aragon, MD, Aaron D Carr,
MD, Mohamed R Ali, MD, FACS; Department of Surgery, University
of California, Davis.
P406 DIAPHRAGMATIC PACING CAN SUBJECTIVELY
IMPROVE SYMPTOMS AND QUALITY OF LIFE IN
PATIENTS WITH IDIOPATHIC DIAPHRAGMATIC
DYSFUNCTION Vikram Vattipally, MD, Raymond P Onders, MD,
Marylo Elmo, ACNP, Eric P Malu, MD; 1 Penn State Hershey
Medical Center, Hershey, Pennsylvania. 2 University Hospitals Case
Medical Center, Cleveland, Ohio
P407 SINGLE STAGE CONVERSION OF LAPAROSCOPIC
ADJUSTABLE GASTRIC BAND(LAGB) TO MODIFIED
LAPAROSCOPIC DUODENAL SWITCH (DS) Andrew R
Brownlee, MD, Yuriy Dudiy, MD, Kelsey Gibson, Erica Bromberg,
BA, Mitchell Roslin, MD, FACS; Lenox Hill Hospital
P408 REPAIR OF DIAPHRAGMATIC DEFECT COMPICATING
PERITONEAL DIALYSIS WITH LAPAROSCOPIC AND
THORACOSCOPIC APPROACH Melissa L Maxey, MD, Thomas
L-Novick, MD, James M Nottingham, MD; University of South
Carolina
P409 TOTALY LAPAROSCOPIC VESICO CUTANEUS FISTULA
RESECTION AFTER INCISIONAL HERNIA REPAIR WITH
MESH. A CASE REPORT Miguel A Hernandez Moreno, MD,
Morris E Franklin Jr., MD, FACS, Guillermo Peralta, MD, Zannndor
Del Real Romo, MD, David Martinez, MD; Texas Endosurgery
Institute
P410 THE STRATEGY AND TECHNIQUE OF LAPAROSCOPIC
PANCREATICJEU-NOSTOMY Weiwei Jin, MS, Yiping Mou, MD,
FACS; Department of General Surgery, Sir Run Run Shaw Hospital,
School of Medicine, Zhejiang University
P411 SHORT-TERM SURGICAL AND LONG-TERM SURVIVAL
OUTCOMES AFTER LAPAROSCOPIC DISTAL GASTRECTOMY
WITH D2 LYMPHADENECTOMY FOR GASTRIC CANCER
Xiaowu Xu, MD, Yiping Mou, MD, FACS, Ke Chen, MS;
Department of General Surgery, Sir Run Run Shaw Hospital, School
of Medicine, Zhejiang University
P412 TOOLS FOR ONE PORT LAPAROSCOPY SURGERY
Fausto Davila, MD, Gloria Gonzalez Uribe, MD, Daniel Tsin, MD,
Martha R. Davila, MD, Ulises Davila, MD, Andrea Tinelli, MD;
Hosp. FDS, Pozza Rica, Ver, México
P413 LAPAROSCOPY-ASSISTED VERSUS OPEN
GASTRECTOMY FOR GASTRIC CANCER: A CASE-MATCHED
COHORT STUDY Ke Chen, MS, Weiwei Jin, MS, Yiping Mou,
MD, FACS; Department of General Surgery, Sir Run Run Shaw Hospital,
School of Medicine, Zhejiang University
P414 LAPAROSCOPIC EXTRACTION OF A MIGRATED
INTRACRINAL PRESSURE.

SAGES 2014 Scientific Session & Postgraduate Courses

Poster Listing
P415 VIRTUALLY SCARLESS LAPAROSCOPY FOR GASTROINTESTINAL AND GYNECOLOGIC PROCEDURES: A NOVEL TECHNIQUE  
Gabriel Gornick, MD, Juan F Molina-Lopez, MD, Isaac Bailey, MD, Karla S Martin, MD, Luis C Valencia, Rafael Padilla, Fernando Quijano, Angel Martinez - Munive; The American British Cowdray Medical Center

P416 CAN SINGLE ANASTOMOSIS POST PYLORIC BYPASS OR LOOP DUODENAL SWITCH BE THE BARIATRIC OPERATION OF THE FUTURE?  
Andrew R Brownlee, MD, Yurie Dudiy, MD, Mitchell Roslin, MD, FACS; Lenox Hill Hospital

P417 INCREASING USE OF EXPLORATORY LAPAROSCOPY AT A LEVEL I TRAUMA CENTER: IMPACT ON NEGATIVE LAPAROTOMY RATE  
Nguyen Szoka, MD, Patrick McGrew, MD, Barkat Ali, MD, Krista Turner, MD, Stephen Lu, MD, Edward D Auyang, MD; University of New Mexico Department of General Surgery

P418 NATURAL ORIFICE ENDOSCOPIC DRAINAGE OF PERFORATED DUODENAL ULCER  
Sam Pakraftar, MD, Chris Dwyer, MD, Harry W Sell, MD, Kurt Stahlfeld, MD; UPMC Mercy

P419 TRANSVAGINAL LAPAROSCOPIC APPENDECTOMY SIMULTANEOUSLY WITH VAGINAL HYSTERECTOMY: ICING ON THE CAKE  
Yu Tian, MD, PhD, Shuodong Wu, Yinghan Chen, Danbo Wang; Department of General Surgery, Shengjing Hospital, China Medical University

P420 HYBRID NATURAL ORIFICE TRANSUMINAL ENDOSCOPIC SURGERY: LAPAROSCOPE-ASSISTED ENDOSCOPIC FULL-THICKNESS RESECTION OF GASTRIC GIST  
Masaao Fujiiwara, MDPhD, Hirohito Mori, MDPhD, Yuji Nishizawa, MDPhD, Akishio Kondo, MD, Keiichi Okano, MDPhD, Tetsuho Masaki, MDPhD, Yasuyuki Suzuki, MDPhD; Department of Gastroenterological Surgery and Department of Gastroenterology and Neurology, Faculty of Medicine, Kagawa University, Kagawa, Japan

P421 STRESS RESPONSE AND WELL-BEING AFTER OPEN, LAPAROSCOPIC AND NOTES TRANSGASTRIC UTERINE HORNE RESECTION – AN EXPERIMENTAL STUDY IN A PORCINE MODEL  
Maria Bergstrom, MD, PhD, Asghar Azadani, MD, Jorge Alberto Arroyo Vazquez, MD, Per-Ola Park, Professor; Dept of Surgery, South Alvsborg Hospital, Boras, Sweden and Gothenburg University, Gothenburg, Sweden

P422 GASTRIC BACTERIAL COLONISATION IN A SWEDISH POPULATION, WITH AND WITHOUT PPI – IS THERE A NEED FOR ANTIBIOTIC PROPHYLAXIS PRIOR TO TRANSGASTRIC NOTES PROCEDURES?  
Per-Ola Park, Professor, Caroline Rydmarker, MD, Anders Lundqvist, MD, PhD, Maria Bergstrom, MD, PhD; Dept of Surgery and Dept of Infectious disease, South Alvsborg Hospital, Boras, Sweden and Gothenburg University, Gothenburg, Sweden

P423 A DIVERSE RANGE OF APPLICATIONS OF TRANSMANAL MINIMALLY INVASIVE SURGERY  
Jung Myun Kwak, MD, PhD, Jin Kim, MD, PhD, Seon Hahn Kim, MD, PhD, Sung Ock Suh, MD, PhD; Korea University College of Medicine

P424 DEFINING THE LEARNING CURVE FOR TRANSMANAL MINIMALLY INVASIVE SURGERY (TAMIS)  
Henry Schoonyoung, MD, Francisco Quinteros, MD, Beatriz Martin-Perez, MD, Lawna Hunter, BA, George Nassif, DO, Teresa deBeche-Adams, MD, Sergio Larach, MD, Matthew Albert, MD, Sam Atallah, MD; Florida College of Medicine

P425 TRANSMANAL MINIMALLY INVASIVE SURGERY (TAMIS): CHALLENGING THE LIMITS OF TRADITIONAL LOCAL EXCISION  
Danielle M Giesler, MD, Mark A Casillas, Jr., MS, MD; The University of Tennessee Graduate School of Medicine, Department of Surgery

P426 PRELIMINARY FACE VALIDATION OF A VIRTUAL TRANSUMINAL ENDOSCOPIC SURGERY TRAINER (VTEST)  
Woojin Ahn, PhD, Saurabh Dargar, Tanuel Hall, PhD, Ganesh Sankaranarayanan, PhD, Kurt Roberts, MD, Suvarna De, ScD; Rensselaer Polytechnic Institute, Troy; University of Central Arkansas, Conway; Yale University, New Haven

P427 TRANSANAL VIDEO ASSISTED SURGERY USING SINGLE ACCESS PORT-INITIAL EXPERIENCE AND LESSONS LEARNED  
Irene J Lo, MD, Paul Suding, MD, Giovanni Begossi, MD, Rupert Horoupiam, MD, Ajay K Upadhyay, MD; Alta Bates Summit Medical Center (Oakland and Berkeley, California), St. Rose Hospital (Hayward, California)

P428 CREATING EFFICIENCY IN PER ORAL ENDOSCOPIC MYOTOMY  
Homero Rivas, MD, MBA, Shushmita Ahmed, MD, Michael Russo, MD; Stanford University School of Medicine

P429 DURABILITY OF THE EFFECT OF TRANSVERSUS ABDOMINIS PLANE BLOCKS ON PATIENT OUTCOMES IN LAPAROSCOPIC COLORECTAL SURGERY: REVIEW OF 200 CONSECUTIVE CASES  
Deborah S Keller, MS, MD, Benjamin Crawshaw, MD, Bridget O Ermlich, RN, MSN, CCRP, Conner P Delaney, MD, MCh, PhD; University Hospitals-Case Medical Center, Case Western Reserve University

P430 PREDICTORS OF VENOUS THROMBOEMBOLISM IN OPEN AND LAPAROSCOPIC BARIATRIC SURGERY  
Ivy N Haskins, MD, Richard Amudr, PhD, Khashayar Vaziri, MD, FACS; George Washington University Department of General Surgery

P431 OUTCOMES OF LAPAROSCOPIC VERSUS OPEN LADD’S PROCEDURE FOR INTESTINAL MALROTATION IN ADULTS  
Lane Frazier, MD, Glen E Levenson, PhD, Ankush Gosain, MD, PhD, Jacob A Greenberg, MD, EdM; University of Wisconsin Hospital and Clinics, Department of Surgery

P432 ROBOTICALLY-ASSISTED LAPAROSCOPIC BILIOPANCREATIC DIVERSION WITH DUODENAL SWITCH. LEARNING CURVE AND PROGRESS IN FIVE YEARS OF PRACTICE  
Jewanto Sucandy, MD, Gintaras Antanavicius, MD, FACS; Abington Memorial Hospital, PA

P433 MINIMALLY INVASIVE APPROACH TO SMALL BOWEL OBSTRUCTION CAUSED BY METASTATIC LUNG CANCER  
Moham M John, MD, Harish Nirujogi, MD, Vishweshwar Haresh, MD, Vellare Parthivial, MD, Masooma Niazi, MD; Bronx Lebanon Hospital Center, Bronx, NY

P434 THE CONTROVERSY OF PROPHYLACTIC IVC FILTERS IN HIGH RISK PATIENTS UNDERGOING GASTRIC BYPASS SURGERY  
B Jakub Wilhelm, MD, Aniket K Sakharpe, MPh, Manthan Makadia, MD, Leopoldo M Baccaro, MD, Vinoy Singhal, MD; Easton Hospital, Drexel University College of Medicine

P435 THE POWERED ECHLEX FLEX ENDOPATH STAPLER (EFPE) LEADS TO LESS POSTOPERATIVE HEMORRHAGE FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS; EVIDENCE FOR AN UNANTICIPATED BENEFIT FROM THE POWERED STAPLE DEVICE.  
Darrel P Doucette, MD, John J Kelly, MD, Donald R Czerniach, MD, Philip A Cohen, MD, Richard A Perugini, MD; UMass Memorial Medical Center

P436 TWO YEAR PROSPECTIVE FOLLOW UP OF BOWEL FUNCTION AFTER CHOLECYSTECTOMY IN 100 PATIENTS  
Matthew Zapf, BA, Woody Denham, MD, Ermilo Barrera, MD, Chih E Wang, PhD, Zeeshan Butt, PhD, JoAnn Carbay, BS, John Linn, MD, Michael Ujiki, MD; NorthShore University HealthSystem

P437 PREDICTORS OF ADENOMA DETECTION IN COLONOSCOPY BY GASTROENTEROLOGISTS AND GENERAL SURGEONS  
B Evans, MD, M Borgaonkar, MD, FRCP, D Pace, MD, FRCSC, N Hickey, M O’Leary, G Fallsow, J McGrath; Memorial University of Newfoundland, Queens University
P449 LONG TERM OUTCOMES OF INTRATHORACIC STOMACH REPAIR WITH CRURAL REINFORCEMENT USING VICRYL MESH AND BIOGLUE
Jessica L Reynolds, MD, Joerg Zehetmayer, MD, Nikolai Bilduzewicz, MD, Namir Katkhoura, MD, Elizabeth Hong, Jonathan C Cash, MD, John C Lipham, MD; Keck Medical Center of the University of Southern California, Los Angeles, CA

P450 IS BLIND NASO-GASTRIC TUBE INSERTION SAFE AFTER SLEEVE GASTRECTOMY? A PORCINE MODEL
Thomas Fabian, MD, Lauren Nagle, BA, Mara McErlan, MD; Albany Medical College

P451 Withdrawn

P452 MINIMALLY INVASIVE DUODENOJUENOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME
Zhao Sun, MD, John Rodriguez, MD, John McMichael, R Matthew Walsh, MD, Sricharan Chalikonda, MD, Raul J Rosenthal, MD, Matthew D Kroh, MD, Kevin El-Hayek, MD; 1 Digestive Disease Institute, Cleveland Clinic, Cleveland, OH; 2 Digestive Disease Institute, Cleveland Clinic, Weston, FL

P453 RIGHT ATRIUM MONITORING USING TRANSESOPHAGEAL ECHOCARDIOGRAPHY COULD PREVENT CRITICAL CARBON DIOXIDE GAS EMBOLISM IN LAPAROSCOPIC LIVER RESECTION. Akihiko Oshita, MD, PhD, Masahide Shinzawa, MD, PhD, Masaru Sasaki, MD, PhD, Satoshi Inoue, MD, Yuta Kuroo, MD, Takuro Yamaguchi, MD, Hiroyuki Nakamura, MD, PhD, Yoichi Sugiyama, MD, PhD, Tatsuya Tazaki, MD, PhD, Mohri Kouyama, MD, PhD, Yui Imamura, MD, PhD, Masakazu Nakao, MD, PhD, Aishiki Nakamitsu, MD, PhD; JA Hiroshima General Hospital

P454 SCREENING FOR PROTHROMBOTIC STATES DOES NOT IDENTIFY PATIENTS AT RISK FOR PORTAL AND SPLICE VEIN THROMBUS FOLLOWING LAPAROSCOPIC SPLENECTOMY. Namdar Manouchehri, Pepa Kaneva, Chantal Seguin, Giovanni P Artho, Gerald M Fried, Liane S Feldman, McGill University Health Centre

P455 HOSPITAL READMISSION FOLLOWING APPENDECTOMY, CHOLECYSTECTOMY, AND HERNIORRHAPHY. Brian C Hill, MD, Saad A Shebraein, MBCh, FACS, Leonarda H Burke, MPA, CCRP, Shivani Shah, MD, Ethan M Matz; Western Michigan University School of Medicine

P456 MECKEL’S DIVERTICULUM – A FIVE YEAR INPATIENT ANALYSIS. Shadi Al-Bahri, MD, Gregory Burgoyne, MD; Department of Surgery, MedStar Union Memorial Hospital, Baltimore, MD

P457 MINILAPAROSCOPIC CHOLECYSTECTOMY IS ASSOCIATED WITH A LOWERBILE DUCT INJURY RATE. A SYSTEMATIC REVIEW. Diego L Lima, MD, Gildo O Passos Junior, MD, Juscieille S Barros, Ingrid V R Rodrigues, Yukie K Konishi, Frederico W C. Silva, MD, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

P458 INNOVATIVE APPROACHES TO LAPAROSCOPIC CHOLECYSTECTOMY: A COMPARISON OF OUTCOMES FOR SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY, MULTI-PORT ROBOTIC CHOLECYSTECTOMY, AND SINGLE SITE ROBOTIC CHOLECYSTECTOMY. Robert J Aragon, MD, Cheryl Lin, MD, Tamas J Vidovszky, MD, FACS, Aaron D Carr, MD, Mohamed R Ali, MD, FACS; Department of Surgery, University of California, Davis.

P459 ANTENNA COUPLING FROM MONOPOLAR INSTRUMENTS EXPLAINS UNINTENTIONAL THERMAL INJURY CAUSED BY COMMON OPERATING ROOM MONITORING DEVICES. Nicole T Townsend, MD, Edward Jones, MD, Alessandra Paniccia, MD, Greg V Stiegemann, MD, Thomas N Robinson, MD; University of Colorado
P460 SURGICAL TREATMENT OF MEDICALLY REFRACTORY GASTROPARESIS IN MORBIDLY OBESE PATIENTS Zhow Su, MD, John Rodriguez, MD, John McMichael, Bipan Chand, MD, Stacy Brethauer, MD, Phillip Schauer, MD, Kevin El Hayek, MD, Matthew D Krah, MD; 1 Digestive Disease Institute, Cleveland Clinic, Cleveland, OH; 2 Department of Surgery, Loyola University, Maywood, IL

P461 A PICTURE IS WORTH A THOUSAND WORDS: EMBEDDED IMAGES WITHIN OPERATIVE REPORTS IMPROVE UNDERSTANDING AND QUALITY Emily Huang, MD, Jonathan Carter, MD; University of California San Francisco

P462 TREATMENT OF UNRESOLVED SMALL BOWEL OBSTRUCTION OF DIFFERENT ORIGINS USING LAPAROSCOPY Juan D Hernandez, MD, Ricardo Nassar, MD; Hospital Universitario Fundacion Santa Fe de Bogota and Universidad de los Andes

P463 COMBINING APPENDECTOMY WITH CHOLECYSTECTOMY: IS IT WORTH THE RISK? Mimi Kim, MD, Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Amanda L Walters, MS, Vedra A Augenstein, MD, B. Todd Heniford, MD; Department of Surgery, Division of GI and Minimally Invasive Surgery, Carolinas Medical Center, Charlotte, NC

P464 ROBOTIC VERSUS LAPAROSCOPIC SURGERY FOR COLONIC DISEASE: A META-ANALYSIS OF INTRA-OPERATIVE VARIABLES. Kandace M Kichler, MD, Alberto Zarak, MD, Alvaro Castillo, MD, Lucy M De La Cruz, MD, Leonardo Tamariz, MD, MPH, Srinivas Kaza, MD, FACS; University of Miami, Regional Campus, West Palm Beach, Florida

P465 ROBOTIC-ASSISTED ABDOMINOPERINEAL RESECTION: EFFICACY AND SAFETY IN A COMMUNITY HOSPITAL SETTING.. Marcus F Yarbrough, MD. *Subhash Misra, MD, MS, FACCWS; Department of Surgery CTCAMidwestern Hospital, Zion, IL. *Texas Tech University Health Science Center – Amarillo, TX

P466 EVALUATING THE COLLABORATIVE APPROACH TO THE IMPLEMENTATION OF ROBOTIC KIDNEY SURGERY Timothy Johnson, MD, Roc McCarthy, DO, Ashley Adams, BS, Thomas V Clancy, MD, William W Hope, MD; New Hanover Regional Medical Center

P467 OUT BY 3:30 – A STUDY IN BARIATIC ROBOTIC SURGERY EFFICIENCY Hernan D Urrego, MD, Aliu Sanni, MD, Juan P Toro, MD, S. Scott Davis, MD, John F Sweeney, MD, Edward Lin, DO, Ankit D Patel, MD; Emory University

P468 ROBOTIC COLORECTAL SURGERY: SHORTER OPERATIVE TIMES, LOW CONVERSION RATES, AND EXCELLENT ONCOLOGIC YIELD – A SINGLE-SURGEON RETROSPECTIVE COHORT STUDY AT A HIGH-VOLUME COMMUNITY CENTER Vanitha Vasudevan, MD, Chetan Patel, MD, Joshua Parreco, MD, Srinivas Kaza, MD; Department of Surgery, University of Miami Miller School of Medicine, Palm Beach Regional Campus, Atlantis, FL

P469 TOTALLY ROBOTIC COMPLETE MesoCOLIC EXCISION AND CENTRAL VASCULAR EXCISION FOR RIGHT-SIDED COLON CANCER Sung Uk Bae, Chang Woo Kim, Min Soo Cho, Hyun A Jang, Se Jin Baek, Hyuk Hur, Seung Hyuk Baik, Nam Kyu Kim, Byung Soh Min; Yonsei University College of Medicine

P470 DA VINCI® LOW ANTERIOR RESECTION FOR RECTAL CANCER WITH FULL-ROBOTIC SINGLE-Docking TECHNIQUE: A SINGLE INSTITUTIONAL EXPERIENCE Giuseppe Spinoglio, MD, Luca Lentì, PhD, Giampaolo Formisano, MD, Alessandra Marano, MD, Marco Lodin, MD; Department of General and Oncologic Surgery, SS. Antonio e Biagio hospital, Alessandria, Italy

P471 THE SAFETY AND FEASIBILITY OF SINGLE INCISION ROBOTIC LAPAROSCOPIC CHOLECYSTECTOMY IN THE ACUTE SETTING George A Magpile, MD, Adam S Rosenstock, MD, Stephen G Pereira, MD; Hackenzack University Medical Center

P472 ROBOTIC VERSUS LAPAROSCOPIC COLORECTAL SURGERY: A CASE MATCHED STUDY FROM A TERTIARY REFERRAL CENTER Emre Gorgun, Erman Aytaç, Brooke Gurland, Meagan M Costedio; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio

P473 RETROSPECTIVE COMPARATIVE ANALYSIS OF ROBOTIC VERSUS LAPAROSCOPIC paraoesophageal hernia repair: a single center experience Vanitha Vasudevan, MD, Kandace Kichler, MD, Lucy De La Cruz, MD, Srinivas Kaza, MD; University of Miami Miller School of Medicine Palm Beach Regional Campus, Atlantis, FL

P475 ROBOTIC SINGLE SITE CHOLECYSTECTOMY-RETROSPECTIVE OUTCOME ANALYSIS FROM A HIGH VOLUME COMMUNITY HOSPITAL Vanitha Vasudevan, MD, Lucy De La Cruz, MD, Kandace Kichler, MD, Srinivas Kaza, MD; University of Miami Miller School of Medicine Palm Beach Regional Campus, Atlantis, FL

P476 SINGLE-SITE ROBOTIC CHOLECYSTECTOMY: INITIAL EXPERIENCE Subhashini Ayloo, MD, FACS, Nabajit Choudhury; Division of General, Minimally Invasive and Robotic Surgery, Department of Surgery, University of Illinois at Chicago, Chicago, Illinois

P477 ROBOTIC REVISIONAL BARIATRIC SURGERY: SINGLE SURGEON CASE SERIES Subhashini Ayloo, MD, FACS, Nabajit Choudhury; Division of General, Minimally Invasive and Robotic Surgery, Department of Surgery, University of Illinois at Chicago, Chicago, Illinois

P478 PARTIAL SPLENECTOMY IN THE MANAGEMENT OF BLUNT SPLENIC TRAUMA Hany A S Abd Allah, PhD; Gastrointestinal Surgery Unit, General Surgery Department, Faculty Of Medicine, Tanta University

P479 HAND-ASSISTED LAPAROSCOPIC SPLENECTOMY FOR MALIGNANT LYMPHOMA OF THE SPLEEN Mochiya Kobayashi, MD, PhD, Ken Okamoto, MD, PhD, Hiromichi Mase, MD, PhD, Hirouki Kitagawa, MD, PhD, Tsutomu Namikawa, MD, PhD, Ken Dabanaka, MD, PhD, Daizuke Nakamura, MD, Koji Oba, PhD, Kazuhiro Hanazaki, MD, PhD; Department of Human Health and Medical Sciences, Kochi Medical School, Nankoku, Japan

P480 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC SPLENECTOMY USING CONVENTIONAL INSTRUMENTS: PRELIMINARY EXPERIENCE IN CONSECUTIVE PATIENTS AND COMPARISON TO STANDARD MULTIPLE-INCISION LAPAROSCOPIC SPLENECTOMY Ying Fan, Shuodong Wu; Department of the Second General Surgery, Shengjing Hospital of China Medical University, Shenyang City, Liaoning Province, People’s Republic of China

P481 LAPAROSCOPIC-ASSISTED AUTOTRANSPLANTATION OF A RENAL ARTERY ANEURYSM Heidi J Miller, MD, MPH, Rashad G Choudry, MD, Radi Zaki, MD; Albert Einstein Healthcare Network
Poster Listing

P482 SINGLE INCISION LAPAROSCOPIC SPLENECTOMY: FEASIBILITY AND COMPARISON TO MULTIPORT LAPAROSCOPIC SPLENECTOMY. Masataka Ikeda, MD, Mitsugu Sekimoto, MD, Koji Takami, MD, Motohiro Hirao, MD, Michihiko Miyazaki, MD, Hideyasu Ohmiya, MD, Atsushi Miyamoto, MD, Kazuhiro Nishikawa, MD, Tadashi Asaoka, MD, Masakazu Miyake, MD, Kazuyoshi Yamamoto, MD, Naotsugu Haraguchi, MD, Shoji Nakamori, MD; Osaka National Hospital

P483 LAPAROSCOPIC SPLENECTOMY. Burhan Mayir, Tun Bilecik, Umit Koc, Cemal Ozben Ensari, Mehmet Tahir Oruc, Nurullah Bulbuller; Antalya Education and Research Hospital

P484 WANDERING SPLEEN PRESENTING WITH TORSION, ITP EXACERBATION. Eric W Owings, MD, Sagar Gandhi, MD, Todd Nickloes, DO, Andrea M Alexander, MD; University of Tennessee Medical Center Knoxville

P485 LAPAROSCOPIC REMOVAL OF AN ACCESSORY SPLEEN FOR RECURRENT IDIOPATHIC THROMBOCYTOPENIC PURPURA 5 YEARS AFTER LAPAROSCOPIC SPLENECTOMY. Hugo Bonatti, MD, Daniel Medina, MD, Stephen Kavic, MD; University of Maryland

P486 NUMBER OF LYMPH NODES REMOVED DURING RADICAL PROSTATECTOMY FOR EARLY PROSTATE CANCER AS IT RELATES TO OUTCOME. Ebrahim Abdal, Dr, Amina Bouhelal, Mr, Bijendra Patel, Mr, Hitendra Patel, Professor; Barts Cancer Institute Queen Mary University of London

P487 RENAL PARENCHYMA PERFUSION DURING LAPAROSCOPIC DONOR NEPHRECTOMY. Adam J Reid, MD, Myron Powell, MD, Carl Westcott, MD; Wake Forest University Baptist Medical Center

P488 LAPAROSCOPIC ASSISTED SPLENECTOMY FOR SPLENOMEGALY BY MALIGNANT LYMPHOMA AND HYPERSPLENIEMS. Shinjiro Tomiyasu, MD, PhD, Kazutoshi Okabe, MD, PhD, Hiroyuki Komori, MD, Osamu Sano, MD, Akira Tsuji, MD, Hiroshi Tanaka, MD, Shinji Ishikawa, MD, PhD, Hiroki Sugita, MD, PhD, Tetsumasa Arita, MD, PhD, Yasushi Yagi, MD, PhD, Tsuyoshi Yamamoto, MD, PhD, Masahiko Hirota, MD, PhD, Toru Beppu, MD, PhD, FACS, Hideo Baba, MD, PhD, FACS; Kumamoto Regional Medical Center
ETP001 INDOCYANINE GREEN FLUORESCENT IMAGING FOR THE DETECTION OF PARATHYROID GLAND: A PRECLINICAL STUDY Yong Junh Sub, MD, Jung Woo Woo, MD, Young Joon Choi, MD, Hyungkeun Kwon, MD, Se Hyun Paek, MD, Eunyoung Kim, MD, Il Yong Chung, MD, Kyu Hyung Kim, MD, Su-jein Kim, MD, June Young Choi, MD, Kyu Eun Lee, MD, PhD, Yong Taik Lim, PhD, Yeo-Kyu Youn, MD, PhD; Department of Surgery, Seoul National University Hospital and College of Medicine, Seoul, Korea

ETP002 TRANSENAL TOTAL MESORECTAL EXCISION WITH REAL-TIME, IMAGE-GUIDED STEREOTAXY Sam B Atallah, MD, George Nassif, DO, Beatriz Martin-Perez, MD, Sergio W Larach, MD; Florida Hospital

ETP003 TRANSRECTAL HYBRID-NOTES ANTERIOR RESECTION USING AN ARTICULATING HD 3D LAPAROSCOPIC SURGICAL VIDEO SYSTEM Daniel C Steinemann, MD, Andreas Zerz, MD, Sebastian H Lamm, MD; Cantonal Hospital Basel Country, Department of Surgery, Bruderholz, Switzerland

ETP004 A NOVEL METHOD OF RETRACTION IN MINIMAL ACCESS SURGERY USING BIOADHESIVE FILMS Saud Aldeghachi, Benjie Tang, Donald McLean, Emma Wright, Zhigang Wang, Afschin Alijani, Ian Tait, Alfred Cuschieri; Cuschieri Skills Center &Institute of medical science and technology, University of Dundee, Dundee, Scotland

ETP005 INVENTION OF PORTABLE, DIGITAL AND, FLEXIBLE VIDEO-ENDOSCOPE Abderrassame Malekpoor, Dr Saeideh Zahedi, Bs, Hamed Hasan, Javad Kojuri, MD; Quality improvement in clinical Education Research Center, Shiraz University of Medical Sciences, Shiraz, Iran

ETP006 PERORAL ESOPHAGEAL MYOTOMY VERSUS LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA: A META-ANALYSIS Mingjian Wei, MD, Hang Yi, MD, Ziqiang Wang, MD, Zongguang Zhou, MD; Department of Gastrointestinal Surgery, West China Hospital, Sichuan University

ETP007 NOBLE METHOD FOR INTRAOPERATIVE TUMOR LOCALIZATION DURING LAPAROSCOPIC LOCAL RESECTION OF STOMACH: ENDOSCOPIC SUBMUCOSAL CUTTING AND LIGHT TRANSMISSION Young-Joon Lee, Il-Ha Park, Sang-Ho Jeong, Chang Yoon Ha, Ju-Yeon Kim, Taejin Park, Chi-Young Jeong, Young-tae Ju, Eun-Jun Jung, Soon-Chan Hong, Sang-Kyung Choi, Woo-Sang Ha; Gyeongsang National University

ETP008 CONCEPT OF SOLO-SURGERY USING A LOCALY OPERATED DETACHABLE END-EFFECTOR MANIPULATOR TO SUPPORT ENDOSCOPIC SURGERY Yuj Nishizawa, PhD, Yoshikazu Kawai, PhD, Tatsuo Nakamura, PhD, Masato Fujisawa, PhD, Keiichi Okano, PhD, Yussyuki Suzuki, PhD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University

ETP009 SINGLE-INCISION LAPAROSCOPIC APPROACH TO ILEAL LIPOMA Massami Maeda, MD, Yuj Nishizawa, PhD, Takayuki Fuji, MD, Akhiro Kondo, MD, Masao Fujisawa, PhD, Keiichi Okano, PhD, Yussyuki Suzuki, PhD; Department of Gastroenterological Surgery, Kagawa University, Japan

ETP010 INTRACTABLE MARGINAL ULCER AFTER GASTRIC BYPASS IN MORBIDLY OBESE PATIENTS: A COMPARISON OF RY BYPASS AND ONE ANASTOMOSIS MINI BYPASS Abdullah Almulafah, MD, Wei-Jie Lee, MD, , PhD, Jung-Chien Chen, MD, Kong-Han Ser, MD; Min-sheng general hospital, National Taiwan university

ETP011 EFFICACY OF LAPAROSCOPIC SALINE COUPLED RADIOFREQUENCY ELECTRO-SURGERY DEVICE IN MINIMALLY INVASIVE HEPATOMOBILIARY SURGERY Ramanathan M Seshadri, MD, David J Niemeyer, MD, Ryan Z Swan, MD, David Sindram, MD, PhD, David A Iannitti, MD, John B Martinez, MD; Carolinas Medical Center

ETP012 I-LID - INSTRUMENT-DRIVEN LAPAROSCOPIC IMAGE DISPLAY Francois J Lukas, MD, Austin Y Ha, Derek L Merck, PhD, Eleanor A Fallon, MD, Sean S Ciullo, MD; Alpert Medical School of Brown University

ETP013 FIRST HUMAN EXPERIENCE USING THE DYNAMIC LAPAROSCOPIC NOVATRACT™ RETRACTOR Koji Park, MD, Andrew J Duffy, MD, FACS, Kurt E Roberts, MD, FACS; Yale University School of Medicine

ETP014 RETRACTOR SYSTEM USING SUCKERS IN THE ARTIFICIAL ASCITES. Kotoro Kusu, BSc, Yoshihisa Matsunaga, Takuro Ishii, MSc, Kazuya Kawamura, PhD, Tatsuo Igarashi, MD, PhD; Chiba University

ETP015 NEW MAGNETIC DEVICE THAT ENABLES AND FACILITATES REDUCED PORT SURGERY Alberto Rodriguez-Navarro, MD, Homero Rivas, MD, Ignacio Robles, MD, Alex Escalona, MD, Steven Schwartzberg, MD; University of Chile, Stanford University, Catholic University of Chile, Cambridge Health Alliance Harvard Medical School, Levita Magnetics

ETP016 DEVELOPMENT OF SIMULATION-BASED SUTURING TRAINING FOR DA VINCI® SURGERY Liron Leist, VP, Research, and, Development, Hadar Segal, Senior, Team, Leader, Mayo Bloch, Product, Manager, Simbionix USA

ETP017 TORSIONAL MODEL HEMORRHIOIDECTOMY : A NEW PROCEDURE FOR THE MANAGEMENT OF HEMORRHHOIDAL DISEASE Paraskevas Theodossiou, MD, Consultant, of, Surgery, George Alvanos, Anastasia Katselli, Palaiologos Doulgeroglou, Domna Fanidou; Athens General Hospital

ETP018 THE MITIE COMPUTERIZED LAPAROSCOPIC AND SURGICAL SKILLS (CLASS) TRAINER, A NOVEL PLATFORM TO PROVIDE VIRTUAL MENTORING AND TRACK LEARNING PROGRESS Victor T Wilcox Jr, MD, Albert Huang, MD, Nilson Salas, MD, Brian J Dunkin, MD, FACS; The Methodist Institute for Technology, Innovation, and Education

ETP019 LAPAROSCOPIC ABDOMINAL INCISIONAL HERNIA REPAIR ACHIEVED WITHOUT COMPLICATIONS BY REEFING OF THE HERNIA ORIFICE AND SUTURE-ONLY MESH FIXATION Eichir Hirai, MD, Hideto Oishi, MD, Fumi Maeda, MD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takuya Satou, MD, Takayuki Iino, MD, Hidekazu Kuramochi, MD, Shunsuke Onizawa, MD, Miki Hamano, MD, Tutomu Nakamura, MD, Tatsuo Arai, MD, Division of Gastroenterological Surgery, Department of Surgery, Yachiyo Medical Center, Tokyo Women’s Medical University

ETP020 ARGON PLASMA COAGULATION: NEW ENDOSCOPIC TECHNIQUE AND PERSONAL EXPERIENCE ON WEIGHT REGAIN AFTER GASTRIC BYPASS Giorgio Baretta, PhD, Manoel Galvao Neto, MSc, Joao Henrique Lima, PhD; Center of Advanced Bariatric Endoscopy - Vita Batel Hospital

ETP021 OBJECTIVE ASSESSMENT OF THE SUTURE LIGATURE METHOD FOR THE LAPAROSCOPIC INTESTINAL ANASTOMOSIS MODEL USING A NEW COMPUTERIZED SYSTEM Munenori Uemura, MMedSci, Makoto Yamashita, Morimasa Tomikawa, MD, PhD, FACS, Satoshi Oabata, MD, Ryota Souzaki, MD, PhD, Satoshi leiri, MD, PhD, Kenoki Ohuchida, MD, PhD, Noriyuki Matsuoka, Tamotsu Kuramochi, Shinuke Onizawa, MD, Burger I, MD, Tatsuo Nakamura, MD, Tatsuo Arai, MD, Division of Gastroenterological Surgery, Department of Surgery, Yachiyo Medical Center, Tokyo Women’s Medical University

ETP022 USE OF THE EXOSCOPE (VITOM) FOR OPEN TRANSTHRACIC REPAIR OF RECURRENT TRACHEOESOPHAGEAL FISTULA IN A CHILD: ENHANCED VISUALIZATION AND DOCUMENTATION OF UNCOMMON CASES IN PEDIATRIC SURGERY Philip K Frykman, MD, PhD, MBA, Scott S Short, MD, George Berci, MD; Division of Pediatric Surgery, Department of Surgery, Cedars-Sinai Medical Center
ETP031 A DIRECT MEASURE OF COPPER ABSORPTION IN HEALTHY VOLUNTEERS  Paul Tasker, FRCS, Joan Braganza, DSc, FRCP, Harbans Sharma, MSc, PhD, DSc; Manchester Royal Infirmary

ETP040 COLORWRAP® Binder Reduces Insertion Time, Use of Ancillary Maneuvers, and Frequency of Prolonged Insertions During Colonoscopy  James P Hathorn, Mark A Dubinski, MD, Marybeth Spanarkel, MD; ColoWrap, LLC, Durham, NC; Carolina GI Associates, Henderson, NC; Regional Gastroenterology Associates, Durham, NC

ETP043 A NOVEL ANTIMICROBIAL COATED NON-CROSSLINKED ACELLULAR PORCINE DERMAL MATRIX INHIBITS IN VITRO METHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) BIOFILM FORMATION. Yuri W Novitsky, MD, Ryan A Liese, BS, MBA, Jeffrey R Scott, PhD; University Hospitals Case Medical Center, Brown University, C. R. Bard, Inc. (Davol)

ETP044 A CLEAR VISION OF THE FUTURE THROUGH A DISRUPTIVE INNOVATION James Ansell, MD, Neil Warren, Dr, Pete Wall, Dr, Kim Cocks, Dr, Stuart Goddard, Dr, Michael Stetchman, Mr, David Scott-Coombes, Mr, Jared Torkington, Mr; Welsh Institute for Minimal Access Therapy, Cardiff, UK. University Hospital of Wales, Cardiff, UK.
ETP045 SAFETY AND EFFICACY OF POST-ANASTOMOTIC INTRAOPERATIVE ENDOSCOPY TO AVOID EARLY ANASTOMOTIC COMPLICATIONS DURING GASTRECTOMY FOR GASTRIC CANCER Sang-Ho Jeong, Young-Joon Lee, Ju-Yeon Kim, Taejin Park, Sang-Kyung Choi, Soon-Chan Hong, Eun-Jung Jung, Young-tae Ju, Chi-Young Jeong, Woo-Song Ha, Ji-Ho Park*; Gyeongsang National University, * Seoul National University

ETP046 APPLICATIONS OF GOOGLE GLASS IN SURGERY Andrew Wright, MD, Amy Morris, MD, Heather Evans, MD, Jonathan Ilgen, MD, Andrew Mesher, MD, Michael Levitt, MD; University of Washington

ETP047 SENSORLESS FORCE ESTIMATION FOR A MOTORIZED SURGICAL GRASPER Baoqiang Zhao, Carl Nelson; Mechanical & Materials Engineering, University of Nebraska_Lincoln

ETP048 ENDOSCOPIC ASSISTED TRANS-GASTRIC AND COLORECTAL FULL THICKNESS RESECTIONS ARE ENABLED BY A NOVEL 5 MM SURGICAL STAPLER Radu Pescarus, MD; Eran Shlomovitz, MD, Ahmed Sharata, MD, Maria Cassera, BS, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swansstrom, MD; Providence Portland Medical Center and Gastrointestinal and Minimally Invasive Surgery Division, The Oregon Clinic, Portland, Oregon

ETP049 DEVELOPMENT OF A VIRTUAL REALITY ELECTROSURGERY SKILLS TRAINER(VEST®) TO SUPPLEMENT FUSE Brian F Allen, PhD, Jaiso Olasky, MD, Hussna Wakily, Daniel B Jones, MD, MS, Suurana De, ScD, Steven Schwartzberg, MD; Rensselaer Polytechnic Institute, Harvard Medical School

ETP050 ASSESSMENT OF COGNITIVE LOAD DURING LAPAROSCOPIC SKILL PERFORMANCE WITH FUNCTIONAL NEAR-INFRARED SPECTROSCOPY Elizabeth Gleeson, MD, MPH; Hasan Ayaz, PhD, Lucian Panaite, MD, Andres Castellanos, MD, Catalin Copaescu, MD, PhD; Victor Tomulescu, MD, PhD; Drexel University College of Medicine, Dept of Surgery, Philadelphia, PA, Drexel University, School of Biomedical Engineering, Philadelphia, PA, Panderas Hospital, Dept of Surgery, Bucharest, Romania, Fundeni Clinical Institute, Bucharest, Romania

ETP051 THE USE OF AN ENDOSCOPIC FLUORESCENCE IMAGING SYSTEM TO ASSIST IN LIVER RESECTIONS Chet W Hammill, MD, MCR, FACS, Cory Johnston, MD, Kevin Reavis, MD, FACS, Paul D Hansen, MD, FACS; The Oregon Clinic, Portland, OR

ETP052 ENDOLUMINAL VACUUM THERAPY FOR IVOR-LEWIS ANASTOMATIC LEAKS: A PILOT STUDY IN A SWINE MODEL Rachel B Scott, DC, Laura H Rosenberger, MD, Lane A Ritter, MD, Amber L Shada, MD, Sanford H Feldman, DVM, PhD, Mark J Mentrlikoski, MD, Daniel E Kleiner, MD; Western Connecticut Health Network, Department of Surgery; University of Virginia Health System, Department of Surgery

ETP053 INTRACORPOREAL END-TO-SIDE ESOPHAGOJEJUNOSTOMY USING LAP-JACK: A NEW TYPE OF LAPAROSCOPIC PURSE-STRING SUTURE INSTRUMENT Chang Min Lee, MD, Sang-Yong Son, MD, Do-Hyun Jeong, MD, Sang-Hoon Ahn, MD, Do Joong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Seoul National University Bundang Hospital

ETP054 COMPARING VISUAL-SPATIAL TASK ABILITY USING MONOCSCOPIC AND STEREOSCOPIC VIEWS IN MEDICAL DATA Marcel Martinez Escobar, Bethany Junke, Joseph Holub, Eliot Winer, PhD; Iowa State University

ETP055 USE OF PHOTOACOUSTIC IMAGING TO PREDICT VISCOELASTIC PROPERTIES OF HUMAN TISSUE Seth Goldstein, MD; Behnoosh Tavakoli, PhD, Ralph Hruban, MD, Emad Boctor, PhD, Michael Choti, MD, MBA; Johns Hopkins Departments of Surgery and Computer Science

ETP056 SINGLE-SITE ROBOTIC CHOLECYSTECTOMY WITH INDOCYANINE GREEN FLUORESCENT CHOLANGIOGRAPHY: 72 CASES WITH NO COMPLICATIONS. Despoina Daskalaki, MD, Mario Masur, MD, Kristin Patton, MD, Francesco Maria Biano, MD, Pier Cristoforo Giulianiotti, MD, FACS; Department of Surgery, Division of Minimally Invasive and Robotic Surgery, University of Illinois Hospital and Health Sciences System

ETP057 LIGATION OF THE APPENDIX WITH POLYMETRIC CLIPS Lawrence F Tabone, MD, Dana Portenier, MD, Chan W Park, MD; Duke University

ETP058 PERIOPERATIVE MANAGEMENT SOFTWARE: OR LIVE DATA Henry Lin, MD, Ernest Lockrow, MD, Michael Szymaniak, RN, Jacques Clervill, PMP, ITLV, Michael Stany, MD; Walter Reed National Military Medical Center

ETP059 REVISIONAL SLEEVE TO SLEEVE GASTRECTOMY UTILIZING OLYMPUS 3D ENDOSCOPY SYSTEM Raqui Sadek, MD, FACS, Andrew W Massef, BS, Rutgers-Robert Wood Johnson Medical School

ETP060 DIABETES SEVERITY SCORE (DSS) : A USEFUL TOOL TO ASSESS THE SEVERITY OF DIABETES, SELECT THE APPROPRIATE SURGICAL PROCEDURE AND PREDICT THE REMISSION . Surendra Ujale, MS, FALS; Kirlskoskar Hospital, Bashar Bagh, Hyderabad 500063

ETP061 USE OF SMARTGLASSES TO OPTIMIZE DELIVERY OF PRE-OPERATIVE SURGICAL SAFETY CHECKLISTS Michael Russo, MD, Ulysses Rosas, BA, Homero Rivas, MD, MBA; Stanford University School of Medicine

ETP062 USE OF SMARTGASSES FOR AUGMENTED REALITY BASED SURGICAL TRAINING Michael Russo, MD, Ulysses Rosas, BA, Homero Rivas, MD, MBA; Stanford University School of Medicine

ETP063 A NOVEL TOOL FOR MEETING INFECTION CONTROL RECOMMENDATIONS AND REDUCING RISKS OF ENVIRONMENTAL CROSS TRANSMISSION DURING ENDOSCOPIC GI PROCEDURES: THE ENDOGRADE ENDOSCOPY CONTAINMENT SYSTEMS Thomas E Szczyczek, PT, Safety Consultant, President, Thomas J Small, MD, General Surgeon, Medical, Director; Vortek Surgical, Indianapolis, IN

ETP064 THE ENHANCED UTILITY OF LAPAROSCOPY IN TRAUMA Srinivas H Reddy, MD, Melvin E Stone, MD, Jacquelyn Shaw, BS, Sheldon Teperman, MD, Harry M Delany, MD, Jacobo Medical Center - Albert Einstein College of Medicine

ETP065 EARLY RESULTS OF USING INTEGRATED BIPOLAR AND ULTRASONIC ENERGY DEVICES IN LAPAROSCOPIC DONOR NEPHRECTOMY Erica Sutton, MD, Kelsey Lewis, BS, Michael Hughes, Jr., MD, Patrick Bone, BS; Hiram C. Polk, Jr. Department of Surgery, University of Louisville School of Medicine, Louisville, KY; Olympus America, Incorporated, Center Valley, PA

ETP066 LAPAROSCOPIC SIMULATOR Li Pierce, Kara Boatwright, Trevor Cowan, Lance Jones, Seth Munger, Zach Romney, Terri Bateman, Brady Woolford; Brigham Young University

ETP067 DEVELOPMENT OF A LOW-COST, HIGH-RESOLUTION, OPEN-SOURCE LAPAROSCOPIC TRACKING PLATFORM Brian Carrillo, Ahmed Nasr, Maeve O Trudeau, Ted Gerstle, Georges Azzie; Hospital for Sick Children, Children’s Hospital of Eastern Ontario, University of Toronto

ETP068 A NOVEL PATIENT POSITIONING DEVICE FOR IMPROVING COMFORT AND SAFETY DURING ENDOSCOPIC GI PROCEDURES Thomas E Szczyczek, PT; Vortek Surgical
Emerging Technology Poster Listing

ETP069 A NOVEL BIODEGRADABLE CLIP-BASED FASTENING DEVICE FOR ROBOTIC MINIMALLY INVASIVE SURGERY (MIS): NEXT GENERATION CONCEPT FOR ANASTOMOSIS BEYOND SUTURING AND STAPLING TOOLS. J Opfermann, MS, A Krieger, PhD, Pcw Kim, MD, PhD; Sheikh Zayed Institute for Pediatric Surgical Innovation, Children’s National Health System, Washington, D.C.

ETP070 REDUCING STRAY ENERGY BURNS DURING LAPAROSCOPIC SURGERY Jeffrey L Eakin; Pioneer Valley Hospital and Jordan Valley Medical Center
**Video Channel**

If you are staying at the Hilton City Center, Hotel Monaco or Marriott Downtown, the following videos can be viewed on your in-room TV. Please check with your hotel’s front desk for specific channel.

**V042 THE LAPAROSCOPIC APPROACH TO SMALL BOWEL OBSTRUCTION**
Edward L Felix, MD; Clovis Community Medical Center

**V043 LAPAROSCOPIC CONVERSION: VBG TO GASTRIC BYPASS**
Edward L Felix, MD; Marian Hospital, Santa Maria California

**V044 LAPAROSCOPIC VERTICAL SLEEVE GASTRECTOMY (LVSG) IN A PATIENT WITH DILATED CARDIOMYOPATHY WITH A LEFT VENTRICULAR ASSIST DEVICE (LVAD)**
Pornthep Prathavanich, DO; Bipan Chand, DO; Loyola University Chicago Stritch School of Medicine

**V045 LAPAROSCOPIC APPROACH TO REPAIR A TYPE II ENDOLEAK FROM THE MEDIAN SACRAL VESSEL**
François Julien, MD, FRCSC; Diana Losada, MD, FRCS; Mireille Methot, MD, FRCS; Amy Neville, MD, FRCSC; Jean Denis Yelle, MD, FRCS, FACS; Minimally Invasive Surgery, Division General Surgery, The Ottawa Hospital, University of Ottawa

**V046 POST-LAPAROSCOPIC APPENDECTOMY SMALL BOWEL OBSTRUCTION: AN UNLIKELY CAUSE**
Katherine Foley, MD; Christian Balabanoff, MD, Ala Stanford Frey, MD, FACS; FAAP; Abington Memorial Hospital

**V047 LAPAROSCOPIC REMOVAL OF HIATAL MESH**
Grant O. Lee, MD; Hui Sen Chong, MD; Department of Surgery, University of Iowa Hospitals and Clinics

**V048 LAPAROSCOPIC BODHALEK HERNIA REPAIR**
David A Santos, MD, Nina N Bowman, DO, Clifford C Eke, MD, FACS; Kaiser Permanente Southern California Fontana/Ontario Medical Center

**V049 LAPAROSCOPIC MANAGEMENT OF PERFORATED GASTRIC ULCERS AFTER GASTRIC BYPASS WITH A COMBINED LAPAROSCOPIC-ENDOSCOPIC TECHNIQUE**
Benjamin Clapp, MD; Providence Memorial Hospital

**V050 Withdrawn**

**V051 INTUSSUSCEPTION FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS**
Lucas Beffa, MD; Mark Perna, MD, Roger A de la Torre, MD; University of Missouri - Columbia

**V052 LAPAROSCOPIC RESECTION OF BRUNNER’S GLAND ADENOMA OF THE DUODENUM**
Agustin Duro, MD, Axel F Beskow, MD; Clifford C Eke, MD, FACS; Kaiser Permanente Southern California Fontana/Ontario Medical Center

**V053 TOTAL LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION WITH ROUX-EN-Y HEPATICOJEJUNOSTOMY. SAFE AND FEASIBLE TECHNIQUES AND TIPS IN PEDIATRIC AGE GROUP.**
Senthil Kumar, PhD; Latif Bagwan, Dr, Piyush Patwa, Dr, Deepu Thyagragar, Dr; Gateway Clinics. Coimbatore, India

**V054 TRANSUMBILICAL SINGLE-ACCESS LAPAROSCOPIC LEFT ADRENALECTOMY FOR GIANT SYMPTOMATIC PHEOCHROMOCYTOMA**
Giovanni Dapri, MD, PhD, FACS; Violu Zulian, MD, Maria Bortes, MD, Perrine Mathonnet, MD, Guy-Bernard Cadire, MD; European School of Laparoscopic Surgery, Brussels, Belgium

**V055 SINGLE INCISION TRANSUMBILICAL LAPAROSCOPIC BILATERAL INGUINAL HERNIA REPAIR (TEP)**
Giovanni Dapri, MD, PhD, FACS; Leonardo Gerard, MD, Violu Zulian, MD, Maria Bortes, MD, Jean Bruyns, MD, Guy-Bernard Cadire, MD, PhD; European School of Laparoscopic Surgery, Brussels, Belgium

**V056 REDUCED PORT LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS WITH MANUAL GASTROJEJUNOSTOMY**
Giovanni Dapri, MD, PhD, FACS; European School of Laparoscopic Surgery, Brussels, Belgium

**V057 RECURRENT INTUSSUSCEPTION: LAPAROSCOPIC CONVERSION OF LOOP GASTROJEJUNOSTOMY WITH SIDE TO SIDE ENTEROSTOMY TO ROUX Y CONFIGURATION**
Daniel I Moon, MD; Kaiser Permanente Los Angeles Medical Center

**V058 LAPAROSCOPIC RADICAL LYMPHADENECTOMY WITH COMPLETE MESOCOLIC EXCISION FOR ADVANCED ASCENDING COLON CANCER NEAR THE HEPATIC FLEXURE**
Dai Uematsu, Gaku Akiyama, Kouji Yamamoto, Akiko Magishi, Takehiko Sugihara; Saku Central Hospital

**V059 RE-DO LAPAROSCOPIC ASSISTED SURGERY FOR CROHN’S DISEASE**
Shota Takano, MD, Natália P Severino, MD, Giovanna DaSilva, MD, Steven D Wexner, MD, PhDH; FACS, FRCS, FRCSEd; Department of Colorectal Surgery, Cleveland Clinic Florida

**V060 TRANSVAGINAL HYBRID-NOTES ANTERIOR RESECTION USING AN ARTICULATING HD 3D LAPAROSCOPIC SURGICAL VIDEO SYSTEM**
Sebastian H Lamm, MD; Andreas Zerz, MD, Daniel C Steinemann, MD; Cantonal Hospital Baselland, Department of Surgery, CH-4101 Bruderholz, Switzerland

**V061 CONVERSION OF LAPAROSCOPIC ADJUSTABLE GASTRIC BAND REMOVAL TO LAPAROSCOPIC SLEEVE GASTRECTOMY: A TWO STEP PROCEDURE**
Ryan C Broderick, MD; Cristina R Harnsberger, MD, Catherine Beck, MD, Alberto S Gallo, MD; Hans Fuchs, MD, Martin A Berducci, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; Department of Minimally Invasive Surgery, University of California San Diego

**V062 LAPAROSCOPIC MESH REPAIR OF POST-TRAUMATIC COMPLEX SUPRAPubic AND BILATERAL INGUINAL HERNIA**
Bestouan Ahmed, MD, FRCS; Chester Royals, MD, Ziad Awad, MD, Michael Nassbaum, MD, FACS; University of Florida College of Medicine, Jacksonville

**V063 CONCURRENT LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR WITH SUBTOTAL GASTRECTOMY AND D2 LYMPHADENECTOMY**
Carmen I Mueller, MD, Lorenzo E Ferri, MD, PhD; Montreal General Hospital, McGill University Health Centre

**V064 PETERSEN’S SPACE HERNIA AFTER GASTRIC BYPASS IN A PREGNANT PATIENT**
Milan Ernjakovic, MD, FRCS; John Hagen, MD, FRCS; University of Toronto, Humber River Regional Hospital, Toronto, Canada

**V065 ROBOT ASSISTED MANAGEMENT OF COMPLEX CHOLEDOCHOLITHIASIS USING HOLIMUM LASER**
Omaira Rodriguez, MD, Renata Sanchez, MD, Luis Medina, MD, Oriana Salamo, MD, Valentina Baez, MD, Alexis Sanchez, MD, MSc; ROBOTIC SURGERY PROGRAM - UNIVERSITY HOSPITAL OF CARacas - ROBOTIC AND MINIMALLY INVASIVE SURGERY CENTER - LA FLORESTA MEDICAL INSTITUTE

**V066 LAPAROSCOPIC TRANSGASTRIC NECROSECTION FOR INFECTED PANCREATIC NECROSIS**
David J Worhunsky, MD; Monica M Dua, MD, Jeffrey A Norton, MD, Brendan C Visser, MD; Stanford University Medical Center
Video Channel

V067 SEROMYOTOMY AS A TREATMENT OPTION AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY
Abraham Betancourt, MD, Armando Rosales-Velderrain, MD, Fernando Dip, MD, Charles Thompson III, MD, Emanuele Lo Menzo, MD, PhD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

V068 LAPAROSCOPIC REPAIR OF LUMBAR HERNIA WITH PARINETEX MESH USING QUILLS SUTURE. Fernando Díaz, MD, Hira Ahmad, MD, Emanuele Lo Menzo, MD, PhD, FACS, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

V069 ENDOCOSCOPIC MANAGEMENT OF SILASTIC RING GASTRIC EROSION Juan P Toro, MD, Nathanial W Lyle, MD, Ankit D Patel, MD, S. Scott Davis Jr., MD, Edward Lin, DO, MBA; Department of Surgery, Emory University, Atlanta, GA

V070 ENDOSEDONICALLY ASSISTED LAPAROSCOPIC INTRAGASTRIC SURGERY FOR STROMAL TUMOR Hussein Wissensari, MD, Jean-Pierre Gagné, MD; University Laval

V071 ENDOSEDONIC ULTRASONOGRAPHY GUIDED-GALBLADDER STENTING AND INTERVENTIONS Anthony Y Teoh, FRCS, Gen, Philip W Chiu, FRCS, Ed, Enders K Ng, FRCS, Ed; Prince of Wales Hospital, Chinese University of Hong Kong

V072 TECHNICAL AND TECHNOLOGICAL INNOVATIONS OF PURE LAPAROSCOPIC HEPATECTOMY, ESPECIALLY FOR THE TUMOR LOCATED ANTEROSUPERIOR AND POSTERIOR SEGMENTS. Tetsuo Ikeda, MD, PhD, M Tomikawa, MD, PhD, T Iguchi, MD, PhD, Y Yamashita, MD, PhD, T Ikegami, MD, PhD, H Uchiyama, MD, PhD, A Oshita, MD, PhD, T Yashizumi, MD, PhD, Y Soejima, MD, PhD, M Ninomiya, K Shirabe, MD, PhD, Y Maehara; Tel:092-642-5462Fax:092-642-5482Kyushu University

V073 LOOP-AND-LET-GO TECHNIQUE FOR COLONIC OBSTRUCTING LIPOMA AND TRANSANAL ENDOCOSCOPIC MICROSURGERY FOR RECTAL NEOPLASM WITH SENTINEL LYMPH NODE BIOPSYS. Alberto Arezzo, MD, Mauro Verra, MD, Alessandro Salvai, MD, Marco A Bonino, MD, Simone Arolfo, MD, Mario Marino, MD; Department of Surgical Sciences, University of Torino

V074 LAPAROSCOPIC ENucleation OF NEAR CIRCUMFERENTIAL GE JUNCTION LEIOMYOMA Yurena Caballero, MD, Ruchir Puri, MMBS, Steven P Bowers, MD; Mayo Clinic Florida, Hospital Universitario Insular de Gran Canaria

V075 LAPAROSCOPIC TRANSGASTRIC SUBMUCOSAL MASS RESECTION Ashwini Kumar, MD, Kent Van Sickle; UTHSCSA

V076 REDUCTION OF PARAESOPHAGEAL HERNIA AFTER SLEEVE GASTRECTOMY Laura Doyon, MD, Subhash Kini, MD, FRCS, Daniel Herron, MD, FACS; Mount Sinai Hospital, New York, NY

V077 LAPAROSCOPIC ESCHAR MYOTOMY FOR ESOPHAGEAL STRicture FOLLOWING A TIF (TRANSORAL INCISIONLESS FUNDOPPLICATION) MICROPERFORATION Ruchir Puri, MD, Steven P Bowers, MD; Mayo Clinic, Florida

V078 LAPAROSCOPIC PARTIAL SLEEVE DUODENECTOMY FOR GASTRINOMA Ruchir Puri, MD, John A Staluffer, MD, FACS, Horacio J Asburn, MD, FACS; Mayo Clinic, Florida

V079 CANCER OF THE BODY OF PANCREAS: TECHNIQUES FOR LAPAROSCOPIC DISTAL PANCREATECTOMY IN THE SETTING OF SEVERE INFLAMMATION Thomas Schnellroder; Lahey Hospital & Medical Center

V080 ROBOTIC-ASSISTED RE-DO GASTROJEJUNOSTOMY FOR A GIANT ULCER Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Ell, MDFACS; University of Illinois at Chicago

V081 ROBOTIC ADRENALECTOMY OF GIANT PHEOCHROMOCYTOMA Alexander Ramirez Valederrama, MD, Robert M Dickinson, Gerald J Wang, MD; New York Hospital Queens

V082 LAPAROSCOPIC REMOVAL OF A MASSIVE SPLEEN Alisa M Coker, MD, Joslin Cheverie, MD, Ryan C Broderick, MD, Cristina R Harnsberger, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; University of California San Diego

V083 LAPAROSCOPIC LEFT HEPATECTOMY FOR GIANT SYMPTOMATIC HEMANGIOMA C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, R Parthasarathi, MS, P Praveen Raj, MS, S Rajapandian, MS, FFRCS; GEM Hospital & Research Centre

V084 LAPAROSCOPIC RIGHT HEPATECTOMY FOR HEPATOMA IN A CHILD A CIRRHOTIC PATIENT C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, P Praveen Raj, MS, R Parthasarathi, MS, R Sathiyamurthy, MS, Kn Paramesh, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

V085 LAPAROSCOPIC RADICAL RIGHT HEMICOLECTOMY WITH COMPLETE MESOCOLIC EXCISION C Palanivelu, MS, MCh, FACS, S Rajapandian, MS, R Parthasarathi, MS, P Senthilnathan, MS, FACS, P Praveen Raj, MS, P S Rajan, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

V086 HIATAL HERNIA REPAIR USING AN INNOVATIVE CRURAL CLOSURE DEVICE: THE CRURALINK TM Bernard Dallemagne, MD, Silvana Perretta, MD, Jacques Maescaux, MD; IRCAD, Department of Digestive and Endocrine Surgery, University of Strasbourg, France

V087 LAPAROSCOPIC LIVING-RELATED ORTHOTOPIC GALLBLADDER TRANSPLANT K W Kercher, MD, K W Kercher, MD, J F Bradley, MD, B T Heniford, MD; Carolinas Medical Center

V088 MANAGEMENT OF CONCURRENT GASTRIC AND ESOPHAGEAL RUPTURE FOLLOWING BALLOON DILATATION FOR SLEEVE GASTRECTOMY STENOSIS Zhamak Khorgami, MD, FICS, Chi Zhang, MD, Bassan J Allan, MD, MBA, Nestor F De La Cruz-Munoz, MD, FACS, FASMBS; Division of Laparoendoscopic and Bariatric Surgery, The DeWitt Daughtry Family Department of Surgery, Miller School of Medicine-University of Miami

V089 LAPAROSCOPIC TREATMENT OF MEDIAL ARCULATE LIGAMENT SYNDROME Clayton C Petro, MD, Michael J Rosen, MD, Yuri W Novitsky, MD; University Hospitals Case Medical Center

V090 EXTRA-GISSLONIAN MASS LIGATION OF THE LEFT PORTAL PEDICLE DURING LAPAROSCOPIC LEFT HEPATECTOMY Cory Johnston, MD, Pippa Newell, MD, Chet Hammill, MD, Ronald Wolf, MD, Paul Hansen; Providence Portland Cancer Center, The Oregon Clinic, Foundation for Surgical Innovation and Education

V091 LAPAROSCOPIC SUBTOTAL PANCREATECTOMY: THE RIGHT EDGE OF THE DISTAL RESECTION F Marchesi, MD, PhD, F Tartamella, MD, S Cecchini, MD, F Tartamella, MD; IRCAD, Department of Digestive and Endocrine Surgery, University of Strasbourg, France

V092 WITHDRAWN

V093 LAPAROSCOPIC REPAIR OF BENDED GASTRIC BYPASS POUCH OBSTRUCTION Ray King, MD, PhD, Sean Lee, MD, Amy Biedenbach, MS, PAC, Brian Lane, MD, FACS; Medical College of Georgia, Georgia Regents University

V094 ROBOTIC MEDIASTINAL DISSECTION IN THE 3 FIELD RADIAL ESOPHAGECTOMY Mario Masrur, MD, Antonio Gangemi, MD, Kristin Patton, MD, Despoina Daskalaki, MD, Pier Giuliano, MD, FACS; University of Illinois at Chicago, Chicago, Illinois, USA
V095 ROBOTIC-ASSISTED RESECTION OF A RIGHT RENAL HILUM TUMOR Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Ellis, MD, FACS, Shin-E Wang; University of Illinois at Chicago

V096 THROUGH ONE HOLE TO FIX ANOTHER: TRANSGASTRIC VENTRAL HERNA REPAIR IN A PORCINE MODEL Rebecca Kowalski, MD, John Romanelli, MD, David Desilets, MD, David Earle, MD, Baystate Medical Center, Tufts University School of Medicine

V097 SPLINE PRESERVING LAPAROSCOPIC DISTAL PANCREATECTOMY Francesco Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Antonio Burza, MD, Pietro Delle Site, MD; Department of Surgery, Colorectal Surgical Unit. San Giovanni Addolorata Hospital - Rome

V098 TRANSMURAL MINIMALLY INVASIVE SURGERY (TAMIS) RESECTION OF EARLY RECTAL CANCER Francesco, Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Pietro Delle Site, MD, Ettore Santini, MD; Department of Surgery, Colorectal Surgical Unit. San Giovanni Addolorata Hospital - Rome

V099 LAPAROSCOPIC ASSISTED TRANS-ENTERIC ENDOCYTIC RETROGRADE CHOLANGIOGRAM VIA ROUX LIMB FOR PRIMARY HEPATOLITHIASIS Paige Quintero, MD, Siddharrth Kudav, MD, Hammoud Ghashan, MD, Roger de la Torre, MD; University of Missouri

V100 ROBOT-ASSISTED LAPAROSCOPIC TOTAL GASTRECTOMY Mario Masrur, MD, Kristin Patton, MD, Jean Pierre Martucci, MD, Raquel Gonzalez-Heredia, MD, Fernando E Ellis, MD, FACS; University of Illinois at Chicago, Chicago, Illinois, USA.

V101 TREATMENT OF GASTRIC TORSION AFTER SLEEVE GASTRECTOMY. Anthony M Gonzalez, MD, FACS, FASMBS, Christian Hernandez Mucia, MD, Pedro E Garcia Quintero, MD, Rey Romero, MD, Charan Donkor, MD, Jorge R Rabaza, MD, FACS, FASMBS; Baptist Health South Florida

V102 LAPAROSCOPIC REPAIR OF A HIATAL HERNIA FOLLOWING MINIMALLY INVASIVE ESOPHAGECTOMY Michael Pucci, MD, Mohamed Elgamal, MD, Kathleen Holoyda, MD, Francesco Palazzo, MD, FACS, Karen Chojnacki, MD, FACS, Ernest Rosato, MD, FACS; Thomas Jefferson University

V103 LAPAROSCOPIC FLANK HERNIA REPAIR Jonathan P Dean, MD, Bruce Ramshaw, MD, FACS; Halifax Health, Advanced Hernia Solutions

V104 TREATMENT OF ESOPHAGEAL PERFORATION AFTER HELPER MYOTOMY Martin A Berducci, MD, Jorge Nela, MD, Pablo A Gomez, MD, Arnoldo Castro, MD, Maria A Masrur, MD, Santiago Horgan, MD, Pablo E Omeilanczuk, MD; Hospital Italiano de Mendoza, Argentina

V105 ROBOTIC-ASSISTED CONVERSION FROM GASTRIC BAND TO ROUX-EN-Y GASTRIC BYPASS Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Ellis, MD, FACS; University of Illinois at Chicago

V106 CAN SINGLE ANASTOMOSIS POST PYLORIC BYPASS OR LOOP DUODENAL SWITCH BE THE BARIATRIC OPERATION OF THE FUTURE? Roslin Mitchell, MD, FACS, Andrew R Brownlee, MD, Yuriy Dudiy, MD; Lenox Hill Hospital

V107 LAPAROSCOPIC DISTAL GASTRECTOMY WITH BILLROTH I RECONSTRUCTION John H Rodriguez, MD, Kevin M El-Hayek, MD, Andrea Zelisko, MD, Matthew Kroh, MD; Cleveland Clinic Foundation

V108 HELPER MYOTOMY IN PATIENT WITH PRIOR ROUX-EN-Y GASTRIC BYPASS John-Paul Bellistri, MD, Aida Taye, MD, Mujiahid Abbas, MD, Diego Camacho, MD; Montefiore Medical Center

V109 ENDOSONIC TREATMENT OF ANASTOMOTIC LEAKAGE AFTER GASTRIC BYPASS SURGERY AND A LATER OCCURRING CARDIAL STRicture Maria Bergstrom, MD, PhD, Bo Erlandsson, MD, Per-Ola Park, Professor; Dept of Surgery, South Alvsborg Hospital, Boras, Sweden & Gothenburg University, Gothenburg, Sweden

V110 LAPAROSCOPIC-ROBOTIC IVOR-LEWIS ESOPHAGECTOMY WITH FLUORESCENCE IMAGING Amie Miller, MD, Jose Rodriguez, MD, Minia Hellan, MD; Wright State University

V111 LAPAROSCOPIC HEPATICOJEJUNOSTOMY AFTER STRASBERG E4 BILE DUCT INJURY. Adolfo Cuendis, MD, Carlos Morales, MD, Martin Rojano, MD; Hospital General Dr Manuel Gea González

V112 LAPAROSCOPIC MORGAGNI HERNIA REPAIR Adrian Park, MD, FACS, Courtney Doyle, MD, Anne Arundel Medical Center, Annapolis, Maryland

V113 TOTALLY LAPAROSCOPIC RIGHT HEPATIC LOBECTOMY Dilendra H Weerasinghe, MD, MRCSed, MRCs, Glasg. Bestoun Ahmed, MD, Ziad Awad, MD, FACS, FRCSI; Department of Surgery University of Florida College of Medicine Jacksonville

V114 LAPAROSCOPIC REPAIR OF A MISSED TRAUMATIC RIGHT DIAPHRAGMATIC HERNIA CONTAINING COLON AND LIVER B. Fernando Santos, MD, Thadeus L Trus, MD; Dartmouth-Hitchcock Medical Center, Department of Surgery, Lebanon, NH

V115 LAPAROSCOPIC REPAIR OF POST TRAUMATIC DIAPHRAGMATIC HERNIA John-Paul Bellistri, MD, Edward Kwon, MD, Ajay Chopra, MD; Jacobi Medical Center

V116 MINIMALLY INVASIVE MANAGEMENT OF MULTIPLE FAILED NISSEN FUNDOPLICATIONS IN THE OBESE PATIENT Jeffrey Mino, MD, MPH, Mihir Shah, MD, Rosebel Montero, MD, Kevin El-Hayek, MD; Cleveland Clinic Foundation

V117 TRANSMURAL MINIMALLY INVASIVE SURGERY (TAMIS) FOR FULL-THICKNESS EXCISION OF AN UPPER RECTAL NEOPLASM, REQUIRING LAPAROSCOPIC ASSISTANCE FOR SUTURE CLOSURE OF A PERITONEAL VIOLATION. Beatriz Martin-Perez, MD, Francisco Quinteros, MD, Henry Schoonyoung, MD, Lawna Hunter, BA, George Nassif, DO, Matthew Albert, MD, FACS, FASCRS, Sam Atallah, MD, FACS, FASCRS; Florida Hospital

V118 SINGLE PORT SLEEVE GASTRECTOMY. STEP BY STEP. A SINGLE GROUP EXPERIENCE Jeronimo Montemurriob, MD, Miguel A Zapata, MD, Julio C Gallardo, MD, Luis A Zavala, MD, Marco A Juarez, MD, Ulises Caballero, MD, Christian Cusin, MD, Enrique Cedillo, MD, Eduardo Ahumada, MD, Aurora Linares, RN; CHRISTUS MIGUERZA - UDUM

V119 LAPAROSCOPIC DUODENO-JEJUNOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME Kartik Gohil, MD, Maria Altieri, MD, Gerald Gracia, MD, Dana Telem, MD, Aurora Pryor, MD; Stony Brook University Medical Center/State University of New York

V120 SMALL BOWEL OBSTRUCTION SECONDARY TO GASTRIC BAND EROSION AND MIGRATION TO JEJUNUM Matt Strickland, MD, BASc, Dan Abramowitz, MD, John Hagen, MD, David Starr, MD; University of Toronto

V121 LAPAROSCOPIC RESECTION OF A DUODENAL MASS Clayton Petro, MD, Yuri W Novitsky, MD; University Hospitals Case Medical Center

V122 LAPAROSCOPIC REPAIR OF LATER OCCURRING CARDIAL STRicture (>2 YEARS) AFTER TRANSHIATAL ESOPHAGECTOMY Oscar M Crespin, M D, Brant K Oelschlager, M D, Carlos A Pellegrini, M D; University of Washington Medical Center
V123 LAPAROSCOPIC RETRO-CAVAL TUMOR EXCISION
Angela Osmolak, MD, Piyush Aggarwal, MD, Kufsoon Laeeq, MD, Robert Fitzgibbons, MD, Tommy Lee, MD, Sumeet Mittal, MD, Kalyana Nandipati, MD; Creighton University Medical Center

V124 LAPAROSCOPIC RESECTION OF EPİPHİRENC DIVERTICULUM
Kartik Gohil, MD, Maria Alitieri, MD, Gerald Gracia, MD, Dana Telem, MD, Aurora Pryor, MD; Stony Brook University Medical Center/State University of New York

V125 LAPAROSCOPIC WHIPPLE PROCEDURE
Dilendra H Weerasinghe, MD, Bestoun Ahmed, MD, Ziad Awad, MD, FACS, FRCSI; University of Florida-Department of Surgery

V126 LAPAROSCOPIC RESECTION OF EPİPHİRENC DIVERTICULUM
Michael J Pucci, MD, Mohamed Elgamal, MD, Megan Lundgren, BS, Ernest L Rosato, MD, Francesco Palazzo, MD, Karen A Chojnacki, MD; Thomas Jefferson University

V127 LAPAROSCOPIC PLACEMENT OF GASTRIC ELECTRİCAL STİMULATÖR FOR GASTROPAŘESİS
Billy Y Lan, MD, Matthew Kroh, MD, Bipan Chand, MD, Kevin El-Hayek, MD; Loyola School of Medicine; Cleveland Clinic Foundation

V128 LAPAROSCOPİC ESOPHAGEAL SALVAGİE FOR PERFORATİONS AFTER SURGICAL AND ENDOSCOPIQR TREATMENT OF ACHALASIAS -- A CASE SERIES
Victor T Wilcox, MD, Albert Y Huang, MD, Patrick R Reardon, MD, FACS, Brian J Dunkin, MD, FACS; The Methodist Institute for Technology, Innovation and Education (MITIE)

V129 CYSTOJEJUNOSTOMY-AN IDEAL TREATMENT FOR PANCREATIC PSEUDOCYST LOCATED DISTANT TO THE STOMACH
C Palanivelu, MS, MCh, FACS, P Sethilnathan, MS, R Parthasarathi, MS, P Praveen Raj, MS, V P Nalankilli, MS, S Sumonth, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

V130 DUODENO-JEJUNOSTOMY FOR ANNULAR PANCREAS
C Palanivelu, MS, MCh, FACS, P Sethilnathan, MS, R Parthasarathi, MS, P Praveen Raj, MS, S Bansal, MD, V P Nalankilli, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

V131 LAPAROSCOPIC REPAIR OF FORAMEN OF WINSLOW HERNIA
George DeNoto, MD, Shabana Perveen, MD, Shelish Garg, MD; Northshore-LIJI Hofstra University Health system.

V132 ENDOSCOPİC TREATMENT OF WEIGHT REGAIN AFTER ROUX-EN-Y GASTRIC BYPASS (RYGB): USE OF ARGON PLASMA COAGULATION (APC) IN THE GASTRO-JEJUNAL ANASTOMOSIS
Jh Felicio De LIma, PhD, Prof; Gap Baretta, PhD, Jm Campos, PHD, M Galvao Neto, MD; ENDOBATEL - Advanced Digestive Endoscopic Center - Hospital Vita Batel in Curitiba - Brazil
SAGES 2014 Exhibitors

3-D Med ................................................................. 502
Aesculap, Inc ............................................................. 612
Apollo Endosurgery, Inc ............................................. 418
Applied Medical ......................................................... 713
Aslans Medical Instruments Ltd .................................. 1013
Austen BioInnovation Institute in Akron ..................... 526
Automated Medical Products Corp ............................. 703
Bariatric Times .......................................................... 507
Baxter Healthcare ...................................................... 903
BevMD ................................................................. 906
BG Medical ............................................................... 1004
Boston Scientific ....................................................... 702
Cadence Pharmaceuticals, Inc ..................................... 1104
Calmoseptine, Inc ...................................................... 802
CareFusion ............................................................... 316
Cine-Med ................................................................. 804
Cleveland Clinic Multidisciplinary Simulation ............... 904
ConMed ................................................................. 813
Cook Medical ............................................................ 803
CooperSurgical .......................................................... 915
Covidien ................................................................. 819
Crospon ................................................................. 307
Davol Inc., a Bard Company ....................................... 705
Domain Surgical ....................................................... 1131
Edwards Lifesciences Corp ........................................ 1103
Elsevier ................................................................. 907
Encision, Inc ............................................................. 425
EndoChoice ............................................................. 1012
EndoEvolution .......................................................... 402
Endogastric Solutions ............................................... 313
EnteroMedics, Inc ..................................................... 905
ERBE USA ............................................................... 413
Ethicon ................................................................. 419
General Surgery News ............................................... 913
Given Imaging .......................................................... 426
Gore & Associates ..................................................... 613
HRA Healthcare Research & Analytics ....................... 1003
Intuitive Surgical ....................................................... 731
inx Medical .............................................................. 314
Karl Storz Endoscopy-Latin America ......................... 529
Karl Storz Endoscopy-America, Inc ........................... 625
Kyoto Kagaku Co., Ltd .............................................. 505
Lexion Medical ........................................................ 504
LifeCell ................................................................. 807
MAQUET Cardiovascular USA ................................... 805
MedAffinity Corp ...................................................... 428
Mederi Therapeutics Inc .......................................... 1119
Medigus Ltd ............................................................. 1113
Medstreaming, LLC ................................................ 1007
Medtronic ............................................................... 1132
Metabolic & Bariatric Surgery Accreditation .............................. 1112
Quality Improvement Program (MBSAQIP) ........................
Microline Surgical, Inc .............................................. 619
Mimic Technologies, Inc .......................................... 1032
Minimally Invasive Devices, Inc .................................. 1030
Ministry Health Care .................................................. 1114
Nashville Surgical Instruments ................................... 604
neoSurgical, Inc ....................................................... 527
New Wave Surgical .................................................. 725
Novadaq Technologies .............................................. 633
NovoTract Surgical, Inc ............................................ 1129
NPS Pharmaceuticals ............................................... 427
Olive Medical Corp ................................................... 628
Olympus America Inc ............................................... 201
Redfield Corp ............................................................ 407
RG Medical ............................................................. 513
Richard Wolf Medical Instruments Corp ....................... 706
RTI Surgical, Inc ....................................................... 1107
Sandhill Scientific ..................................................... 912
Simbionix USA Corp ............................................... 415
Slate Endoscopy ....................................................... 515
Springer ................................................................. 602
Stryker Endoscopy ..................................................... 1019
Surgical Innovations ................................................... 1031
Surgical Science, Inc .................................................. 503
SurgiQuest Inc .......................................................... 1126
Sutter Health-Sacramento Sierra Region ..................... 403
Suture Ease, LLC ..................................................... 404
Teleflex ................................................................. 603
Torax Medical .......................................................... 719
Tuebingen Scientific Medical GmbH ............................ 512
Walters Kluwer Health .............................................. 914
Xodus Medical, Inc .................................................... 626
Zmed, Inc ............................................................... 1015

SAGES 2014

SPOTLIGHT ON HERNIA

BG Medical ............................................................. 1335
Cook Medical .......................................................... 1332
CooperSurgical ........................................................ 1330
Covidien ................................................................. 1329
Davol Inc., A Bard Company ..................................... 1333
Ethicon ................................................................. 1328
Gore & Associates ..................................................... 1331
Ethicon is a proud supporter of SAGES 2014

Visit us at **booth #419**
during Surgical Spring Week

Better surgery for a better world

©2014 Ethicon, Inc. All rights reserved.