Surgical Spring Week

SAGES 2014

Scientific Session & Postgraduate Courses

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

Held in conjunction with
Military Surgical Symposium

FINAL PROGRAM

April 2 - 5, 2014  Salt Lake City, UT

www.sages.org  sages2014.org

@SAGESUpdates  www.facebook.com/SAGESSurgery

Society of American Gastrointestinal and Endoscopic Surgeons

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

3  General Information – Registration, Exhibit Hours, Speaker Prep & Shuttle Hours
4  News for SAGES
5  Area Map with Hotels Info and Unique Features for 2014
6-7  Schedule at a Glance
  8  Community Service Initiatives
  10  Policy on Conflict of Interest
  11  Commercial Bias Reporting Form
  12  SAGES Accreditation
12-13  CME Reporting & Worksheet
13  SAGES Learning Themes & Guidelines
14  SAGES Meeting Leaders

17 WEDNESDAY, APRIL 2, 2014
  18  Full-Day Postgraduate Course: SAGES/CAGS/ERAS Society – Enhanced Recovery After Surgery Pathways
  20  Half-Day Postgraduate Course: SAGES/ASMBS – Endoscopic Management of Bariatric Complications
  21  Symposium: Career Development
  22  Panel: SAGES/SSAT – Optimizing Results of Fundoplication
  23  SAGES Foundation Awards Luncheon
  32  Panel: Getting Your Video Accepted
  33  Panel: Oral Endoscopic Myotomy (POEM)
  34  Panel: Reoperative Pelvic Surgery, Benign and Malignant – What is the Big Deal?
  35  Panel: FUSE, Fire and Fiasco – OR Safety 101
  36  Panel: Product Development – Innovations for Patients Benefits
  37  Panel: Updates in Benign CRS
  37  Exhibits Opening Welcome Reception

39 THURSDAY, APRIL 3, 2014
  40  2014 SAGES Webcast
  41  Military Surgical Symposium
  43  Half-Day Postgraduate Course: Common Bile Duct (CBD) Stones
  44  Half-Day Postgraduate Course: Ventral Hernia Repair – Technical Considerations and Strategies for Success
  45  Panel: Hepato-Pancreato-Biliary
  46  Symposium: NOSCAR™ Symposium – Advances in Natural Orifice Surgery
  47  Keynote: Karl Storz Lecture – David Williams, MD
  48  Educator’s Luncheon “Optimizing Simulation and Technology in Graduate Surgical Education: State of the Art 2014”
  50  Concurrent Session SS1 MIS/Solid Organ
  51  Half-Day Postgraduate Video-based Course: Ventral Hernia Repair – Technical Considerations in Challenging Scenarios
  53  Half-Day Hands-On Course: CBD Stones
  55  Didactic and Hands-On Course: Flex Endo – Train the Trainers
  56  Symposium: Ethics of Innovation
  57  Panel: SAGES/KSELS – Gastric Cancer
  58  Concurrent Session SS2 Video 1
  58  Panel: Current Management of Rectal Cancer
  59  Industry Education Evening Events
  59  Applied Medical
  60  Davol
  59  Intuitive
  59  Olympus

61 FRIDAY, APRIL 4, 2014
  63  Military Surgical Symposium
  65  Concurrent Session SS3 Video 2

65  Concurrent Session SS4 NOTES/Transanal
66  Concurrent Session SS5 Quick Shots 1
68  Panel: SAGES/SES – Endoscopic Submucosal Dissection (ESD): When will we catch up with our Japanese colleagues?
69  SS6 Plenary Session 1
69  Keynote: Presidential Address – Gerald M. Fried, MD
71  Keynote: Gerald Marks Lecture – Prof. Amitai Ziv, MD
71  “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety & Quality Care”
71  Concurrent Session SS7 Education/Simulation
73  Concurrent Session SS8 Outcomes
73  Concurrent Session SS9 Metabolic/Obesity 1
74  Concurrent Session SS10 Basic Science
75  Fellowship Council Luncheon “Strategies for Overcoming the Financial Challenges Facing the Fellowship Council”
75  SAGES Medical Student Travel Award Winners
76  Half-Day Postgraduate Course: Humanitarian
77  The Great Presidential Debates of 2014
78  Panel: Emerging Frontiers in Simulation-Based Surgical Education
79  Panel: SAGES/ALACE – Evolution and Clinical Applications of Minimal Access Surgery in Latin America
80  Panel: MIS Jeopardy
81  Session: Emerging Technology
82  Panel: MIS for Acute Care Surgeons
83  Panel: SAGES/EAES – Benign Foregut: Opinions and Evidence in the Management of Benign Esophageal Disorders
84  Resident/Fellow Scientific Session

86 SATURDAY, APRIL 5, 2014
  88  Concurrent Session SS11 Hernia
  89  Concurrent Session SS12 Robotics/Ergonomics
  90  Concurrent Session SS13 HPB
  91  Panel: Bariatric Complications for the non-Bariatric Surgeon
  92  Panel: Why Haven’t Conversion Rates Improved?
  92  SS14 Plenary Session 2
  93  SAGES Annual General Membership Business Meeting – All SAGES Members Encouraged to Attend!
  93  Concurrent Session SS15 Colorectal
  94  Concurrent Session SS16 Flexible Endoscopy
  95  Concurrent Session SS17 Foregut
  96  Concurrent Session SS18 Metabolic/Obesity 2
  97  Concurrent Session SS19 Quick Shots 2
  99  SAGES Mini-Medical School Boot Camp for High School Students

101  2014 Learning Center
103  Membership – Join SAGES
106  Social Programs
106  Welcome Reception
106  Barbara Marks Commemorative Breakfast
106  Meet the Leadership Reception for Residents, Fellows & New Members
106  SAGES Gala & International Singoff
107  Invited Faculty
112  Faculty and Presenter Disclosures
124  Posters of Distinction
125  Poster Listings
146  Emerging Technology Poster Listings
150  Video Channel
154  Exhibit Floor Plan
155  Exhibitor Listing
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
SAGES Mission Statement
The mission of the society is to improve the quality of patient care through education, research, innovation and leadership, principally in gastrointestinal and endoscopic surgery.

SAGES Registration Hours
- Tuesday, April 1, 2014 12:00 PM - 5:00 PM
- Wednesday, April 2, 2014 6:30 AM - 6:30 PM
- Thursday, April 3, 2014 6:30 AM - 5:30 PM
- Friday, April 4, 2014 6:30 AM - 5:30 PM
- Saturday, April 5, 2014 7:00 AM - 2:00 PM

Exhibits Hours - Dates/Times & Refreshment Breaks
- Wednesday, April 2:
  - Welcome Reception in Exhibit Hall 5:30 pm - 7:30 pm
- Thursday, April 3:
  - Brunch Break 9:30 am - 10:00 am
  - Happy (Half) Hour Break 3:00 pm - 3:30 pm
- Friday, April 4:
  - Happy (Half) Hour Break 3:15 pm - 3:45 pm
- Saturday, April 5:
  - Free Lunch for ALL Attendees 11:45 am - 12:30 pm

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

Speaker Prep Room Hours
Room 150 A
- Tuesday, April 1 8:00 am - 5:00 pm
- Wednesday, April 2 - Friday, April 4 5:30 am - 5:30 pm
- Saturday, April 5 6:00 am - 2:00 pm

Getting Around SLC/ Shuttle Info:
- TRAX/Light Rail – Downtown Salt Lake has free fare zone TRAX train available between the Grand America Hotel (SAGES Headquarters) and the Convention Center.
- SAGES Shuttle – will operate between the Grand America and the Convention Center starting at 6am every morning and will depart every 5-10 minutes during morning peak time and 15-20 minutes during off peak.
- SAGES Shuttle to the Meet the Leadership and Gala at the Depot – will operate from the Grand America, Hilton (with stop at Hotel Monaco), Marriott City Center and the Convention Center starting at:
  - 5:30pm for the Meet the Leadership
  - 6:30pm for the Gala
  - Last departure from the Depot back to the hotels will be at 11:30pm

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!
* 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.

Patient Safety

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

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

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

Location: Grand American Hotel (Headquarters Hotel)

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

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

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!
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>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>

### 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>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>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>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>

### 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**

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

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

**Habitat for Humanity**

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

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

**Mini-Med School Boot Camp**

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

**SAGES Recognition of Excellence Award**

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

www.sages.org/sagespages
Strattice™ Reconstructive Tissue Matrix
Laparoscopic

The biologic matrix you know and trust 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

Because Outcomes Matter
SAGES Policy on Conflict of Interest

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SAGES Continuing Education Committee:

Chair: Simon Bergman, MD
Sajida Ahad, MD
Limaris Barrios, MD
Steven P. Bowers, MD
David C. Brooks, MD
Jo Buyske, MD
Rose S.M. Chan, MD
Yong U. Choi, MD
Gregory F. Dakin, MD
Nicole M. Fearing, MD
Lauren J. Fischer, MD
Antonello Forgione, MD, PhD, MBA
Teodor Grantcharov, MD, PhD
Alan E. Harzman, MD
Sachin Suresh Kukreja, MD
Marina Kurian, MD
Michael J. Lee, MD
David A. McLusky, MD
Elisabeth C. McLemore, MD
Amy Neville, MD
John T. Paige, MD
Vanessa N. Polter, MD
Richard M. Peterson, MD
Daniel J. Scott, MD
Nizay M. Selim, MD, PhD
Don J. Selzer, MD
Steven C. Stain, MD
Kent R. Van Sickle, MD
Ashley Vernon, MD
Eelco B. Wassenaar, MD, PhD
Andrew S. Wu, MD
Suzanne M. Yoder, MD

SAGES Conflict of Interest Task Force:

Chair: Patricia Sylla, MD
Terrence M. Fallum, MD
Jeffrey M. Marks, MD
Yoav Mintz, MD
Sharona B. Ross, MD
Phillip P. Shadduck, MD
Paresh C. Shah, MD
Kiran Kalyan Turaga, MD
Richard M. Vazquez, MD
SAGES 2014 Meeting Commercial Bias Reporting Form

You are encouraged to …

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

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

Commercial Bias

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

Presentation:  
(eg session name, etc)

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

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

Commercial Bias about:
(check all that apply)

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

Please return this form to SAGES Meeting Registration or fax to (310) 437-0585.
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/
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/

1. **Step 1: Attend the SAGES Meeting**

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

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

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

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

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

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

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](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. Poulase, 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. Philips, MD

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

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

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

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

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

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

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

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

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

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

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 Puyor, MD
Archna 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 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 Buyskes, 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
Leena Khaitan, MD
Eli Lerner, MD
Jeffrey Marks, MD
Brent Matthews, MD
John Mellinger, MD
Kenric Murayama, MD
Dmitry Oleynikov, MD
Aurora Pryor, MD
Raul Rosenthal, MD
Bruce Schirmer, MD *
Christopher Schlachta, MD
Steven Schwartzberg, MD *
C. Daniel Smith, MD *
Nathaniel Soper, MD *
Mark Talamin, MD *
Thadeus Trus, MD
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: Suvaru De, Sc.D.

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

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

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

MIS for Acute Care Surgeons Panel:
Chair: 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-Chair: Dmitry Oleynikov, MD

Resident/Fellow Scientific Session:
Chair: Vanessa N. Palter, MD
Co-Chair: Linda P. Zhang, MD

Career Development Symposium:
Chair: Aurora Dawn Pryor, MD
Co-Chair: Karen D. Horvath, MD

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

NOSCAR™ Symposium – Advances in Natural Orifice Surgery
Chair: Daniel J. Scott, MD
Co-Chairs: Michael L. Kochman, 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
Talmadge A. Bowden, MD 1988 - 1989
Lee E. Smith, MD 1989 - 1990
Jeffrey Ponsky, MD 1990 - 1992
Frederick L. Greene, MD 1992 - 1993
George Berci, MD 1993 - 1994
Bruce V. MacFadyen, Jr., MD 1994 - 1995
Col. Richard M. Satava, MD 1995 - 1996
Greg Steigm ann, 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 Traverso, MD 2001 - 2002
Bruce D. Schirmer, MD 2002 - 2003
Lee Swanstrom, MD 2003 - 2004
David Ratner, MD 2004 - 2005
Daniel Deziel, 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 Schwatzberg, 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

info@vtimedical.com
781.209.1044

VTi Medical is a Joint-Venture Partner of SAGES & ACS FLS Program
(Fundamentals of Laparoscopic Surgery™)
<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>
</tbody>
</table>

The Science of ERP Part I: Building Blocks For Your Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<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>
</tbody>
</table>

The Science of ERP Part II: Building Blocks For Your Program

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<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 Okrainec, 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, MD</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:

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:35AM</td>
<td>Questions/Discussion</td>
</tr>
<tr>
<td>11:45AM</td>
<td>Lunch Break</td>
</tr>
</tbody>
</table>

### ERP: It's Not Just for Colorectal Surgery Anymore!

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Moderator</th>
</tr>
</thead>
<tbody>
<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: Esophagectomy, Gastrectomy</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>
</tbody>
</table>

### ERP implementation: tips for success from around the world

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Moderator</th>
</tr>
</thead>
<tbody>
<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

---

www.sages2014.org | Twitter: @SAGES_Updates  | 19  | Surgical Spring Week | SAGES 2014
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 for 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>

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

LEARNING THEMES
B  Bariatrics
FE Flex Endo

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

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

SAGES Scientific Session & Postgraduate Course
March 22 - 25, 2017, Houston TX
Wednesday, April 2, 2014

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

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

<table>
<thead>
<tr>
<th>FOR</th>
<th>New technologies/Skill acquisition</th>
</tr>
</thead>
<tbody>
<tr>
<td>NS</td>
<td>Foregut</td>
</tr>
<tr>
<td>PE</td>
<td>Professional/Economic</td>
</tr>
</tbody>
</table>

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.
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: Maastrichts University Medical Center
Abstract Title: Factors leading to a higher conversion rate after Laparoscopic Rectal Cancer Surgery and its impact on Morbidity and Mortality
Country: The Netherlands

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

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

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

Name: Marta M Tasende Presdeo, MD
Institution: University of Barcelona
Abstract Title: Manos Proctocolectomy and Ileal Pouch Anal Anastomosis for Ulcerative Colitis
Country: Barcelona, Spain
SAGES IRCAD Fellowship Award

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: Choledocholithiasis Management in America: Do Rural Surgeons Need Different Skills than Urban Surgeons?
Supported by SAGES Education & Research Foundation

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

Recipient: Per-Ola Park, MD
Institution: South 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
Supported by Covidien

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
Wednesday, April 2, 2014

SAGES Researcher in Training Award
Presented by: David Urbach, MD, Research Committee Chair

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

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

SAGES Young Researcher Award
Presented by: David Urbach, MD, Research Committee Chair with Representative from Olympus

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

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

SAGES gratefully acknowledges support from Olympus.
SAGES Foundation - Margrét Oddsdóttir Award
Presented by: John Hunter, MD, SAGES Past President & SAGES Foundation Board Member

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

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

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

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

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

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

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

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

SAGES Foundation – Jeffrey L. Ponsky Master Educator in Endoscopy Award
Presented by: Bruce Schirmer, MD, SAGES Foundation President

Recipient: Gary Vitale, MD
Dr. Vitale is Professor of Surgery at the University of Louisville and Norton Hospital. After obtaining his B.A. at Harvard University in 1975, Dr. Vitale completed his medical studies at Yale University in 1979. He did his internship and residency at the University of Louisville including a 2-year fellowship in GI/biliary-pancreas surgery in Scotland at the University of Dundee and a 1-year fellowship in Interventional ERCP in Paris, France. He started on the University of Louisville faculty in 1986. He is the Director of the fellowship in 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).
Arnold P. Gold Foundation –
SAGES Award for Clinical Excellence and Humanism in Medicine
Presented by: Richard Levin, MD, President & CEO of The Arnold P. Gold Foundation

Recipient: Brant Oelschlager, MD

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

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

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

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

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

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

Recipient: Geoffrey Kohn, MD

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

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

SAGES Pioneer in Surgical Endoscopy Award
Presented by: David Rattner, MD, Awards Committee Chair

Recipient: David Utley, MD

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

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

Dr. Utley graduated from Harvard Medical School and completed his surgical training in otolaryngology-head and neck surgery as well as facial plastic and reconstructive surgery at Stanford University Medical Center, where he was subsequently appointed to the faculty as clinical assistant professor of surgery. He has 25+ peer-reviewed publications related to GI, plastic and reconstructive surgery, and otolaryngology. Dr. Utley has had a role as founder, chief medical officer, or member of the board of directors of 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
Presented by: Gerald Fried, MD, SAGES President

Recipient: Steven Wexner, MD
This award is designated for an endoscopic surgeon who is a member of SAGES and is granted for a significant, long-term educational, research, clinical and/or technological contribution to the field of surgical endoscopy as well as to SAGES.
Dr. Wexner was President of SAGES 2006-2007, President of the American Society of Colon and Rectal Surgeons 2011-2012, President of the American Board of Colon and Rectal Surgery 2010-2012, and is a Regent of the American College of Surgeons. He has been a major advocate for surgical endoscopy and has greatly advanced the application of MIS techniques in colorectal surgery. He is an outstanding clinician, a master educator and a clinician scientist. As president of SAGES he led an excellent strategic planning retreat in Florida that has directed SAGES and our committee work by focusing on our organizational objectives. His leadership in negotiating with Springer has brought exceptional financial benefit to SAGES. Dr. Wexner has been a leading figure in GI surgery and a wonderful ambassador for SAGES around the world.
Dr. Wexner is the Director of the Digestive Disease Center and has been on Staff at Cleveland Clinic Florida since 1988. He has been the Chairman of the Department of Colorectal Surgery since 1993. He holds academic appointments as Affiliate Professor at Florida Atlantic University; Clinical Professor at Florida International University; Affiliate Professor of Surgery at the University of South Florida, Tampa, Florida; Professor of Surgery at the Ohio State University; Affiliate Professor of Surgery at the University of Miami Miller School of Medicine; Professor of Surgery, University of Siena, Siena, Italy; Visiting Professor, Faculty of Medicine, The Hebrew University of Jerusalem, Hadassah Medical Organization, Jerusalem, Israel; and Visiting Professor at the University of Belgrade in Serbia. In 1999, he was awarded an FRCS from the Royal College of Surgeons in Edinburgh, Scotland and in 2000 he was awarded an FRCS ad 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 acceptable standard of care for patients with rectal carcinoma. The same is true with his innovations for fecal incontinence and research of laparoscopy for colon and rectal cancer.

SAGES George Berci Lifetime Achievement Award
Presented by: Gerald Fried, MD, SAGES President

Recipient: Tehemton Udwadia, MD
This award is the highest honor SAGES bestows to an endoscopic surgeon for a lifetime contribution as an innovator in the field of endoscopic surgery, which may be scientific, technological or educational. The award is not given every year, but bestowed when the Board determines a worthy nominee.
Dr. Udwadia retired as Emeritus Professor of Surgery Grant Medical College & J.J. Hospital in Mumbai, India in 1994. He first started Laparoscopy in India in 1972 and MAS in the Developing World in 1990. Convinced that the benefits of MAS reach all people in all places has conducted training workshops all over India and other developing countries like Nepal, Bangladesh, Myanmar, China, Mexico, Brazil and Nigeria. He transitioned to therapeutic laparoscopy with laparoscopic cholecystectomy in 1992 and was the pioneer in this procedure in India. His ability to share his expertise is worth noting, he thought all the “teachers” in India this technique. Dr. Udwadia is the co-founder and first president of the Indian Association of Gastrointestinal Endo-Surgeons (IAGES). He was a former president of IFSES, continuing his role as mentor and teacher to surgeons around the world, but especially for third world countries.
Dr. Udwadia has been conferred many honorary memberships in national and international societies (at least 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 Edinburg. Even though now retired, he continues to maintain a strong presence in our sphere (very George Berci like). He devoted his life to the teaching of laparoscopic surgery to others, and has followed the Berci tradition to its utmost.
Wednesday, April 2, 2014

1:30 PM - 5:30 PM

**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 postgraduate 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

SESSIOIN 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, 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>SAGES TV – 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
Wednesday, April 2, 2014

1:30 PM - 3:30 PM

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

Per Oral Endoscopic Myotomy (POEM) Panel

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
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

SESSION OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<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>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 Swanstrom, 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

**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

Scan the QR code or visit us at www.gelpointpath.com/TAMIS to learn more or register for a TAMIS workshop

©2014 Applied Medical Resources Corporation. All rights reserved. Applied Medical, the Applied Medical logo design and marks designated with a ® are trademarks of Applied Medical Resources Corporation, registered in one or more of the following countries: Australia, Canada, Japan, the United States and/or the European Union. 1604000614
### 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/KSEL’s 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>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 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><strong>Hepato-Pancreato-Biliary Panel</strong></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><strong>Karl Storz Lecture – “From Checklists to Culture What Spacewalking Brings to Surgery”</strong></td>
<td>Dafydd (Dave) Rhys Williams, MD</td>
</tr>
<tr>
<td>1:00PM - 3:00PM</td>
<td><strong>SAGES/KSELS Panel: Gastric Cancer</strong></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><strong>Current Management of Rectal Cancer Panel</strong></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><strong>SAGES/JSES Panel: Endoscopic Submucosal Dissection (ESD) – When Will We Catch Up with our Japanese colleagues?</strong></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><strong>Plenary Session 1</strong></td>
<td>L. Michael Brunt, MD/Mario Marino, MD</td>
</tr>
<tr>
<td>10:00AM - 10:45AM</td>
<td><strong>Presidential Address – “Connecting in the Digital Age”</strong></td>
<td>Gerald Fried, MD</td>
</tr>
<tr>
<td>10:45AM - 11:30AM</td>
<td><strong>Gerald Marks Lecture – “Simulation-Based Education as a Cultural Change Vehicle in Patient Safety &amp; Quality Care”</strong></td>
<td>Amitai Ziv, MD</td>
</tr>
<tr>
<td>11:30AM - 12:30PM</td>
<td><strong>Scientific Session – Metabolic/Obesity 1</strong></td>
<td>Leena Khaitan, MD/Raul Rosenthal, MD</td>
</tr>
<tr>
<td>1:30PM - 3:15PM</td>
<td><strong>SAGES/ALACE Panel: Evolution and Clinical Applications of Minimal Access Surgery in Latin America</strong></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><strong>SAGES/EAES Panel: Benign Foregut- Opinions and Evidence in the Management of Benign Esophageal Disorders</strong></td>
<td>Chair: Marco G. Potti, 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
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 Parries, 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 Kavolius 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 Solgar, 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; Mia Debarros, MD; Matthew Eckert, MD; Matthew Martin, MD, Madigan Army Medical Center
Thursday, April 3, 2014

0850 GLUCOSE VARIABILITY AFTER SUBCUTANEOUS LISPRO AND REGULAR INSULIN FOR STRESS HYPERGLYCEMIA. COL Richard J. Strika; Lt Col Scott B. Armen; Matthew Indeck, Department of Trauma and Acute Care Surgery, Pennsylvania State Hershey Medical Center, Hershey, PA

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

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

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

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

GENERAL SURGERY PRESENTATIONS:

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

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

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

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

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

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

1430 INCIDENCE OF MALIGNANCY IN ENDOSCOPICALLY UNRESECTABLE POLYPS REFERRED FOR SURGERY AT WRNMMC. LT Brendan S. O’Brien, Department of General Surgery, General Surgery, General Surgery, WRNMMC; COL Jeffrey M. Nelson, Department of Colon and Rectal Surgery, WRNMMC; LCDR James E. Duncan, Department of Colon and Rectal Surgery, WRNMMC; CPT 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, University of Washington 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, TAML; 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 Jaliloh; Demetria Skiada; Peep Talving; and Heidi Frankel. Department of Acute Care Surgery & Surgical Critical Care, Los Angeles County + University of Southern California, Department of Surgery, Keck School of Medicine, University of Southern California, Los Angeles, California

1600 INTEGRATION OF SURGICAL RESIDENCY TRAINING INTO U.S. NAVY HUMANITARIAN MISSIONS. LCDR Matthew D. 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, 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

*SPOTLIGHT ON HERNIA* Activity

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

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

**ACTIVITY OUTLINE**

<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>

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

**LEARNING THEMES**
- **HR** Hernia
- **NS** New technologies/Skill acquisition
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 in 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>7:30AM</td>
<td>Minimally Invasive Surgery the Basics and the Advanced: How I Do It - PANCREAS</td>
<td></td>
</tr>
<tr>
<td>7:30AM</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>7:45AM</td>
<td>Q&amp;A Panel Discussion</td>
<td>R. Matthew Walsh, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Barry Saltky, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Horacio Asbun, MD</td>
</tr>
<tr>
<td>8:00AM</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>Paul Hansen, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Horacio Asbun, MD</td>
</tr>
<tr>
<td>8:15AM</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>8:30AM</td>
<td>Uncinate Process Dissection During Laparoscopic Pancreatectoduodenectomy</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>8:45AM</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>9:00AM</td>
<td>Laparoscopic Pancreas: How to Get Out of Trouble?</td>
<td>Rohan Jeyarajah, MD</td>
</tr>
<tr>
<td>9:15AM</td>
<td>Q&amp;A Panel Discussion</td>
<td>Craig P. Fischer, MD</td>
</tr>
<tr>
<td>9:30AM</td>
<td>Break – Exhibit Hall, Posters, Learning Center</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:45AM</td>
<td>Minimally Invasive Surgery the Basics and the Advanced: How I Do It - LIVER</td>
<td></td>
</tr>
<tr>
<td>9:45AM</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>10:00AM</td>
<td>Liver Parenchymal Transection: Cirrhotic and Non-Cirrhotic</td>
<td>Pascal Fuchsberger, 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>10:15AM</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>10:30AM</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 Pekolj, MD</td>
</tr>
<tr>
<td>10:45AM</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 Chole 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>9:00AM</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

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

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

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

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

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

SESSION OUTLINE

<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>
<tr>
<td>12:40PM</td>
<td>Panel Discussion</td>
<td>Moderators: John Mellinger, MD, Brent Matthews, MD</td>
</tr>
</tbody>
</table>

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
IMAGE 1®: spies™
Your Link to Perfection

Innovative Visualization Options for Surgical Interventions and Diagnosis in Endoscopy

KARL STORZ—ENDOSKOPES
THE DIAMOND STANDARD

www.karlstorz.com
**Concurrent Session SS1 MIS/Solid Organ**

**Modestors:** 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 Hepatobiliarypancreatic 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 Gnanasegaram, Fayezy Quereshy, MD, MBA, FRCSC, Timothy D Jackson, MD, MPH, FRCSC, Allan Okrainec, MDCM, MHPE, FACS, FRCSC; Division of General Surgery, University Health Network, University of Toronto

**S005 NOVEL TECHNIQUE FOR INTRAOPERATIVE IDENTIFICATION OF URETERS USING SODIUM FLUORESCIN**

Fernando Dip, MD, Mario Nahmod, MD, Pedro Ferraina, MD, Raul Rosenthal, MD, Steven Wexner, MD; Training Center and Experimental Surgery Jose de San Martin Clinical Hospital, Buenos Aires, Argentina; Department of Colorectal Surgery, Department of Minimal Invasive, Metabolic and Bariatric Surgery, Cleveland Clinic Florida US

**S006 SAGES RESEARCH AGENDA IN GASTROINTESTINAL AND ENDOSCOPIC SURGERY: UPDATED RESULTS OF A DELPHI STUDY**

Dimitrios Stefanidis, MD, PhD, Paul Montero, MD, David R Urbach, MD, MPH, Aurora Pryor, MD; Carolinas Healthcare System, University of Colorado, University of Toronto, Stony Brook University

**S007 AN ANALYSIS OF FACTORS AFFECTING THE SURGICAL APPROACH AND TIMING OF BILATERAL ADRENALECTOMY**

Billy Y Lan, Eren Taskin, MD, Erol Aksoy, MD, Onur Birsun, MD, Jaime Mitchell, MD, Allan Siperstein, Eren Berber, MD; Cleveland Clinic Foundation

**S008 META-ANALYSIS OF SAFETY AND EFFICACY OF LAPAROSCOPIC RESECTION FOR GASTRIC STROMAL TUMORS**

Yuchen Zhou, MS, Ke Chen, MS, Yiping Mou, MD, FACS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

**S009 THE DIAGNOSTIC YIELD OF LAPAROSCOPIC LYMPH NODE BIOPSY IS SUPERIOR TO THE PERCUANTEOUS TECHNIQUE IN CASES OF SUSPECTED LYMPHOMA.**

Shaun C Daly, MD, Matthew Klariment, 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, Launa 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 MEDIUM ARCAUATE LIGAMENT RELEASE**

Tatiana Hoyos, MD, John Stauffer, MD, Albert Hakaim, MD, Horacio Asbun, MD; Mayo Clinic, Florida

**V005 SPLEEN PRESERVING LAPAROSCOPIC RESECTION OF SPLENIC ARTERY ANEURYSM**

Francesco Stipa, MD, PhD, FACS, Emanuele Sorcielli, 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 Pernaizza, MD, Annibale D’Annibale, MD; San Giovanni-Addolorata Hospital, Rome
Thursday, April 3, 2014
1:00 PM - 5:00 PM

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

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

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

**ACTIVITY OUTLINE**

<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>Breth 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 Retrorectus Ventral Incisional Hernia Repair and Transversus Abdominus Release</td>
<td>Melissa Phillips, MD</td>
</tr>
<tr>
<td>1:37PM</td>
<td>Ramirez Anterior Component Separation Release: Perforator and Nonperforator Sparing</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: Sugarbaker 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>

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

**LEARNING THEMES**
- **HR** Hernia
- **NS** New technologies/Skill acquisition
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.
Thursday, April 3, 2014

**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>
<tr>
<td>1:15PM - 5:00PM</td>
<td>Hands-On Stations (2 hours on Station 1 and 25 minutes each on Stations 2-5):</td>
<td>Nathaniel Soper, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Joseph Petelin, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Alex Nagle, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Fernando Santos, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Khashayar Vaziri, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Edward Phillips, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Daniel Jones, MD</td>
</tr>
<tr>
<td></td>
<td>Station 1: Laparoscopic Common Bile Duct Simulators</td>
<td>George Berci, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Maurice Arregui, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ezra Teitelbaum, MD</td>
</tr>
<tr>
<td></td>
<td>Station 2: Cholangiography Interpretation Station</td>
<td>Richard Vazquez, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Morris Franklin Jr, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Donald Wenner, MD</td>
</tr>
<tr>
<td></td>
<td>Station 3: Open Common Bile Duct Station</td>
<td>Daniel Scott, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Jonathan Pearl, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Michael Ujiki, MD</td>
</tr>
<tr>
<td></td>
<td>Station 4: Cannulation/T-tube Insertion/Laparoscopic Suturing Station</td>
<td>Benjamin Poulose, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Keith Gersin, MD</td>
</tr>
</tbody>
</table>

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

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

**LEARNING THEMES**

- **NS**: New technologies/Skill acquisition
- **HPB**: HPB/Solid organ
Surgical Spring Week
SAGES 2015

April 15-18, 2015 Nashville, TN
Program Chair: Aurora Pryor, MD
Program Co-Chair: Michael Holzman, MD

www.sages.org
@SAGES_Updates    www.facebook.com/SAGESSurgery
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>1:00PM</td>
<td>Why Surgeons Need to do Endoscopy</td>
<td>Robert J. Bowles, MD</td>
</tr>
<tr>
<td>1:15PM</td>
<td>What the American Board of Surgery Expects from a Residency Training Program</td>
<td>Bruce Schirmer, MD</td>
</tr>
<tr>
<td></td>
<td>with Respect to Flexible Endoscopy</td>
<td></td>
</tr>
<tr>
<td>1:35PM</td>
<td>The Fundamentals of Flexible Endoscopy</td>
<td>Thadeus Trus, MD</td>
</tr>
<tr>
<td>1:55PM</td>
<td>Training Models: What’s out There?</td>
<td>E. Matthew Ritter, MD</td>
</tr>
<tr>
<td>2:25PM</td>
<td>Measuring Proficiency and Progress</td>
<td>Melina Vassiliou, MD</td>
</tr>
<tr>
<td>2:45PM</td>
<td>How do I Incorporate This Into my Residency Training Program</td>
<td>Michael Awad, MD</td>
</tr>
<tr>
<td>3:05PM</td>
<td>Break/Move to Hands-On Lab</td>
<td></td>
</tr>
<tr>
<td>3:20PM</td>
<td>Hands-On (20 minutes each)</td>
<td>Lab Coordinator: Diego Camacho, MD</td>
</tr>
<tr>
<td></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 Honigisberg, 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>1:00PM</td>
<td>Introductory Comments</td>
<td>Phillip Shadduck, MD</td>
</tr>
<tr>
<td>1:05PM</td>
<td>Innovation in Surgery - Responsibilities &amp; Ethical Considerations</td>
<td>Lee Swanstrom, MD</td>
</tr>
<tr>
<td>1:25PM</td>
<td>The US FDA &amp; Surgical Innovation - Tradeoffs &amp; Change</td>
<td>Steven Strasberg, MD</td>
</tr>
<tr>
<td>1:45PM</td>
<td>Introducing Emerging Technologies - Timing &amp; Process</td>
<td>Jeffrey Ponsky, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Training &amp; Credentialing Surgeons in New Technologies</td>
<td>Timothy Farrell, MD</td>
</tr>
<tr>
<td>2:20PM</td>
<td>The &quot;Informed Consent&quot; Process</td>
<td>Lelan Sillin, MD</td>
</tr>
<tr>
<td>2:40PM</td>
<td>Semantics and Patient Perceptions of Emerging Technology</td>
<td>David Urbach, MD</td>
</tr>
<tr>
<td>2:55PM</td>
<td>Tracking Outcomes of New Technologies</td>
<td>Anne Lidor, MD</td>
</tr>
<tr>
<td>3:10PM</td>
<td>Balancing Surgeon Responsibilities to Individuals &amp; Society</td>
<td>Alberto Ferreras, MD, PhD</td>
</tr>
<tr>
<td>3:30PM</td>
<td>Paying for New Technologies - Insurance Company Perspective</td>
<td>Richard Dal Col, MD</td>
</tr>
<tr>
<td>3:45PM</td>
<td>Paying for New Technologies - National Healthcare Perspective</td>
<td>Joel Brill, MD</td>
</tr>
<tr>
<td>4:05PM</td>
<td>Evolving Responsibility for SAGES - TAVAC</td>
<td>Dmitry Oleynikov, MD</td>
</tr>
<tr>
<td>4:15PM</td>
<td>Evolving Responsibility for SAGES - New Technology Guideline</td>
<td>Robert Fanelli, MD</td>
</tr>
<tr>
<td>4:25PM</td>
<td>Q&amp;A</td>
<td>Panel</td>
</tr>
<tr>
<td>4:35PM</td>
<td>Concluding Comments</td>
<td>Gerald Fried, MD</td>
</tr>
</tbody>
</table>

LEARNING THEMES

| NS         | New technologies/Skill acquisition                          |
| 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.
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. KLASS* Group, Multi-institutional Study 1</td>
<td>Hyung-Ho Kim, MD, PhD</td>
</tr>
<tr>
<td>1:20PM</td>
<td>Laparoscopic Gastrectomy for Advanced Gastric Cancer. KLASS* Group, Multi-institutional Study 2</td>
<td>Sang-Uk Han, MD, PhD</td>
</tr>
<tr>
<td>1:40PM</td>
<td>Endolumenal and Laparoscopic Management of Gastric Neoplasms</td>
<td>Emmanuel Lo Menzo, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Role of Screening, Surveillance and Adjuvant Therapies of Gastric Neoplasms</td>
<td>Jose Martinez, MD</td>
</tr>
<tr>
<td>2:20PM</td>
<td>Screening on Gastric Cancer in Korea</td>
<td>Young-Woo Kim, MD</td>
</tr>
<tr>
<td>2:35PM</td>
<td>Endoscopic Approaches to Early Gastric Neoplasm</td>
<td>Sergey Kantsevoy, MD</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

THE 2014 MEETING APP

Enhanced Features Include:

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

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

Happy (Half) Hour Break in Exhibit Hall

3:30PM - 5:00PM  *Included in Registration SuperPass (Option A) or Registration Option B

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, Miloslawa Stem, MS, Anne O Lidor, MD, MPH; Johns Hopkins Medicine

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

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

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

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

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

3:30 PM - 5:00PM  *Included in Registration SuperPass (Option A) or Registration Option B

Current Management of Rectal Cancer Panel  
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 Ramamoorthy, 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

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

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
### 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</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 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>LTC Christy Choi, MD</td>
</tr>
<tr>
<td>1:30PM</td>
<td>Surgical Subspecialties Session</td>
<td>MAJ Duane Duke, MD</td>
</tr>
<tr>
<td></td>
<td>Podium Presentations</td>
<td></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 Schwartzberg, 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 Langen, MD; MAJ Matthew J Eckert, MD; COL Matthew J Martin, MD. Department of Surgery, Madigan Army Medical Center, Joint Base Lewis-McChord
0809  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 EXTREMITIES TRAUMA. CPT Jennifer M. Sabino; LT Donald J. Lucas; Dr. Raja Mohan; Dr. Devinder P. Singh; LCDR Patrick Basille; 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 EXTREMITIES AMPUTATION. LCDR Matthew D. Tadlock; Kenji Inaba; Dimitra Skiaa; Kuo-Chen Chuong; Obi Okoye; LCDR Daniel J. Grabo; Elizabeth Benjamin; Demetrios Demetriades. Department of Acute Care Surgery & Surgical Critical Care, Los Angeles County + University of Southern California; Navy Trauma Training Center, Los Angeles, California

0845  5 MM TROCAR 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. Nira K. Long, MD; 59MDW/ST-SAMMC; Capt Thomas A. Heafner, MD; 59MDW/ST-SAMMC; CPT Clayton J. Lewis, MD; 59MDW/ST-SAMMC; Maj Ian Stewart, MD; 59MDW/ST-SAMMC; Capt R. Spencer Nelson, MD; Maj Brandon W. Propper, MD; 59MDW/ST-SAMMC; James D. Ross, PhD; 59MDW/S; Executed at 59MDW/CRD

0915  QUANTITATIVE IN VITRO MODEL FOR THE STUDY OF BACTERIAL ATTACHMENT ON VASCULAR CONDUITS. CPT Jonathan J. Sexton, MD; Anthony D. Foster, PhD Stockmaster; LTC Dwight C. Kellicut. Department of Surgery, Tripler Army Medical Center, Honolulu HI

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

1130  THE ADRENAL RESPONSE TO INJURY IN MAURITAN CYNOMOLGUS MACAQUES: A COMPARISON BETWEEN ISOLATED HEMORRHAGE AND POLYTRAUMA MODELS. CPT Vincente S. Nelson, MD; Chioma Algbe, 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. Ragaia, PhD; Joy Sarkar, MD; Catherine F T Uyehara, PhD; Anthony J. Senagore, MD. Department of Clinical Investigation, Tripler Army Medical Center, Honolulu, HI; Central Michigan University, College of Medicine, Mount Pleasant, MI

SURGICAL SUBSPECIALTIES PRESENTATIONS:

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

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

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

1415  THORACIC EPIDURAL WITH THE NUS PROCEDURE. DO PATIENTS REALLY NEED IT? A SINGLE INSTITUTION’S EXPERIENCE. CPT Jagar 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 & RECURRENCE 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; ITC Brett Owens, MD, United States Military Academy, West Point, NY; ITC Steve Svoboda, MD, United States Military Academy, West Point, NY; Karen Y. Peck, MEd, ATC, United States Military Academy, West Point, NY; Ken Cameron, PhD, United States Military Academy, West Point, NY. CDR John Biery, MD, United States Naval Academy, Annapolis, MD; MAJ Jeffrey Giuliani, MD, Walter Reed National Military Medical Center, Bethesda, MD; CDR John-Paul Rue, MD, United States Naval Academy, Annapolis, MD
1500 UTILITY OF INDOCYANINE GREEN FLUORESCENCE LYMPHOGRAPHY FOR SOURCE IDENTIFICATION IN GROIN Lymphorrhea: A Case Series. LC0R 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 Military Medical Center

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

Concurrent Session SS3 Video 2

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 Bitesman, MD, MS; Todd Ponksy, MD; FACS, Amelia Dorsey, MD; Akron Children’s Hospital

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

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

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

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

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

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

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

V021 LAPAROSCOPIC TOTAL GASTRECTOMY WITH D2 LYMPHADENEXSTOMY BY TRANSANAL ENDOSCOPIC MICROSURGERY (TEM) IN AN OBESE PATIENT WITH INTRACORPOREAL ANASTOMOSIS. Leonardo Ferraz, MD, Thiago Boechat, MD, Marcio Ballieiro, MD, Baltazar Fernandes, MD, Jose Ribamar S Azevedo, MD, PhD, FACS; Bonissuoco Federal Hospital / Rio de Janeiro - Brazil

Concurrent Session SS4 NOTES/Transanal

Moderators: Michael Marohn, MD & Michael McGee, MD

S010 TRICKS TO DECREASE THE SUTURE LINE DEHISCENCE RATE DURING ENDOLUMINAL LOCOREGIONAL RESECTION (ELRR) BY TRANSANAL ENDOSCOPIC MICROSURGERY (TEM). Emanuele Lezoche, MD, FACS, Silvia Quaresima, MD, Andrea Bala, MD, Giancarla D'Amбросio, MD, Alessandro M Paganini, MD, 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; Zannador Del Real Romo, MD, Guillermo Peralta, MD, Denisse L Sepulveda, MD, David Martinez, MD; Texas Endosurgery Institute

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

S022 ENDOSCOPIC RESCUE OF DISLODGED TRANS-ABDOMINAL DECOMPRESSIVE ESOPHAGOSTOMY TUBE. Ryan M Juza, MD, Tung T Tran, MD; Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

S023 ENDOSCOPIC PER-ORAL Pyloromyotomy (POP). Eran Shimovitz, 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-INCISION PEDIATRIC ENDSURGERY (SIPEs) SPLENECTOMY: WHAT DictATES THE NEED FOR ADDITIONAL PORTS? Aaron D Seims, MD, Robert T Russell, MD, Elizabeth A Beierle, MD, Mike K Chen, MD, Scott A Anderson, MD, Colin A Martin, MD, Carroll M Harmon; Children’s of Alabama

5014 IMPACT OF PREVIOUS MIDLINE LAPAROTOMY ON THE OUTCOMES OF LAPAROSCOPIC INTESTINAL RESECTIONS: A CASE-MATCHED STUDY Erman Ayvaci, 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 Ghiulescu, MD, A S Liberman, MD, Patrick Charlebois, MD, Carol-Ann Vasilevsky, MD, Nancy Morin, MD, Franco Carli, MD, Iane S Feldman, MD; McGill University Health Centre; Sir Mortimer B. Davis Jewish General Hospital

5016 LIQUID-INJECTION FOR PREPERITONEAL DISSECTION OF TRANSABDOMINAL PREPERITONEAL(TAPP) INGUINAL HERNIA REPAIR Tomoko Mizuta, MD, Norihito Tokemoto, MD, PhD, Saseem Foulde, MD, Yusuke Watanabe, MD, Yo Kurashima, MD, PhD, Yuki 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 DOCKING TECHNIQUE FOR SPLenic FLEXURE MOBILIZATION Se Jin Baek, Chang Woo Kim, Min Soo Cho, Hyun A Jang, Hyuk Hur, Seung Hyuk Baik, Nam Kyu Kim, Byung Soo Min, Sung Uk Bae; Yonsei University College of Medicine

5018 COST ANALYSIS COMPARING INTRAOPERATIVE FLUORESCENT CHOLANGIOGRAPHY WITH FLUOROSCOPIC CHOLANGIOGRAPH Fernando Dip, MD, Domenech Asbin, MS, Armando Rosales-Velderrain, MD, Emanuele Lo Menzo, MD, PhD, Conrad H Simpfindorfer, 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 DIAGNOSING GASTROESOPHAGEAL REFLUX IN PATIENTS WITH MIXED TYPICAL AND ATYPICAL SYMPTOMS Michelle A Han, MD, Michael J Lada, MD, Dylan R Nieman, MD, PhD, Andreas Tschoner, MD, Christian G Peyre, MD, Carolyn E Jones, MD, Thomas J Watson, MD, Jeffrey H Peters, MD; University of Rochester, Department of Surgery

5020 PROFICIENCY TRAINING ON A VIRTUAL REALITY ROBOTIC SURGICAL SKILLS CURRICULUM Justin D Briq, 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 BARRET’S ESOPHAGUS Ellen H Morrow, MD, Daniel Bushyhead, BA, Elcoo 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, PA, PhD, Sooyeon Park, Park; Colorectal Cancer Center, Kyungpook National University Medical Center, School of Medicine, Kyungpook National University

5023 THE BUSINESS ENGINEERING SURGICAL TECHNOLOGIES (BEST) TEACHING METHOD: INCUBATING TALENTS FOR SURGICAL INNOVATION Vivian De Ruiter, Peter Halvax, MD, Bernard Dallagnenne, MD, Lee Swanstrom, MD, Jacques Marescaux, MD, Silvanha 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; Tampa, Florida

5025 SURGICAL OUTCOMES AFTER INSERTION OF GASTRIC NEUROSTIMULATOR FOR REFRACTORY GASTROPARESIS-A SINGLE INSTITUTION’S EXPERIENCE Ilhab 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, Juciselle S Barros, Yukie C Konishi, Ingrid L V. Rodrigues, Frederico W C. Silva, MD, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

5027 THE UTILIZATION OF LAPAROSCOPY IN VENTRAL HERNIA REPAIR: AN UPDATE OF OUTCOMES ANALYSIS USING ACS-NSQIP DATA Chetan Aher, MD, Shaun Dolly, MD, Daniel J Dziez, 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 BARRET’S ESOPHAGUS – RESULTS FROM A RETROSPECTIVE COHORT OF 2563 PATIENTS Craig S Brown, Chi Wang, PhD, Jay L Goldstein, MD, John G Linn, 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
Friday, April 4, 2014

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

- **C** Colorectal
- **FE** Flex Endo
- **FOR** Foregut
- **NS** New technologies/Skill acquisition
SS6 Plenary Session 1

Moderators: L. Michael Brunt, MD & Mario Marojo, MD

**S032 A SYSTEMATIC REVIEW OF SYNTHETIC AND BIOLOGIC MATERIALS FOR ABDOMINAL WALL REINFORCEMENT IN CONTAMINATED FIELDS**

Lawrence Lee, MD, MSc; Juan Mata, MD; Tara Landry, MD, LILIS; Kosar A Khwaja, MD, MBA; Melina CVassiliou, MD; MED; Gerald M Fried, MD; Diane S Feldman, MD; McGill University Health Centre

**S033 SYMPTOMATIC AND PHYSIOLOGIC OUTCOMES AT ONE-YEAR AFTER PERORAL ESOPHAGEAL MYOTOMY (POEM)**

Ezra N Teitelbaum, MD; Nathaniel J Soper, MD; Byron F Santos, MD; Fahd O Arafat, MD; John E Pandolfino, MD; Peter J Kahrilas, MD, Ikuo Hirano, MD; Eric S Hungness, MD; Northwestern University Feinberg School of Medicine

**S034 DOES SIMULATION IMPROVE LEARNING OF THE FUNDAMENTAL USE OF SURGICAL ENERGY™ (FUSE) CURRICULUM? A RANDOMIZED-CONTROLLED TRIAL IN SURGICAL TRAINEES**

A Madani, MD, Y Watanabe, MD, McVassiliou, MD, P Fuchshuber, MD, Db Jones, MD, Schwelltizer, 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

**S035 FACTORS LEADING TO A HIGHER CONVERSION RATE AFTER LAPAROSCOPIC RECTAL CANCER SURGERY AND ITS IMPACT ON MORBIDITY AND MORTALITY**

Ngham van der Pas, MD; Gsa Abis, MD; Es de Lange, PhD, Ma Cuesta, PhD; Hj Bonier, PhD; Color Il Studygroup; Department of Surgery, Maastricht university Medical Center, the Netherlands and Department of Surgery, VU University Medical Center Amsterdam, The Netherlands

**S036 COMPARISON OF LONG-TERM MORTALITY (>8 YEARS) OF 7,862 BARIATRIC PATIENTS TO THE GENERAL POPULATION IN NEW YORK STATE**

Dana A Telem, MD; Maria Altieri, MD; Jie Yang, PhD; Giao 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 Office of Health Department 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.

9:30AM - 4:00PM  
*Included in Registration SuperPass (Option A) or Registration Option C

Exhibits, Poster Session, and Learning Center Open

**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
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.

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 Splenectomy
10: Laparoscopic Adrenalectomy
11: Laparoscopic Paraesophageal Hernia Repair
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 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 Distal Pancreatectomy
- Laparoscopic Right Hemicolectomy
- Laparoscopic Inguinal Hernia Repair
- Laparoscopic Incisional Hernia Repair
- Laparoscopic Adrenalectomy

Coming Soon!
- Laparoscopic Adrenalectomy
- Laparoscopic Cholecystectomy
- Laparoscopic Sleeve Gastrectomy
- 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.

Order Today! Call 800.515.1542 or 203.263.0006 or Visit Our Website at: www.Cine-Med.com
Friday, April 4, 2014

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 Pedictrician 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

Concurrent Session SS7 Education/Simulation

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

S037 HYPNOSIS INDUCED MENTAL TRAINING IMPROVES PERFORMANCE ON THE FUNDAMENTALS OF LAPAROSCOPIC SURGERY SIMULATOR
Gideon Sroka, MD, MSc, Monica Laniado, MD, Zahi Arnon, PhD, Elad Schief, MD, Ibrahim Matter, MD; Department of General Surgery,1 Complementary & Alternative Medicine Services2 Bnai-Zion Medical Center, Haifa, Israel

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

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

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

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

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

S043 CONSTRUCT VALIDITY AND POSSIBLE EDUCATIONAL ROLE FOR MOTION ANALYSIS IN A LAPAROSCOPIC SURGICAL SIMULATOR
Maeva O’Neill Trudel, 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

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

Diamond: Covidien

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

*Included in Registration SuperPass (Option A) or Registration Option C
Discover Where Innovation Can Take You

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

**ENDOYEYE FLEX 3D**

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

For more information, visit our Booth #201, call 800-848-9024 to speak to your local representative or visit us at medical.olympusamerica.com
**Concurrent Session SS9 Outcomes**

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

**S044 COMPARISON OF CLINICAL OUTCOMES OF LAPAROSCOPIC CHOLECYSTECTOMY DONE WITH SURGICAL ENERGY VERSUS DONE WITHOUT SURGICAL ENERGY: A PROSPECTIVE RANDOMIZED CONTROLLED STUDY**  
Beti 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 BARIATRIC SURGERY: WE CAN PREDICT, BUT CAN WE PREVENT?**  
Anne O Lidor, MD, MPH, Miloslawa Stem, MS, Erin Moran-Akin, MD, Thomas H Magnuson, MD, Kimberly E Steele, MD, Hien Nguyen, MD, Michael A Schweitzer, MD; Department of Surgery, Johns Hopkins University School of Medicine

**S046 IMPROVED SURVIVAL FOLLOWING MINIMALLY INVASIVE OESOPHAGECTOMY COMPARED TO OPEN SURGERY**  
Oliver C Burdall, James Fullick, Alexander P Boddy, Jane Blazeby, Richard Krysztapik, Christopher Streets, Andrew Hollowood, Christopher P Barham, Daniel R Titcomb; Bristol Royal Infirmary

**S047 MEDICAL TOURISM AND OBESITY SURGERY: WHO PAYS?**  
Caroline E Sheppard, BSc, Erica Lester, BSc, MD, David Kim, BSc, Daniel W Birch, MSc, MD, FRCSC, Shahzeer Karmali, MD, FRCSC, FACP, Christopher J de Gara, MB, MS, FRCSC, Ed, Eng, C, FACS; University of Alberta, Centre for the Advancement of Minimally Invasive Surgery

**S048 COMPARISON OF OPEN VERSUS MINIMALLY INVASIVE ESOPHAGECTOMY FROM THE UHC DATABASE**  
Anton Simorov, MD, Tiffany N Tanner, MD, Rudy P Lackner, MD, Karin P Trujillo, MD, Dmitry Oleynikov, MD, FACS, Mark A Carlson, MD, FACS; Department of Surgery, University of Nebraska Medical Center, Omaha NE

**S049 THROMBOEMBOLIC EVENTS IN BARIATRIC SURGERY: THE CLEVELAND CLINIC EXPERIENCE**  
Mohammad H Jamal, MD, MEd, FRCSC, Hideharu Shimizu, MD, Stacy Brethauer, MD, FACS, Mathew Kroh, MD, FACS, Biban Chand, MD, FACS, Philip Schauer, MD, FACS; CLEVELAND CLINIC

**S050 A COMPREHENSIVE PROCESS FOR DISCLOSING AND MANAGING CONFLICTS OF INTEREST REDUCED PERCEIVED BIAS AT THE SAGES ANNUAL MEETING**  
Steven C Stain, MD, Erin Schwarz, 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 Castrillion, MD, Tina Hunter, PhD, L. Michael Brunt, MD; Harvard Medical School, UT Southwestern School of Medicine, S2 Statistical Solutions, Washington University School of Medicine

**Concurrent Session SS9 Metabolic/Obesity 1**

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

**S052 A PROSPECTIVE RANDOMIZED CONTROLLED TRIAL ASSESSING THE EFFICACY OF OMENTOPEXY DURING LAPAROSCOPIC SLEEVE GASTRECTOMY IN REDUCING POSTOPERATIVE GASTROINTESTINAL SYMPTOMS**  
Cheguveva Afaneh, MD, Ricardo Costa, BS, Alfons Pomp, MD, Gregory Dakin, MD; New York-Presbyterian Hospital/Weill Cornell Medical Center

**S053 MORBIDITY AND MORTALITY IN BARIATRIC SURGERY USING AGE AND BMI STRATIFICATION- A NSQIP DATA STUDY**  
Aliu Sanni, MD, Sebastian Perez, MPH, Rachel Medbery, MD, Hernan Urrego, MD, Craig McCready, MD, Juan Toro, MD, Ankit Patel, MD, Arvin Singh, MD, Jahnavi Srinivasan, MD, Barbara Pettit, MD, Edward Lin, DO, John Sweeney, MD, Scott Davis, MD; Department of General & GI Surgery, Emory University Hospital

**S054 SIX MONTH OUTCOMES IN PATIENTS EXPERIENCING WEIGHT GAIN AFTER GASTRIC BYPASS WHO UNDERWENT GASTROJEJUNAL REVISION USING AN ENDOLUMINAL SUTURING DEVICE**  
M Gitelis, M Ujiki, L Farwell, J Linn, K Miller, C Burnett, J Carbray, S Haggerty, W Denham; NorthShore University HealthSystem

**S055 HOSPITAL ADMISSIONS GREATER THAN 30 DAYS FOLLOWING BARIATRIC SURGERY: PATIENT AND PROCEDURE MATTER**  
Dana A Telem, MD, Wendy L Patterson, MPH, Brittany D Peoples, MS, Maria Alieteri, 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 HELICOBACTER PYLORI IS NOT ASSOCIATED WITH LATE ANASTOMOTIC COMPLICATIONS IN GASTRIC BYPASS PATIENTS**  
John J Kelly, MD, Richard A Perugini, MD, Lisa Q Wang, MD, Thomas Tomczyk, MD, Julie Flahive, MS; University of Massachusetts Medical Center

**S057 PREOPERATIVE UPPER ENDOSCOPY SHOULD BE STANDARD OF CARE FOR PATIENTS UNDERGOING BARIATRIC SURGERY**  
Kshitij Kakar, MD, Vikas Singh, 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, FRCES; 1) IRCAD/IHU, Digestive and Endocrine Surgery, University of Strasbourg 2) Anaesthesiology, University of Strasbourg 3) Physiology 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 Zardi, 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**
P/E 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 and how to become involved. It will also be practical and informative for those with a developed passion for and experience with surgery in low resource settings.

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

ACTIVITY OUTLINE

<table>
<thead>
<tr>
<th>Time</th>
<th>Presentation Title</th>
<th>Faculty Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30PM</td>
<td>Framing the Need</td>
<td>Raymond Price, MD</td>
</tr>
<tr>
<td>1:40PM</td>
<td>Educational</td>
<td>Adrian Park, MD</td>
</tr>
<tr>
<td>1:50PM</td>
<td>System Development in Law Resource Setting – A South American Success Story</td>
<td>Claudia Lorenzetti, MD</td>
</tr>
<tr>
<td>2:00PM</td>
<td>Academic Partnership</td>
<td>Sam Finlayson, MD</td>
</tr>
<tr>
<td>2:10PM</td>
<td>Characteristics of Successful Projects</td>
<td>Horacio Asbun, MD</td>
</tr>
<tr>
<td>2:20PM</td>
<td>Disaster vs Non Disaster Setting &amp; Preparation</td>
<td>CDR Gordon Wisbach, MD</td>
</tr>
<tr>
<td>2:30PM</td>
<td>Understanding Local Laws, Customs &amp; Import Customs</td>
<td>Fiemu Nwariaku, MD</td>
</tr>
<tr>
<td>2:40PM</td>
<td>Ensuring Contextual Relevance &amp; Appropriateness</td>
<td>Catherine deVries, MD</td>
</tr>
<tr>
<td>2:50PM</td>
<td>Discussion: Q&amp;A</td>
<td>Faculty Panel</td>
</tr>
<tr>
<td>3:15PM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>3:40PM</td>
<td>Developing Checklists (Personnel, Visas, Vaccinations, Equipment, etc.)</td>
<td>John Tarpley, MD</td>
</tr>
<tr>
<td>3:50PM</td>
<td>Working Toward Sustainability...The End Goal</td>
<td>Ramon Berguer, MD</td>
</tr>
<tr>
<td>4:00PM</td>
<td>The View From the Local Champion - Africa</td>
<td>Mabula Mchekhwa, MD</td>
</tr>
<tr>
<td>4:15PM</td>
<td>The View From the Local Champion - Asia</td>
<td>Sergelen Orgo, MD</td>
</tr>
<tr>
<td>4:30PM</td>
<td>Tropical Medicine (ID) for Surgeons</td>
<td>Bruce Steffes, MD</td>
</tr>
<tr>
<td>4:45PM</td>
<td>Anesthesia in Low Resource Environments</td>
<td>Kelly McQueen, MD</td>
</tr>
<tr>
<td>5:00PM</td>
<td>Discussion: Getting started...How Do I Get Connected? Q &amp; A</td>
<td>Faculty Panel</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 Seth 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><strong>Pro</strong></td>
<td>W. Scott Melvin, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Con</strong></td>
<td>David Rattner, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Rebuttal</strong></td>
<td>David Rattner, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Rebuttal</strong></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><strong>Pro</strong></td>
<td>Lee Swanstrom, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Con</strong></td>
<td>Nathaniel Soper, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Rebuttal</strong></td>
<td>Nathaniel Soper, MD</td>
</tr>
<tr>
<td></td>
<td><strong>Rebuttal</strong></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: Suvranu De, Sc.D.

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

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

ACTIVITY OUTLINE

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

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

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

Contestants - All-Star Panel:

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

3:15PM - 3:45PM
Happy (Half) Hour Break in Exhibit Hall

EXHIBIT HALL A-C
Friday, April 4, 2014

Emerging Technology Session
SAGES does not offer CME for this session

Session Chair: Matthew M. Hutter, MD; Session Co-Chair: Dmitry Olyenikov, 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 Reflux Disease
Johannes Zachaerl, Bonavina Luigi, Amol Babaye, Ralf Kesslich, Sebastian Schoppmann, William Kessler, Don Selzer, Michael S Epstein, MD, Glen Lehman, Santiago Horgan, MD; University of California San Diego

ET002 Augmented Reality Telementoring Tool to Assess and Guide Chief to Intern Intraoperative Education: The Google Glass Experience
Daniel A Hashimoto, MD, MS, Roy Phitayakorn, MD, MHPE, Carlos Fernandez-del Castillo, MD, Ozanan Meireles, MD; Massachusetts General Hospital

ET003 Hybrid Approach to Minimally Invasive Surgery (MIS): Universal Hand Tool Adapter for Robotically Controlled Laparoscopic Surgery
J.Optermann, MD, B Azizi Kouteneoei, MS, A Shademan, PhD, S Leonard, PhD, A Krieger, PhD, P Fockens, NV D Bouvy, MD, PhD; Maastricht University Medical Center, Academic Medical Center Amsterdam

ET004 First Human Results of a Novel Endoscopic Gastroplication Device in the Treatment of Obesity
G F Paulus, MD, T Verlaan, MD, E M Mathus-Vliegen, MD, PhD, E A Veldhuyzen, J M Conchillo, MD, PhD, P Fockens, N D Bouvy, MD, PhD; Maastricht University Medical Center, Academic Medical Center Amsterdam

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

ET006 Transoral Treatment of Achalasia: Combining Submucosal Myotomy with Transoral Fundoplication
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 Gastroplasty Device for the Treatment of Morbid Obesity
Bryan J Sandler, MD, Roberto Rumbaut, MD, C. Daniel Smith, MD, Gustavo Torres, MD, Luis Morales, MD, Lizelly Gonzalez, MD, Monica Garza, MD, Ryan C Broderick, MD, Cristina R Harnsberger, MD, Hans 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 - Preclinical Experience of Using the Fastouch™
David Earle, MD, FACS, Brian Jacob, MD, Karl LeBlanc, MD; Baystate Medical Center

ET010 Endoscopic Gastroplication Using an Articulating Endoscopic Circular (ACE) Stapler: Technique and Preliminary Results.
Laurent Biertho, MD, Stefane Lebel, MD, Frédéric Hould, MD, Simon Marceau, MD, Santiago Horgan, MD, Pablo Omelanczuk, MD, R Onguay, MD, M Sanchez, MD, N Pampillon, MD, C Penutto, MD, V Lasagni, MD, S Omelanczuk, MD, A Grigaites, MD, R Buchhoeveden, 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 Ca Granda Hospital, Milan, Italy, and M€ander 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 Machyka, MD, Bruce Schrimer, MD, Daniel Jones, MD, George Blackburn, MD, PhD, Kathryn Stecco, MD; Allurion Technologies; University of Ostrava; University of Virginia; Beth Israel Deaconess Medical Center, Harvard Medical School

ET013 Enabling Tumor Immune Cell Infiltration Through Application of a Novel Surgical Device
Declan M Soden, MD, Michael O’Riordan, MD, FRCSI, FRCSI, Patrick Forde, PhD, Michael Bourke, MD, FRCSI; Mercy University Hospital

*Included in Registration SuperPass (Option A) or Registration Option C
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 Fundaplication</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>3:45PM</td>
<td>Introduction</td>
<td>Tung Tran, MD</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Linda Zhang, MD</td>
</tr>
<tr>
<td>3:50PM</td>
<td>Resident/Fellow Presentations</td>
<td></td>
</tr>
<tr>
<td>5:30PM</td>
<td>Adjourned</td>
<td></td>
</tr>
</tbody>
</table>

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

S156 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

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

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

S159 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

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

S161 LATERAL APPROACH IN LAPAROSCOPIC DISTAL 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, FRCSC, Shiva Jayaraman, MD, MESC, FRCSC; Sunnybrook Health Sciences Center – The Odette Cancer Center, Toronto, Ontario; St.Joseph’s Health Center, Toronto, Ontario; Division of General Surgery, University of Toronto, Toronto, Ontario

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

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

S164 DEVELOPING ADVANCED LAPAROSCOPIC SURGERY IN MONGOLIA
Katie M Wells, MD, Raymond R Price, MD, Orgaï Sercelen, MD, Byadran Ukhagabayar, MD, Tsiregzen Enkh-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.

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

Location: The Depot (see page 106 for details)

Don’t miss the
SAGES Gala – An Evening at the Depot
Featuring: The 17th Annual International Sing-Off

*Included in Registration SuperPass (Option A)
<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>

**THE 2014 MEETING APP**

Enhanced Features Include:
- Personalized schedules
- Note Taking
- Tweet/Share favorite sessions
- Enhanced maps, listings & search capabilities
- Enhanced exhibitor listing & features
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
8:00AM - 9:30AM

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

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

EXHIBIT HALL D

* SPOTLIGHT ON HERNIA * Activity

**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, Caiyun Laio, MD, Monica Lovins, MS, CRNP, Hien T Nguyen, MD; Department of Surgery, The Johns Hopkins Hospital; 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, FRCS, FACS, Xinzhe Shi, Daniel Birch, MD, FRCS, Shahzeer Karmali, BSc, MD, MPH, FRCS, 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, Glen 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 PUBALGIA**
Krzysztof J Wikiel, MD, George M Eid; University of Pittsburgh Medical Center

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

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

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

V026 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, II, MD, Abhinav Humar, MD; University of Pittsburgh Medical Center
S082 INTRAPERITONEAL AND INTRAVENOUS LIDOCAINE FOR PAIN RELIEF AFTER LAPAROSCOPIC CHOLECYSTECTOMY: A PROSPECTIVE RANDOMIZED DOUBLE-BLIND PLACEBO-CONTROLLED STUDY  
Yoo Shin Choi, MD, Hyun Gang, MD; Chung-Ang University Hospital

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

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

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

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

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

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

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

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

**S088 TECHNICAL PROFICIENCY IN COLONOSCOPY CORRELATES WITH PERFORMANCE ON THE FES MANUAL SKILLS TEST** Carmen L Mueller, MD; Pepa Kaneva, MSc; Gerald M Fried, MD; Liane S Feldman, MD; Melina C Vassiliou, MD; Montreal General Hospital, McGill University Health Centre

**S089 REOPERATION RATES AFTER NISSEN FUNDOPLICATION: AN ANALYSIS OF THE CALIFORNIA OUTCOMES DATABASE (OSSHED)** Cristina R Harnsberger, MD; Tianzan Zhou, BA; David C Chang, PhD; MPH; MBA; Ryan C Broderick, MD; Hans F Fuchs, MD; Garth R Jacobsen, MD; Santiago Horgan, MD; Bryan J Sandler, MD; UNIVERSITY OF CALIFORNIA, SAN DIEGO

**S090 NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY FACILITATES IDENTIFICATION OF BILIARY ANATOMY DURING LAPAROSCOPIC CHOLECYSTECTOMY** Sylvester N Osayi, MD; Mark R Wendling, MD; Umer I Chaudhry, MD; Joseph M Drosdeck, MD; Kyle A Perry, MD; Sabrenna F Noria, MD; Jeffrey W Hazey, MD; Peter Mucscarella, MD; W. Scott Melvin, MD; Vimal K Narula, MD; The Ohio State University Wexner Medical Center, Columbus, OH, USA 43210

**S091 A MULTI-CENTER STUDY OF USING CARBON NANOPARTICLES TO TRACK LYMPH NODE METASTASIS IN T1-2 COLORECTAL CANCER** Jun Yan, MD; Fangqin Xue, MD; Hui Zhang, MD; Gang Chen, MD; Jianping Lu, MD; Lisheng Cai, MD; Mingzhi Cai, MD; Gao Xiang, MD; Yunfeng Hong, MD; Wenbo Chen, MD; Guoxin Li, MD; Department of General Surgery, Nanfang Hospital, Southern Medical University

**S092 EARLY POST OPERATIVE WEIGHT LOSS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY CORRELATES WITH THE VOLUME OF THE STOMACH EXCISED AND NOT WITH THAT OF THE SLEEVE! PRELIMINARY DATA FROM AN MDCT BASED STUDY.** Pawanindra Lal, MS, DNB, MNAMS, FRCSed, FRCSGlas, FRCSI, FACS; Manoj K Midha, MBBS, Anubhav Vindal, MS, DNB, MRCSEd, MNAMS; Jagdish Chander, MS; Division of Minimal Access Surgery, Department of Surgery, Maulana Azad Medical College (University of Delhi), New Delhi, India

**S093 LAPAROSCOPIC TOTAL PANCREATECTOMY WITH ISLET AUTOTRANSPLANTATION FOR CHRONIC PANCREATITIS** Martin Makary, MD, MPH; Micchool 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** 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
Committee Chairs

Remarks by Incoming President
L. Michael Brunt, MD

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

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, Ph.D, Masayuki Yanagi, MD, Yoshiaki Kita, MD, Ph.D, Shigehiro Yanagita, MD, Ph.D, Yasuto Uchikado, MD, Ph.D, Yoshihiko Uenosono, MD, Ph.D, Hiroshi Okumura, MD, Ph.D, Akihiro Nakajo, MD, Ph.D, Kosei Maemura, MD, Ph.D, Sumiya Ishigami, MD, Ph.D, Kuniaki Aridome, MD, Ph.D, Shoji Natsugoe, MD, Ph.D; 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, PA-C, 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 Aytac, MD, Jean Ashburn, MD, Gokhan Ozuner, MD, Feza Remzi, MD, Meagan Costedio, MD, Emre Gorgun, MD; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic

S097 EFFICACY OF LAPAROSCOPIC-ASSISTED APPROACH FOR REVERSAL OF HARTMANN’S PROCEDURE: RESULTS FROM THE AMERICAN COLLEGE OF SURGEONS NATIONAL SURGICAL QUALITY IMPROVEMENT PROGRAM
Jeanine Arkenbosch, BS, Hirochimi Miyagaki, MD, Ph.D, Hmc Shantha Kumara, Ph.D, Xiaohong Yan, Ph.D, 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, Zannador Del Real Romo, MD, Guillermo Peralta, MD; Texas Endosurgery Institute

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

S101 PREOPERATIVE REPEAT ENDOSCOPY IN COLORECTAL CANCER PATIENTS: AN INSTITUTIONAL EXPERIENCE AND ANALYSIS OF INFLUENCING FACTORS
Thamer Al Ababsi, MB, BCH, BAO, MRCSE, FRCS; Fady Saleh, MD, MPH, Timothy D Jackson, BSc, MD, MPH, FRCSC, Allan Ukrainiec, MD, CCM, MHP, FRCSC, FACS, Fayez A Quereshy, 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 TRANSCALEAL TOTAL MESORECTAL EXCISION FOR RECTAL CANCER: A TRAINING PATHWAY
Elisabeth C McLemore, MD, Cristina R Harnsberger, MD, Patricia Sylla, MD, Ryan C Broderick, MD, Albert S Gallo, MD, Martin A Berducci, MD, Alisa M Coker, MD, Moneer Almadani, MD, Hans 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 Arregui, MD; St. Vincent Hospital

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

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

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

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

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

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

**V036 TRANSGASTRIC ENDO-ORGAN RESECTION OF PROXIMAL GASTRIC LESION**
Piyush Aggarwal, MD, Kulsoom 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
Saturday, April 5, 2014

**Concurrent Session SS17 Foregut**

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

**BALLROOM E-H**

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

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

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

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

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

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

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

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

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

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

**V040** LAPAROSCOPIC NISSEN FUNDOPLICATION AFTER TRANSORAL INCISIONLESS FUNDOPLICATION (TIF)
- Oscar M Crespin, MD, Brant K Oelschlager, M, D, Carlos A Pellegrini, M, D; University of Washington Medical Center
Surgical Spring Week | SAGES 2014

Saturday, April 5, 2014

Concurrent Session SS18 Metabolic/Obesity 2

EXHIBIT HALL D

Moderators: Marina Kurian, MD & Alberto Chousleb, MD

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

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

S120 IS NEXT-DAY DISCHARGE FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS SAFE IN SELECT PATIENTS? ANALYSIS OF SHORT-TERM OUTCOMES
Ahmad I Elnahas, MD, FRCSC, David R Urbach, MD, MSc, FRCSC, Allan Okrainec, MDCM, MHPE, FACS, FRCSC, 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 Vrander, Jacques Himpeps, PhD, Ramon Vilallonga, PhD; AZ Sint Blasius

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

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

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

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

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

V041 MANAGEMENT OF SEVERE STRICTURE AFTER SLEEVE GASTRECTOMY: CONVERSION TO BYPASS
Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Elliot, 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, BSc, MD, O Neely M Panton, MB, BS, FRCSC, FACS, S Morad Hameed, MD, MPH, FRCSC, FACS; University of British Columbia, Division of General Surgery

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

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

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

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

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

**S133 PATIENT-CENTERED OUTCOMES FOLLOWING LAPAROSCOPIC VENTRAL HERNIA REPAIR: A SYSTEMATIC REVIEW OF THE CURRENT LITERATURE.**
Michael Sozin, MD, Ketan M. Patel, MD, Lucy Guevara, Maurice Y. Nahabhadian, 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 Raharimantsoa, MD, Stefano Mandala, MD, Antonio D’Urso, MD, Michel Vix, MD, Didier Mutter, MD, PhD, FACS; University Hospital of Strasbourg, Department of Digestive and Endocrine Surgery; IRCAD; IHU Strasbourg

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

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

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

**S138 LONG TERM OUTCOMES OF RADICOFERO RECURRENT AFTER PARAESPAGHEAL 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 Senthirinathan, MS, MCH, FACS, R Parthasarathi, MS, P Praveen Raj, MS, V P Nallankiilli, 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. Cavallaro, MD, MPH, Jason Chiu, BA, Ikechukwu Ohu, BS, Sohyung Cho, PhD, L. Michael Brun, MD, FACS, Michael M. Awad, MD, PhD; Department of General and Oncologic Surgery, SS Antonio e Biagio Hospital, Alessandria, Italy

**S142 APPLICATION OF FLUORESCENCE IMAGING IN ROBOTIC GENERAL SURGERY: OUR EXPERIENCE**
Giuseppe Spinoglio, MD, Fabio Priaro, PhD, Alessandra Marano, MD, Giampaolo Formisano, MD, Andrea Pappalardo, MD, Francesca Pagliardini, MD; Department of General and Oncologic Surgery, SS Antonio e Biagio Hospital, Alessandria, Italy

**S143 LYMPH NODE MAPPING AND SENTINEL LYMPH NODE BIOPSY WITH FLUORESCENCE IMAGING SYSTEM IN ROBOTIC COLORECTAL SURGERY**
Giuseppe Spinoglio, MD, Ferruccio Ravazzoni, PhD, Giampaolo Formisano, MD, Alessandra Marano, MD, Domenico Piscioneri, MD; Department of General and Oncologic Surgery, SS Antonio e Biagio Hospital, Alessandria, Italy
S144 COMPARISON OF STRUTURE 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. Vemulpalli, 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 Jaooong Park, MD, PhD, Sang-Yong Son, MD, Chong Min Lee, MD, Ho-Yun Jung, MD, Sang-Oon Ahn, MD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital, Seongnam, Korea

S146 PERIOPERATIVE RISK AND COMPLICATIONS OF REVISING 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 Whitedege, 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, Audriere Sanchez, MS, Heidi Ryan, MD, Shawn Tsuda, MD, FACS; Department of Surgery, University of Nevada School of Medicine

S151 LAPAROSCOPIC VENTRAL HERNIA REPAIR WITH POLYESTER MESH: PRIMARY FASCIAL REPAIR WITH MESH VS. MESH ONLY Priya Joshi, BS, Farah Karipinenni, MD, MPH, Afshin Parsikia, MD, Amit Joshi, MD, FACS; Jefferson Medical College, Philadelphia, PA & Einstein Healthcare Network, Philadelphia, PA

S152 PREOPERATIVE WARM-UP THE KEY TO IMPROVED RESIDENT TECHNIQUE Erin Moran-Atkin, MD, Ransom Wyse, MPH, CPHE, 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, Husein 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 T Heniford, MD; Carolinas Medical Center, Dept. of Surgery, Division of Gastrointestinal and Minimally Invasive Surgery

S155 A COMPARISON OF ROBOTIC SINGLE INCISION AND TRADITIONAL SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY Tariq 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

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>7:30AM</td>
<td>Registration/Check-in</td>
</tr>
<tr>
<td>8:00AM</td>
<td>Welcome &amp; Program Overview</td>
</tr>
<tr>
<td>8:30AM</td>
<td>Hands-On Surgical Skill Development - Lab</td>
</tr>
<tr>
<td>10:30AM</td>
<td>Break</td>
</tr>
<tr>
<td>10:45AM</td>
<td>Exhibit Time- escorted tours of the Exhibit Hall and Learning Center</td>
</tr>
<tr>
<td>12:30AM</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00PM</td>
<td>The Interactive Experience – Classroom</td>
</tr>
<tr>
<td>2:00PM</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 Sunvru De, Sc.D.
Fundamentals of Laparoscopic Surgery™ is a joint program of SAGES and ACS which is now required for board certification of general surgery residents. It was designed to teach physiology, fundamental knowledge, and technical skills that are required for competency in laparoscopic surgery. This station will introduce participants to the FLS technical tasks, as well as innovative Virtual Reality simulator (VBLAST) which has been designed to replicate these tasks in a virtual environment. The web-based content of FLS 2.0 (updated recently with fresh material) will be available to participants as well.

Objectives:
At the conclusion of this activity participants will be able to:
• Describe the components of the FLS 2.0 program
• Explain the preoperative, intraoperative, and postoperative considerations fundamental to laparoscopic surgery
• Have exposure to the technical tasks involved
• Have exposure to the tasks in an innovative Virtual Reality environment

3. Fundamentals of Endoscopic Surgery™ (FES)
Coordinator: Jonathan Pearl, MD and E. Matthew Ritter, MD
Flexible Endoscopy continues to be an important component to a General Surgeons practice. Endoscopy requirements in residency training have increased over the past few years and simulation training will soon be a requirement. This station will showcase the newly developed Flexible Endoscopy training models. These models allow training in scope navigation, tissue targeting, retroflexion and loop reduction. The models are simple to make and can easily be adopted in a residency training curriculum. This station will also allow the user to utilize a virtual reality simulator for both upper and lower endoscopy.

Objectives:
At the conclusion of this activity, the participant will be able to:
• Practice valuable endoscopic skills in a reproducible model
• Perform various endoscopic tasks in a virtual reality simulator
• Evaluate the SAGES endoscopic curriculum

4. Fundamental Use of Surgical Energy™ (FUSE)
Coordinator: Pascal Fuchshuber, MD
SAGES has developed a curriculum to help with the understanding and safe use of energy devices in the operating room. This learning station will allow the user to review the science and safety behind monopolar, bipolar and ultrasonic energy devices.

Objectives:
At the conclusion of this activity, the participant should be able to:
• Describe the physics behind common energy devices in the operating room
• Demonstrate the safe use of these energy devices
• Evaluate the SAGES FUSE curriculum

5. Single Port Laparoscopic Surgery
Coordinator: David Renton, MD
Single Port Laparoscopic Surgery is an alternative to multiple port laparoscopic surgery. There are multiple methods to gain entry into the abdominal cavity and multiple techniques to perform the operations. At this station, the user will be able to use the multiple access ports commercially available. The user will also be able to use both straight and articulating instruments to perform various tasks, including suturing on an inanimate trainer.

Objectives:
At the conclusion of this activity, the participant will be able to:
• Perform various laparoscopic tasks such as suturing and running bowel
• Compare Single Port surgery to traditional laparoscopic surgery
• Insert various types of Single Port Access devices

6. Hernia
* Spotlight on Hernia * Activity
Coordinator: Igor Belyansky, MD
Complex ventral hernias require an understanding of abdominal wall anatomy. The innervation of the muscles and the blood supply to the abdominal wall skin determine how a complex repair should be approached. This station will demonstrate using videos and an inanimate model how to approach complex abdominal wall hernias.

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, Covidien, Ethicon, Karl Storz Endoscopy, Olympus, Simbionix and Stryker Endoscopy

www.sages2014.org | Twitter: @SAGES_Updates | SAGES 2014
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.
<table>
<thead>
<tr>
<th>Resource/Program</th>
<th>Description</th>
<th>Members</th>
<th>Non-Members</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Images</strong></td>
<td>provides access to vast library of digital images, photos and graphics.</td>
<td>Download images</td>
<td>View access only to low resolution image versions</td>
</tr>
<tr>
<td><strong>SAGES TV</strong></td>
<td>is a central “searchable and fully navigational” depository for SAGES videos</td>
<td>Utilize images in Presentations</td>
<td></td>
</tr>
<tr>
<td><strong>S-Wiki</strong></td>
<td>is a surgical “Wikipedia” that has significant potential to become the most authoritative surgical reference on the web.</td>
<td>Upload/Share/Archive Videos</td>
<td>View access only to video catalog</td>
</tr>
<tr>
<td><strong>SAGES Webinars</strong></td>
<td>These webinars have been developed specifically for residents and will feature expert panelist from SAGES.</td>
<td>Rate/Review Videos</td>
<td></td>
</tr>
<tr>
<td><strong>SAGES Pages</strong></td>
<td>is a surgeon-to-surgeon social network that will has replaced the previous SAGES member area.</td>
<td>Edit Existing Articles</td>
<td>Read only Access to Articles</td>
</tr>
<tr>
<td><strong>SAGES University</strong></td>
<td>facilitates online education content for Part 2 Self Assessment CME credit.</td>
<td>Create New Articles</td>
<td></td>
</tr>
<tr>
<td><strong>MYCME</strong></td>
<td>is a central repository to track all SAGES awarded Part 2 Self Assessment CME credit.</td>
<td>Post enhanced member profiles</td>
<td>View and track all SAGES related CME Credit obtained from SAGES U and Live events</td>
</tr>
<tr>
<td><strong>SAGES Guidelines</strong></td>
<td>A complete list of all currently published SAGES Guidelines on the SAGES publication page.</td>
<td>Build “Friendships” with members</td>
<td>On-line access to all SAGES Guidelines</td>
</tr>
<tr>
<td><strong>SAGES Go Global</strong></td>
<td>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.</td>
<td>Messaging between members</td>
<td>SAGES Members may volunteer to participate in SAGES Go Global Activities</td>
</tr>
<tr>
<td><strong>MIS Safety Checklist</strong></td>
<td>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.</td>
<td>Upload/Archive documents</td>
<td>On-line access to all SAGES Guidelines</td>
</tr>
<tr>
<td><strong>SAGES Guidelines</strong></td>
<td>View and track all SAGES related CME Credit obtained from SAGES U and Live events</td>
<td>Rate/Review Videos</td>
<td>On-line access to all SAGES Guidelines</td>
</tr>
<tr>
<td><strong>SAGES University</strong></td>
<td>Full Access to complete all SAGES U Courses and obtain Self Assessment CME Credit, applicable toward fulfilling Part 2 of the ABS MOC Program</td>
<td>Upload/Share/Archive documents</td>
<td>On-line access to all SAGES Guidelines</td>
</tr>
<tr>
<td><strong>SAGES Media Madness!</strong></td>
<td>Now available on sages.org</td>
<td>Edit Existing Articles</td>
<td>This Resource is for Members Only</td>
</tr>
<tr>
<td><strong>For information how to become SAGES member go to <a href="http://www.sages.org/membership">www.sages.org/membership</a></strong></td>
<td>Post enhanced member profiles</td>
<td>Rate/Review Videos</td>
<td>View and track all SAGES related CME Credit obtained from live events</td>
</tr>
<tr>
<td><strong>SAGES University</strong></td>
<td>View and track all SAGES related CME Credit obtained from SAGES U and Live events</td>
<td>Upload/Share/Archive documents</td>
<td>On-line access to all SAGES Guidelines</td>
</tr>
<tr>
<td>Resource/Program</td>
<td>Description</td>
<td>Members</td>
<td>Non-Members</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------</td>
<td>---------</td>
<td>-------------</td>
</tr>
</tbody>
</table>
| SAGES Pearls Series | Step by Step  
- Short Video Clips  
- Expert Narratives  
- Tips  
- Tricks  
- Important Steps | Available For Purchase.  
Member Discount Available  
For product details visit www.cine-med.com/sages | Available For Purchase.  
Full Price |
| SAGES Top 21 DVD | 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. | Available For Purchase.  
Member Discount Available  
For product details visit www.cine-med.com/sages | Available For Purchase.  
Full Price |
| SAGES Grand Rounds Master Series | offers video, slide presentations, discussion and in depth education. | Available For Purchase.  
Member Discount Available  
For product details visit www.cine-med.com/sages | Available For Purchase.  
Full Price |
| Patient Information Brochures | | Available For Purchase.  
Member Discount Available  
For product details visit www.cine-med.com/sages | Available For Purchase.  
Full Price |
| FLS | | Available For Purchase.  
Member Discount Available  
To order FLS, please visit www.flsprogram.org or call 310-437-0544 x 137 | Available For Purchase.  
Full Price |
| FES | 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. | Available For Purchase.  
Discount available for limited time only.  
To order FES please visit www.fesprogram.org or call 310-437-0544x149 | Discount available for limited time only. |
| FUSE | 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. | Will Soon Be Available For Purchase. | Will Soon Be Available For Purchase. |

For product details and to order please visit www.cine-med.com/sages or call (800) 253-7657 or (203) 263-0006
Welcome Reception – A Slew of Equipment Debut 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, FRCS, University of Pennsylvania, Instructor in Surgery, Philadelphia, PA

Thomas A. Aloia, MD, UT MD Anderson Cancer Center, Associate Professor of Surgery; Houston, TX

Alonso Alvarado, MD, Clinica Hospital San Fernando, Panama City, Panama

Maurice E. Arregui, MD, St. Vincent Hospital, Director of Fellowship in Advanced GI surgery, Indianapolis, IN

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

Michael Maqdi Awad, MD, Washington University in St. Louis School of Medicine, Program Director, General Surgery, St. Louis, MO

Ralph W. Aye, MD, Swedish Medical Center, Teaching Attending and Fellowship Director for Minimally Invasive Thoracic and Foregut Surgery, Seattle, WA

COL (Ret) Kenneth Azarow, MD, Oregon Health and Science University, Surgeon-in-Chief for Doernbecher Children's Hospital, Portland, OR

Igor Belyansky, MD, Anne Arundel Medical Center, Director, Abdominal Wall Reconstruction, Annapolis, MD

George Berci, MD, FRCS, Ed(hon), Fr.Clin.Prof.of Surgery LAC-USC, Fr.Clin. Prof.of Surgery LAC-USC, Los Angeles, CA

Ramón Bergueta, MD, CCRMC Dept. of Surgery, Martinez, CA

Marcos A. Berry, MD, Clínica 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, 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 Buyskes, 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

LT Col Christy Y. Choi, 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

LT Col Yong U. Cho, 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 Cologna, 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

Suvaranu De, ScD, Rensselaer Polytechnic Institute, Professor, Troy, NY

Conor P. Delaney, MD, PhD, Case Med Ctr/Univ Hsps of Cleveland, Cleveland, OH

Nicolas Demartines, MD, University Hospital CHUV, Lausanne, Switzerland, Professor of Surgery and Chairman, Lausanne, Switzerland

Steven R. DeMeester, MD, U of So. California, Professor of Surgery, Los Angeles, CA

Sebastian Demyttenaere, MD, Saint Mary, Montreal, QC, Canada

George Denoto, MD, St. Francis Hospital in Roslyn, NY, Chief, Division of General Surgery, Manhasset, NY

Catherine devRies, MD, University of Utah, Director of the Center for Global Surgery, Salt Lake City, UT

Daniel J. Dezel, MD, Rush University Medical Center, Helen Shedd Keith Professor and Chair, Department of General Surgery, Chicago, IL

Jose J. Diaz Jr, MD, University of Maryland Medical School / RAC Trauma Center, Laparoscopic Exploration for Penetrating Trauma, Baltimore, MD

Quan-Yang Duh, MD, University of California, San Francisco, Professor, San Francisco, CA

MAJ Duane Duke, MD, Walter Reed National Military Medical Center, Silver Spring, MD

Brian J. Dunkin, MD, Weill Cornell Medical College, Professor of Clinical Surgery, Houston, TX

Christy M. Dunst, MD, The Oregon Clinic-Division of Gastrointestinal & Minimally Invasive Surgery, Portland, OR

David Bryan Earle, MD, Tufts University School of Medicine, Associate Professor of Surgery, Springfield, MA

COL Brian Eastridge, MD, University of Texas Health Science Center at San Antonio, Professor, Department of Surgery, San Antonio, TX

Heidi Elliott, MD, University Hospitals Case Medical Center, Assistant Professor, Cleveland, OH

C. Neal Ellis, MD, VA Gulf Coast Veterans Health Care System, Chief of Surgical Services, Pittsburgh, PA

David Etzioni, MD, MSHS, Mayo Clinic College of Medicine, Associate Professor, Phoenix, AZ

Steve Eubanks, MD, Florida Hospital, Director of Academic Surgery, Orlando, FL

Matt Fahy, Olympus, Southborough, MA

Robert D. Fanelli, MD, FASGE, The Guthrie Clinic, Ltd., Chief, Minimally Invasive Surgery and Surgical Endoscopy, Sayre, PA

Tim Farrell, MD, UNC-Chapel Hill, Professor of Surgery, Chapel Hill, NC

Liane S. Feldman, MD, 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, Moraga, CA
Luke M Funk, MD, MPH, University of Wisconsin Hospital and Clinics, Assistant Professor, Madison, WI
LTC Ronald A. Gagliano Jr., MD, Tripler Army Medical Center, Chief, Colon and Rectal Surgery, Honolulu, HI
Manoel P Galvao Neto, MD, Gastro Obeso Center, Sao Paulo, Brazil, Scientific Coordinator, Sao Paulo, Brazil
Daniel P. Geisler, MD, Colorectal Surgeons & Physicians of Pennsylvania, Program Director: Saint Vincent Colorectal Residency Program, Erie, PA
Keith Steven Gersin, MD, University of North Carolina, Clinical Professor of Surgery, Charlotte, NC
Ross Frederick Goldberg, MD, Maricopa Integrated Health System; University of Arizona College of Medicine - Phoenix, Chief of Surgery, Phoenix, AZ
Matthew I. Goldblatt, MD, Medical College of Wisconsin, Associate Professor, Milwaukee, WI
Jon C. Gould, MD, Medical College of Wisconsin, Associate Professor of Surgery, Milwaukee, WI
Frederick L. Greene, MD, University of North Carolina School of Medicine, Clinical Professor of Surgery, Charlotte, NC
John A. Hagen, MD, Humber River Regional Hospital, Toronto, ON, Canada
Dieter P. Hahnloser, MD, University Hospital, Professor, Lausanne, Switzerland
Sang-Uk Han, MD, PhD, Ajou University, Professor, Suwon, Gyeonggi-do, South Korea
Ho-Seong Han, MD, Seoul National University, Professor, Seoul, South Korea
Paul Daniel Hansen, MD, Oregon Clinic, Portland, OR
Kristi Lee Harold, MD, Mayo Clinic Arizona, Associate Professor of Surgery, Phoenix, AZ
Imran Hassan, MD, Springfield, IL
Robert H. Hawes, MD, University of Central Florida College of Medicine, Professor of Internal Medicine, Orlando, FL
Jeffrey W. Hazey, MD, The Ohio State University, Associate Professor of Surgery, Columbus, OH
B. Todd Heniford, MD, Carolinas Medical Center, Professor, Charlotte, NC
Daniel M. Herron, MD, Icahn School of Medicine at Mount Sinai, Professor of Surgery, New York, NY
Michael Hinni, MD, Mayo Clinic in Arizona, Professor of Otolaryngology - Mayo Clinic College of Medicine, Phoenix, AZ
Stefan D. Holubar, MD, Dartmouth-Hitchcock Medical Center, Assistant Professor of Surgery, Lebanon, NH
Michael D. Holzman, MD, MPH, Vanderbilt University, Lester & Sara Jayne Williams, Chair of Academic Surgery; Associate Professor of Surgery, Nashville, TN
Elizabeth Joy Honigsberg, MD, Bridgeport Hospital Yale New Haven Health System, Clinical Instructor, Scarsdale, NY
William W. Hope, MD, SEAHEC/UNC-Chapel Hill, Assistant Professor of Surgery, Wilmington, NC
Toshitaka Hoppo, MD, PhD, Institute for the Treatment of Esophageal & Thoracic Disease, Allegheny Health Network, General Surgeon, Pittsburgh, PA
Santiago Horgan, MD, University of California San Diego, Professor of Surgery., San Diego, CA
Karen D. Horvath, MD, University of Washington, Professor of Surgery, Residency Program Director, Associate Chair for Education, Seattle, WA
Tracy Hull, MD, The Cleveland Clinic Foundation, Cleveland, Ohio, Professor of Surgery, Cleveland, OH
Eric Steven Hungness, MD, Northwestern University, Associate Professor of Surgery, Chicago, IL
John Hunter, MD, Oregon Health & Science University, Mackenzie Professor and Chair, Dept. of Surgery, Portland, OR
Matthew M. Hutter, MD, MPH, Harvard Medical School, Associate Professor, Boston, MA
David A. Iannitti, MD, University of North Carolina, Chapel Hill, Clinical Professor of Surgery, Charlotte, NC
Haruhiro Inoue, MD, Digestive Disease Center, Showa University Northern Yokohama Hospital, Professor, Yokohama, Japan
Masaaki Ito, MD, PhD, National Cancer Center Hosp, Kashiwa, Japan
Gretchen Purcell Jackson, MD, Vanderbilt University, Assistant Professor of Surgery, Pediatrics, and Biomedical Informatics, Nashville, TN
Brian P. Jacob, MD, Mount Sinai Medical Center, Assoc Clin Prof of Surgery, New York, NY
Garth R. Jacobsen, MD, UCSD, Assistant Professor of Surgery, Rancho Santa Fe, CA
Rohan Jeyarajah, MD, Methodist Dallas Medical Center, Director Surgical Oncology, Dallas, TX
Daniel Bougere Jones, MD, Harvard Medical School, Professor, Boston, MA
Aliyah Kanji, MD, FRCS, Alberta Health Services, General, MIS and Bariatric Surgery, Columbus, OH
Sergey V. Kantevoy, 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, FACS, Melbourne Upper GI Surgical Group; Monash University's Eastern Health Clinical School, Upper Gastrointestinal Surgeon, Melbourne, VIC, Australia
SAGES Invited Faculty List

Mukta Krane, MD, University of Chicago Medicine, Chicago, IL
Sachin Suresh Kukreja, MD, UT Southwestern / North Texas Veterans Affairs, Assistant Professor of Surgery, Dallas, TX
Marina Kurian, MD, NYU School of Medicine, Associate Professor of Surgery, New York, NY
Antonio M. Lacy, MD, University of Barcelona, Professor of Surgery, Barcelona, Spain
Woo-Jeong Lee, MD, Yansei University Health System, Professor, Seoul, South Korea
Herbert Lerner, MD, Food and Drug Administration, Silver Spring, MD
Richard Levin, MD, The Arnold P. Gold Foundation, New York and McGill Universities, President and CEO, Emeritus Professor, Medicine, Englewood Cliffs, NJ
Anne O. Lidor, MD, Johns Hopkins University SOM, Associate Professor of Surgery, Baltimore, MD
LTC(P) Robert B. Lim, MD, Tripler Army Medical Center, Associate Professor of Surgery, Honolulu, HI
John G. Linn, MD, NorthShore University Health System, The University of Chicago, Clinical Assistant Professor, Department of Surgery, Evanston, IL
Olle Ljungqvist, MD, PhD, Örebro University Hospital, Professor of Surgery, Örebro, Sweden
Emanuele Lo Menzo, MD, Cleveland Clinic Florida, Associate Professor of Surgery, Weston, FL
Claudia Lorenzetti, MD, Brazil
Brian Louie, MD, Swedish Cancer Institute and Swedish Medical Center, Seattle, WA
Bruce V. MacFadyen Jr, MD, University of Texas Medical School Houston, Professor of Surgery, Houston, TX
Amin Madani, MD, McGill University, Montreal, QC, Canada
Martin Makary, MD, MPH, Johns Hopkins Hospital, Associate Professor, Baltimore, MD
Samaad Malik, MD, MSc, FRCS, University of British Columbia, Victoria, BC, Canada
Peter W. Marcello, MD, Lahey Hospital and Medical Center, Chairman, Department of Colon & Rectal Surgery, Burlington, MA
Jeffrey M. Marks, MD, Case Medical Center, Professor, Cleveland, OH
John H. Marks, MD, Lankenau Institute for Medical Research, Professor, Wynnewood, PA
Gerald Marks, MD, Lankenau Institute for Medical Research, Professor, Wynnewood, PA
Michael R. Marohn, MD, Johns Hopkins University School of Medicine, Associate Professor of Surgery, Baltimore, MD
COL Matthew Jeffrey Martin, MD, Madigan Army Medical Center, Trauma Medical Director, Olympia, WA
Jose M. Martinez, MD, University of Miami, Miller School of Medicine, Associate Professor of Surgery, Miami, FL
John Martinie, MD, Carolinas Medical Center, Associate Professor of Surgery, Charlotte, NC
Samer G. Mattar, MD, Oregon Health and Science University, Professor of Surgery, Portland, OR
Brent D. Matthews, MD, Carolinas Medical Center, Professor of Surgery, Charlotte, NC
David A. McClusky, MD, St. Luke's Wood River Medical Center, Ketchum, ID
Michael Francis McGee, MD, Northwestern University, Assistant Professor of Surgery, Tulsa, OK
Mabula Mchember, MD, Dar-es-salaam, TZ
Elisabeth C. Mclemore, MD, University of California, San Diego, Associate Professor of Surgery, La Jolla, CA
Kelly McQueen, MD, MPH, Vanderbilt University, Nashville, TN
John D. Mellinger, MD, Southern Illinois University, J. Roland False Endowed Chair in Surgery, Professor and Chair of General Surgery, Springfield, IL
W. Scott Melvin, MD, Montefiore Medical Center - The Univ. Hospital for Albert Einstein College of Medicine, Professor of Surgery, Bronx, NY
Dean J. Mikami, MD, The Ohio State University, Associate Professor of Surgery, Columbus, OH
John R.T. Monson, MD, University of Rochester, Professor of Surgery, Rochester, NY
Alberto Montori, MD, University of Rome Sapienza, Rome, Italy
Eduardo Moreno-Paquentin, MD, ABC Hospital, Tlaxala Santa Fe, Mexico
Mario Morino, MD, University Hospital of Torino, Torino, Italy
Malcolm G. Munro, MD, University of California, Los Angeles AND Kaiser Permanente, Los Angeles Medical Center, Professor, Los Angeles, CA
Kenric M. Murayama, MD, Temple University School of Medicine, Professor of Surgery (Adjunct), Abington, PA
Jamie Murphy, MD, National Centre for Bowel Research and Surgical Innovation, UK, London, UK
Matthew G. Mutch, MD, Washington University School of Medicine, Associate Professor of Surgery, St Louis, MO
Alex P. Nagle, MD, Northwestern University, Associate Professor of Surgery, Chicago, IL
Ninh Tuan Nguyen, MD, University of California Irvine Medical Center, Professor of Surgery, Orange, CA
Sabrena F. Norio, MD, PhD, The Ohio State University, Assistant Professor, Columbus, OH
Yuri Novitsky, MD, Case Western Reserve University, Associate Professor of Surgery, Cleveland, OH
Fiemu E. Nwariaku, MD, UT Southwestern Med Ctr, Professor of Surgery and Associate Dean for Global Health, Dallas, TX
Brant K. Oelschlager, MD, University of Washington Department of Surgery, Professor of Surgery, Seattle, WA
Allan E. Okraine, MD, University of Toronto, Associate Professor, Toronto, ON, Canada
Dmitry Oleynikov, MD, Omaha, NE
Raymond P. Onders, MD, Case Western Reserve University, Professor of Surgery, Remen Chair in Surgical Innovation, Shaker Heights, OH
Sergelen Orgoi, MD, Health Sciences University of Mongolia, Chief of Surgery, Ulaanbaatar, Mongolia
John T. Paige, MD, LSU Health New Orleans School of Medicine, Associate Professor of Clinical Surgery, New Orleans, LA
Vanessa N. Palter, MD, PhD, University of Toronto, Toronto, ON, Canada
Juan Pablo Pantoja, MD, Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran, Mexico DF, Mexico
Adrian Park, MD, Anne Arundel Medical Center, Annapolis, MD
John J. Park, MD, Rosalind Franklin University of Medicine and Science, Associate Professor of Surgery, Park Ridge, IL
Ankit Dilip Patel, MD, Emory University, Assistant Professor of Surgery, Atlanta, GA
Marco G. Patti, MD, University of Chicago Pritzker School of Medicine, Chicago, IL
Eric Mark Pauli, MD, Penn State Hershey Medical Center, Assistant Professor of Surgery, Hershey, PA
Jonathan P. Pearl, MD, University of Maryland School of Medicine, Assistant Professor of Surgery, Baltimore, MD
# SAGES Invited Faculty List

<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Juan Pekolj, MD, PhD</td>
<td>Hospital Italian Buenos Aires Argentina</td>
</tr>
<tr>
<td>Nicole Pena, MD</td>
<td></td>
</tr>
<tr>
<td>Joseph B. Petelin, MD</td>
<td>University of Kansas School of Medicine, Dept of Surgery, Clinical Associate Professor, Shawnee Mission, KS</td>
</tr>
<tr>
<td>Edward H. Phillips, MD</td>
<td>Cedars Sinai Health System, Professor of Surgery, Los Angeles, CA</td>
</tr>
<tr>
<td>E. Matthew Ritter, MD</td>
<td>Uniformed Services University / Walter Reed National Military Medical Center, Vice Chairman for Education / Associate Professor of Surgery, Bethesda, MD</td>
</tr>
<tr>
<td>Jaime Ponce, MD</td>
<td></td>
</tr>
<tr>
<td>Alejandro Pigazzi, MD</td>
<td>University of California, Irvine, Associate Professor of Surgery, Orange, CA</td>
</tr>
<tr>
<td>Alfons Pomp, MD</td>
<td>Weill Medical College of Cornell University, Leon C. Hirsch Professor of Surgery, New York, NY</td>
</tr>
<tr>
<td>Jaime Ponce, MD</td>
<td>Dalton, GA</td>
</tr>
<tr>
<td>Jeffrey L. Ponsky, MD</td>
<td>Case Western Reserve University, Professor and Chairman, Department of Surgery, Moreland Hill, OH</td>
</tr>
<tr>
<td>COL (Ret) Walter Pories, MD</td>
<td>Bariatric Surgery Research Group, East Carolina University, Professor of Surgery, Biochemistry, Sport and Exercise Science, Greenville, NC</td>
</tr>
<tr>
<td>Thomas N. Robinson, MD</td>
<td>University of Colorado, Associate Professor, Surgery, Denver, CO</td>
</tr>
<tr>
<td>CDR Carlos J Rodriguez, MD</td>
<td>Walter Reed National Military Medical Center, Wheaton, MD</td>
</tr>
<tr>
<td>Michael J. Rosen, MD</td>
<td>Case Medical Center, Professor of Surgery, Cleveland, OH</td>
</tr>
<tr>
<td>Raul J. Rosenthal, MD</td>
<td>FASMBS, Cleveland Clinic Florida, Chairman, Department of General Surgery, Weston, FL</td>
</tr>
<tr>
<td>Sharona B. Ross, MD</td>
<td>Florida Hospital, Tampa, FL</td>
</tr>
<tr>
<td>James C. Rosser Jr, MD</td>
<td>Nicholson Center for Surgical Advancement, Celebration, FL</td>
</tr>
<tr>
<td>John Scott Roth, MD</td>
<td>University of Kentucky, Professor of Surgery; Director Minimally Invasive Surgery; Chief, Gastrointestinal Surgery, Lexington, KY</td>
</tr>
<tr>
<td>COL Robert M. Rush, MD</td>
<td>Madigan Army Medical Center, USUHS, U of Washington, Associate Professor of Surgery, Tacoma, WA</td>
</tr>
<tr>
<td>Yutaka Saito, MD</td>
<td>National Cancer Center Hospital, Tokyo, Japan</td>
</tr>
<tr>
<td>Gustavo Salinas, MD</td>
<td>Clínica de Día Avendaño, Bariatric Surgeon, Lima, Peru</td>
</tr>
<tr>
<td>Barry A. Saliky, MD</td>
<td>Mount Sinai School of Medicine, Professor of Surgery; Division of Laparoscopic Surgery, New York, NY</td>
</tr>
<tr>
<td>Ganesh Sankaranarayanan, PhD</td>
<td>Rensselaer Polytechnic Institute, Research Assistant Professor, Cohoes, NY</td>
</tr>
<tr>
<td>Fernando Santos, MD</td>
<td>Dartmouth Hitchcock Medical Center, Minimally Invasive Surgery Fellow, East Thetford, VT</td>
</tr>
<tr>
<td>Juan M. Sarmiento, MD</td>
<td>Emory University, Associate Professor of Surgery, Atlanta, GA</td>
</tr>
<tr>
<td>Richard M. Satava, MD</td>
<td>University of Washington Medical Center, Professor Emeritus of Surgery, Pebble Beach, CA</td>
</tr>
<tr>
<td>Bruce D. Schirmer, MD</td>
<td>University of Virginia Health System, Stephen H. Watts Professor of Surgery, Charlottesville, VA</td>
</tr>
<tr>
<td>Christopher M. Schlachta, MD</td>
<td>Schulich School of Medicine and Dentistry, Western University, Professor, Departments of Surgery and Oncology, London, ON, Canada</td>
</tr>
<tr>
<td>Steve Schomisch, PhD</td>
<td>Case Western Reserve University, Cleveland, OH</td>
</tr>
<tr>
<td>Steven D. Schwartzberg, MD</td>
<td>Harvard Medical School, Associate Professor of Surgery, Cambridge, MA</td>
</tr>
<tr>
<td>Daniel J. Scott, MD</td>
<td>UT Southwestern Medical Center, Dallas, TX</td>
</tr>
<tr>
<td>Anthony J. Senagore, MD</td>
<td>Central Michigan University, College of Medicine, Chair and Professor of Surgery, Saginaw, MI</td>
</tr>
<tr>
<td>Neal E. Seymour, MD</td>
<td>Tufts University, Professor, Springfield, MA</td>
</tr>
<tr>
<td>Phillip P. Shaduck, MD</td>
<td>Duke University, Assistant Consulting Professor, Durham, NC</td>
</tr>
<tr>
<td>Paresh C. Shah, MD</td>
<td>NYU, Vice Chair of Surgery for Quality and Innovation, Director of General Surgery, New York, NY</td>
</tr>
<tr>
<td>Eran Shlomo, MD</td>
<td>University of California Irvine Medical Center, Assistant Professor, Director of Global Surgery, New York, NY</td>
</tr>
<tr>
<td>Samuel Shuchleib, MD</td>
<td>National University UNAM, Professor of Surgery, Executive Director FELAC, Mexico City, Mexico</td>
</tr>
<tr>
<td>Lelan F. Sillin, MD</td>
<td>Lahey Clinic; Tufts University School of Medicine, Professor of Surgery, Burlington, MA</td>
</tr>
<tr>
<td>Elliott Silverman, PA-C</td>
<td>USU - Walter Reed Military Medical Simulation Center, Director - Assistant Professor of Surgery, Bethesda, MD</td>
</tr>
<tr>
<td>Ronald Sing, MD</td>
<td>Carolinas Medical Center, Professor of Surgery, Charlotte, NC</td>
</tr>
<tr>
<td>Brian R. Smith, MD</td>
<td>University of California Irvine Medical Center, Assistant Professor of Surgery, Long Beach, CA</td>
</tr>
<tr>
<td>LTC Richard R. Smith, MD</td>
<td>Tripler Army Medical Center, Chief of Surgical Oncology, Honolulu, HI</td>
</tr>
<tr>
<td>C. Daniel Smith, MD</td>
<td>Mayo School of Medicine, Professor of Surgery, Jacksonville, FL</td>
</tr>
<tr>
<td>Nathaniel J. Soper, MD</td>
<td>Northwestern University/ Feinberg School of Medicine, Loyal and Edith Davis Professor and Chair of Surgery, Chicago, IL</td>
</tr>
<tr>
<td>Konstantinos Spaniolas, MD</td>
<td>East Carolina University, Assistant Professor of Surgery, Greenville, NC</td>
</tr>
</tbody>
</table>

---

## SAGES 2014 Scientific Session & Postgraduate Courses

---

**SAGES 2014**

---

110 Surgical Spring Week | SAGES 2014

---

Scientific Session & Postgraduate Courses
<table>
<thead>
<tr>
<th>Name</th>
<th>Affiliation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stuart Jon Spechler, MD</td>
<td>UT Southwestern Medical Center at Dallas,</td>
</tr>
<tr>
<td></td>
<td>Chief, Division of Gastroenterology, VA</td>
</tr>
<tr>
<td>North Texas Healthcare System;</td>
<td>Professor of Medicine, Berta M. and Cecil</td>
</tr>
<tr>
<td>Professor and Chair</td>
<td>O. Patterson Chair in Gastroenterology,</td>
</tr>
<tr>
<td>Fort Lewis, TX</td>
<td></td>
</tr>
<tr>
<td>Steven C. Stain, MD,</td>
<td>Albany Medical College, Professor and</td>
</tr>
<tr>
<td></td>
<td>Chair, Albany, NY</td>
</tr>
<tr>
<td>Stavros Stavropoulos, MD,</td>
<td>Mineola, NY</td>
</tr>
<tr>
<td>LTC Scott Russell Steele, MD,</td>
<td>University of Washington, Clinical</td>
</tr>
<tr>
<td></td>
<td>Associate Professor of Surgery, Fort Lewis,</td>
</tr>
<tr>
<td></td>
<td>WA</td>
</tr>
<tr>
<td>Dimitrios Stefanidis, MD, PhD,</td>
<td>Carolinas Healthcare System, Associate</td>
</tr>
<tr>
<td></td>
<td>Professor of Surgery, Charlotte, NC</td>
</tr>
<tr>
<td>Bruce C. Steffes, MD,</td>
<td>Pan African Academy of Christian Surgeons,</td>
</tr>
<tr>
<td></td>
<td>Executive Director, Linden, NC</td>
</tr>
<tr>
<td>Sharon L. Stein, MD,</td>
<td>University of Colorado School of Medicine,</td>
</tr>
<tr>
<td></td>
<td>John H. and Cynthia H. Schultz Professor</td>
</tr>
<tr>
<td></td>
<td>of Surgery, Aurora, CO</td>
</tr>
<tr>
<td>Steven Strasberg, MD,</td>
<td>Washington University in Saint Louis,</td>
</tr>
<tr>
<td></td>
<td>Pruett Professor of Surgery, St Louis, MO</td>
</tr>
<tr>
<td>Kazuki Sumiyama, MD,</td>
<td>Jikei University School of Medicine, Tokyo,</td>
</tr>
<tr>
<td></td>
<td>Japan</td>
</tr>
<tr>
<td>Lee L. Swansonstrom, MD,</td>
<td>Oregon Health Sciences University, Clinical</td>
</tr>
<tr>
<td></td>
<td>Professor of Surgery, Portland, OR</td>
</tr>
<tr>
<td>Patricia Sylla, MD,</td>
<td>Harvard University, Assistant Professor of</td>
</tr>
<tr>
<td></td>
<td>Surgery, Boston, MA</td>
</tr>
<tr>
<td>Samuel Somstein, MD,</td>
<td>Florida International University, Clinical</td>
</tr>
<tr>
<td></td>
<td>Associate Professor of Surgery, West, FL</td>
</tr>
<tr>
<td>Mark A. Talamini, MD,</td>
<td>Stony Brook Medicine, Professor and</td>
</tr>
<tr>
<td></td>
<td>Chairman, Department of Surgery, Stony</td>
</tr>
<tr>
<td></td>
<td>Brook, NY</td>
</tr>
<tr>
<td>Eduardo Targarona, MD,</td>
<td>Autonomous University of Barcelona,</td>
</tr>
<tr>
<td></td>
<td>Professor of Surgery, Barcelona, Spain</td>
</tr>
<tr>
<td>Nabil Tariq, MD,</td>
<td>Methodist Hospital, Houston, TX</td>
</tr>
<tr>
<td>John Tarpaley, MD,</td>
<td>Vanderbilt University Medical Center,</td>
</tr>
<tr>
<td></td>
<td>Nashville, TN</td>
</tr>
<tr>
<td>Ali Tavakkoli, MD,</td>
<td>Harvard Medical School, Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>of Surgery, Boston, MA</td>
</tr>
<tr>
<td>Ezra Nathaniel Teitelbaum, MD,</td>
<td>Northwestern University, Surgery Research</td>
</tr>
<tr>
<td></td>
<td>Fellow, Chicago, IL</td>
</tr>
<tr>
<td>Julie K. Thacker, MD</td>
<td>Duke University, Durham, NC</td>
</tr>
<tr>
<td>Christopher C Thompson, MD</td>
<td>Harvard Medical School, Assistant Professor</td>
</tr>
<tr>
<td></td>
<td>of Medicine, Boston, MA</td>
</tr>
<tr>
<td>Thadeus L Trus, MD,</td>
<td>Dartmouth-Hitchcock Medical Center,</td>
</tr>
<tr>
<td></td>
<td>Associate Professor of Surgery, Lebanon, NH</td>
</tr>
<tr>
<td>Dimitrios Tsakayannis, MD, PhD,</td>
<td>Hygeia Hospital, Psychiko, Greece</td>
</tr>
<tr>
<td>Tehemton E Udewadia, MD, PhD,</td>
<td>Hinduja National Hospital &amp; Research Center</td>
</tr>
<tr>
<td></td>
<td>Mumbai, Emeritus Professor of Surgery,</td>
</tr>
<tr>
<td></td>
<td>Head Dept. of M.A.S., Bombay, India</td>
</tr>
<tr>
<td>Michael B. Uji, MD,</td>
<td>University of Chicago, Clinical Assistant</td>
</tr>
<tr>
<td></td>
<td>Professor of Surgery, Evanston, IL</td>
</tr>
<tr>
<td>David R. Urbach, MD,</td>
<td>University of Toronto, Professor of Surgery</td>
</tr>
<tr>
<td></td>
<td>and Health Policy, Management and Evaluation,</td>
</tr>
<tr>
<td></td>
<td>Toronto, ON, Canada</td>
</tr>
<tr>
<td>David S. Utley, MD,</td>
<td>Covidiun G1 Solutions, Chief Medical Officer,</td>
</tr>
<tr>
<td></td>
<td>Sunnyvale, CA</td>
</tr>
<tr>
<td>Oliver A. Varban, MD,</td>
<td>University of Michigan, Ann Arbor, MI</td>
</tr>
<tr>
<td>Melina C. Vassiliou, MD,</td>
<td>McGill University Health Centre, Assistant</td>
</tr>
<tr>
<td></td>
<td>Professor of Surgery, Montreal, QC, Canada</td>
</tr>
<tr>
<td>Khashayar Vaziri, MD,</td>
<td>George Washington University, Associate</td>
</tr>
<tr>
<td></td>
<td>Professor of Surgery, Washington, DC</td>
</tr>
<tr>
<td>Richard M. Vazquez, MD,</td>
<td>Northwestern Memorial Hospital, Chicago, IL</td>
</tr>
<tr>
<td>Vic Velanovich, MD,</td>
<td>University of South Florida, Professor of</td>
</tr>
<tr>
<td></td>
<td>Surgery, Tampa, FL</td>
</tr>
<tr>
<td>Pratibha Vemulpalli, MD,</td>
<td>Montefiore Medical Center, Director of</td>
</tr>
<tr>
<td></td>
<td>Bariatric Surgery, New York, NY</td>
</tr>
<tr>
<td>Gary C. Vitale, MD,</td>
<td>University of Louisville, Professor of</td>
</tr>
<tr>
<td></td>
<td>Surgery, Louisville, KY</td>
</tr>
<tr>
<td>Guy R. Voeller, MD,</td>
<td>University of Tennessee, Professor of</td>
</tr>
<tr>
<td></td>
<td>Surgery, Germantown, TN</td>
</tr>
<tr>
<td>Eric Terril Volkman, MD,</td>
<td>University of Utah, Assistant Professor,</td>
</tr>
<tr>
<td></td>
<td>Director of Bariatric Surgery, Salt Lake</td>
</tr>
<tr>
<td>Danielle S Walsh, MD,</td>
<td>East Carolina University, Associate</td>
</tr>
<tr>
<td></td>
<td>Professor, Greenville, NC</td>
</tr>
<tr>
<td>R. Matthew Walsh, MD,</td>
<td>Lerner College of Medicine at CWRU, Professor</td>
</tr>
<tr>
<td></td>
<td>and Chairman, Cleveland, OH</td>
</tr>
<tr>
<td>Debbie Watson, RN,</td>
<td>McGill University, Montreal, QC, Canada</td>
</tr>
<tr>
<td>Mark J. Watson, MD,</td>
<td>UT Southwestern Dallas, Professor, Dallas,</td>
</tr>
<tr>
<td>Eric Glenn Weiss, MD,</td>
<td>Cleveland Clinic Florida, Director,</td>
</tr>
<tr>
<td></td>
<td>Education Center, Professor and Staff</td>
</tr>
<tr>
<td></td>
<td>Colorectal Surgeon, Weston, FL</td>
</tr>
<tr>
<td>Donald E. Wenner, MD,</td>
<td>Lovelace Regional Hospital, Roswell, NM</td>
</tr>
<tr>
<td>Steven D. Wexner, MD,</td>
<td>Florida Atlantic University/ Florida Atlantic</td>
</tr>
<tr>
<td></td>
<td>Atlantic University, Affiliate Professor of</td>
</tr>
<tr>
<td></td>
<td>Surgery/ Clinical Professor of Surgery,</td>
</tr>
<tr>
<td></td>
<td>Weston, FL</td>
</tr>
<tr>
<td>Richard Larry Whelan, MD,</td>
<td>Columbia University, Professor of Surgery,</td>
</tr>
<tr>
<td></td>
<td>New York, NY</td>
</tr>
<tr>
<td>Mark H. Whiteford, MD,</td>
<td>The Oregon Clinic, Providence Cancer Center,</td>
</tr>
<tr>
<td></td>
<td>Director, Colon and Rectal Surgery, Portland,</td>
</tr>
<tr>
<td></td>
<td>OR</td>
</tr>
<tr>
<td>Dafydd (Dave) Rhys Williams, MD,</td>
<td>Southlake Regional Health Centre, President</td>
</tr>
<tr>
<td></td>
<td>&amp; CEO, Newmarket, ON, Canada</td>
</tr>
<tr>
<td>Erik B. Wilson, MD,</td>
<td>UTHealth - Medical School, Professor of</td>
</tr>
<tr>
<td></td>
<td>Surgery, Houston, TX</td>
</tr>
<tr>
<td>Gordon G. Wislack, MD,</td>
<td>Uniformed Services University of the Health</td>
</tr>
<tr>
<td></td>
<td>Sciences, Assistant Professor of Surgery,</td>
</tr>
<tr>
<td></td>
<td>San Diego, CA</td>
</tr>
<tr>
<td>LCDR Tamara J Worthing, MD,</td>
<td>Walter Reed NMMC, Silver Spring, MD</td>
</tr>
<tr>
<td>Andrew S. Wright, MD,</td>
<td>University of Washington, Associate</td>
</tr>
<tr>
<td></td>
<td>Professor, Seattle, WA</td>
</tr>
<tr>
<td>Yuhsin Victoria Wu, MD,</td>
<td>University of Missouri, Assistant Professor,</td>
</tr>
<tr>
<td></td>
<td>Cleveland Heights, OH</td>
</tr>
<tr>
<td>Manabu Yamamoto, MD,</td>
<td>Adachi Kyoosai Hospital, Tokyo, Japan</td>
</tr>
<tr>
<td>Y. Nancy You, MD,</td>
<td>University of Texas MD Anderson Cancer</td>
</tr>
<tr>
<td></td>
<td>Center, Assistant Professor, Houston, TX</td>
</tr>
<tr>
<td>Tonia M. Young-Fadok, MD,</td>
<td>Mayo Clinic, Professor of Surgery, Phoenix,</td>
</tr>
<tr>
<td></td>
<td>AZ</td>
</tr>
<tr>
<td>Linda P. Zhang, MD</td>
<td>Mount Sinai School of Medicine, North</td>
</tr>
<tr>
<td></td>
<td>Baldwin, NY</td>
</tr>
<tr>
<td>Amitai Ziv, MD, MHA,</td>
<td>Sheba Medical Center, Deputy Director and</td>
</tr>
<tr>
<td></td>
<td>Director, MSR - Israel Center for Medical</td>
</tr>
<tr>
<td></td>
<td>Simulation, Ramat Gan, Israel</td>
</tr>
<tr>
<td>Brian Zuckerbraun, MD,</td>
<td>University of Pittsburgh and VA Healthcare</td>
</tr>
<tr>
<td></td>
<td>System, Henry T. Bahson Associate Professor,</td>
</tr>
<tr>
<td></td>
<td>of Surgery, Pittsburgh, PA</td>
</tr>
<tr>
<td>Nathan Zundel, MD,</td>
<td>FIU Herbert Wertheim College of Medicine,</td>
</tr>
<tr>
<td></td>
<td>Miami Beach, FL</td>
</tr>
<tr>
<td>SAGES 2014</td>
<td>Scientific Session &amp; Postgraduate Courses</td>
</tr>
<tr>
<td><a href="http://www.sages2014.org">www.sages2014.org</a></td>
<td></td>
</tr>
<tr>
<td>Twitter: @SAGES_Updates</td>
<td></td>
</tr>
<tr>
<td>Surgical Spring Week</td>
<td></td>
</tr>
<tr>
<td>SAGES 2014</td>
<td></td>
</tr>
</tbody>
</table>
Scientific Session & Postgraduate Courses

SAGES Faculty and Presenter Disclosures

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.

Antonello Forgione
Piero Marco Fisichella
Lorenzo E. Ferri
Alberto R. Ferreres
Leonardo Ferraz
Lorenzo E. Ferri
Michael Magdi Awad
Horacio J. Asbun
Juan Sebastián Barajas-Gameboa
Allison M Barrett
Limaris Barrios
Simon Bergman
William R. Berucci
Benjamin R Bileman
Edward C. Borrazzo
Curtis Edward Bower
Robert P. Bowers
Robert Joshua Bowles
David C. Brooks
L. Michael Brunt
Carla Bryant
Mark P. Callery
Jose J. Diaz Jr.
Mark P. Callery
Nicholas Demartines
Nicolas Demartines
AnnaSyma Malik
Minh Luu
Claudia Lorenzetti
Nicolas Demartines
Samaad Malik
Samaad Malik
Antonino Francisci
Antonio M. Lacy
Sachin Suresh Kukreja
Subhash U. Kini
Seon-Han Kim
Hyung-Ho Kim
Kosar A. Khwaja
Leena Khaitan
Herman Kessler
Kraig Kirkham
Ralph W. Aye
Michael Magdi Awad
Horacio J. Asbun
Maurice E. Arregui
Surgical Spring Week | SAGES 2014
### 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>Matthew R. Albert</td>
<td>Applied Medical Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LifeCell</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>Igor Belyansky</td>
<td>LifeCell</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>George Berci</td>
<td>Storz Company Consulting Fee</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Ramon Berguer</td>
<td>LifeGuard Company Ownership Interest</td>
<td>Management Position</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Mariana Berho</td>
<td>Lifebond Consulting Fee</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>NovoGi Consulting Fee</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Marcos A. Berry</td>
<td>COVIDEN Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Daniel W. Birch</td>
<td>Bard Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Bristol Myers Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Program grant Educational grant</td>
<td>Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>J&amp;J/EES Program grant Educational grant</td>
<td>Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stryker Program grant Educational grant</td>
<td>Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Desmond H. Birkett</td>
<td>Endodynamics, Inc No fees or salary</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medical surgical Technologies Ltd No fees or salary received Advisory Committee</td>
<td>Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Microlink Surgical, Inc Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>James G. Bittner</td>
<td>Cook Medical Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Davol Research Consultant</td>
<td>Principal Investigator</td>
<td>Planning Committee/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>EnteroMedics Research Consultant</td>
<td>Principal Investigator</td>
<td>Planning Committee/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Richard Boyd</td>
<td>Lockheed Martin Salary</td>
<td>Management Position</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Stacy A. Brethauer</td>
<td>Covidien Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Endo-Surgery Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Joel Brill</td>
<td>Early Bird Alert Ownership Interest</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>EndoChoice Ownership Interest</td>
<td>none</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Given Imaging Ownership Interest</td>
<td>none</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Fredrick J. Brody</td>
<td>Covidien Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer/Faculty/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer/Faculty/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Medtronic Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer/Faculty/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Nutricia North America Royalty</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer/Faculty/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Omnipath Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer/Faculty/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>Transenterix Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer/Faculty/Reviewer</td>
<td>Reviewer</td>
</tr>
<tr>
<td>Jo Buyske</td>
<td>American Board of Surgery Salary</td>
<td>Employment</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Diego R. Camacho</td>
<td>Covidien Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Alfredo M. Carbonell</td>
<td>Ethicon Inc Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>W.L. Gore and Associates Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>W.L. Gore and Associates Consulting Fee</td>
<td>Consulting Fee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Gustavo L. Carvalho</td>
<td>Karl Storz Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>SILUMED Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Leandro T. Cavazzola</td>
<td>Covidien, Johnson &amp; Johnson, Bard Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></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>Gore</td>
<td></td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</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, Tuttlingen, 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>P.I 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 Committee</td>
<td>Faculty</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 Committee</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>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>
<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>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></td>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cook</td>
<td>Consulting Fee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>KCI</td>
<td>Consulting Fee</td>
<td>Faculty</td>
<td></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>Abe L. Fingerhut</td>
<td>NovoGI</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon Endosurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Reviewer</td>
</tr>
<tr>
<td>Lauren J. Fischer</td>
<td>Aesculap</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td></td>
</tr>
<tr>
<td>Morris E. Franklin Jr</td>
<td>Atrium</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cook</td>
<td>Consulting Fee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>KCI</td>
<td>Consulting Fee</td>
<td>Faculty</td>
<td></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></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></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></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>Ethicon EndoSurgery</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td></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></td>
<td>Bard Davol</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
</tr>
<tr>
<td></td>
<td>John A. Hagen</td>
<td>J&amp;J, Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching/Faculty/Reviewer</td>
</tr>
<tr>
<td></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></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>
<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>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/Daval</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</td>
<td>Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Lifecell</td>
<td>Stock</td>
<td>Stock Holder</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Synovis</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Bard/Daval</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Lifecell</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Synovis</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>WL Gore</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Bard/Daval</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Consulting Fee</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty</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>Consulting Fee</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. Iannetti</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>Telesflex 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. Kuwada</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>Mire Surgical</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Reviewer</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>Robert B. Lim</td>
<td>UptoDate Royalty, Honoraria</td>
<td>Independent contractor</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>John G. Linn</td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Research funding</td>
<td>Support coordinator for prospective study</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WL Gore Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Olle Ljungqvist</td>
<td>Danane Research Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></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 Unrestricted Educational Grant</td>
<td>Member of academic research group</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Martin A. Makary</td>
<td>Bloomsbury US Royalty</td>
<td>Book “Unaccountable”</td>
<td>Faculty/Presenter</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lippincott Honoraria</td>
<td>Book “Surgery Review”</td>
<td>Faculty/Presenter</td>
<td></td>
</tr>
<tr>
<td>Gregory J. Mancini</td>
<td>Bard Davol Research</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Consulting Fee</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LifeCell Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>Peter W. Marcello</td>
<td>Applied Medical Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Jeffrey M. Marks</td>
<td>apollo endosurgery Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Merck Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WL Gore Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Jose M. Martinez</td>
<td>Boston Scientific Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lifecell Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></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 Research</td>
<td>Principal Investigator</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WL Gore &amp; Assoc Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WL Gore, Inc Research</td>
<td>Co-investigator on multicentered, prospective, longitudinal clinical trial</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Elisabeth C. McLemore</td>
<td>Applied Medical Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cubist Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Endosurgery</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Genomic Health Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Novadeq Honoraria</td>
<td>fluorescent imaging</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Stephen S. McNatt</td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
<td></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>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></td>
<td>W L Gore</td>
<td>Research</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>Hologic 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 fellowship program</td>
<td>Fellowship Program Director</td>
<td>Faculty</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>Raymon 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 Radiology</td>
<td>Planning Committee/Faculty/Reviewer</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 Research</td>
<td>PI</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Given Imaging</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Tornax Medical Inc</td>
<td>Research</td>
<td>PI</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Melissa Susan Phillips</strong></td>
<td>Allergan Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Cook Medical</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>LifeCell, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Richard A. Pierce</strong></td>
<td>CareFusion Salary</td>
<td>Wife is Employed by CareFusion-Pyxis Med Distribution System Division</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>Synovis</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Alessio Pigazzi</strong></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Intuitive Surgical</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Alfons Pomp</strong></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>W.L. Gore and Associates</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Jaime Ponce</strong></td>
<td>Alergan Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Reshape Medical</td>
<td>Research</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Todd Ponsky</strong></td>
<td>Stryker Endoscopy Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>teleflex</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>Teleflex &amp; Stryker</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Aurora Dawn Pryor</strong></td>
<td>Barosense Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewers</td>
<td></td>
</tr>
<tr>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty/Reviewers</td>
<td></td>
</tr>
<tr>
<td>Transenterix</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewers</td>
<td></td>
</tr>
<tr>
<td><strong>Carla Marie Pugh</strong></td>
<td>CAE Healthcare Royalty</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>CAE Healthcare</td>
<td>Royalty</td>
<td>Patent holder</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Archana Ramaswamy</strong></td>
<td>covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Bruce J. Ramshaw</strong></td>
<td>B. Braun Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Covidien</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>MTF</td>
<td>Research</td>
<td>Grant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Novus</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>STS</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>WL Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>David W. Rattner</strong></td>
<td>Olympus Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>TransEnterix</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Kevin M. Reavis</strong></td>
<td>Endogastric Solutions Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Ethicon</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Stryker</td>
<td>No compensation received to date</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>WL Gore</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Jay A. Redan</strong></td>
<td>Cadence Pharma Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Covidien</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Genzyme Biosurgery</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Johnson and Johnson</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Pacira Pharmaceuticals</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>David B. Renton</strong></td>
<td>covidien Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Stryker</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>William O. Richards</strong></td>
<td>PAIX Medical Ownership Interest</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Kurt E. Roberts</strong></td>
<td>Novatract IP Rights</td>
<td>Co-founder</td>
<td>Faculty</td>
<td></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 Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy Research</td>
<td>Principal Investigator</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Medtronics, Inc Research</td>
<td>Principal Investigator</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Michael J. Rosen</td>
<td>Davol Grant Research Grants</td>
<td></td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Davol Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lifecell Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>W.L.Gore Grant</td>
<td>Research Grant Support</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Raul J. Rosenthal</td>
<td>baxter Educational Grant conferences</td>
<td>Planning Committee/Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>covidien Educational Grant conferences</td>
<td>Planning Committee/Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ethicon Educational Grant conferences</td>
<td>Planning Committee/Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>storz endoscopy Educational Grant</td>
<td></td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>conferences</td>
<td>Planning Committee/Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sharon B. Ross</td>
<td>Covidien Consulting Fee Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Merck consultant Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Honoraria</td>
<td>Speaking/Teaching Faculty</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>James C. Rosser Jr</td>
<td>Ethicon Consulting Fee Consultant</td>
<td>Faculty</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>stealth learning company Ownership Interest</td>
<td>Employment</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stryker Research</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>John Scott Roth</td>
<td>Allergan Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CR Bard Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>CR Bard Research</td>
<td>Investigator</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LifeCell Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MTF Research</td>
<td>Investigator</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>New Wave Surgical Honoraria</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td>Barry A. Salky</td>
<td>Cook Medical Ownership Interest</td>
<td>Independent Contractor</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>cook Medical 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>
<td></td>
</tr>
<tr>
<td></td>
<td>Deliverance LTD Stock</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Jaime Eduardo Sanchez</td>
<td>Cubist Pharmaceuticals Honoraria</td>
<td>Speaking/Teaching Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Salix Pharmaceuticals Honoraria</td>
<td>Speaker/Training and Independent Training Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Salim Pharmacuticals Honoraria and Consulting Fee</td>
<td>Speaker/Training and Independent Training Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td>Ganesh Sankaranarayanan</td>
<td>Endosim LLC Undergraduate Student Support</td>
<td>Undergraduate Student Support</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>simulaid Inc Undergraduate Student Support</td>
<td>Undergraduate Student Support</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Fernando Santos</td>
<td>Northwestern University Ownership Interest; no financial income to date</td>
<td>Patent applicant and potential future licensing/ownership interests related to simulator</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Richard M. Satava</td>
<td>InTouch Technologies, Inc minor amount of stock</td>
<td>Investor</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical Inc Research</td>
<td>Principle Investigator on a grant from Intuitive Surgical</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intuitive Surgical Inc Unrestricted educ. grant through MIRA robotic society to develop curriculum</td>
<td>Principal Investigator of the grant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>King Saud University Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td>Bruce D. Schirmer</td>
<td>Allurion Inc Advisory Board</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Allurion Inc stock</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td>Christopher M. Schlahta</td>
<td>Ethicon Honoraria Advisory Committee</td>
<td>Planning Committee/Faculty/Presenter/Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Canada Consulting Fee Advisory Committee</td>
<td>Planning Committee/Faculty/Presenter/Reviewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Minogue Medical Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Presenter/Reviewer</td>
<td></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>Steven D. Schwartzberg</td>
<td>Acuity Bio</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Cambridge Endo</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Endocore</td>
<td>Consulting Fee</td>
<td>Independent Contractor</td>
<td>Planning Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>MTFI</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>MMDI</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Neatstitch</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Stryker</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/ Faculty</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Surgiquest</td>
<td>Ownership Interest</td>
<td>Advisory Committee</td>
<td>Planning Committee/ Faculty</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Daniel J. Scott</td>
<td>Acceleated Technologies, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Covidiien</td>
<td>Lab Equipment sponsored research, advisory panel, teaching</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Ethicon</td>
<td>Lab Equipment sponsored research</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td>Karl Storz Endoscopy</td>
<td>Lab Equipment Support sponsored research</td>
<td>Planning Committee/Faculty/Reviewer</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>Niazy M. Selim</td>
<td>Covidiien</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>Don J. Selzer</td>
<td>Cook Biotech</td>
<td>Consulting Fee</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty</td>
</tr>
<tr>
<td>Anthony J. Senagore</td>
<td>Cubit 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>Nestles</td>
<td>Will be receiving an institutional unrestricted grant for research in immunonutrition research</td>
<td>Researcher</td>
<td>Faculty</td>
</tr>
<tr>
<td>Phillip P. Shadduck</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/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>Paresh C. Shah</td>
<td>Olympus</td>
<td>Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td></td>
<td>stryker</td>
<td>Honoraria</td>
<td>Advisory Committee</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td></td>
<td>Suturtex</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td></td>
<td>transenterix</td>
<td>Ownership Interest</td>
<td>Consultant</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td></td>
<td>Ventrafix</td>
<td>Ownership Interest</td>
<td>Management Position</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td>Bethany Slater</td>
<td>Karl Storz</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Presenter</td>
</tr>
<tr>
<td>C. Daniel Smith</td>
<td>Torax Medical, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td></td>
<td>Torax Medical, Inc.</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td></td>
<td>ValenTx, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/ Faculty</td>
</tr>
<tr>
<td>Stuart Jon Spechler</td>
<td>Takeda Pharmaceuticals, Inc.</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td>Steven C. Stain</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>Scott Russell Steele</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><strong>Dimitrios Stefanidis</strong></td>
<td>Bard Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Gore Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Sharon L. Stein</strong></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon Consulting Fee</td>
<td>Advisory Committee</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Nathaniel Floyd Nicolás Stoikes</strong></td>
<td>Bard Davol Research</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Lee L. Swanstrom</strong></td>
<td>Boston Scientific Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Navatrac Surgical Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Patricia Sylla</strong></td>
<td>Applied Medical Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Navatrac Surgical Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Samuel Szomstein</strong></td>
<td>Covidien Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ethicon EndoSurgery Honoraria</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Mark A. Talamini</strong></td>
<td>Ethicon Endosurgery Honoraria</td>
<td>Consultant</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Ali Tavakkoli</strong></td>
<td>Avaxia Biologics Ownership Interest</td>
<td>Previously on the advisory board</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GSK Research</td>
<td>Research support</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Dana Alexa Telem</strong></td>
<td>Ethicon (J&amp;J) Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Julie K. Thacker</strong></td>
<td>Premier Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Christopher C Thompson</strong></td>
<td>Apollo Endosurgery Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Apollo Endosurgery Research</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Barosense Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Beacon Endoscopic Ownership Interest</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Boston Scientific Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Equipment loan.</td>
<td>Consultant</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Thadeus L. Trus</strong></td>
<td>Olympus Consulting Fee</td>
<td>Consultant</td>
<td>Planning Committee/Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Shawn T. Tsuda</strong></td>
<td>LifeCell Corporation Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Michael B. Ujiki</strong></td>
<td>Apollo Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>GORE Honoraria</td>
<td>Speaking/Teaching</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Olympus Consulting Fee</td>
<td>Consultant</td>
<td>Faculty/Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Kent R. Van Sickle</strong></td>
<td>Covidien Honoraria</td>
<td>Speaking/Teaching</td>
<td>Planning Committee/Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Melina C. Vassiliou</strong></td>
<td>Covidien Consulting Fee</td>
<td>Funding for Research Lab</td>
<td>Research</td>
<td>Faculty</td>
</tr>
<tr>
<td><strong>Richard M. Vazquez</strong></td>
<td>Single Point of Truth Medical Software, LLC Ownership Interest</td>
<td>Owner with 51% interest as owner and owner of intellectual property.</td>
<td>Planning Committee/Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Sivamainthan Vithianathan</strong></td>
<td>Bard Davol Consulting Fee</td>
<td>Consultant</td>
<td>Reviewer</td>
<td></td>
</tr>
<tr>
<td><strong>Guy R. Voeller</strong></td>
<td>CR Bard Hourly Pay/Grant</td>
<td>Consultant/Reviewer/Speaker/Research</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td></td>
<td>WL Gore Hourly Pay</td>
<td>Speaking/Teaching</td>
<td>Faculty</td>
<td></td>
</tr>
<tr>
<td><strong>Danielle S Walsh</strong></td>
<td>Ethicon Honoraria</td>
<td>Speaking/Teaching</td>
<td>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>Cadevion</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>Incontinence Devices Inc</td>
<td>Consulting Fee</td>
<td>Consultant</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 America 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></td>
<td><strong>Mark H. Whiteford</strong></td>
<td>Cadevion</td>
<td>Honoraria</td>
<td>Speaking/Teaching</td>
</tr>
<tr>
<td></td>
<td>Richard Wolf Medical Instruments</td>
<td>Consulting Fee</td>
<td>Consultant</td>
<td>Faculty</td>
</tr>
<tr>
<td></td>
<td><strong>Erik B. Wilson</strong></td>
<td>Ethicon Endo-Surgery</td>
<td>Consulting Fee</td>
<td>Speaking/Teaching</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></td>
<td><strong>Natan Zundel</strong></td>
<td>apollo</td>
<td>Honoraria</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Applied</td>
<td>Advisory Committee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CineMed</td>
<td>Honoraria</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Covidien</td>
<td>Honoraria</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Ethicon Endosurgery</td>
<td>Honoraria</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Olympus</td>
<td>Consulting Fee</td>
<td>Planning Committee/Faculty/Reviewer</td>
</tr>
</tbody>
</table>

SAGES Faculty and Presenter Disclosures
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 Tieng-Foong, MD, Sum Shao-Yin, MD, Loi Chiao-Man, MD, Chio U-Chon, MD; Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, Ban Ciao, Taipei, Taiwan

P011 REVISION OF PRIMARY SLEEVE GASTRECTOMY TO ROUX-EN-Y GASTRIC BYPASS, INDICATIONS AND OUTCOMES FROM A HIGH VOLUME CENTER  
Robert A Casillas, MD, Jorge Zelada Getty, MD, Scott S Um, MD, Benjamin B Kim, MD; Kaiser Permanente West Los Angeles

P012 VARIATION IN NATIONAL DRG PAYMENTS FOR LAPAROSCOPIC CHOLECYSTECTOMY: HOSPITAL LEVEL ANALYSIS  
Pushwaz Virk, MD, Charudutt Paranjape, MD; Akron General Medical Center, Akron, OH

P013 FEASIBILITY OF TRANSRECTAL HYBRID-NOTES ANTERIOR RESECTION FOR DIVERTICULAR DISEASE  
Sebastian H Lamm, MD, Andreas Zerz, MD, Isabell Schmitz, Daniel C Steinemann, MD; Cantonal Hospital Baselland, Department of Surgery, CH-4101 Bruderholz, Switzerland

P014 MANOS PROCTOCOLECTOMY AND Ileo pouch Anal Anastomosis for Ulcerative Colitis  
Marta M Tasende Presedo, MD, Salvador Delgado, MD, Gabriel G Diaz Del Gobbo, MD, Maria Fernandez, MD, Jaume Balust, MD, Dulce Momblan, MD, Raquel Bravo, MD, Antonio M de Lacy, PhD, MD; Department of Gastrointestinal Surgery, Institute of Digestive and Metabolic Diseases, Hospital Clinic, IDIBAPS, Centro de Investigacion Biomédica en Red de Enfermedades Hepáticas y Digestivas [CIBERehd], Centro Esther Koplowitz, University of Barcelona

P015 THE “JULY PHENOMENON”: EXPERIENCE AT A COMMUNITY TEACHING HOSPITAL  
Stephen Jones, MD, Peter DeVito, MD, FACS; Northside Medical Center

P016 THE EFFICACY AND ADVANTAGES OF LAPAROSCOPIC-ASSISTED GASTRECTOMY IN ADVANCED GASTRIC CANCER  
Liangang Ma, Dr, Hongqing Xi, Dr, Lin Chen, Dr; Chinese People’s Liberation Army General Hospital

P017 A COMPARISON OF OPERATIVE TIME OUTCOMES IN LAPAROSCOPIC AND OPEN PROCEDURES  
Sara L Zettervall, MD, Richard Amdur, PhD, Kashoyar Yaziri, MD, FACS; Department of Surgery, George Washington University School of Medicine and Health Sciences, Washington, DC
<table>
<thead>
<tr>
<th>Poster Listing</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>P039 PRIMARY ANASTOMOSIS WITH INTRAOPERATIVE COLONIC IRRIGATION IN GENERALIZED PERITONITIS DUE TO LEFT COLORECTAL OBSTRUCTION</strong></td>
</tr>
<tr>
<td>Jinsoo Jung, MD, Jose Hwang Kim, MD, PhD, Song Hun Jung, MD, PhD, So Hyun Kim, MD, PhD, Ji Yong Lim, MD, Mun-Jung Roh, YeungNam University Medical Center.</td>
</tr>
<tr>
<td><strong>P041 SINGLE PORT LAPAROSCOPIC COLORECTAL SURGERY SHOWS NO DRAWBACKS COMPARED TO STANDARD LAPAROSCOPIC SURGERY: RESULTS OF A CASE MATCH STUDY</strong></td>
</tr>
<tr>
<td>Grace Montenegro, MD, Joseph Frenkel, MD, Margaret Shields, Gerald Marks, MD, John Marks, MD; Lankenau Medical Center.</td>
</tr>
<tr>
<td><strong>P043 “MAYPOLE” SMALL BOWEL OBSTRUCTION FROM JACKSON PRATT DRAIN</strong></td>
</tr>
<tr>
<td>Darshak Shah, MD, MBBS, Howard Tissenkel, MD, Ashish Padhani, MD, MBBS, Saurabh Sharma, MD, MBBS; New York Hospital Queens, New York.</td>
</tr>
<tr>
<td><strong>P045 ATYPICAL PRESENTATION OF APPENDICEAL ADENOCARCINOMA – CASE STUDY AND REVIEW OF LITERATURE</strong></td>
</tr>
<tr>
<td>Andrew Nowakowski, OMS, Venkata K Kella, MD, Eric Balzano, MD, Harder S Panhari, MD, FACS, Jasbir S Makar, MD; Weirton Medical Center, Weirton, WV 26062.</td>
</tr>
<tr>
<td><strong>P047 CASE-MATCHED STUDY OF SHORT-TERM OUTCOMES AND COST ANALYSIS BETWEEN SIMPLIFIED HAND-ASSISTED LAPAROSCOPIC (TOTALLY THREE-PORT APPROACH) AND OPEN SURGERY</strong></td>
</tr>
<tr>
<td>Nathawat Phothong, Thawatchai Akaraviputh, Vitoon Chinswangwatanakul, PhD, Voraboot Taweewutcharana, Asada Metasate, Jirawat Swangsri, Thanyadej Nimmawanudung, Auttoporn Trakarnsangsa; 1Minimally Invasive Unit, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand. 2Department of Surgery, Panyannaphakhikkhu Chonprathan Medical Center, Sirnakarinrinarat University, Nonthaburi, Thailand.</td>
</tr>
<tr>
<td><strong>P049 EMERGENCY Versus ELECTIVE COLORECTAL RESECTIONS FOR MALIGNANCY: A SINGLE CENTRE EXPERIENCE</strong></td>
</tr>
<tr>
<td>M A Gok, PhD, K I Malik, A Jaff, M M Sadat, S J Ward, U A Khan; Macclesfield District General Hospital.</td>
</tr>
<tr>
<td><strong>P051 SACRAL NERVE STIMULATOR USE IN A PATIENT WITH LOW ANTERIOR RESECTION SYNDROME</strong></td>
</tr>
<tr>
<td>J Ryan Williams, MD, Michael C Grieco, MD, Jaime E Sanchez, MD, MSPH, Jorge E Marcat, MD, Sowin Rsheheid, MD; University of South Florida Department of Colan and Rectal Surgery.</td>
</tr>
<tr>
<td><strong>P053 LAPAROSCOPIC TOTAL COLECTOMY FOR REFRACTORY ULCERATIVE COLITIS: PROSPECTIVE SINGLE-PORT VERSUS MULTI-PORT COMPARATIVE COHORT AND CASE CONTROL ANALYSIS.</strong></td>
</tr>
<tr>
<td>J Burke, Dr, Desmond Toomey, Frank Reilly, J Deasy, D McNamara, Ronan A Cahill, MD; Beaumont Hospital, Dublin, Ireland.</td>
</tr>
<tr>
<td><strong>P055 IS THERE A ROLE FOR LAPAROSCOPIC SURGERY IN RECURRENT CROHN’S DISEASE?</strong></td>
</tr>
<tr>
<td>Erman Aytaç, Fazlı C Gezen, David W Dietz, Meagan M Costedio, Luca Stocchi, Emre Gorgun; Department of Colorectal Surgery, Digestive Disease Institute, Cleveland Clinic, Ohio.</td>
</tr>
<tr>
<td><strong>P057 ROBOTIC VERSUS LAPAROSCOPIC SINGLE PORT ANTERIOR RESECTION FOR SIGMOID COLON CANCER Min Soo Cho, Byung Soh Min; Yonsei University Health System.</strong></td>
</tr>
<tr>
<td><strong>P059 SHORT-TERM RESULTS OF LAPAROSCOPIC PELVIC SIDEWALL DISSECTION FOR LOW RECTAL CANCER Mosagaki Itou, Akihito Kobayashi, Yusuke Nishizawa, Norio Saito; National Cancer Center Hospital East.</strong></td>
</tr>
<tr>
<td><strong>P061 LAPAROSCOPIC SURGERY TRAINING PROGRAM FOR RESIDENTS: EXPERIENCE IN LATINAMERICA. Vicente Gonzalez-Ruiz, MD, Miguel D Santana, MD, David Valadez-Caballero, MD; Mexico City General Hospital / High Speciality Regional Hospital Zumpango.</strong></td>
</tr>
</tbody>
</table>
| **P062 DEVELOPMENT OF A STANDARDIZED TRAINING COURSE FOR LAPAROSCOPIC PROCEDURES USING A DELPHI METHODOLOGY** M.s. Bethlehem, MD, M.j. van Det, MD, PhD, H.o. ten Cate Hoedemaker, MD, N.j.g.m. Veeger, PhD, J.p.e.n. Piefe, Prof; Medical Center Leeuwarden, University Medical Center Groningen. | }
P063 PREPARING RESIDENTS FOR THE FLS SKILLS EXAM: A COMPETITION BASED APPROACH
Gregory S Peicer, MD
General Surgery, Resident, William 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 Okrane, MD, MHPE; Division of General Surgery, University Health Network, University of Toronto; Temerty/Chan 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 Zannegar, 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, Omaire Rodriguez, MD, Renata Sanchez, MD, Valentina Boez, MD, Oriana Salamo, MD, Luis Medina, MD; ROBOTIC AND MINIMALLY INVASIVE CENTER - LA FLORESTA MEDICAL INSTITUTE, ROBOTIC SURGERY PROGRAM - UNIVERSITY HOSPITAL OF CARACAS

P068 ASSESSMENT OF PERFORMANCE DURING ADVANCED LAPAROSCOPIC FELLOWSHIP- A SINGLE SUBJECT DESIGN
Iman Ghaderi, MD, MSc, Toon Soo Park, PhD, Lauriane Auvergne, BBA, Timothy M Farrell, MD; University of North Carolina, Chapel Hill, NC

P069 SUPERIORITY OF 3D IMAGING IN ENDOSCOPIC SURGERY TRAINING
Yukiaki Fuji, MD, Yoji Nishizawa, PhD, Akihiro Kondo, MD, Masao Fujiwara, 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, Toshiaki Shichinohe, MD, PhD, Satoshi Hirano, MD, PhD; Hokkaido University

P072 THE EFFECT OF CAFFEINE ON LAPAROSCOPIC SKILLS PERFORMANCE IN SIMULATED SETTINGS
Vincent Quan, BSc, Badiya S Alaraimi, MD, Walid Elbakbak, MSc, Amina Bouhelal, MSc, Ana Gaviria, 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 Bilagic, 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 Dallamagne, MD, Lee Swanstrom, MD, Jacques Marescaux, MD, Silvana Perretta, MD; IRCAD-IHU, University of Strasbourg, France

P077 ASSESSMENT OF MEDICAL STUDENT LAPAROSCOPIC SKILLS USING VIRTUAL REALITY AND FUNDAMENTALS OF LAPAROSCOPIC SURGERY™ TASKS
Erica Sutton, MD, Craig Ziegler, MS, Kevin Martin, BS, Stuart Crawford, BS, Matthew Golden, MD, J David Richardson, MD; Hiram C. Polk, Jr, MD Department of Surgery, University of Louisville School of Medicine, Louisville, KY

P078 THE SUCCESSFUL DEVELOPMENT AND IMPLEMENTATION OF A NOVEL, ACUTE CARE SURGICAL SIMULATION PATHWAY TRAINING CURRICULUM
Kiyoyuki W Miyasaka, MD, Joseph M Buchholz, BS, Niels D Martin, MD, FACS, Denise LaMarra, MS, Noel N Williams, MB, BCH, MCh, FRCSI, FRCS, Jon B Morris, MD, Rajesh Aggarwal, MD, PhD, MA, FRCS; Perelman School of Medicine at the University of Pennsylvania

P079 ADVANCES IN SURGICAL EDUCATION: USING THE IPAD AND ITUNES 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, Badiya S Alaraimi, Dr, Bijendra Patel, Mr; Barts Cancer Institute Queen Mary University of London

P082 LAPAROSCOPIC SKILLS, LIKE RIDING A BIKE OR YOU LOSE WHAT YOU DO NOT USE?
Amina Bouhelal, Dr, Walid Elbakbak, Dr, Badiya Alaraimi, Dr, Bijendra Patel, Mr; Barts Cancer Institute Queen Mary University of London

P083 OUTCOMES OF RESIDENT VERSUS FELLOW ASSISTED BARIATRIC SURGERY
Patrick E Emasters, 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 T Jackson, MD, Ezra Teitelbaum, MD, Matt Holzner, BS, Jason Weissler, BS, Amudt 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 Waldal Elbakbak, MB, BCh, MSc, Amina Bouhelal, MB, BCh, MS, Badriya Alariami, KRCS, Bjendra Patel, FRCS; Barts Cancer Institute, 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, Juscielle S Barros, Ingrid L V. Rodrigues, Yuki C Kionishi, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

P089 HAND DOMINANCE MATTERS FOR NOVEL LAPAROSCOPIC TASK PERFORMANCE Anton Simarov, MD, Chung-Kai Huang, MS, Dmitry Olevnikov, MD, FACS, Ka-Chun Siu, PhD; Department of Surgery, Center for Advanced Surgical Technology, School of Allied Health Professions, University of Nebraska Medical Center, Omaha, NE, USA

P090 EVALUATING THE LEARNING CURVE OF NO PREVIOUS EXPERIENCED LAPAROSCOPIC SURGEON IN LAPAROSCOPY ASSISTED DISTAL GASTRECTOMY (LADG) Makoto Shirai, Yoshito Kiyasu, Shigehiko Yagi; Ehime Prefectural Medical Center Digestive surgery

P091 ASSESSMENT OF BASELINE DA VINCI SKILL SETS AND KNOWLEDGE IN A ROBOT 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, Ilana 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 Alexandre I Blädisel, 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 Laparoscopic and Bariatric Surgery, Dewitt-Daughtry Family Department of Surgery, University of Miami Miller School of Medicine, Miami, FL 33136, USA

P095 LEARNING EFFICACY BETWEEN A 30° RIGID SCOPES AND A FLEXIBLE SCOPES 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. Chang, MD, Melinda Hawkins, MD, Michelle E. Murday, MD, John A. Griffin, MD; ST MARK’S HOSPITAL, SALT LAKE CITY, UT

P097 THE PREOPERATIVE ENDOCARDIAL DRAINAGE IN THE MALIGNANT OBSTRUCTIVE JAUNDICE Konstantinos S. Mammas, MD, MSc, PhD, Demetrios S Lappas, PhD, Andreas Polydorou, PhD, Vasileios Smyrniotis, PhD, National and Kapodistrian University of Athens, Aretaieion University Hospital of Athens, Surgical Laboratory Prof.C. Toufants

P098 PER-ORAL ENDOSCOPIC MYOTOMY (POEM) FOLLOWING PREVIOUS LAPAROSCOPIC HELPER MYOTOMY IS FEASIBLE AND SAFE IN A PORCINE SURVIVAL MODEL Andrew S Kastenmeier, MD, Luke Miles, BS, Matthew Frelich, MS, Kulwinder Du, 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, Takuma Kikkawa**, MD, PhD, Tamami Isaka**, MD, PhD, Maeda Hideruki**, MD, Sakamoto Kei**, MD, Sayaka Katagiri**, MD, Junko Kawata**, MD, Kunihiro Oyama**, MD, PhD, Takamasa Onuki**, MD, PhD, Osamu Segawa**, MD, PhD; Department of Surgery, Division of Thoracic Surgery**, Division of Pediatric Surgery**, Tokyo Women’s Medical University, Tokyo, JAPAN

P100 UNIVARIATE AND MULTIVARIATE ANALYSES OF PREOPERATIVE FACTORS INFLUENCING SYMPTOMATIC OUTCOMES OF TRANSORAL FUNDOPLETION Ragnild CW Bell, MD, FACS, Mark A Fox, MD, FACS, William E Barnes, MD, FACS, Peter G Mavrelis, MD, Robert W Sewell, MD, FACS, Bart J Carter, MD, FACS, Glenn M Ihde, MD, Karim S Trad, MD, FACS, David Dargis, DO, Kevin M Hoddinott, MD, FACS, Katherine D Freeman, MSN, NP, Tanja Gunsberger, DO, MD, G Hauksson, MD, FACS, Brian DaCosta Gill, MD, FACS, Erik Wilson, MD, FACS; SurgOne Foreut Institute, Englewood, Colorado; Crossville Medical Group, PA, Crossville, Tennessee; Livingston Hospital and Healthcare Services, Inc. CAH, Salem, Kentucky; Internal Medicine Associates, Merrillville, Indiana

P101 ANTIGRADE WIRE, RENDEZVOUS CANNULATION OF THE BILIARY TREE MAY REDUCE THE INCIDENCE OF POST-ERCP PANCREATITIS Ryan M Juza, MD, Randy S Haluck, MD, Ann M Rogers, MD, Jerome R LynSue, MD, Eric M Pauli, MD; Penn State Milton S. Hershey Medical Center

P102 TWO-STAGE OPTICAL SYSTEM FOR COLORECTAL POLYP ASSESSMENT. Miroslaw Szura, PhD, Krzysztof Bucki, PhD, Artur Pasternak, PhD, Andrzejj Matyjka, PhD, Jan Kulig, PhD; Jagiellonian University

P103 INTRAOPERATIVE ENDOCOPY MAY DECREASE POST OPERATIVE LEAK & STENOSIS IN GASTRIC BYPASS AND SLEEVE GASTRECTOMY Mohamed B Al Hadad, MD, Nidal Dehni, MD, Abdelrahman A Nimeri, MD; Division of general, thoracic and vascular surgery Sheikh Khalifa Medical City managed by Cleveland clinic

P104 IMPLEMENTATION OF DIRECT PERORAL CHOLEANGIOSCOPY FOR COMMON BILE DUCT STONES Jonathan Leunbach, MD, Jan M Krzak, MD, Einar Pohle, MD, PhD; Department of Surgery, Viborg Hospital, Viborg, Denmark

P105 TAILORED MINIMALLY INVASIVE TREATMENT OF BILIARY LEAKS Jan M Krzak, MD, Ada M Krzak, Poul Bak Thorsen, MD, PhD, Miroslaw Szura, MD, PhD, Lars Stig Jorgensen, MD; Department of Surgery, Sygehus Lillebaelt, Kolding, Denmark
Poster Listing

P106 ENDOSCOPIC MANAGEMENT OF POSTOPERATIVE ESOPHAGEAL STRICTURES Edip Alpinar, MD, Sheila C. Marmolinos, MD, Mohamed S. Alshal, MD, Jc Jimenez, MD, D Horkan, MD, Ja Astudillo, MD, Jose M. Martinez, MD, FACS; Department of Laparoscopic Endoscopic Surgery, University of Miami, Miami, FL

P107 CASE REPORT: USE OF A STENT TO TREAT A COLONIC ANASTOMOSTIC LEAK Sarah J Lippert, MD, Philip L Leggett, MD, Howard B Hamat, MD, Javier Nieto, MD; The University of Texas Medical School at Houston

P108 SEDATION AND BOWEL PREPARATION FOR COLONOSCOPY IN ELDERLY: A NATIONWIDE SURVEY IN IRELAND, Hytham Hamid, Mr, Adeel Zafar, Mr, Brian Egan, Dr, Luke O’Donnell, Dr, Iqbal Khan, Mr; Departments of Surgery and Gastroenterology, Mayo General Hospital, Ireland.

P109 SURGICAL OUTCOMES OF LATERAL TRANSPERITONEAL ADRENALECTOMY AND POSTERIOR RETROPERITONEOSCOPIC ADRENALECTOMY IN CONSECUTIVE PATIENTS BY A SINGLE SURGEON Young Jun Chai¹, MD, Soon Young Tae¹, MD, Heeseung Lee¹, Yong Joon Suh¹, MD, Jung-Woo Woo¹, MD, Se Hyun Paek¹, MD, Su-jin Kim¹, MD, Jun Young Choi², MD, Kyu Eun Lee¹, MD, PhD, Yeokyu You¹, 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

P110 SELF EXPANDABLE METAL STENTS (SEMS) AS AN ALTERNATIVE TREATMENT OPTION IN PERFORATED DUODENAL ULCERS, COMPARISON WITH SURGERY Per-Ola Park, Professor, Jorge Alberto Arroyo Vázquez, MD, Gina Nesouli, MD, Maria Bergstrom, MD, PhD; Dept of Surgery, South Alvsborg Hospital, Boras, Sweden, Gothenburg University, Gothenburg Sweden

P111 ECONOMIC IMPACT OF PER ORAL ENDOSCOPIC MYOTOMY VERSUS LAPAROSCOPIC HELLER MYOTOMY AND ENDOSCOPIC PNEUMATIC DILATION Michael P Meara, MD, MBA, Kyle A Perry, MD, Jeffery W Hazey, MD; The Ohio State University Wexner Medical Center

P112 PERCUTANEOUS ENDOSCOPIC GASTROSTOMY FOR PROLONGED ILEUS AND NON-MALIGNANT OBSTRUCTION Christopher R Daigle, MD, Eric Marcotte, MD, Ricard Corcelles, MD, Kevin ElHayek, MD, Matthew Kroh, MD, Stacy Brethauer, MD; Cleveland Clinic Main Campus, Cleveland, Ohio

P113 TRANSGASTRIC ENDOSCOPY-ASSISTED FOREIGN BODY REMOVAL John Henry Y Pang, MD, Zachary A Kanouse, MD, Irving L Bernardo, MD, Farah Karipineni, MD, Kevin Nguyen, MD, Alfred C Trang, MD, FACS, Ramsey M Dallal, MD, FACS, Ian S Soriano, MD, FACS; Albert Einstein Medical Center

P114 RISK FACTORS OF FECAL DIVERSION FOR COLONOSCOPIST PERFORATION: A REVIEW OF 35,361 ENDOSCOPIC PROCEDURES Kampol Toemakharathaworn, MD, Voraboot Taweeruchana, Jirawat Swangsi, Thawatchai Akaraviputh, Asada Methasote, Vitoon Chinswangwatanakul, Thanyindee Nimmanwudipong, Athaphom Trakamsunga; Minimally Invasive Unit, Department of Surgery, Faculty of Medicine Siriraj Hospital, Mahidol University, Bangkok, Thailand.

P115 ENDOSCOPIC PROXIMAL GASTROPLASTY FOR OBESITY USING A NOVEL FULL-THICKNESS SUTURING DEVICE Lee L Swofford, MD, Andrea Legner, MD, Peter Halvax, MD, Aron Altorkay, MD; Institute Hopitaux Universitaires - Strasbourg, France; St George Hospital, Szekesfehervar, Hungary

P116 FAST ACCESS TO THE COMMON BILE DUCT DURING ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAVY, OUR EXPERIENCE WITH A DOUBLE WIRE TECHNIQUE. I Andreas Astudillo, MD, Jean Carlos Jimenez, MD, Jose M Martinez, MD; University of Miami, Department of Laparoscopic Endoscopic Surgery, Miami, FL

P117 ENDOSCOPIC ARGON PLASMA COAGULATION CAN ALLEVIATE DYSPAGIA FROM MALIGNANT ESOPHAGEAL MASSES Reiner F Narvaez, MD, Matthew Y Lin, MD, John P Cello, MD, Stanley J Rogers, MD, University of California, San Francisco

P118 A NOVEL ENDOSCOPIC APPROACH TO MANAGING HIGH OUTPUT ENTERO-ATMOSPHERIC FISTULAE Sean B Orenstein, MD, Yushima V Wu, MD, Eric M Pauli, MD, Tung Tran, MD, Randy S Haluck, MD, Yuri W Novitsky, MD, Jeffrey M Hardacre, MD, John B Ammori, MD, Edmond Sanchez, Jeffrey L Ponsky, MD, Jeffrey M Marks, MD; Department of Surgery, University Hospitals Case Medical Center, Cleveland OH; Department of Surgery, Penn State Hershey Medical Center, Hershey PA

P119 PEG TUBE PLACEMENT: DO WE DO IT BETTER THAN GI? Bindhu Oommen, MD, MPH, Samuel W Ross, MD, MPH, Joel F Bradley, MD, Kristopher B Williams, MD, Hannah C Kline, Vedra A Augenstein, Brant T Heniford, MD, Ronald F Sing, DO; Carolinas Medical Center, Department of Surgery, Division of Gastrointestinal & Minimally Invasive Surgery, Charlotte, NC

P120 ENDOSCOPIC FUNDOPLICATION FOR THE MANAGEMENT OF GASTROESOPHAGEAL REFLUX: A COMMUNITY HOSPITAL EXPERIENCE Mario R Salazar, MD, Todd Worley, MD; Texas Tech Health Sciences Center-Fernnian Basin Surgery, Lubbock, Texas.

P121 THE ROLE OF ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAVY (ERCP) IN ACUTE CARE SURGERY Cory Richardson, MD, Ashley Pistorio, MD, Charles R St. Hill, MD, MSc; Matthew Johnson, MD, Katie Lyons, Nathan I Ozabi, MD, FACS; University of Nevada School of Medicine

P122 PARTIAL BALLOON DEFLATION FOR CONTROLLED WITHDRAWAL OF SINGLE BALLOON ENTEROSCOPY Abiodun O Loaye, MD, Gorcey A Steven, MD; Jersey Shore University Medical Center

P123 LAPAROSCOPIC TOTAL GASTRECTOMY FOR ADENOCARCINOMA IN A WESTERN COUNTRY: COMMUNITY HOSPITAL: SAFETY, ONCOLOGICAL ISSUES AND MID-TERM SURVIVAL Giuseppe Portale, MD, Valentino Fiscon, MD, Antonio Mazzeo, MD, Giovanni Migliorini, MD, Flavio Frigo, MD; Department of General Surgery

P124 THE SELECTIVE USE OF LAPAROSCOPY-FIRST APPROACH FOR HIGH-RISK PATIENTS SUFFERING PERFORATED PEPTIC ULCER IS SAFE. Anth Y Teoh, MD, Enders K Ng, MD, Philip W Chiu, MD, Simon W Kong, MD; Prince of Wales Hospital, Chinese University of Hong Kong

P125 TWENTY-YEAR TREND IN THE UTILIZATION OF HELLER MYOTOMY FOR ACHALASIA IN THE UNITED STATES Jennifer Preston, MD, James Dolan, MD, John Hunter, MD, Brian Digg, PhD; Oregon Health & Science University

P126 200 “SOLO” LAPAROSCOPIC FUNDUPLICATIONS WITH AESOP ROBOTIC ARM Sergio Rajoia-ortega, MD, Emilia Pasic, MD, Rachid Cesin, MD, Luis Miguel Campos, PE, Cris Gomez; HOSPITAL ANGELES / PUEBLA

P127 IATROGENIC GASTROBROCHIAL FISTULA FOLLOWING A THORACIC SPINE NEUROSURGICAL PROCEDURE: REPORT OF A CASE. Jeffrey J Skubic, DO, Nathaniel Eastman, MD, Jacob Wiesen, MD, Sarah Ogle, DO, Frank Sacco, MD, Banner Good Samaritan Regional Medical Center, Phoenix, AZ; Alaska native medical center, Anchorage, AK

www.sages2014.org  |  Twitter: @SAGES_Updates

SAGES 2014 | Surgical Spring Week | SAGES 2014
P128 THE EFFECT OF LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR ON PULMONARY FUNCTION TEST S Alnassar, J Kondra, J Clifton, R J Finley, S Kaaki; College of Medicine, King Saud University Riyadh, Saudi Arabia. Division of Thoracic Surgery, University of British Columbia, Vancouver, BC

P129 LAPAROSCOPIC HELLER MYOTOMY: LESSONS LEARNED. THE BAYLOR EXPERIENCE 1997 – 2012 Anuj Mahajan, MD, Matthew Westmoreland, MD, David Arnold, MD, David Vanderpool, MD; Baylor University Medical Center, Division Minimally Invasive Surgery

P130 OUR SIMPLE AND PRACTICAL PROCEDURE IN ANTI-REFLUX SURGERY FOR GERD PATIENTS Tatsushi Suwa, MD, Satoshi Inose, MD, Kazzihiro Karikomi, MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsamura, MD, Kenita Kitamura, MD; Dept. Surgery, Kashiwa Kousei General Hospital

P131 CONCURRENT GASTROINTESTINAL STROMAL TUMOUR OF LARGE AND SMALL BOWEL- A RARE CASE R Gokul, MS, Praveen Patil, MS, Hariprasad D, MS, Vg Mohanprasad, MS, Balu Kuppusamy, MS; VGM HOSPITAL INSTITUTE OF GASTROENTEROLOGY

P132 OUR STANDARD PROCEDURE IN LAPAROSCOPIC TOTAL GASTRECTOMY (D1+) FOR GASTRIC CANCER PATIENTS WITH COAXIAL SCOPE SETTING Tatsushi Suwa, MD, Satoshi Inose, MD, Kenta Kitamura, MD, Kazzihiro Karikomi, MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsamura, MD, Dept. Surgery, Kashiwa Kousei General Hospital

P133 OUR STANDARD PROCEDURE IN LAPAROSCOPIC DISTAL GASTRECTOMY (D2) FOR GASTRIC CANCER PATIENTS Tatsushi Suwa, MD, Satoshi Inose, MD, Kenta Kitamura, MD, Kazzihiro Karikomi, MD, Eishi Totsuka, MD, Naokazu Nakamura, MD, Keigo Okada, MD, Tomonori Matsamura, MD; Dept. Surgery, Kashiwa Kousei General Hospital

P134 AN INITIAL EXPERIENCE WITH AND SAFETY OF A NOVEL APPROACH TO TREATMENT OF GASTROESOPHAGEAL REFLUX DISEASE George H Pfaltzgraff, MD, FACS; Ellsworth Municipal Hospital

P135 HIGH RESOLUTION MANOMETRY SUBCLASSIFICATION OF ACHALASIA: DOES IT REALLY MATTER? Christina L Greene, MD, Erica J Chang, BA, Stephanie G Worrell, MD, Steven R DeMeester, MD, Daniel S Oh, MD, Jeffrey A Hagen, MD; Keck School of Medicine of the University of Southern California

P136 SURGICAL TREATMENT OF DUODENAL PERFORATION AFTER ENDOSCOPIC RETROGRADE CHOLANGIOPANCREATOGRAPHY (ERCP): A COMMUNITY HOSPITAL EXPERIENCE. Alexander Ramirez Valderrama, MD, Stephen Merola, MD, FACS, Armando Castro, MD, FACS, Joel Ricci, MD, Jason Sample, MD, FACS; New York Hospital Queens

P137 SURGICAL TREATMENT OF GIANT SMALL BOWEL 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 Pakkavath Chanswangphuvana, MD, Sarawit Vijitponrul, MD, Ajiana Techagumpuch, MD, Suppawut Pungpapong, MD, Suethep Udomsawangsup, MD, Pat pong Navicharem, MD, Chadin Tharavej; Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

P139 OUTCOME OF BOUGIENAGE DILATATION IN COMPLEX CORROSIVE ESOPHAGEAL STRICTIONS Pakkavath Chanswangphuvana, MD, Sarawit Vijitponrul, MD, Ajiana Techagumpuch, MD, Suppawut Pungpapong, MD, Suethep Udomsawangsup, MD, Patpong Navicharem, MD, Chadin Tharavej; Department of Surgery, Faculty of Medicine, Chulalongkorn University, Bangkok, Thailand

P140 MULTIDIMENTIONAL 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 SUTURE MESH IN THE TREATMENT OF HIATAL HERNIA AND GASTROESOPHAGEAL REFUX, LONG-TERM RESULTS Morris E Franklin, MD, FACS, Rene Palomo, Guilleromo Portillo, MD, Eduardo Perez, , MD, Alexander Richard, MD, Karla Russek, MD, Alejandro Rodriguez, MD, Z Del Real, G Peralta, md; texas endosurgery institute, San Antonio, Texas.

P142 REFRACTORY ANEMIA IN HUGE HIATAL HERNIA: SURGICAL MANAGEMENT. Wael N Abdelsalam, MD, Khaled M Kati, MD, Galal M Abouelnagah, MD, Elsaid Elkayal, MD, Tamer N Abdelbaki, MD, MRCS, Msc; University of Alexandria Faculty of Medicine

P143 MULTIPLE PORT SITE METASTASES AFTER LAPAROSCOPIC GASTRECTOMY FOR CANCER: A CASE REPORT AND LITERATURE REVIEW Amani Jambhekar, MD, Josue Cherry, MD, John O’Laughlin, MD, Piotr Gorecki, MD; New York Methodist Hospital

P144 LAPAROSCOPIC GASTRIC DIVERTICULUM RESECTION: A NOVEL APPROACH John M Shellenberger, MD, Arthur Rawlings, MD, MDiv, Wayne Hudec, MD, Jason Mizell, MD; University of Missouri - Columbia

P145 TIMED BARIUM SWALLOW VERSUS ESOPHAGEAL FUNCTION TESTING IN THE DIAGNOSIS OF ACHALASIA Vikas Singhal, MD, Leena Khaitan, FACS; UNIVERSITY HOSPITALS-CASE MEDICAL CENTER, CLEVELAND

P146 REOPERATION AFTER FAILED ANTI-REFLUX PROCEDURES Andre Brandalise, MD, Nilson C Aranha, MD, Claudia Lorenzetti, MD, Nelson A Brandalise, PhD; Hospital Centro Medico de Campinas

P147 IMPACT OF OBESITY ON THE MORBIDITY OF LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR: ANALYSIS USING THE NSQIP DATABASE Rodu Pescaru, MS, Maria A Cassera, BS, Eran Shlomovitz, MD, Ahmed Sharara, 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 Joong Park, MD, PhD, Hyung-Ho Kim, MD, PhD; Department of Surgery, Seoul National University Bundang Hospital

P149 A ROBOT-ASSISTED PYLORUS PRESERVING GASTRECTOMY FOR EARLY GASTRIC CANCER: IS IT BETTER THAN LAPAROSCOPY-ASSISTED SURGERY? Young-Woo Kim, Hong Man Yoon, Daniel Reim, Ji Yeon Park, Bang Wool Eom, Keun Won Ryu; Gastric Cancer Branch, Research Institute and Hospital, National Cancer Center

P150 CONTEMPORARY OUTCOMES OF FIRST-TIME LAPAROSCOPIC REOPERATIVE FUNDOPLICATION Stephanie G Worrell, MD, Daniel S Oh, MD, Christina L Greene, MD, Jeffrey A Hagen, MD, Steven R DeMeester, MD; Keck School of Medicine, University of Southern California
Poster Listing

P151 QUALITY OF LIFE ASSESSMENT AFTER PERORAL ENDOSCOPIC MYOTOMY: Y. Vigneswaran, MD, R Tanaka, M Gitelis, J Carbay, 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 GERM LINE MUTATION: John H Rodriguez, MD, Kevin M El-Hayek, MD, Matthew Kroh, MD, Sriraman Chaitkonda, MD, Matthew Walsh, MD; Cleveland Clinic Foundation

P154 MANAGEMENT OF INTRA-THORACIC ANASTOMOTIC LEAK AFTER ESOPHAGOSTOMY: A SINGLE CENTER EXPERIENCE: Z Torgersen, MD, K Lohani, MBBS, P Pallati, MBBS, E Hansen, BS, K Nandiapati, MBBS, T Lee, MD, S K Mittal, MBBS; Creighton University Department of Surgery

P155 ESOPHAGEAL ANASTOMOSSES USING THE ORVIL CIRCULAR STAPLER IN MAJOR UPPER GASTROINTESTINAL SURGERY: Benjamin C Knight, MD, Samuel J Rice, MBBS, Peter G Devitt, MS, Andrew Lord, MBBS, Philip A Game, MBBS, Sarah K Thompson, MD, PhD; University of Adelaide, Royal Adelaide Hospital, Queen Elizabeth Hospital

P156 RISK FACTORS FOR POST-FUNDOPLICATION DYSPHAGIA: USE OF HIGH-RESOLUTION MANOMETRY: Se Ryung Yamamoto, Tommy H Lee, Kalyana C Nandiapati, 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, RNNP, Kim Lewan, RNNP; Department of Surgery, Providence Saint Joseph Medical Center, 201 South Buena Vista Street, Suite 425, Burbank, CA 91505, USA

P159 IMPROVEMENT IN MENTAL HEALTH AND SOCIAL FUNCTIONING AFTER LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA: Steven Lorch, MD, Vse Velanovich, MD; University of South Florida College of Medicine

P160 LAPAROSCOPIC SURGERY IN GASTRIC CANCER: WHY AREN’T WE THERE YET?: M. Mehri Ozmen, MD, MS, FACS, FRCS, Tevfik T Sahin, MD, PhD, Sibel Gelecek, MD, Ismail Biligic, MD, Emre Gundogdu, MD, Munever Moran; 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 HIALT HERNIA WITHOUT MESH REINFORCEMENT: Thiago Boechat, MD, Leonardo Ferraz, MD, Marcio Baleiro, MD, Baltazar Fernandes, MD, Jose Ribamar Azvedo, MD; Bonsucesso Federal Hospital

P163 UTILIZATION OF BILOGIC MESH MATERIALS IN REPAIR OF INCISIONAL HERNIAS AMONG PERitoneAL DIALYSIS PATIENTS: A NOVEL APPROACH TO OPTIMIZING OUTCOMES: Florais 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: Hideo Oishi, MD, Fumi Maeda, MD, Takeshi Ishita, MD, Masayuki Ishii, MD, Takuya Satou, MD, Takayuki Iino, MD, Hidekazu Kurumuchi, MD, Shunsuke Onizawa, MD, Eiichi Hirai, MD, Mie Hamano, MD, Tutomo Nakamura, MD, Tatsu Araid, MD, Yachiyo Medical Center, Tokyo Women’s Medical University

P166 EARLY EXPERIENCE WITH A NEW ANATOMICAL MESH FOR ENDO-LAPAROSCOPIC INGUINAL HERNIA REPAIR: Suith I Wijerathne, MBBS, MRCS, Narendra Agarwal, MBBS, MS, Dino A Liem, MD, Davide Lamanto, MD, PhD, FAMS; Minimally Invasive Surgery Centre, Department of Surgery, National University Health System, Singapore

P167 SINGLE INCISION LAPAROSCOPIC TRANSABDOMINAL PREPERITONEAL MESH HERNIOLYPLASTY 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 Tsykannaris, MD, PhD, Andreas Kiriakopoulos, MD, Dimitrios Linos, MD; Department of Surgery, Hygeia Hospital, Athens, Greece

P169 AN OBSERVATIONAL STUDY OF LATENT INGUINAL HERNIAS DURING LAPAROSCOPIC SURGERY FOR OTHER SITES: Yuka Mine, Fumihiko Fujita, Daitsuke Kawahara, Takahiro Mishima, Yasuhiro Torashima, Shinichiro Ito, Shigeki Minami, Kengo Kanetaka, Mitsubishi Takatsuki, Tomatsu Kuroki, Susumu Eguchi Eguchi; Department of Surgery, Nagasaki University Graduate School of Biomedical Sciences

P170 DETERMINING THE PROPER DISTANCE FOR TRANSABDOMINAL SUITURES IN VENTRAL HERNIA REPAIRS: THE HIGGINS FORMULA: Andrew C McCoy, MD, James Rifenberg, MD, Michael Higgins, MD; Francisican 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 FEVAR VS INGUINAL HERNIA REPAIR: LONG-TERM CLINICAL AND QUALITY OF LIFE (QOL) OUTCOMES FROM A PROSPECTIVE, INTERNATIONAL DATABASE: Joel F. Bradley III, MD, K B Williams, MD, B A Wormer, MD, A L Walters, MS, K T Dacey, MHA, B T Heniford, MD, V A Augenstein, MD; Carolinas Medical Center

P173 DOES CONCURRENT INGUINAL HERNIA REPAIR DURING ROBOTIC PROSTATECTOMY INCREASE THE RISK OF INFECTIONS?: Steven Garcia, MD, Monica Morgan, MD, Jeffrey A Cadeddu, MD, Claus Roehrborn, MD, Daniel J Scott, MD; UT Southwestern Medical Center
P174 TOTALLY EXTRAPERITONEAL REPAIR FOR INCISIONAL HERNIA
Chen Kuo-Hsin, MD, Chia-Li Chen, MD, Wu Jian-Ming, MD, Chen Shih-Tian, MD, Chen Ying-Da, MD, Huang Shu-Yi, MD, Jeng Kuo-Shyang, MD, Lin Tzu-Chao, MD, Siow Tjeng-Foong, MD, Sum Shao-Yin, MD, Lai Chao-Man, MD; Division of General Surgery, Department of Surgery, Far Eastern Memorial Hospital, Ban Ciao, Taipei, Taiwan

P175 PROSPECTIVE COMPARISON BETWEEN REDUCED PORT LAPAROSCOPIC HIATAL HERNIA REPAIR AND USUAL 5 PORT ONE
Koji Hattori, 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 Bingener, MD, Mayo Clinic, Rochester MN

P178 LAPAROSCOPIC PARASTOMAL HERNIA REPAIR WITH DEFECT CLOSURE: TECHNIQUES AND PRELIMINARY RESULTS
Suthup Udomsaengsup, MD, Soravith Vijitponkul, MD, Pakkavuth Chanswongphuana, MD, Aijana Techagumpuch, MD, Suppeerapoppong, MD, Chadin Tharavej, MD, Patpong Navicharam, MD; Chula Minimally Invasive Surgery Center, Chulalongkorn University

P179 MESH INFECTION SALVAGE WITH LOCALLY BEEHONEY APPLICATION
Esmer David, PhD, Salas Monica, PhD, Alvarez-Arosto Fernando, PhD, Muniz Alejandro, PhD; central hospital

P180 UNDERLAY VERSUS RETRORECTUS MESH PLACEMENT IN COMPLEX VENTRAL HERNIA REPAIR UTILIZING ENDOSCOPIC COMPONENT SEPARATION
M Gustafson, MD, R Kimball, MD, B Pellini, MD, I Daoud, MD, FACS; Department of Minimally Invasive Surgery, St. Francis Hospital and Medical Center; Hartford, CT

P181 THE INFLUENCE OF HIATAL HERNIA SIZE ON RECURRENCE RATE FOLLOWING LAPAROSCOPIC HIATAL HERNIA REPAIR
Aaron M Williams, BA, Salomon Levy, MD, Daniel L Davenport, PhD, Margaret Plymale, MSN, RN, J. Scott Roth, MD; The University of Kentucky, Department of Surgery, Division of Gastrointestinal Surgery and Minimally Invasive Surgery

P182 LAPAROSCOPIC PARASTOMAL HERNIA REPAIR: NO DIFFERENT THAN A LAPAROSCOPIC VENTRAL HERNIA REPAIR?
Salomon Levy, MD, 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 PNPANCREATIC 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, NIHSTAR 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, Zhao Hou, MD, Nengwei Zhang, MD; Department of General Surgery of Beijing Shijitan Hospital, Capital Medical University

P190 THE STUDY OF THE THROMBOPHILIC RISK FACTORS IN THE PATIENTS WITH HYPERCOAGULABLE STATE UNDERWENT LAPAROSCOPIC CHOLECYSTECTOMY
Ke Gong, MD, Yankai Zhang, MD, Nengwei Zhang, MD, Dexiao Du, MD; Beijing Shijitan Hospital, Capital Medical University

P191 LAPAROSCOPIC SPLENIC PRESERVING DISTAL PANCREATECTOMY FOR RETRIEVAL OF A PROXIMALLY MIGRATED Pancreatic STENT
Ziad T Awad, MD, FACS, Justin C McCarty, BS, Michael Herman, DO, FACP, Jose Nieto, DO, FACP; University of Florida - Jacksonville

P192 MINIMAL INVASIVE TREATMENT FOR PATIENT WITH SITUS INVERSUS TOTALIS WITH DIAGNOSIS BILIARY PanCREATITIS
G Peralta, MD, E Ortiz, md, A Topete, Z Del Real, A Palomo, MD, Alex Rodriguez, MD; Hospital Metropolitano “Bernardo Sepulveda”

P193 LAPAROSCOPIC HEPATECTOMY FOR DORSAL REGION OF THE RIGHT LOBE WITH A TRANSTHORACIC PORT
Masaya 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)
Erawan Wirasirisa, MD; Premier Bintaro Hospital, Bintaro, Indonesia

P196 TELAPREVIR WITH ADJUSTED DOSE OF RIBAVIRIN IN NAIVE HC-G1: EFFICACY AND TREATMENT IN HC IN HEMODIALYSIS POPULATION. TARGET C TRIAL- A PLACEBO RANDOMIZED CONTROL CLINICAL TRIAL
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. NSLIJHS/Hofstra North Shore Hospital, Medicine, NY 3. James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

P197 ROMIPLOSTIM’S EFFECT TO OPTIMIZE SVR WITH TELAPREVIR, RIBAVIRIN, AND PEG INTERFERON-ALFA 2A IN THROMBOCYTOPENIC CIRRHOSIS WITH CHRONIC HEPATITIS C. A PLACEBO CONTROLLED PROSPECTIVE CLINICAL TRIAL
Keishi Nishigori, MD, PhD, Hiroki Ono, MD, PhD, Narumasa Higashitani, MD, PhD, Hiroshi Chiba, MD, Tetsuya Sakuramoto, Isamu Koyama; Gastrointestinal Center, Saitama Medical University, International Medical Center

P198 EXPERIENCE OF TOTAL INTRAOPERATIVE GENETIC TESTING FOR CONGENITAL CYSTIC FIBROSIS IN CHILDREN WITH CHRONIC PANCREATITIS
Yiping Lu, MD, Yu Ren, MD, Xiaopu Hou, MD, Nengwei Zhang, MD; Department of General Surgery of Beijing Shijitan Hospital, Capital Medical University

P199 TELAPREVIR AND RIBAVIRIN IN COMBINATION WITH CONVENTIONAL INTERFERON ALFA 2A IN CHRONIC HEPATITIS C PANCREATIC CYST (INSULINOMA)
Erawan Wirasirisa, MD; Premier Bintaro Hospital, Bintaro, Indonesia

P200 MIGRATED PANCREATIC STENT.
Ziad T Awad, MD, FACS, Justin C McCarty, BS, Michael Herman, DO, FACP, Jose Nieto, DO, FACP; University of Florida - Jacksonville

P201 MINIMAL INVASIVE TREATMENT OF HEPATITIS C. A PLACEBO CONTROLLED PROSPECTIVE CLINICAL TRIAL- A PLACEBO RANDOMIZED CONTROL CLINICAL TRIAL
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. NSLIJHS/Hofstra North Shore Hospital, Medicine, NY 3. James J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

P202 TELAPREVIR AND RIBAVIRIN IN COMBINATION WITH CONVENTIONAL INTERFERON-ALFA 2A IN CHRONIC HEPATITIS C PANCREATIC CYST (INSULINOMA)
Erawan Wirasirisa, MD; Premier Bintaro Hospital, Bintaro, Indonesia

P203 MIGRATED PANCREATIC STENT.
Ziad T Awad, MD, FACS, Justin C McCarty, BS, Michael Herman, DO, FACP, Jose Nieto, DO, FACP; University of Florida - Jacksonville

P204 MINIMAL INVASIVE TREATMENT OF HEPATITIS C. A PLACEBO CONTROLLED PROSPECTIVE CLINICAL TRIAL- A PLACEBO RANDOMIZED CONTROL CLINICAL TRIAL
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. NSLIJHS/Hofstra North Shore Hospital, 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, MRCP, FACC, AGAF, Niraj J Shah, MD, Richard Huang, MD, Medical, Student, UofL, Ravi Siriki, MD, Md Ashique, MD, Sakina Farhat, MD, 1. Columbia University College of Physicians and Surgeons, NY 2. NSUH/ Hofstra North Shore LIJ School of Medicine, NY 3. J. Peters VA Medical Center, Mount Sinai School of Medicine, NY

P199 MANAGEMENT OF AN UNUSUAL CASE OF LOWER GASTRO-INTESTINAL BLEEDING: ULCERATED CHOLEDOCHOCELE E Ray-Offor, MBBS, FWACS, DMAS, S N Elenwo, MBBS, FWACS, P O Igwe, MBBS; University of Port-Harcourt Teaching Hospital Port-Harcourt Rivers State Nigeria

P200 POSITIVE LYMPH NODE TO RECOVERED LYMPH NODE RATIO AS A PREDICTOR OF SURVIVAL IN PATIENTS WITH PANCREATIC DUCTAL ADENOCARCINOMA Ambar Banerjee, MD, Lee Coggill, BS, Elango Edhayanan, 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 DETACHMENT AND TRANSECTION OF BLOOD VESSELS USING A MONOPOLAR SOFT-COAGULATION DEVICE Mitsuhiro Miyazawa, MD, Masayasu Aikawa, MD, Katsuya Okada, MD, Kojun Okamoto, MD, Shigeki Yamaguchi, MD, Iwao Kitazono, 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 Sank Tokpanov, Sagidullas Dosmagaevlov, Vladimir Kotlovskiy; 1. Hospital of the Presidents Administration of Republic of Kazakhstan, Astana, Kazakhstan 2. Department of Laparoscopic Surgery, Regional Pediatric Hospital, Aktope, Kazakhstan

P204 THE APPLICATION OF SINGLE-INCISION LAPAROSCOPIC SURGERY ON THE RESECTION OF HEPATIC HEMANGIOMA: INITIAL EXPERIENCE AND CURRENT UPDATE Diana O Yau, 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 IOC IN GALLBLADDER REMNANT Praneetha Narahari, MD; Saint Agnes Medical Center, Fresno, CA

P206 SINGLE PORT CHOLECYSTECTOMY: STANDARD TECHNIQUE IN 100 CASES Sergio Rojas-ortega, MD, Emina Pasic, MD, Rachid Cesin, MD, Gerardo Reed, MD, Daniel Arizpe, MD, Cris Gomez, RN, Luis Miguel Campos, PE; HOSPITAL ANGELES / Puebla -MEXICO.

P207 S7S HEPATECTOMY FOR HEPATIC HYDATID DISEASE: A CASE REPORT Tuna Bilecik, Burhan Mayir, Cemal Ozben Ensari, Mehmet Akif Turkgoglu, Mehmet Tahir Oruc; Ramazan 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


P210 PRIMARY CARCINOSARCOMA AND SARCOMATOID CARCINOMA OF THE LIVER: CLINICAL FEATURES, SURGICAL TREATMENT, AND PROGNOSIS Ilija 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 Simplendorf, MD, Samuel Szomstein, MD, Raul Rosenthal, MD; Cleveland Clinic Florida

P212 ROLE AND LIMITATIONS OF INDOCYANINE GREEN NEAR INFRARED FLUORESCENT CHOLANGIOGRAPHY: EXPERIENCE IN 100 PATIENTS Pedro Ferraina, MD, Fernando Dip, MD, Mario Nahmod, MD, Lisandro Alle, MD, Carolina Ampudia, MD, Abraham Abdemur, MD, Lo Menzo Emanuele, MD, PhD, Conrad Simplendorf, 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. Yoshishide Chino, PhD, Masaki Fujimura, PhD, Isao Sato, MD, Hajime Yamazaki, PhD, Makoto Mizutani, PhD, Tomatake Tabata, MD, Iwao Kitazono, MD; Daichi-Tokai-ai Hospital endoscopic surgery center

P214 AN UNUSUAL CASE PRESENTED WITH COINCIDENCE OF PRIMARY HEPATIC NEUROENDOCRINE TUMORS AND GALLBLADDER ADENOCARCINOMA Ilija 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, Ashvind Bawa, MBBS, MS; Government Medical College, Patiala (Punjab). India

P218 A METHOD FOR MEASURING COPPER ABSORPTION USING A SHORT-LIVED ISOTOPE (64Cu) Paul M Tasker, FRCS, Joan Braganza, DSc, FRCP, Harbans Sharma, MSc, PhD, DSc; Manchester Royal Infirmary

P219 COPPER ABSORPTION IN CHRONIC PANCREATITIS Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP; Manchester Royal Infirmary

P220 THE INFLUENCE OF PH IN PROXIMAL SMALL BOWEL PERFUSION ON 64Cu ABSORPTION IN ANAESTHETISED RATS Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP, Maynard Case, BSc, PhD; Manchester Royal Infirmary

P221 INFLUENCE OF PH, DOSE VOLUME, HUMAN PANCREATIC JUICE AND BILE ON 64Cu ABSORPTION FROM THE RAT CLOSED DUOJEJUNAL LOOP. Paul Tasker, FRCS, Harbans Sharma, MSc, PhD, DSc, Joan Braganza, DSc, FRCP, Maynard Case, BSc, PhD; Manchester Royal Infirmary
P224 HAEMOBILIA SECONDARY TO A NON TRAUMATIC CYSTIC ARTERY PSEUDOANEURYSM PRESENTING AS MASSIVE UPPER GI BLEED MANAGED BY MINIMALLY INVASIVE SURGERY: CASE REPORT Ahmed Hammad, Mr, Mohamed Attique, Mr, Imran Inam, Mr, Manreek Bosi, Dr, Mohamed Sajed, Dr, Sajed Mahmud, Mr; Upper GI unit. Hairymre Hospital. NHS Lanarkshire. Glasgow

P225 AN INTERESTING CASE OF MEN TYPE 1 DIAGNOSED ON WORKUP FOR CHOLECYSTITIS Darshak Shah, MD, MBBS, Alexander Valderrama Ramirez, MD, Ashish Padnani, MD, MBBS, Talat Addasi, MD; New York Hospital Queens, New York

P226 DOES ULTRASOUND PREDICT INTRAOPERATIVE FINDINGS AT CHOLECYSTECTOMY? AN INSTITUTIONAL REVIEW, Shannon Stogryn, BSc, MBBS, Jennifer Metcalfe, MD, Ashley Vergis, MD, MMEd, FRCSC, FACS, Krista Hardy, MSc, MD, FRCSC; University of Manitoba

P227 Withdrawn

P228 A NOVEL APPROACH FOR TOTAL LAPAROSCOPIC PANCREATODUODENECTOMY Yiping Mou, MD, FACS, Xiaowu Xu, MD, Weiwei Jin, MS, Jiafei Yan, MS, Yuchen Zhou, MS; Ke Chen, MS; Department of General Surgery, Sir Run Run XiaoWu Xu, MD, Weiwei Jin, MS, Jiafei Yan, MS, Yuchen Zhou, MS, Ke Chen, MS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

P229 TOTALLY LAPAROSCOPIC RIGHT HEPATECTOMY WITH MODIFIED LIVER HANGING TECHNIQUE Gadiyaram Srikanth, MCh, Neel Shetty, DNB; Institute of Gastroenterology, Global Hospitals, Bangalore

P230 LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION FOLLOWING PREVIOUS BILO-ENTERIC BYPASS Gadiyaram Srikanth, MCh, Neel Shetty, MCh, Ganesh Shenoy; Institute of Gastroenterology, Global Hospitals, Bangalore

P231 LAPAROSCOPIC PANCREAS-SPARING SUBTOTAL DUODENECTOMY IN GASTROINTESTINAL STROMAL TUMOR OF THE DUODENUM: COMPARISON WITH OPEN SURGERY Sung Hoon Choi, MD, Chang Moo Kang, MD, Sung Hwan Lee, MD, Jin Ho Lee, MD, Ho Kyoung Hwang, MD, Woo Jung Lee, MD, PhD; Division of hepatobiliary and pancreas, Department of Surgery, Yonsei University College of Medicine, Seoul, Korea

P232 Withdrawn

P233 Withdrawn

P234 LAPAROSCOPIC LIVER RESECTION: AN EARLY EXPERIENCE IN A RESOURCE LIMITED COUNTRY Tsiregzen Enkh-Amgalan, MD, Jigjidsuren Chiburen, MD, Katie M Wells, MD, Erdenebileg Taivanbaatar, MD, Gurbadam Unenbat, MD, Dagvadorj Mukhbat, MD, Erdene-Ochir Dulguun, MD, Raymond Price, MD; National Cancer Center of Mongolia, University of Utah Center for Global Surgery, Intermountain Health Care

P235 LAPAROSCOPIC RIGHT POSTERIOR SECTIONECTOMY IN PATIENTS WITH HEPATOCELLULAR CARCINOMA IN THE ERA OF LAPAROSCOPIC SURGERY Jai Young Cho, Ho-Seong Han, Yoo-Soon Yoon, Dae Wook Hwang, Kyuwhan Jung, Young Ki Kim, Hong Kyung Shin, Woohyung Lee; Seoul National University Bundang Hospital, Seoul National University College of Medicine

P236 LAPAROSCOPIC MEDIAN PANCREATECTOMY FOR SELECT MD BODY TUMORS OUR INDICATIONS, TECHNIQUE AND RESULTS C Palanivelu, MS, MCh, FACS, P Senthilnanthan, MS, FACS, P Parthasarathi, MS, P Praveen Raj, MS, V P Nanakillii, MS, S Balaramurti, MS, S Srivastana, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

P237 LAPAROSCOPIC CHOLEDOCOSCOPY Adrian Maghie, Prof, PhD, MD, George Dejeu, Prof, PhD, MD, Alin Suta, MD; Spitalul Pelican Oradea

P238 SINGLE-PORT LAPAROSCOPIC LIVER SURGERIES Soo ho Lee, Eun Young Kim, Sung Kyun Park, Jae Hyun Han, Gun Hyung Na, Ho Joong Choi, Tae Ho Hong, Young Chul Yoon, Dong Goo Kim, Young Kyoungh You; The Catholic University of Korea, Seoul. St. Mary’s Hospital

P239 EFFECT OF PPI USE ON THE DIAGNOSIS OF BILIARY DYSKINESIA WITH CCK HIDA SCINTIGRAPHY Wesley A Dailey, MD, Steven Bowers, MD, John A Stauffer, MD, Horacio J Asbun, MD, Mauricia A Buchanan, RN, Eric Lam, BS; Mayo Clinic Florida

P240 LAPAROENDOSCOPIC RENDEZVOUS: AN EFFECTIVE TREATMENT FOR PATIENTS WITH CHOLELITHIASIS AND CHOLEDOCHOLITHIASIS Brijendra Singh, MS, MCh, Surgery, Shantha Gupta, MS, Vk Mishra, MDDMEDICAL, GASTROENTEROLOGY, Arun Khanduri, MDDM, MEDICAL, GASTROENTEROLOGY, Alok Gupta, MDDMEDICAL, GASTROENTEROLOGY; REGENCY HOSPITAL, KANPUR, INDIA AND MEDICAL COLLEGE CALCUTTA, INDIA

P241 LAPAROSCOPIC PANCREATECTOMY OF ACINAR PANCREATIC CANCER David Aguirre-mar, MD, MSM, MEd, Eduardo Giassi, MD, Genaro Vazquez, MD, Paola Ripa, MD; MEDICAL ARTS INSTITUTE - ITESTSCHOOL OF MEDICINE

P242 MANAGEMENT OF A RECURRENT PANCREATIC PSEUDOCYST Christina Cusim, MD, Lucas O Tijerina, MD, Miguel A Zapata, MD, David Orozco, MD, Jorge Canli, MD, Jorge Balli, MD; CHRISTUS MUGUERZA

P243 OUTCOME FOLLOWING LAPAROSKOPIC TREATMENT FOR LIVER HYDATID CYST: SINGLE-INSTITUTION EXPERIENCE Bulet C Yiksel, AssProf, Tezcan Akin, MD, Savas Baba, MD, Huseyin Berkem, MD, Hakan Ozel, MD, Fatih M Aysor, Prof; Ankara Numune Education and Research Hospital/Department of General Surgery

P244 LAPAROSCOPIC PANCREAS SURGERY FOR SOLID PSEUDOPAPILLARY TUMOR IN CHILDREN Jung-Man Namgoong, MD, Dae-Yeon Kim, MD, PhD; Song-Chul Kim, MD, PhD; Ki-Byung Song, MD, PhD, Ji-Hee Hwang, MD; Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

P245 EXPERIENCES OF LAPAROSCOPIC LIVER RESECTION FOR LIVER TUMORS IN PEDIATRIC PATIENTS: INITIAL 11 CASES Jung-Man Namgoong, MD, Dae-Yeon Kim, MD, PhD, Seong-Chul Kim, MD, PhD, Ki-Byung Song, MD, PhD, Ji-Hee Hwang, MD; Department of Surgery, Asan Medical Center, University of Ulsan College of Medicine, Seoul, Korea

P246 IMPORTANCE OF THE NODE OF CALOT IN GALL BLADDER NECK DISSECTION: A NOVEL STANDARDIZED APPROACH TO THE LAPAROSCOPIC CHOLECYSTECTOMY Michael Timoney, MD, Sharique Nazir, MD, David Swedler, MD, George S Ferzli, MD, FACS; Lutheran medical center, Brooklyn, New York

P247 TREATMENT AND REMOVAL OF A DOUBLE GALLBLADDER WITH TWO DISTINCT STONE COMPOSITIONS: A CASE REPORT Andrea Zelisko, MD, Walter Chlysta, MD, FACS, Akron General Medical Center
Poster Listing

P248 A-CHANNEL SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY USING A SNAKE RETRATOR
In Seok Choi, PhD, Naksong Sung, MD, Wonjun Choi, MD, Ju Ik Moon, MD, Daesung Yoon, MD, Yumi Ra, MD; Department of Surgery, Konyang University Hospital, Daejeon, Korea

P249 SIMULTANEOUS LAPAROSCOPIC S8 SEGMENTATION OF LIVER AND LADG IN PATIENT WITH SYNCHRONOUS HCC AND EGC
In Seok Choi, PhD, Naksong Sung, MD, Wonjun Choi, MD, Sangeok Lee, MD, Juik Moon, MD; Department of Surgery, Konyang University Hospital, Daejeon, Korea

P250 LAPAROSCOPIC APPROACH FOR LARGE POLYPOID LESIONS AND CANCER OF THE GALLBLADDER
Radbeh Torabi, MD, Zhi Ven Fong, MD, David W Rattratt, MD, Keith D Lilemoe, MD, Cristina R Ferrone, MD; Department of Surgery, Massachusetts General Hospital

P251 UTILITY OF VESSEL SEALING SYSTEM IN LAPAROSCOPIC HEPATECTOMY
Fumiki Kishihata, Takaaki Takebayashi, Tetsuya Mizzumoto, Shoichi Kagayama, Hitoshi Inoue, Akihiro Takai, Jota Watanabe, Taju Toyama, Yasutsugu Takada; Department of HBP Surgery and Breast Surgery, Graduate School of Medicine Ehime University

P252 AGENESIS OF GALLBLADDER
P Ripa, MD, M Reyes, MD, C Jaurrieta, MD; Tec de Monterrey Hospital San Jose

P253 LAPAROSCOPIC HAND SEWN REPAIR OF A CHOLECYSTODUODENAL FISTULA AS A TRANS OPERATIVE FINDING. A CASE REPORT
Jose Pulido, MD, Eduardo Garcia-flores, MD, Jeronimo Monterrubio, MD, Ulises Caballero, MD, Luis Zavala, MD, Marco Juarez, MD, Christian Cussin, MD; CHISTUS MUGUERZA - UDEM

P254 EFFECT OF PRE-OPERATIVE BILIRUBIN LEVELS ON POST-OPERATIVE MORTALITY AND MORBIDITY AFTER PANCREATICO-DUODENECTOMY FOR PANCREATIC CANCER. AN ANALYSIS OF 4850 PATIENTS FROM NSQIP DATABASE
Piyush Aggarwal, MD, David Marx, PhD, Kiran Turaga, MD, Armour Forse; Creighton University Medical Center

P255 USEFULNESS AND LIMITATIONS OF THE ONE STEP APPROACH TO MANAGING BILIARY PANCREATITIS
Ashley Pistriov, 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

P256 MICROBIOLOGY AND ANTIBiotic PROPHYLAXIS IN LAPAROSCOPIC CHOLECYSTECTOMY
Phrompinun Wattanavigaid, MD, Achara Chankaew, MD, Patch Kasetuwan, MD, Manot Yimcharoen, MD; Bangkok Hospital, Bangkok, Thailand

P257 A DIARY OF A LAPAROSCOPIC SURGEON IN AFRICA
Mohamed Seleem, Dr; Cairo University

P258 LAPAROSCOPIC PERITONEAL ENTRY AFTER ABDOMINOPLASTY: A NEW TECHNIQUE
Sebastiano Cassaro, MD, Laura S Bernstein, MD, Nichole S Meissner, MD, Albert Einstein College of Medicine-Beth Israel Medical Center, Kewahed Delta Health Care District

P259 MOTION SICKNESS IN THE OPERATING ROOMS – EFFECT OF MINIMALLY INVASIVE TECHNIQUES
Osama Alsaeed, MD, Ken Yoshida, PhD, Connie C Shmitz, PhD, David Radosevich, PhD, Sayaed Ikramuddin, MD, Jeffery Chipman, MD; University of Minnesota - Department of Surgery

P260 OPERATING IN THE COMFORT ZONE: INTERNs PERFORM BETTER WITH STRAIGHT OVER ARTICULATING INSTRUMENTS
Bethany R Lowndes, Bernadette McCorry, PhD, Chad A LaGrange, MD, David R Farley, MD, Raaj K Ruparel, MD, Yazan N Aljamal, MBBS, Susan Halbekeck, PhD; Mayo Clinic, University of Nebraska Medical Center, University of Nebraska - Lincoln

P261 SURGEON STRESS PERFORMING SINGLE-PORT VS TRADITIONAL LAPAROSCOPIC CHOLECYSTECTOMIES
Bethany R Lowndes, Juliane Bingener, MD, Susan Hallbeck, PhD; Mayo Clinic

P262 FATIGUE QUANTIFICATION IN LAPAROSCOPIC SURGERY: A RECURRENCE-ANALYSIS BASED APPROACH
Ikechukwu Olu, BS, Ali K Panahi, BS, Ahmed M Zihni, MD, MPH, Jaime A Cavollo, MD, MPH, Sohyung Cho, PhD, Michael M Awad, MD, PhD; Washington University in St Louis, Department of Surgery; Southern Illinois University Edwardsville, Department of Engineering

P263 ERGONOMIC ANALYSIS OF BASIC AND ADVANCED LAPAROSCOPIC PROCEDURES
Ahmed M Zihni, MD, MPH, Jaime A Cavollo, MD, MPH, Ikechukwu Olu, BS, Sohyung Cho, PhD, Michael M Awad, MD, PhD; Department of Surgery, Washington University School of Medicine; Department of Engineering, Southern Illinois University Edwardsville

P264 EVALUATION OF VESSEL SEALING PERFORMANCE OF ULTRASONIC DEVICES IN A PORCINE MODEL
D Meiselman, Mr, R Tanaka, MD, PhD, Zafir, Mr, C Karras, Mr, B Abar, Mr, M Feinberg, Mr, J Zhao, MD, M Ujiki, MD; NorthShore Health Care System, Department of Surgery

P265 ETTRACK: AN AFFORDABLE ERGONOMIC ASSESSMENT TOOL FOR SURGICAL SETTINGS
Timothy R Coles, PhD, Caroline G Cao, PhD, Cedric Dumas, PhD; Commonwealth of Scientific and Industrial Research Organisation, Wright State University

P266 EVALUATION OF EYE & HAND FATIGUE IN 3D VS. 2D DISPLAY SYSTEMS FOR SURGICAL NOVICES DURING LAPAROSCOPIC SUTURING: A RANDOMISED CONTROL TRIAL
Adham Youssef, Walid Elbakkab, Amina Bouteilal, Bijen Patel; Queen Mary, University of London

P267 THE IMPACT OF HELICOBACTER PYLORI ON THE COMPLICATIONS OF LAPAROSCOPIC SLEEVE GASTRECTOMY
Solaimon Almazeed, MD, Salim Al-Sabah, Dheidan Alshammari, Shamlan Alqinai; Amiri Hospital - Kuwait

P268 ROUX-EN-Y GASTRIC BYPASS FOR SUPER OBESE PATIENTS: WHAT APPROACH? Nolasco Christopher 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

P269 LAPAROSCOPIC REVISION OF VERTICAL BANDED GASTROPLASTY TO SLEEVE GASTRECTOMY FOR GASTRIC OUTLET OBSTRUCTION: EARLY EXPERIENCE IN 18 PATIENTS
Richeep S Gill, MD, PhD, Shahrzeer Karmali, MD, John A Primomo, MD, Lee Morris, MD, Xinze Shi, MPH, Vadim Sherman, MD, FAC, 1 Department of Surgery, University of Alberta, Edmonton, Alberta, Canada. 2 Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandra Hospital, Edmonton, Alberta, Canada. 3 The Methodist Hospital, Houston, Texas, USA

P270 LAPAROSCOPIC SLEEVE GASTRECTOMY AFTER PREVIOUS PYLOROMYOTOMY FOR INFANTILE HYPERTROPhic PYLORIC STENOSIS. CASE REPORT AND DISCUSSION OF LSG-MEDIATED WEIGHT LOSS MECHANISM
Edward J Hannoush, MD, Sebastian Eid, MD, Douglas R Ewing, MD, Hans J Schmidt, MD; Hackensack University Hospital

P271 DOES THE SURGEON EXPERIENCE INTERFERE WITH THE LEAK RATE AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY?
Patrick Noel, MD, Marius Nedelcu, MD; Private Hospital La Casamance, Aubagne, Marseille, France
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, Rano Pullatt, MD; Medical University of South Carolina

P274 EFFECTIVENESS OF BARIATRIC SURGERY IN SUPER-SUPER OBSESE PATIENTS
Jonathan E Tannebaum, MD, Abraham Krikhely, MD, Mujahid Abbas, MD, Lindsay Cumella, BS, Prathiba Vemulapalli, MD, Jenny Choi, MD, Diego R Camacho, MD; Montefiore Medical Center

P275 MORBID OBESITY MANAGEMENT INSIGHTS: PRE-OPERATIVE CLINICAL VARIABILITY BY INSURANCE CARRIER IN 8,966 SLEEVE GASTRECTOMY PATIENTS
Grace W Kao, DO, Gus J Slotman, MD; Departments of Medicine and Surgery, Inspira Health Network, Vineland, New Jersey

P276 SAFETY OF LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING WITH CONCURRENT CHOLECYSTECTOMY FOR SYMPTOMATIC CHOLELIATHIASIS
Nabeel R Obeid, MD, Heekoung Youn, MA, RN, Marina Kurian, MD, Christine Ren-Fielding, MD, George Fielding, MD, Bradley Schwartz, 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 REFUX DISEASE IN THE MORBIDLY OBES\ Karmam Samakay, 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’Neill, 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 Cumella, BS, J Choi, MD, P Vemulapalli, MD, E Reynoldsd, 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 Women’s Hospital, Harvard Medical School

P281 METHYLENE BLUE OR UPPER GI, WHICH IS MORE EFFECTIVE FOR DETECTING LEAK IN GASTRIC BYPASS PATIENTS?
Lars Nelson, MD, Rena C Moon, MD, Andre F Teixeira, MD, Muhammad A Jawad, MD, FACS; Orlando Regional Medical Center

P282 POST-OPERATIVE INTRAVENOUS (IV) ACETAMINOPHEN REDUCES NARCOTIC REQUIREMENT AFTER LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS (LRYGB)
Shireesh Saurabh, MD, Jessica K Smith, MD, Paul Jose, Peter Nau, MD, Mark Pederson, Isaac Samuel, MD; University of Iowa Hospitals and Clinics

P283 21ST CENTURY WEIGHT LOSS: BANDING VERSUS BYPASS
Stephen W Davies, MD, MPH, Christopher A Guidry, MD, MSc, Rachel I Penn, BA, Robert G Sawyer, MD, Bruce D Schirmer, MD, Peter T Hallowell, MD; University of Virginia School of Medicine

P284 THE PROTOCOL OF A RANDOMIZED, DOUBLE-BLINDED, PLACEBO CONTROLLED TRIAL TO INVESTIGATE THE ROLE OF INTRA-PERITONEAL ROPIVACAINE IN GASTRIC BYPASS SURGERY
Robert Wu, Alexis Porte, Fatima Haggard, Isabelle Raiche, Husein Maloo, Jean Claude Gauthier, Amy Neville, Jean Denis Yelle, Joseph Mamanza; The Ottawa Hospital, University of Ottawa

P285 SLEEVE GASTRECTOMY OR GASTRIC BYPASS AS PRIMARY BARIATRIC PROCEDURE: RETROSPECTIVE EVALUATION OF OUTCOMES.
Mousa Khousheesh, MD, FRCSC, Ibtsiam Al-Bader, MD, FRCSC, Ali Mouzannar, BMBCH, Abdulla Al-Haddad, MD, FACS, Ali Sayed, MD, FRCSC, Ali Mohammad, MD, FRCSC, Abe Finkerhut, 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 Cheriy, MD, Amy Maselli, MD, Krystyna Kabata, PA, Anthony Tortolani, MD, Piotr Gorecki, MD; New York Methodist Hospital

P287 VALIDITY OF LAPAROSCOPIC SLEEVE GASTRECTOMY FOLLOWING GASTRIC BAND FAILURE: Mohammed Alkubaisi, MD, FICS, FIBMS, DMAS, Abdulalam Aliaie, MD, FICS, FRCS, Al-Ain 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, FACS, FACS, Steven 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, MD, L Cumella, BS, J Choi, MD, P Vemulapalli, MD, D R Camacho, MD; Montefiore Medical Center, Bronx, NY

P292 DOES MAXIMUM PRE-OPERATIVE WEIGHT LOSS PREDICT WEIGHT LOSS SURGERY OUTCOMES?
Daniel B Jones, MD, MS, FACS, Caroline Park, MD, MPH, Benjamin E Schneider, MD, FACS, Hussain Waskly, MD; Bethesda Deaconess Medical Center

P293 IS HEPARIN PROPHYLAXIS WITH AGGRESSIVE AMBULATION ENOUGH TO PREVENT THROMBOEMBOLIC COMPLICATIONS EVEN IN HIGHER RISK PATIENTS UNDERGOING BARIATRIC SURGERY?
Vikas Singhal, MD, Howard Darvin, FACS, Igal Breitman, FACS, Leena Khaitan, FACS; University Hospitals, Cleveland

P294 RACIAL VARIATION IN THE DISTRIBUTION OF DEMOGRAPHICS, BODY MASS, AND WEIGHT-RELATED MEDICAL CO-MORBIDITIES AMONG THE MORBIDLY OBSE\:
Ezekiel Addewale, 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 OBSE\:
Tamer N Abdelbaki, MD, MRCS, Msc, Wael N Abdelsalam, MD, Khaled M Katri, MD, Mohamed Sharaan, MD, Mohamed K El Saly, MD, Tamer M Mohamed, MBCHB, Elsaed ElKayal, MD; University of Alexandria Faculty of Medicine
P296 LAPAROSCOPIC ROUX EN Y GASTRIC BYPASS AS A REVISIONAL STRATEGY FOR LAGB FAILURE: Abdelrahman A. Nimri, MD, FACS; Mohamed B Al Hoadad, MD; Maha Ibrahim, MD, Rana Kurdi, Ph.D, Coher Hajat, MD, MPH; Division of general, thoracic and vascular surgery Sheikh Khalifa Medical City managed by Cleveland clinic

P297 BARIATIC 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 AIRSEALTMT 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 OBSE (BMI > 60 KG/M2) WITHOUT THE USE OF PROPHYLACTIC INFERIOR VENA CAVA FILTERS: OUR EXPERIENCE AT A BARIATRIC CENTER OF EXCELLENCE Salvatore Docimo, Jr., DO, Laura Crankshaw, BS, George Ferzli, MD; Lutheran Medical Center, Brooklyn, NY

P300 SLEEVE GASTRECTOMY AND GASTROESOPHAGEAL REFUX DISEASE DISEASE: SYSTEMATIC REVIEW AND META-ANALYSIS C M Hoogerooib, BSc, MD, FRCS, JB Enright, BSc, MD, FRCS, J C Ellsmere, BSc, MSc, MD, FRCS, FACS; QEII Health Sciences Centre, Dalhousie University, Halifax, Canada

P301 DOES HELICOBACTER PYLORI INCREASE THE RISK OF ADVERSE OUTCOME AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY Ameer Gembarwala, MD, Amy Thomas, RN, Insyath Nomanbhouy, MS, Rami Lutfi, MD, FACS; Chicago Institute of Advanced Bariatrics

P302 SHORT-TERM MORBIDITY OF 1,597 LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASSES: A SINGLE INSTITUTION EXPERIENCE James G Bitterman IV, MD, Gretchen Aquilina, DO, Luke Wolfe, MS, Jill Meador, RN, James W Mahler, 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 Gaebelens, 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 MORbid Obesity: INTERMEDIATE FOLLOW-UP Matthew J Davis, MD, John Rodriguez, MD, Andrea Zelisko, MD, Stacy Brethauer, MD, Bipan Chand, MD, Philip Schauer, MD, Kevin El-Hayek, MD, Matthew Kroh, MD; Cleveland Clinic Foundation

P305 THE COVIDIEN TRISTAPLE SYSTEM VS. THE DUET TISSUE BUTTRESS IN LAPAROSCOPIC SLEEVE GASTRECTOMY: A COMPARATIVE STUDY Mark A Dykstra, Noaah J Switzer, Caroline E Shoppard, Kevin A Whitlock, Richdeep S Gill, Xinzhe Shi, Daniel Birch, Shahzehre Karmali; Department of Surgery, University of Alberta, Edmonton, Alberta; Center for the Advancement of Minimally Invasive Surgery (CAMIS), Royal Alexandra 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 Falomo-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’Urso, MD, Silvana Perretta, MD, Michel Vix, MD, Ludovic Marx, MD, Bernard Dallemaigne, MD, Jacques Marescaux, MD, Didier Mutter, MD; IRCAD-NHC-IHU Department of Digestive and Endocrine Surgery, University of Strasbourg France

P308 BARIATIC SURGERY IMPROVES SEXUAL FUNCTION IN OBESE PATIENTS David Goitein, MD, Alex Zendel, MD, Lior Segev, MD, Rostislav Sourinovich, MD, Dav [Douglas] Zippel, MD; Surgery C Department, Chaim Sheba Medical Center, Tel Hashomer, Israel

P309 BAND OVER SLEEVE: A SAFE ALTERNATIVE TO ACHIEVE FURTHER WEIGHT LOSS AND REDUCTION OF CO-MORBIDITIES Amy Banks, MD, R Harrell, MD, J Foote, MD; Grand Rapids Medical Education Partners, Michigan State University and Grand Health Partners

P310 COMPARISON OF DIABETIC REMISSION RATE AFTER 3 MONTHS AFTER LAPAROSCOPIC SLEEVE GASTRECTOMY VS ROUX-EN-Y GASTRIC BYPASS: SINGLE INSTITUTE IN THAILAND Ajijana Techamongpuch, Dr, Pakkavuth Chansangphuvana, Dr, Soravitth Vajitornakul, Dr, Chadin Tharavej, Dr, Supphat Pungpapong, Dr, Patpong Navicharem, Dr, Suthep Udomsawangsup, Dr; Department of Surgery, Chulalongkorn University, Bangkok, Thailand

P311 ASSESSMENT OF THE QUALITY OF INTERNET INFORMATION ON SLEEVE GASTRECTOMY Riccardo Corelles, 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 Rayess-salas, MD, Santiago Sherwell, MD, Roberto Rumbaut, MD, Paola Rigo-palavan, MD; HOSPITAL SAN JOSE-TECNOLOGICO DE MONTERREY

P313 CT VOLUMETRY FOR FOLLOW UP OF SLEEVE GASTRECTOMY AND RELATION TO WEIGHT LOSS Mohamed Sarhan, MBCS, MD, Mohamed Elmasry, MD, Mohamed Ghabashy, MSc, Omar A Hamada, Mostafa Elhazly, MD, Fahim Elbassiony, MD; General Surgery Department, Cairo University Hospital

P314 AN ALTERED GHRELIN RESPONSE IS ACCOUNTABLE FOR REDUCED CALORIC INTAKE AFTER ENDOSCOPIC PLCATION OF THE STOMACH G F Paulus, MD, M van Avesaat, MD, J M Conchillo, MD, PhD, A A Maschle, MD, PhD, N D Bouvy, MD, PhD; Maastricht University Medical Center

P315 INTRAVENOUS ACETAMINOPHEN DOES NOT REDUCE PERI-OPERATIVE ACUTE PAIN OR NARCOTIC USE IN BARIATRIC SURGERY PATIENTS Amy L Rosenbluth, BS, Morgan A Bresnick, MD, Renee Tholey, MD, Kathleen Lamb, MD, Michael R Kammerer, MD, Alec C Beekley, MD, David S Tichansky, MD; Thomas Jefferson University

P316 ANTHROPOMETRIC CHANGES MAY PREDICT CO-MORBIDITIES Ajjana Techagumpuch, Dr, Pakkavuth Chansangphuvana, Dr, Soravitth Vajitornakul, Dr, Chadin Tharavej, Dr, Supphat Pungpapong, Dr, Patpong Navicharem, Dr, Suthep Udomsawangsup, Dr; Department of Surgery, Chulalongkorn University, Bangkok, Thailand

P317 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 Jumer I Choudhry, 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 Jamali, 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, Suhaiman Almazeedi, MD, Talib Jumaa, MD, FACS, Khaleed Al-Enezi, MD, FRCS, Waleed Bastaki, MD, FACS; Amiri Hospital, Kuwait

P321 PREGNANCY AND THE BARIATRIC PATIENT Maria Altiere, 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, Ratna Shenoy, MD, Jesse Clanton, MD, Michael Subichin, MD, Ashley Bohon, Marta Maksuewski, 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 Ellie K Choulilard, MD, PhD, Ronald Daher, MD, Georges Khoury, MD, Elias Chahine, MD, Nelson Trelles, MD; Division of Bariatric Surgery, Department of General Surgery, Poissy Saint Germain Medical Center

P325 SINGLE-SITE LAPAROSCOPIC GASTRIC BAND VERSUS MULTIPORT LAPAROSCOPIC GASTRIC BAND: A MATCHED RETROSPECTIVE STUDY Anthony M Gonzalez, MD, FACS, FASMBS, Jorge R Rabaza, MD, FACS, FASMBS, Rey J Romero, MD, Pedro E Garcia Quintero, MD, Christian Hernandez Mucia, MD; Baptist Health South Florida

P326 IS BARIATRIC SURGERY SAFE IN PATIENTS WITH CIRRHOSIS? AN ANALYSIS OF SHORT-TERM OUTCOMES Andrew Smith, Ahmad Elnahas, Allan Okrainec, Fayez Quershey, 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 Quershey, 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 Andreis 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 Chanswamyphuvana, MD, Soravitth Vijitponruk, MD, Ajajna Techachumphuch, 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, Jussielle S Barros, Rayssa A B de Melo, Gustavo L Carvalho, PhD; University of Pernambuco, Faculty of Medical Sciences

P331 LAPAROSCOPIC NISSEN FUNDUPLICATION 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, Jussielle 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, Patricia 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, Patricia Lamoza, MD, Lionel Urrutia, MD, Alvaro Bustos, MD, Marco Schulz, MD, Eduardo Luna, MD, Macarena Haddad, MD; Clinica Las Condes

P335 BARIATRIC SURGERY REVISIONS AFTER UNSUCCESSFUL WEIGHT LOSS: OUTCOMES AND COMPLICATIONS Abhishek Srivastava, MD, Stelin Johnson, PA, Jenny J Choi, MD, Diego R Camacho, MD, Pratibha Vemulapalli, MD; Department of Surgery, Montefiore Medical Center, Albert Einstein Medical College, Bronx, NY

P336 PRELIMINARY FEASIBILITY OF AN INTERDISCIPLINARY STUDY IDENTIFYING PREDICTORS OF SUCCESS IN BARIATRIC SURGERY: NEUROIMAGING MEETS SURGICAL WEIGHT LOSS Kasey O’Neil, BS, Janet Ng, PhD, Darren Tishler, MD, Pavlos Papasavas, MD, Beth Anderson, PhD, Heddy Kober, PhD, Haley Yarosh, PhD, Rebecca Boswell, BA, Andrea Stone, BA, Glenn Teisman, 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 Prathvananich, 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 LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING: A RETROSPECTIVE STUDY OF MEDICAL WEIGHT LOSS PROGRAM Mark A Fusco, MD; HEALTH FIRST LIFESHAPE WEIGHT LOSS MEDICAL WEIGHT LOSS PROGRAM

P339 A PROSPECTIVE CONTROLLED STUDY OF GASTRIC BYPASS SURGERY FOR THE TYPE 2 DIABETES PATIENTS WITH OR WITHOUT OBESITY Ke Gong, MD, Nengwei Zhang, MD, Dexiao Du, MD, Bin Zhu, MD, Dongbo Lian, MD, Zhen Zhang, MD; Shijitan Hospital, Capital Medical University, Beijing, China

P340 LAPAROSCOPIC MANAGEMENT OF ABDOMINAL ABSCESS ASSOCIATED TO GASTRIC BAND Veronica V Hernandez-Najera, MD, Lucas O Tijerina-Gomez, MD, Eduardo A Flores-Villalba, MD, Adali Barragán-Farias; Hospital San José Tec de Monterrey, TEC Salud.

P341 GENDER-SPECIFIC OUTCOMES AFTER LAPAROSCOPIC ADJUSTABLE GASTRIC BANDING Vadim Avulov, DO, David Brans, MD, FACS, Pamela J O’Brien, RN, MSN, NPC, Sara Tortorici, RN, MSN, NPC, Dmitry Nepomnyashchy, MD, FACS; Lahey Clinic
P365 A NOVEL METHOD OF LAPAROSCOPIC PORT SITE CLOSURE TO SIGNIFICANTLY DECREASE POSTOPERATIVE SURGICAL SITE PAIN Aram E. Jawed, MD, Alexander D. Abkin, MD, FACS, Eric A. Abkin, MD, 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, SHENJING HOSPITAL, CHINA MEDICAL UNIVERSITY.

P367 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC SUBTOTAL GASTRIC RESECTION FOR BENIGN GASTRODUODENAL ULCER Yonghsing Chen, Shuodong Wu; Biliary & Vascular Unit, Department of General Surgery, Shengjing Hospital of China Medical University

P368 LAPAROSCOPIC LUMBAR ARTERY LIGATION FOR THE TREATMENT OF TYPE II ENDOLEAK AFTER ENDOVASCULAR ANEURYSM REPAIR (EVAR) Saseem Poudel, MD, Dai Miyazaki, MD, Yuma Ebihara, MD, PhD, Suguru Kubota, MD, PhD, Yo Kurashima, MD, 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 Garíjo, 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, Cristophder Saltzman, 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 W 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-Hoit, MD; Tec de Monterrey

P373 SINGLE-INCISION LAPAROSCOPIC CHOLECYSTOSTEOJUNOSTOMY WITH ILEUM INTERPOSITION FOR MALIGNANT BILIARY OBSTRUCTION Shuodong Wu, Hong Yu, Yu Tian, Yongnan Li, Min Li; Shengjing Hospital of China Medical University

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

P375 SINGLE INCISION LAPAROSCOPIC SURGERY FOR THE DIFFICULT CHOLECYSTECTOMY Hirota B Sasada, MD, Funimori Wakayama, MD, Kohji Nagao, MD, Tadashi Iwabuchi, MD, Nobuo Yagihashi, MD, Shunichi 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 Mitsuhashi, MD, Shigeaki Baba, PhD; International Goodwill Hospital

P377 IS SINGLE-PORT ACCESS SURGERY A VIABLE APPROACH FOR VENTRAL HERNIA REPAIR? COMPARISON WITH SINGLE INCISION MULTIPORT SURGERY Martin Gascón, MD, Jesús Garíjo, MD; Hospital de Torrejón, Madrid, Spain

P378 THE RISE AND FALL OF SINGLE INCISION SURGERY AT COMMUNITY HOSPITAL TEACHING PROGRAM W. Borden Hooks III, MD, Khoi Le, MD, Thomas V Clancy, MD, William W. Hope, MD; New Hanover Regional Medical Center

P379 LAPAROSCOPIC EVALUATION FOR POST-OPERATIVE ABDOMINAL PAIN Maliteh Khoosavi, MD; Imam Reza hospital

P380 SINGLE-PORT ACCESS CHOLECYSTECTOMY. A COMPARATIVE STUDY OF 150 PATIENTS WITH THE GOLD STANDARD Jesús Garíjo, MD, Martin Gascón, MD; Hospital de Torrejón, Madrid, Spain

P381 EQUIPMENT VARIATION IN LAPAROSCOPIC CHOLECYSTECTOMY Ayman E. Ahmed, MBBS, Sayeed Ikramuddin, MD, Susan M. Walters, RN, H. Tracy Davido, MD; University of Minnesota

P382 LAPAROSCOPIC VERSUS OPEN APPENDECTOMY FOR COMPLICATED APPENDICITIS: TERTIARY CARE EXPERIENCE Ravinder Pal Singh Babra, BS, FMAS, Jaspal Singh Sethi, MS, Abhijit Ranjan Chakraborty, MD, MS, MD, MS; JNN Medical College & Hospital, Rajnagar, Lucknow, Uttar Pradesh, India

P383 LAPAROSCOPIC MANAGEMENT OF COMPLICATED APPENDICITIS, Wasel N Abdelsalam, MD, Khaled M Katri, MD, Galal M Aboouelnagah, MD, Mohamed K Elsaidy, MD, Aly Atteya, MD, Elsaid Elkayal, MD, Mustafa Gamal, MRCS, Mohamed Sharara, MD, Tamer N Abdelbaki, MD; University of Alexandria Faculty of Medicine

P384 Withdrawn

P385 COST ANALYSIS OF LAPAROSCOPIC SPLENECTOMY FOR LIVER CIRRHOTIC PATIENTS WITH MASSIVE SPLENOMEGALY BASED ON THE LEARNING CURVE Mingjun Wang, PhD, Jin Zhou, PhD, Zhong Wu, PhD, Xin Wang, PhD, Bing Peng, PhD; Department of HepatopancreatoBiliary Surgery, West China Hospital, No. 37, Guoxue Alley, Chengdu, Sichuan, 610041, China

P386 AN ELEGANT OPERATIVE APPROACH TO GASTRIC OUTLET OBSTRUCTION FOLLOWING VERTICAL BANDED GASTROPLASTY S M Streit, MD, Rona Pulliat, MD, MS, MRCS, FACS, Mark A Lockett, MD, Thomas C Eustis, MD; Medical University of South Carolina

P387 SINGLE INCISION LAPAROSCOPIC CHOLECYSTECTOMY Nihat Yavuz, MD, Serkan Teksoz, MD, Engin Hatipoglu, MD, Sabri Erguney, MD, Osman Tortum, MD, Tuna Yildirim, MD, Sıri Ozkan, MD; Istanbul University, Cerrahpasa Medical School, General Surgery Department

P388 Withdrawn

P389 SINGLE PORT HAND - ASSISTED LAPAROSCOPY USING A RIGID RECTOSIGMOIDOSCOPE, A LIGHT SOURCE AND MANUAL INSUFFLATORS IN LOW INCOME SETTINGS Abdulkadir Yakubu, MD, MSc, PhD, Musa Ibrahim, MD, MSc, PhD; Department of Surgery, Kazaare General Hospital, Jigawa State, Nigeria; Paediatric Surgical Unit, Murtala Muhammad Specialist Hospital, Kano State, Nigeria

P390 LAPAROSCOPIC RESECTION OF RETROPERITONEAL SCHWANNOMA: SUMMARY OF DIAGNOSIS, SURGICAL AND PATHOLOGIC OUTCOMES Myung Jae Jung, Dr, Hongkyoung Hwang, Dr, Chang Moo Kang, Dr, Woo Jung Lee, Pf; Yonsei University Severance Hospital
P403 DURING LAPAROSCOPIC CHOLECYSTECTOMY; CYSTIC ARTERY CAN BE CAUTERIZED SAFELY Sherwan Aziz, MBChB, MSc; Hawler medical university

P404 NEUROENDOCRINE TUMOURS OF THE APPENDIX: 2 CASE REPORTS OF SUCCESSFUL CURATIVE TREATMENT Alexandre C. Stanescu, MD, Marius Nedelcu, MD, Anamaria Nedelcu, MD, Liano M Ples, MD, Bernhard Egger, Professor, of; Surgery; HFR Fribourg-Cantonal Hospital Switzerland, CHU Montpellier France, HUG Genève-Switzerland, Sf. Ioan University Hospital, Bucharest

P405 DIRECT ACCESS ERCP: A NOVEL AND RELIABLE SURGICAL TECHNIQUE FOR PATIENTS WITH ROUX-EN-Y ANATOMY Cheryl Lin, MD, Robert J Aragon, MD, Aaron D Carr, MD, Mohamed R Ali, MD, FACS; Department of Surgery, University of California, Davis.

P406 DIAPHRAGMATIC PACING CAN SUBJECTIVELY IMPROVE SYMPTOMS AND QUALITY OF LIFE IN PATIENTS WITH IDIOPATHIC DIAPHRAGMATIC DYSFUNCTION Vikram Vattipally, MD, Raymond P Onders, MD, MaryJo Elmo, ACNP, Eric M Paul, MD; 1 Penn State Hershey Medical Center, Hershey, Pennsylvania. 2 University Hospitals Case Medical Center, Cleveland, Ohio

P407 SINGLE STAGE CONVERSION OF LAPAROSCOPIC ADJUSTABLE GASTRIC BAND (LAGB) TO MODIFIED LAPAROSCOPIC DUODENAL SWITCH (DS) Andrew R Brownlee, MD, Yuriy Dudiy, MD, Kelsey Gibson, Erica Bromberg, BA, Mitchell Roslin, MD, FACS; Lenox Hill Hospital

P408 REPAIR OF DIAPHRAGMATIC DEFECT COMPLICATING PERITONEAL DIALYSIS WITH LAPAROSCOPIC AND THORACOSCOPIC APPROACH Melissa L Maxey, MD, Thomas L Novick, MD, James M Nottingham, MD; University of South Carolina

P409 TOTALLY LAPAROSCOPIC VESICO-CUTANEOUS 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, Zannoor Del Real Romo, MD, David Martinez, MD; Texas Endosurgery Medical Center, Cleveland, Ohio

P410 THE STRATEGY AND TECHNIQUE OF LAPAROSCOPIC Pancreaticjejunostomy Weiwei Jin, MS, Yiping Mou, MD, FACS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

P411 SHORT-TERM SURGICAL AND LONG-TERM SURVIVAL OUTCOMES AFTER LAPAROSCOPIC DISTAL GASTRECTOMY WITH D2 LYMPHADENECTOMY FOR GASTRIC CANCER Xiaowu Xu, MD, Yiping Mou, MD, FACS; Ke Chen, MS; Department of General Surgery, Sir Run Run Shaw Hospital, School of Medicine, Zhejiang University

P412 TOOLS FOR ONE PORT LAPAROSCOPIC SURGERY Fausto Davila, MD, Gloria Gonzalez Uribe, MD, Daniel Tsin, MD, Martha R. Davila, MD, Ulises Davila, MD, Andrea Tinelli, MD; Hosp. FDS, Poza Rica, Ver, Mexico

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 INTRAPERITONEAL APPENDICEAL TUMOR FROM THE SIGMOID COLONIC WALL UNDER COLONOSCOPIC VISUALIZATION. Kelachi Akuma, MD, Luca Milone, MD, PhD, Julio Teixeira, MD, FACS; St. Johns Riverside Hospital, Yonkers. New York
Poster Listing

P415 Virtually Scarless Laparoscopy for Gastrointestinal and Gynecologic Procedures: A Novel Technique
Gabriel Gonzalez, MD, Juan F Molina-Lopez, MD, Isaac Boley, MD, Karla S Martin, MD, Luis Valencer, 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?
Jude R Brownlee, MD, Yuri Budiy, 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
Nina Zaka, 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; UPMMC Mercy

P419 Transvaginal Laparoscopic Appendectomy Simultaneously With Vaginal Hysterectomy: Icing on the Cake
Keiichi Oh, MD, PhD, Shuodong Wu, Yinghan Chen, Danbo Wang; Department of General Surgery, Shengjing Hospital, China Medical University

P420 Hybrid Natural Orifice Transluminal Endoscopic Surgery: Laparoscope-Assisted Endoscopic Full-Thickness Resection of Gastrointestinal GIST
Masao Fujiiwarawa, MD, PhD, Hirohito Mori, MD, PhD, Yuji Nishizawa, MD, PhD, Akihiro Kondo, MD, Keiichi Okano, MD, PhD, Tsutom Masaki, MD, PhD, Yasuyuki Suzuki, MD, PhD; 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 Horn Resection – An Experimental Study in a Porcine Model
Maria Bergstrom, MD, PhD, Ashgar 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 Colonization 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, Gothenburg University, Gothenburg, Sweden

P423 A Diverse Range of Applications of Transanal Minimally Invasive Surgery
Jung Myun Kwak, MD, PhD, Jin Kim, MD, PhD, Seon Hahn Kim, MD, PhD, Sung Ock Suh, MD, PhD; Korea University College of Medicine

P424 Defining the Learning Curve for Transanal Minimally Invasive Surgery (TAMIS)
Henry 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 Hospital

P425 Transanal Minimally Invasive Surgery (TAMIS): Challenging the Limits of Traditional Local Excision
Danielle M Giesler, MD, Mark A Casillas, Jr., MS, MD; The University of Tennessee Graduate School of Medicine, Department of Surgery

P426 Preliminary Face Validation of a Virtual Transluminal Endoscopic Surgery Trainer (VTEST)
Woojin Ahn, PhD, Sourabh Dugar, 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 Horoupian, MD, Ajay K Upadhyay, MD; Alta Bates Summit Medical Center (Oakland and Berkeley, California), St. Rose Hospital (Hayward, California)

P428 Creating Efficiency in Per Oral Endoscopic Myotomy
Homero Rivas, MD, MBA, Shushmita Ahmed, MD, Michael Russo, MD; Stanford University School of Medicine

P429 Durability of the Effect of Versusversus Abdominis Plane Blocks on Patient Outcomes in Laparoscopic Colorectal Surgery: Review of 200 Consecutive Cases
Deborah S Keller, MS, MD, Benjamin Crawford, MD, Bridget O Ermich, RN, MSN, CCRP, Conor P Delaney, MD, MCH, PhD; University Hospitals-Case Medical Center, Case Western Reserve University

P430 Predictors of Venous Thromboembolism in Open and Laparoscopic Bariatric Surgery
Ivy N Haskins, MD, Richard Amur, PhD, Khayshayar Yaziri, MD, FACS; George Washington University Department of General Surgery

P431 Outcomes of Laparoscopic versus Open Ladd’s Procedure for Intestinal Malrotation in Adults
Lane Frasier, MD, Glen E Leversen, PhD, Ankush Gosain, MD, PhD, Jacob A Greenberg, MD, EdM; University of Wisconsin Hospital and Clinics, Department of Surgery

P432 Robotic-assisted Laparoscopic Bilipancreatic Diverion with Duodenal Switch: Learning Curve and Progress in Five Years of Practice
Jewante Sucandy, MD, Gimtars Antanavicius, MD, FACS; Abington Memorial Hospital, PA

P433 Minimally Invasive Approach to Small Bowel Obstruction Caused by Metastatic Lung Cancer
Mahran M John, MD, Harish Nirujogi, MD, Vishweshwar Harest, MD, Velleare Parthivath, MD, Masooma Niazi, MD; Bronx Lebanon Hospital Center, Bronx, NY

P434 The Controversy of Propylactic IV Filters in High Risk Patients Undergoing Gastric Bypass Surgery
B Jakub Wilhelm, MD, Aniket K Sakharpe, MD, MPH, Manthan Makadia, MD, Leopoldo M Baccaro, MD, Vinoy Singhal, MD; Easton Hospital, Drexel University College of Medicine

P435 The Powered Echelon Flex Endopath Stapler (EFPE) Leads to Less Postoperative Hemorrhage Following Laparoscopic Roux-en-y Gastric Bypass; Evidence for an Unanticipated Benefit from the Powered Staple Device
Darrell P Doucette, MD, John J Kelly, MD, Donald R Czerniach, MD, Philip A Cohen, MD, Richard A Perugini, MD; UMass Medical Center

P436 Two Year Prospective Follow up of Bowel Function after Cholecystectomy in 100 Patients
Matthew Zapf, BA, Woody Denham, MD, Ermilo Barrera, MD, Chih E Wang, PhD, Zeeshan Butt, PhD, JoAnn Carbray, BS, John Linn, MD, Michael Ujiki, MD; NorthShore University HealthSystem

P437 Predictors of Adenoma Detection in Colonoscopy by Gastroenterologists and General Surgeons
B Evans, MD, Bogaanurkar, MD, FRPSC, Dpace, MD, FRCSC, N Hickey, M O’Leary, G Fallows, J McGrath; Memorial University of Newfoundland, Queens University
Poster Listing

P438 SUCCESSFUL MEDICAL MANAGEMENT OF GASTRIC AFTER MINIMALLY INVASIVE THREE FIELDS ESOFAEGECTOMY BY ACHALASIA MEGAESOPHAGUS
Evelyn Dorado, DR, Andres Romero, DR; FUNDACION CLINICA VALLE DEL IQUI CUI COLOMBIA

P439 SHOULD WE ROUTINELY TRANSFUSE PLATELET FOR IMMUNE THROMBOCYTOPENIA PATIENTS WITH EXTREME LOW PLATELET COUNT WHO UNDERWENT LAPAROSCOPIC SPLENECTOMY? Yunjiang Cai, PhD, Xubao Liu, PhD, Xin Wang, PhD, Bing Peng, PhD; Department of Hepatopancreatoobiliary Surgery, West China Hospital, Sichuan University

P440 LAPAROSCOPIC SPLENECTOMY FOR BENIGN SPLENIC TUMOR: ANOTHER GOLDEN STANDARD Ali Wajid, PhD, Yongbin Li, PhD, Bing Peng, PhD; Department of Hepatopancreatoobiliary Surgery, West China Hospital, Sichuan University

P441 A MEASURE OF RECOVERY AFTER LAPAROSCOPIC VS OPEN ABDOMINAL SURGERY IN ELDERLY PATIENTS Fadi Hamadani, MD, Sharon Fraser, MD, FRCS, FACS, Michele Monette, MSc, Gева Maimon, PhD, Nadia Sourial, MSc, Debbie Teasdale, RN, Helena Zakrzewski, BSc, Simon Bergman, MD, MSc, FRSCC, FACS; Jewish General Hospital, McGill University

P442 LAPAROSCOPIC GASTRIC BYPASS GASTROJEJUNOSTOMY CONSTRUCTION TECHNIQUE CORRELATES WITH ANASTOMOTIC COMPLICATIONS Alex W Lois, BS, Matthew J Frelich, MS, Matthew I Goldblatt, MD, James R Wallace, MD, PhD, Jon C Gould, MD; Department of Surgery, Division of General Surgery, Medical College of Wisconsin

P443 GASTRIC VOLVULUS AFTER LAPAROSCOPIC PANCREATECTOMY Elsa B Valsdottir, MD, Sindic A Viktornsson, MD; Landspitali University Hospital, University of Iceland Medical School

P444 GASTRIC BYPASS AND SIGNIFICANT SURGICALLY INDUCED WEIGHT LOSS IS ASSOCIATED WITH DECREASED BONE MINERAL DENSITY Alex W Lois, BS, Matthew J Frelich, MS, Matthew I Goldblatt, MD, Nedra L Ohm, RN, Catherine R English, RN, James R Wallace, MD, PhD, Jon C Gould, MD; Department of Surgery, Division of General Surgery, Medical College of Wisconsin

P445 MANAGEMENT OF COMPLICATED APPENDICITIS: IS LAPARO-ENDOSCOPIC SINGLE SITE SURGERY (LESS) A SAFE OPTION? Fernando Arias, MD, FACS, Natalia Cortes, MD, Marcos E Pozo, MD, Adolfo Torres, MD, Gabriel Herrera-Almario, MD; University Hospital Fundacion Santa Fe de Bogota; Bogota, Colombia

P446 THE EFFICACY OF A NOVEL SPRAYABLE BIOPOLYMER BARRIER IN THE PREVENTION OF POSTOPERATIVE ADHESIONS Lauren A Costella, Angela Piñeros-Fernández, MD, George T Rodeheaver, PhD, Michael J Danilich, PhD, Patrick S Cottler, PhD; Luna Innovations Incorporated, University of Virginia Health System Department of Plastic Surgery

P447 EXPERIENCE OF SINGLE-INCISION LAPAROSCOPIC SURGERY FOR THE SMALL INTESTINE LESION Shingo Itto, Kazuhiro Sakamoto, Yuichi Tomiki, Atsushi Okuzawa, Michitoshi Goto, Yutaka Kojima, Hiromitsu Komiyama, Makoto Takahashi, Yukihito Yaginuma, Shun Ishiyama, Kiichi Sugiyama, Masaya Kawai, Kazuhiro Takehara, Shinya Munakata, Hisashi Ro, Kosuke Mizukoshi, Jun Aoki, Yuu Okazawa, Rina Takahashi, Kumpei Honjo, Ryosuke Ichikawa, Kazumasa Kure; Department of Coloproctological Surgery, Faculty of Medicine, Juntendo University

P448 VALIDATION OF THE SF-36 AS A MEASURE OF POSTOPERATIVE RECOVERY AFTER COLORECTAL SURGERY Ioana Antonescu, MD, Francesco Carli, MD, MPhil, FRCA, FRCP, Nancy E Mayo, PhD, Liane S Feldman, MD, FRSCC, FACS; McGill University Health Centre, Department of Surgery

P449 LONG TERM OUTCOMES OF INTRATHORACIC STOMACH REPAIR WITH CRURAL REINFORCEMENT USING VICRYL MESH AND BIOGLUE Jessica L Reynolds, MD, Joerg Zehetner, MD, Nikolai Bilduzewicz, MD, Namir Katkhouda, MD, Elizabeth Hong, Jonathan C Cash, MD, John C Lipham, MD; Keck Medical Center of the University of Southern California, Los Angeles, CA

P450 IS BLIND NASO-GASTRIC TUBE INSERTION SAFE AFTER SLEEVE GASTRECTOMY? A PORCINE MODEL Thomas Fabian, MD, Lauren Naille, BA, Mara McErlean, MD; Albany Medical College

P451 Withdrawn

P452 MINIMALLY INVASIVE DUODENOOJEJUNOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME Zhuo Sun, MD, John Rodriguez, MD, John Michael, R Matthew Walsh, MD, Srirachan 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 TRAVERSEPHAGEAL ECOCARDIOGRAPHY COULD PREVENT CRITICAL CARBON DIOXIDE GAS EMBOLISM IN LAPAROSCOPIC LIVER RESECTION. Akihiko Oshita, MD, PhD, Masahide Shizawa, 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, Mohiei Kouyama, MD, PhD, Yui Imamura, MD, PhD, Masakazu Nakao, MD, PhD, Astushi Nakamitsu, MD, PhD; JA Hiroshima General Hospital

P454 SCREENING FOR PROTHROMBOTIC STATES DOES NOT IDENTIFY PATIENTS AT RISK FOR PORTAL AND SPLENIC VEIN THROMBUS FOLLOWING LAPAROSCOPIC SPLENECTOMY Namdar Manouchebri, Pepa Kaneva, Chantal Séguin, Giovanni P Artho, Gerald M Fried, Uane S Feldman, McGill University Health Centre

P455 HOSPITAL READMISSION FOLLOWING APPENDECTOMY, CHOLECYSTECTOMY, AND HERNIORRHAPHY Brian C Hill, MD, Saad A Shebrain, MBBCh, FACS, Leonarda H Burke, MPA, CCRP, Shivani Shah, MD, Ethan J Maltz; Western Michigan University School of Medicine

P456 MECKEL’S DIVERTICULUM – A FIVE YEAR INPATIENT ANALYSIS Shadi Al-Bahri, MD, Gregory Burgoyne, MD; Department of Surgery, MedStar Union Memorial Hospital, Baltimore, MD

P457 MINILAPAROSCOPIC CHOLECYSTECTOMY IS ASSOCIATED WITH A LOWER BILE DUCT INJURY RATE A SYSTEMATIC REVIEW Diego L Lima, MD, Gildo O Passos Junior, MD, Juscielle S Barros, Ingrid V. L. 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, Tomas 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 DEVICES Nicole T Townsend, MD, Edward Jones, MD, Alessandro Paniccia, MD, Greg V Siegmann, MD, Thomas N Robinson, MD; University of Colorado
Poster Listing

P460 SURGICAL TREATMENT OF MEDICALLY REFRACTORY GASTROPE SIS IN MOR B IDLY OBSE S PATIENTS Zh u, Su, MD, John Rodr iguez, MD, John McMichael, Bipan Chand, MD, Stacy B rathauer, MD, Phillip Schauer, MD, Kevin ElHayek, MD, Matthew D Kroh, MD; 1 Digestive Disease Institute, Cleveland Clinic, Cleveland, OH; 2 Department of Surgery, Loyola University, Maywood, IL

P461 A PICTURE IS WORTH A THOUSAND WORDS: EMBEDDED IMAGES WITHIN OPERATIVE REPORTS IMPROVE UNDERSTANDING AND QUALITY Emily Huang, MD, Jonathan Carter, MD; University of California San Francisco

P462 TREATMENT OF UNRESOLVED SMALL BOWEL OBSTRUCTION OF DIFFERENT ORIG INS USING LAPAROSCOPY Juan D Hernandez, MD, Ricardo N assar, MD; Hospital Universitaria Fundacion Santa Fe de Bogota and Universidad de los Andes

P463 COMB ING APPENDECTOMY WITH CHOLECYSTECTOMY: IS IT WORTH THE RISK? Mimi Kim, MD, Bindhu Oomen, 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 Casti llo, MD, Lucy M De La Cruz, MD, Leonardo Tamariz, MD, MPH, S inivas Kaza, MD, FACS; University of Miami, Regional Campus, West Palm Beach, Florida

P465 ROBOTIC-ASSISTED ABDOMINOPERINEAL RESECTION: EFFICACY AND SAFETY IN A COMMUNITY HOSPITAL SETTING.. Marcus F Yarbrough, MD, *Subhasis Misra, MD, MS, FACCWS; Department of Surgery CTCA Midwestern Hospital, Zion, IL. *Texas Tech University Health Science Center – Amarillo, TX

P466 EVALUATING THE COLLABORATIVE APPROACH TO THE IMPLEMENTATION OF ROBOTIC KIDNEY SURGERY Timothy Johnson, MD, Roc McCarthy, DO, Ashley Adams, BS, Thomas V Clancy, MD, William W Hope, MD; New Hanover Regional Medical Center

P467 OUT BY 3:30 – A STUDY IN BARIATRIC ROBOTIC SURGERY EFFICIENCY Hernan D Urreaga, 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, S inivas 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 Lordin, 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 Mozapoule, MD, Adam S Rosenstock, MD, Stephen G Pereira, MD; Hackenruck 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 PARAESOPHAGEAL HERNIA REPAIR: A SINGLE CENTER EXPERIENCE Vanitha Vasudevan, MD, Kandace Kichler, MD, Lucy De La Cruz, MD, S inivas Kaza, MD; University of Miami Miller School of Medicine Palm Beach Regional Campus, Atlantis, FL

P474 A SINGLE SURGEON’S EXPERIENCE OF SINGLE SITE ROBOTIC CHOLECYSTECTOMY: THE TIMELINE OF PROGRESS Shahida Bibi, MD, Jasna Coralic, FACS, Mohmed Bayoumi, MD, Minub Khorasani, FACS, Leela M Prasad, FACS, FASCRS; Advocate Lutheran General Hospital Park Ridge Illinois

P475 ROBOTIC SINGLE SITE CHOLECYSTECTOMY: RETROSPECTIVE OUTCOME ANALYSIS FROM A HIGH VOLUME COMMUNITY HOSPITAL Vanitha Vasudevan, MD, Lucy De La Cruz, MD, Kandace Kichler, MD, S inivas 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 Hamdy S Abd Allah, PhD, Gastrointestinal Surgery Unit, General Surgery Department, Faculty Of Medicine, Tanta University

P479 HAND-ASSISTED LAPAROSCOPIC SPLENECTOMY FOR MALIGNANT LYMPHOMA OF THE SPLEEN Michiya Kobayashi, MD, PhD, Ken Okamoto, MD, PhD, Hiroimichi Masaeda, MD, PhD, Hiroiuki Kitagawa MD, PhD, Tsutomu Namikawa, MD, PhD, Ken Dabanaka, MD, PhD, Daisuke Nakamura, MD, Koji Oba, PhD, Kazuhiro Hanazaki, MD, PhD; Department of Human Health and Medical Sciences, Kochi Medical School, Nankoku, Japan

P480 TRANSUMBILICAL SINGLE-INCISION LAPAROSCOPIC SPLENECTOMY USING CONVENTIONAL INSTRUMENTS: PRELIMINARY EXPERIENCE IN CONSECUTIVE PATIENTS AND COMPARISON TO STANDARD MULTIPLE-INCISION LAPAROSCOPIC SPLENECTOMY Ying Fan, Shuodong Wu; Department of the Second General Surgery, Shengjing Hospital of China Medical University, Shenyang City, Liaoning Province, People’s Republic of China

P481 LAPAROSCOPIC-ASSISTED AUTOTRANSPLANTATION OF A RAT Russell Millar, MD, MPH, Rashad G Choudry, MD, Radi Zaki, MD; Albert Einstein Healthcare Network
Poster Listing

P482 SINGLE INCISION LAPAROSCOPIC SPLENECTOMY: FEASIBILITY AND COMPARISON TO MULTIPOINT LAPAROSCOPIC SPLENECTOMY. Masataka Ikeda, MD, Mitsugu Sekimoto, MD, Koji Takami, MD, Motohiro Hirao, MD, Michihiko Miyazaki, MD, Hideyasu Ohmiya, MD, Atsushi Miyamoto, MD, Kazuhiro Nishikawa, MD, Tadashi Asaoka, MD, Masakazu Miyake, MD, Kazuyoshi Yamamoto, MD, Naotsugu Haraguchi, MD, Shoji Nakamori, MD; Osaka National Hospital

P483 LAPAROSCOPIC SPLENECTOMY. Burhan Mayir, Tuna Bilecik, Umit Koc, Cemal Ozben Ensari, Mehmet Tahir Oruc, Nurullah Bulbul, Antalya Education and Research Hospital

P484 WANDERING SPLEEN PRESENTING WITH TORSION, ITP EXACERBATION. Eric W Owings, MD, Sagar Gandhi, MD, Todd Nickloes, DO, Andrea M Alexander, MD; 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, Dr, Bijendra Patel, Mr, Hitendra Patel, Professor; Barts Cancer Institute Queen Mary University of London

P487 RENAL PARENCHYMA PERFUSION DURING LAPAROSCOPIC DONOR NEPHRECTOMY. Adam J Reid, MD, Myron Powell, MD, Carl Westcott, MD; Wake Forest University Baptist Medical Center

P488 LAPAROSCOPIC ASSISTED SPLENECTOMY FOR SPLENOMEGALY BY MALIGNANT LYMPHOMA AND HYPERSPLENISMS. Shiniro Taniyasu, MD, PhD, Kazutoshi Okabe, MD, PhD, Hiroyuki Komori, MD, Osamu Sano, MD, Akira Tsuji, MD, Hiroshi Tanaka, MD, Shinji Ishikawa, MD, PhD, Hiroki Sugita, MD, PhD, Tetsumasa Arita, MD, PhD, Yasushi Yagi, MD, PhD, Tsuyoshi Yamanaka, MD, PhD, Masahiko Hirota, MD, PhD, Toru Beppu, MD, PhD, FACS, Hideo Baba, MD, PhD, FACS; Kumamoto Regional Medical Center
Emerging Technology Poster Listing

ETP001 INDOCYANINE GREEN FLUORESCENT IMAGING FOR THE DETECTION OF PARATHYROID GLANDS: A PRECLINICAL STUDY
Yong-Joon Shin, MD, Jung-Woo Woo, MD, Young-Joon Chai, MD, Hyungju Kwon, MD, Se Hyun Paek, MD, Eunyoung Kim, MD, Il Yong Chung, MD, Kyu Hyung Kim, MD, Su-jin Kim, MD, June Young Choi, MD, Kyu Eun Lee, MD, PhD, Yong Taik Lim, PhD, Yeo-Kyu Youn, MD, PhD; Department of Surgery, Seoul National University Hospital and College of Medicine, Seoul, Korea

ETP002 TRANSANAL TOTAL MUSEORECTAL EXCISION WITH REAL-TIME, IMAGE-GUIDED STEREOTACTY
Sam A Atallah, MD, George Nassif, DO, Beatriz Martin-Perez, MD, Sergio W Larach, MD; Florida Hospital

ETP003 TRANSCRECTAL 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 Aldeghaithier, Benjie Tang, Donald McLean, Emma Wright, Zhigang Wang, Afshin Hasani, Javad Kojuri; Quality improvement in clinical Education Research Center, Shiraz University of Medical Sciences, Shiraz, Iran

ETP005 INVENTION OF PORTABLE, DIGITAL AND, FLEXIBLE VIDEO-ENDOSCOPE
Abdorrasoul Malekpour, Dr. Saeideh Zahedi, Bs, Hamed Hasani, Javad Kojuri; Quality improvement in clinical Education Research Center, Shiraz University of Medical Sciences, Shiraz, Iran

ETP006 PERORAL ESOPHAGEAL MYOTOMY VERSUS LAPAROSCOPIC HELLER MYOTOMY FOR ACHELASIA: A META-ANALYSIS
Minhan 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-Ho 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 Hae; Gyeongsang National University

ETP008 CONCEPT OF SOLO-SURGERY USING A LOCALLY OPERATED DETACHABLE END-EFFECTOR MANIPULATOR TO SUPPORT ENDOSCOPIC SURGERY
Yui Nishizawa, PhD, Toshikazu Kawai, PhD, Tatsuaki Nakamura, PhD, Masao Fujiwara, PhD, Keiichi Okano, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Faculty of Medicine, Kagawa University

ETP009 SINGLE-INCISION LAPAROSCOPIC APPROACH TO INTESTINAL PATHOLOGY
Masami Maeda, MD, Yui Nishizawa, PhD, Takayuki Fuji, MD, Akhiro Kondo, MD, Masao Fujiwara, PhD, Keiichi Okano, PhD, Yasuyuki Suzuki, PhD; Department of Gastroenterological Surgery, Kagawa University, Japan

ETP010 INTRACTABLE MARGINAL ULCER AFTER GASTRIC BYPASS IN MORBIDLY OBESE PATIENTS: A COMPARISON OF RY Bypass AND ONE ANASTOMOSIS MINI Bypass
Abdullah Almulali, MD, Wei-Jei Lee, MD, PhD, Jung-Chien Chen, MD, Kong-Han Ser, MD; Min-sheng general hospital, National Taiwan university

ETP011 EFFICACY OF LAPAROSCOPIC SALINE COUPLED RADIOFREQUENCY ELECTRO-SURGERY DEVICE IN MINIMALLY INVASIVE HEPATOBLIARY SURGERY
Ramanathan M Seshadri, MD, David J Niemeyer, MD, Ryan Z Swan, MD, David Sindram, MD, PhD, David A Iannitti, MD, John B Martinie, MD; Carolinas Medical Center

ETP012 I-LID - INSTRUMENT-DRIVEN LAPAROSCOPIC IMAGE DISPLAY
Francois I Luks, MD, Austin Y Ha, Derek L Merck, PhD, Eleanor A Fallon, MD, Sean S Ciullo, MD; Alpert Medical School of Brown University

ETP013 FIRST HUMAN EXPERIENCE USING THE DYNAMIC LAPAROSCOPIC NOVATRACT™ RETRACTOR
Koji Park, MD, Andrew J Duffy, MD, FACS, Kurt E Roberts, MD, FACS; Yale University School of Medicine

ETP014 RETRACTOR SYSTEM USING SUCKERS IN THE ARTIFICIAL ASCITES
Kotaro Kusu, BSc, Yoshihisa Matsunaga, Takuro Ishii, MSc, Kazuya Kawamura, PhD, Tatsuo Igarashi, MD, PhD; Chiba University

ETP015 NEW MAGNETIC DEVICE THAT ENABLES AND FACILITATES REDUCED PORT SURGERY
Alberto Rodriguez-Navarro, MD, Homero Rivas, MD, Ignacio Robles, MD, Alex Escalona, MD, Steven 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, Hadas Segal, Senior, Team, Leader, Maya Bloch, Product, Manager; Simbionix USA

ETP017 TORSIONAL MODE HEMORRHOIDECTOMY: A NEW PROCEDURE FOR THE MANAGEMENT OF HEMORRHOHIAL DISEASE
Paraskevas Theodossiou, PhD, Consultant, of, Surgery, George Alvanos, Anastasia Katselli, Palaiologos Doulgeroglou, Domna Fanidou; Athens General Hospital

ETP018 THE MITIE COMPUTERIZED LAPAROSCOPIC AND SURGICAL SKILLS (CLASS) TRAINER, A NOVEL PLATFORM TO PROVIDE VIRTUAL MENTORING AND TRACK LEARNING PROGRESS
Victor T Wilcox Jr, MD, Alberto 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
Eisichi Hirai, MD, Hideo Oishi, MD, Fumi Maeda, MD, Takeshi Ishita, MD, Masayuki Ishi, MD, Takuya Satou, MD, Takayuki Iino, MD, Hidekazu Kuramochi, MD, Shunsuke Onizawa, MD, Miki Homano, MD, Tutomu Nakamura, MD, Tatsuo Araida, MD; Division of Gastroenterological Surgery, Department of Surgery, Yachiyo Medical Center, Tokyo Women’s Medical University

ETP020 ARION PLASMA COAGULATION: NEW ENDOSCOPIC TECHNIQUE AND PERSONAL EXPERIENCE ON WEIGHT REGAIN AFTER GASTRIC BYPASS
Giorgio Baretta, PhD, Manoel Galvao Neto, MsC, Josemberg Campos, PhD, Joao Henrikne Lima, PhD; Center of Advanced Bariatric Endoscopy - Vita Batel Hospital

ETP021 OBJECTIVE ASSESSMENT OF THE SUTURE LIGATION METHOD FOR THE LAPAROSCOPIC INTESTINAL ANASTOMOSIS MODEL USING A NEW COMPUTERIZED SYSTEM
Munenori Uelemura, 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 Katayama, Makoto Hashizume, MD, PhD, FACS; Kyush University

ETP022 USE OF THE EXOSCOPE (VITOM) FOR OPEN TRAnSTHORACIC REPAIR OF RECURRENT TRACHEOESOPHAGEAL FISTULA IN A CHILD: ENHANCED VISUALIZATION AND DOCUMENTATION OF UNCOMMON CASES IN PEDIATRIC SURGERY
Philip K Frykman, MD, PhD, MBA, Scott S Short, MD, George Berci, MD; Division of Pediatric Surgery, Department of Surgery, Cedars-Sinai Medical Center
ETP023 A NOVEL ROBOTIC PLATFORM FOR AUTONOMOUS MIRI-GUIDED INTERVENTIONS M. Amari, N. Ducharme, T. Fielding, K. O. Chan, P. O. Steen, T. Chapman; Center for Surgical Innovation and Intervention, Hamilton, Ontario, Canada

ETP024 THE USE OF THE SPY ELITE INTRAOPERATIVE PERFUSION ASSESSMENT SYSTEM (INTRAOPERATIVE LASER FLUORESCENCE ANGIOGRAPHY) TO DETERMINE BOWEL PERFUSION IN THE MORIBIDLY OBESE PATIENT. Steven C. Tizio, MD, Mariisela Messenger, RN, BSN, MBA, Seema Iqfar, MD, Mario Alcantara, MD, James C Connaughton, MD, Jaime Mayoral, MD; Methodist Healthcare System of San Antonio

ETP025 FIRST HUMAN USE OF HYBRID BIOLOGIC-PERMANENT MESH IN A COMPLEX LAPAROSCOPIC HERNIA REPAIR Connor Wathen, Esam Batayyah, MD, Kevin El-Hayek, MD; Cleveland Clinic Foundation

ETP026 A LOW COST, PLUG AND PLAY, PC TABLET FOR INTRAHOSPITAL, INTERHOSPITAL AND INTERCONTINENTAL SURGICAL TELESTRADE AND TELEMENTORING. Ertai Bogen, MD, Knut Magne Augestad, MD, PhD, Stig Norderval, MD, PhD, Hiten Patel, MD, PhD, FRCs, Conor P Delaney, MD, MCh, PhD, FRCs, FACS, FACSrs, Rolv-Ole Lindsetmo, MD, PhD, MPH; Norwegian Centre of Teleremcine and Department of Surgery, University Hospital North-Norway, Tromsø, Norway; Department of Colorectal Surgery, University Hospitals Case Medical Centre, Cleveland, USA

ETP027 A NOVEL SMARTPHONE-BASED LAPAROSCOPIC TRAINING PLATFORM T Mizota, MD, G Enani, MBBS, Y Watanabe, MD, M C Vassiliou, MD, A Madani, MD, E Bilgic, S Paudel, MD, T Shichinohe, MD, S Hirano, MD, Y Kurashima, MD; Department of Gastroenterological Surgery II, Hokkaido University Graduate School, Sapporo, Hokkaido, Japan, Steingberg-Bernstein Centre for Minimally Invasive Surgery and Innovation, McGill University Health Centre, Montreal, Quebec, Canada

ETP028 QUANTIFICATION OF BODY SHAPE, SURFACE AREA AND VOLUME WITH WHITE LIGHT SCANNING IN HUMAN SUBJECTS John Pender, MD, Konstantinos Spaniolas, MD, William Chapman, MD, Edgar Moore, MD, Lyns Dohn, MD, Stephen Wohlgemuth, MD, Walter Pories, MD; East Carolina University and Easter Virginia Medical School

ETP029 ROBOTIC MANIPULATOR WITH MULTIPLE INSTRUMENTS FOR NOTES Abolfazl Pourghodrat, Carl A Nelson, PhD, Dmitry Oleynikov, MD; University of Nebraska Lincoln

ETP030 DEVELOPMENT AND UTILIZATION OF A CANINE MODEL TO ASSESS STAPLE LINE REINFORCEMENT MATERIALS IN THE ABDOMEN Michael Soltz, PhD, Ludovic Bourié, DVM, Clayton Ramey, DVM, Elizabeth Contini, BS, Dwight Bronson, MS, Tim Ebner, BS, Gerald Hodgkinson, PhD; Cleveland

ETP031 ABRASION ASSESSMENT OF STAPLE LINE REINFORCEMENT MATERIALS IN THE THORAX OF A CANINE Michael Soltz, PhD, Ludovic Bourié, DVM, Clayton Ramey, DVM, Elizabeth Contini, BS, Dwight Bronson, MS, Tim Ebner, BS, Gerald Hodgkinson, PhD; Cleveland

ETP032 LOWER ESOPHAGEAL SPHINCTER (LES) ELECTRICAL STIMULATION IMPROVES SLEEP QUALITY AND WORK PRODUCTIVITY IN PATIENTS WITH REFRACTORY GERD. Nicole Bouvy (1), Nicolaas F Rinema (1), Alex Escolarona (2), Jelle P鲁urda (3), Jose Conchillo (1), Arjan Bredenoord (4), Mark van berge Henegouwen (4), Philip Chiu (5), Michael Booth (6), Albis Hanl (7), D N Reddy (8), Andre Smout (4), Justin Wu (5), Peter D Siersma (4); 1Maastricht Universit Med Cent; 2Pontificia Uni Catolica de Chile; 3Unile Med Cr Utrecht; 4Academic Med Cr Amsterdam; 5Chinese Uni of Hong Kong; 6Wattena Specialist Cr Auckland NZ. 7Pontificia Uni Javeriana Bogota, COL. 8Asian Inst. of Gastro Hyderabad IN

ETP033 DEVELOPMENT OF AN ULTRASONIC DEVICE WITH UP TO 7-MM VESSEL SEALING CAPACITY Alissa L Welling, RVT, LATG, SRS, Karolyn R Tellio, MS, Jeffrey W Clymer, PhD, Joseph F Amaral, MD, FACS; Ethicon Endo-Surgery, Inc

ETP034 AUGMENTED VISUALIZATION IN ROBOTIC BARJATRIC SURGERY TO ASSESS ANASTOMOTIC PERFUSION Tomasz Rogula, MD, PhD, Tommy Fouse, DO. PGY; Cleveland Clinic, Cleveland Ohio; Affinity Medical Center, Massillon Ohio

ETP035 A NEW ENDOLUMINAL PLATFORM FOR ENDOSCOPIC REMOVAL OF DIFFICULT COLONIC LESIONS. Initial Clinical Experience. Sergey V Kantsvoy, MD, PhD, Marianne Bittner, CRNAs, B R Liu, MD, PhD, Gregory Piskun, MD; University of Maryland School of Medicine, Mercy Medical Center, Baltimore, Maryland, USA

ETP036 COMPARISON OF THE LONG-TERM HEALTH-RELATED QUALITY OF LIFE BETWEEN PERORAL ENDOSCOPIC MYOTOMY AND LAPAROSCOPIC HELLER MYOTOMY FOR ACHALASIA Mingtian Wei, MD, Hang Yi, MD, Zongguan Zhou, MD, Bing Hu, MD, Ziqiang Wang, MD; Department of Gastrointestinal Surgery, West China Hospital, Sichuan University

ETP037 Withdrawn

ETP038 IMPROVING REACHING CRITICAL VIEW OF SAFETY IN LAPAROSCOPIC CHOLECYSTECTOMY WITH TEACHING INTERVENTIONS. Maj Nijsen, MD; Imj Scheinemakers, MD, PhD, Gp van der Schelling, MD, Rmph Crolla, MD, Am Rijken, MD, PhD; Department of Surgery, Amphia Hospital, Breda

ETP039 EVALUATION OF EARLY WOUND HEALING IN GASTROJEJUNOSTOMIES AND COLOCOLOSTOMIES FORMED USING A NOVEL THREE ROW VARIABLE HEIGHT CIRCULAR STAPLER IN CANINES Marisha L Godek, PhD, MS, Elizabeth Contini, Andrew Miesse, MS, Patrick Miazdzierz, Michael Soltz, PhD, Dwight G Bronson, MS; Cavidien Surgical Solutions

ETP040 EVALUATION OF A WIRELESS HANDS-FREE SURGICAL POINT FOR SURGICAL INSTRUCTION K L Sireen, RVT, MLAT, S Hossain, B, MSc, C D W Ward, MSc, A L Trejos, PhD, R V Patel, PhD, PEng, FRCs, ICAE, FIEEE, FASME, FEIT, FEIC, M D Naish, PhD, PEng, C M Schlichta, BSc, Hans, MD, CM, FRCSC, FACS; Lawson Health Research Institute, CSTAR (Canadian Surgical Technologies and Advanced Robotics); Western University, Department of Surgery, Department of Mechanical and Materials Engineering, Department of Electrical and Computer Engineering

ETP041 A DIRECT MEASURE OF COPPER ABSORPTION IN HEALTHY VOLUNTEERS. Paul Tasker, FRCs, Joan Braganza, DSc, FRCP, Harbans Sharma, MSc, PhD, DSc; Manchester Royal Infirmary

ETP042 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 ACCELLULAR PORCINE DERMAL MATRIX INHIBITS IN VITRO M ETHICILLIN-RESISTANT STAPHYLOCOCCUS AUREUS (MRSA) BIOFILM FORMATION. Yuri Y 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 Stechman, Mr, David Scott-Coomes, Mr, Jared Torkington, Mr; Welsh Institute for Minimal Access Therapy, Cardiff, UK. University Hospital of Wales, Cardiff, UK.
Scientific Session & Postgraduate Courses

**ETP045 SAFETY AND EFFICACY OF POST-ANASTOMOTIC INTRAOPERATIVE ENDOSCOPY TO AVOID EARLY ANA STOMATIC 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** Baoliang Zhao, Carl Nelson; Mechanical & Materials Engineering, University of Nebraska Lincoln

**ETP048 ENDOSCOPIC ASSISTED TRANS-GASTRIC AND COLORECTAL FULL THICKNESS RESECTIONS ARE ENABLED BY A NOVEL 5 MM SURGICAL STAPLER** Radu Pescarus, MD, Eran Shlomovitz, MD, Ahmed Shara, MD, Maria Cassera, BS, Kevin M Reavis, MD, Christy M Dunst, MD, Lee L Swanstrom, 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, Jiaoilas Olsacky, MD, Hussna Waksil, Daniel B Jones, MD, MS, Suhranu 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 Copsaescu, MD, PhD, Victor Tomulescu, MD, PhD; Drexel University College of Medicine, Dept of Surgery, Philadelphia, PA, Drexel University, School of Biomedical Engineering, Philadelphia, PA, Ponderas Hospital, Dept of Surgery, Bucharest, Romania, Fundeni Clinical Institute, Bucharest, Romania

**ETP051 THE USE OF AN ENDOSCOPIC FLUORESCENCE IMAGING SYSTEM TO ASSIST IN LIVER RESECTIONS** Chet W Hammill, MD, MCR, FACS, Cory Johnston, MD, Kevin Reavis, MD, FACS, Paul D Hansen, MD, FACS; The Oregon Clinic, Portland, OR

**ETP052 ENDOLUMINAL VACUUM THERAPY FOR IVOR-LEWIS ANASTOMOTIC LEAKS: A PILOT STUDY IN A SWINE MODEL** Rachel B Scott, DO, Laura H Rosenberger, MD, Lane A Ritter, MD, Amber L Shada, MD, Sanford H Feldman, DVM, PhD, Mark J 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 MONOSCOPIC AND STEREOSCOPIC VIEWS IN MEDICAL DATA** Marisol Martinez Escobar, Bethany Junke, Joseph Holub, Eliot Winer, PhD; Iowa State University

**ETP055 USE OF PHOTOCOAGUATIVE IMAGING TO PREDICT VISCOELASTIC PROPERTIES OF HUMAN TISSUE** Seth Goldstein, MD, Behnoosh Tavakoli, PhD, Ralph Hruban, MD, Emad Docter, PhD, Michael Choti, MD, MBA; Johns Hopkins Departments of Surgery and Computer Science

**ETP056 SINGLE-SITE ROBOTIC CHOLECYSTECTOMY WITH INDOCYANINE GREEN FLUORESCENT CHOLANGIOGRAPHY: 72 CASES WITH NO COMPLICATIONS.** Despoina Daskalaki, MD, Mario Masrur, MD, Kristin Patton, MD, Francesco Maria Biano, MD, Pier Cristina Giulianotti, MD, FACS; Department of Surgery, Division of Minimally Invasive and Robotic Surgery, University of Illinois Hospital and Health Sciences System

**ETP057 LIGATION OF THE APPENDIX WITH POLYMERIC CLIPS** Lawrence E Tabone, MD, Dana Portenier, MD, Chan W Park, MD; Duke University

**ETP058 PERIOPERATIVE MANAGEMENT SOFTWARE: OR LIVE DATA** Henry Lin, MD, Ernest Lockrow, MD, Michael Szymaniak, RN, Jacques Clervi, PMP, ITILv, Michael Stany, MD; Walter Reed National Military Medical Center

**ETP059 REVISIONAL SLEEVE TO SLEEVE GASTRECTOMY UTILIZING OLYMPUS 3D ENDOSCOPY SYSTEM** Raqui Sodek, MD, FACS, Andrew M Wassef, BS; Rutgers-Robert Wood Johnson Medical School

**ETP060 DIABETES SEVERITY SCORE (DSS): A USEFUL TOOL TO ASSESS THE SEVERITY OF DIABETES, SELECT THE APPROPRIATE SURGICAL PROCEDURE AND PREDICT THE REMISSION** Surendra Ugaile, MS, FALS; Kirkoshlar 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 SMARTGLASSES FOR AUGMENTED REALITY BASED SURGICAL TRAINING** Michael Russo, MD, Ulysses Rosas, BA, Homero Rivas, MD, MBA; Stanford University School of Medicine

**ETP063 A NOVEL TOOL FOR MEETING INFECTION CONTROL RECOMMENDATIONS AND REDUCING RISKS OF ENVIRONMENTAL CROSS TRANSMISSION DURING ENDOSCOPIC GI PROCEDURES: THE ENDODRAPE ENDOSCOPY CONTAINMENT SYSTEMS** Thomas E Szymbczak, 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, Jacqueline Shaw, BS, Sheldon Pepman, MD, Harry M Delany, MD; Jacoby 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 Mungur, 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 Szymbczak, PT; Vortek Surgical
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
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 Francois Julien, MD, FRCSC, Diana Losada, MD, FRCSC, Mireille Methot, MD, FRCSC, Amy Neville, MD, FRCSC, Jean Denis Yelle, MD, FRCSC, FACS; Minimally Invasive Surgery, Division General Surgery, The Ottawa Hospital, University of Ottawa

V046 POST-LAPAROSCOPIC APPENDECTOMY SMALL BOWEL OBSTRUCTION: AN UNLIKELY CAUSE Katherine Foley, MD, Christian Bablanoff, MD, Ala Stanford Frey, MD, FACS, FAAP; Abington Memorial Hospital

V047 LAPAROSCOPIC REMOVAL OF HIATAL MESH Grant O. Lee, MD, Hui Sen Chong, MD; Department of Surgery, University of Iowa Hospitals and Clinics

V048 LAPAROSCOPIC BOCHDALEK HERNIA REPAIR David A Santos, MD, Nina N Bowman, DO, Clifford C Eke, MD, FACS; Kaiser Permanente Southern California Fontana/Ontario Medical Center

V049 LAPAROSCOPIC MANAGEMENT OF PERFORATED GASTRIC ULCERS AFTER GASTRIC BYPASS WITH A COMBINED LAPAROSCOPIC-ENDOSCOPIC TECHNIQUE Benjamin Clapp, MD; Providence Memorial Hospital

V050 Withdrawn

V051 INTUSSUSCEPTION FOLLOWING LAPAROSCOPIC ROUX-EN-Y GASTRIC BYPASS Lucas Beffa, MD, Mark Perna, MD, Roger A de la Torre, MD; University of Missouri - Columbia

V052 LAPAROSCOPIC RESECTION OF BRUNNER’S GLAND ADENOMA OF THE DUODENUM Agustin Duro, MD, Axel F Beskow, MD, Fernando G Wright, MD, Alfredo Amenabar, MD, Juan R Medici, MD, Demetrio Cavadas, MD; Hospital Italiano de Buenos Aires

V053 TOTAL LAPAROSCOPIC CHOLEDOCHAL CYST EXCISION WITH ROUX-EN-Y HEPATICOJEJUNOSTOMY. SAFE AND FEASIBLE TECHNIQUES AND TIPS IN PEDIATRIC AGE GROUP. Sendhil Kumar, PhD, Latif Bagwan, Dr, Piyush Patwa, Dr, Deepu Thyagraraj, Dr; Gateway Clinics. Coimbatore, India

V054 TRANSUMBILICAL SINGLE-ACCESS LAPAROSCOPIC LEFT ADRENALECTOMY FOR GIANT SYMPTOMATIC PHECROMOCYTOMA Giovanni Dapri, MD, PhD, FACS, Viola 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, Viola 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 L Moon, MD; Kaiser Permanente Los Angeles Medical Center

V058 LAPAROSCOPIC RADICAL LYMPHADENECTOMY WITH COMPLETE MESOCOLIC EXCISION FOR ADVANCED ASCENDING COLON CANCER NEAR THE HEPATIC FLEXURE Dai Uematsu, Gaku Akiyama, Kouji Yamamoto, Akiko Magishi, Takehiko Sugihara; Saku Central Hospital

V059 RE-DO LAPAROSCOPIC ASSISTED SURGERY FOR CROHN’S DISEASE Shota Takano, MD, Natalia P Severino, MD, Giovanna DaSilva, MD, Steven D Wexner, MD, PhDHon, FACS, FRCS, FRCSEd; Department of Colorectal Surgery, Cleveland 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, Albert 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 HERNIAS Bestoun Ahmed, MD, FRCS, Chester Royals, MD, Ziad Awad, MD, Michael Nussbaum, MD, FACS; University of Florida College of Medicine, Jacksonville

V063 CONCURRENT LAPAROSCOPIC PARAESOPHAGEAL HERNIA REPAIR WITH SUBTOTAL GASTRECTOMY AND D2 LYMHPHADENECTOMY 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 Enrijakovic, MD, FRCS, John Hagen, MD, FRCS; University of Toronto, Humber River Regional Hospital, Toronto, Canada

V065 ROBOT ASSISTED MANAGEMENT OF COMPLEX CHOLEDOCHOLITHIASIS USING HOLILUM LASER Omaira Rodriguez, MD, Renata Sanchez, MD, Luis Medina, MD, Oriana Salamo, MD, Valentina Baez, MD, Alexis Sanchez, MD, MSc; ROBOTIC SURGERY PROGRAM - UNIVERSITY HOSPITAL OF CARACAS, ROBOTIC AND MINIMALLY INVASIVE SURGERY CENTER - LA FLORESTA MEDICAL INSTITUTE

V066 LAPAROSCOPIC TRANSGASTRIC NECROSECTOMY FOR INFECTED PANCREATOC 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 Betencourt, MD, Armando Rosales-Velderain, MD, Fernando Dip, MD, Charles Thompson III, MD, Emmanuelle Lo Menzo, MD, PhD, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACS; Cleveland Clinic Florida

V068 LAPAROSCOPIC REPAIR OF LUMBAR HERNIA WITH PARIETEX MESH USING QUILLS SUTURE. Fernando Dip, MD, Hira Ahmad, MD, Emmanuelle Lo Menzo, MD, PhD, FACS, Samuel Szomstein, MD, FACS, Raul Rosenthal, MD, FACSASMBS; Cleveland Clinic Florida

V069 ENDOSCOPIC MANAGEMENT OF SILICATIC RING GASTRIC EROSION Juan P Toro, MD, Nathaniel W Lyle, MD, Ankit D Patel, MD, S. Scott Davis Jr., MD, Edward Lin, DO, MBA; Department of Surgery, Emory University, Atlanta, GA

V070 ENDOSCOPIC ASSISTED LAPAROSCOPIC INTRAGASTRIC SURGERY FOR STROMAL TUMOR Hussein Wissoujii, MD, Jean-Pierre Gagné, MD; University Laval

V071 ENDOSCOPIC ULTRASONOGRAPHY-GUIDED GALLBLADDER STENTING AND INTERVENTIONS Anthony Y Teoh, FRCSIEd, Gen, Philip W Chiu, FRCS, Ed, Enders K Ng, FRCS, Ed; Prince of Wales Hospital, Chinese University of Hong Kong

V072 TECHNICAL AND TECHNOLOGICAL INNOVATIONS OF PURE LAPAROSCOPIC HEPATECTOMY, ESPECIALLY FOR THE TUMOR LOCATED ANTEROSUPERIOR AND POSTERIOR SEGMENTS. Tetsuo Ikeda, MD, PhD, M Tomikawa, MD, PhD, T Iguchi, MD, PhD, Y Yamashita, MD, PhD, T Ikegami, MD, PhD, H Uchiyama, MD, PhD, A Oshita, MD, PhD, T Yoshizumi, MD, PhD, Y Soejima, MD, PhD, M Ninomiya, K Shirabe, MD, PhD, Y Maehara; Tel: 092-642-5462 Fax: 092-642-5482Kyushu University

V073 LOOP-AND-LET-GO TECHNIQUE FOR COLONIC OBSTRUCTING LIPOMA AND TRANSANAL ENDOSCOPIC MICROSURGERY FOR RECTAL NEOPLASM WITH SENTINEL LYMPH NODE BIOPSY. Alberto Arezzo, MD, Mauro Verra, MD, Alessandro Salvai, MD, Marco A Bonino, MD, Simone Arolfo, MD, Mario Marino, MD; Department of Surgical Sciences, University of Turin

V074 LAPAROSCOPIC ENucleATION OF NEAR CIRCUMFERENTIAL GE JUNCTION LEIOMYOMA Yurena Caballero, MD, Ruchir Puri, MBBS, Steven P Bowers, MD; Mayo Clinic Florida, Hospital Universitario Insular de Gran Canaria

V075 LAPAROSCOPIC TRANSgaSTRIC SUBMUCOSAL MASS RESECTION Ashwini Kumar, MD, Kent Van Sickle; UTHSCSA

V076 REDUCTION OF PARAESOPHAGEAL HERNIA AFTER SLEEVE GASTRECTOMY Laura Dayen, 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 Stougher, 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 Schnelldorfer; Lahey Hospital & Medical Center

V080 ROBOTIC-ASSISTED RE-DO GASTROJEJUNOSTOMY FOR A GIANT ULCER Raquel Gonzalezh-Heredia, MD, PhD, Mario Masrur, MD, Enrique Elii, MD,FACS; University of Illinois at Chicago

V081 ROBOTIC ADRENALECTOMY OF GIANT PHEOCHROMOCYTOMA Alexander Ramirez Volderrama, MD, Robert M Dickinson, MD, Gerald J Wang, MD; New York Hospital Queens

V082 LAPAROSCOPIC REMOVAL OF A MASSIVE SPLEEN Alisa M Coker, MD, Joslin Cheverie, MD, Ryan C Broderick, MD, Cristina R Harnsberger, MD, Bryan J Sandler, MD, Garth R Jacobsen, MD, Santiago Horgan, MD; University of California San Diego

V083 LAPAROSCOPIC LEFT HEPATECTOMY FOR GIANT SYMPTOMATIC HEMANGIOMA C Palanivelu, MS, MCh; FACS, P Senthilnathan, MS, FACS, P Parthasarathi, MS, P Praveen Raj, MS, S Rajapandian, MS, FRCS; GEM Hospital & Research Centre

V084 LAPAROSCOPIC RIGHT HEPATECTOMY FOR HEPATOMA IN A CHILD A CIRRHOTIC PATIENT C Palanivelu, MS, MCh, FACS, P Senthilnathan, MS, FACS, P Praveen Raj, MS, P 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, P Parthasarathi, MS, P Senthilnathan, MS, FACS, P Praveen Raj, Ms, P S Rajan, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

V086 HIATAL HERNIA REPAIR USING AN INNOVATIVE CRURAL CLOSURE DEVICE: THE CRURALINK TM Bernard Dallemagne, MD, Silvana Perretta, MD, Jacques Marescaux, MD; IRCAD, Department of Digestive and Endocrine Surgery, University of Strasbourg, France

V087 LAPAROSCOPIC LIVING-RELATED ORTHOTOPIC GALLBLADDER TRANSPLANT K W Kercher, MD, K W Kercher, MD, J F Bradley, MD, B T Heniford, MD; Carolinas Medical Center

V088 MANAGEMENT OF CONCURRENT GASTRIC AND ESOPHAGEAL RUPTURE FOLLOWING BALLOON 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-GLISSONIAN MASS LIGATION OF THE LEFT PORTAL PEDICLE DURING LAPAROSCOPIC LEFT HEPATECTOMY Cory Johnston, MD, Pippa Newell, MD, Chet Hammill, MD, Ronald Wolf, MD, Paul Hansen; Providence Portland Cancer Center. The Oregon Clinic, Foundation for Surgical Innovation and Education

V091 LAPAROSCOPIC SUBTOTAL PANCREATECTOMY: THE RIGHT EDGE OF THE DISTAL RESECTION F Marchesi, MD, PhD, F Tartamella, MD, S Cecchini, MD, F Petrini, MD, Clinica chirurgica generale, Università degli studi di Parma, Italy

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 RADICAL ESOPHAGECTOMY Mario Masrur, MD, Antonio Gangemi, MD, Kristin Patton, MD, Despina Daskalaki, MD, Pier Giulianotti, MD, FACS; University of Illinois at Chicago, Chicago, Illinois, USA.

www.sages2014.org | Twitter: @SAGES Updates

SAGES 2014 Scientific Session & Postgraduate Courses

SAGES 2014 Surgical Spring Week | SAGES 2014
V095 ROBOTIC-ASSISTED RESECTION OF A RIGHT RENAL HILUM TUMOR Raquel Gonzalez-Heredia, MD, PhD, Maria Masrur, MD, Enrique Ell, MD, FACS, Shin-E Wang; University of Illinois at Chicago

V096 THROUGH ONE HOLE TO FIX ANOTHER: TRANSANAL GASTRECTOMY 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 SPLEEN PRESERVING LAPAROSCOPIC DISTAL PANCREATECTOMY Francesco Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Antonio Burza, MD, Pietro Delle Site, MD; Department of Surgery, Colorectal Surgical Unit. San Giovanni Addolorata Hospital - Rome

V098 TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS) RESECTION OF EARLY RECTAL CANCER Francesco Stipa, MD, PhD, FACS, Emanuele Soricelli, MD, Pietro Delle Site, MD, Ettore Santini, MD; Department of Surgery, Colorectal Surgical Unit. San Giovanni Addolorata Hospital - Rome

V099 LAPAROSCOPIC ASSISTED TRANS-ENTERIC ENDOSCOPIC RETROMEDIAN CHOLANGIOGRAM VIA ROUX LIMB FOR PRIMARY HEPATOLITHIASIS Paige Quintero, MD, Siddharth Kudav, MD, Hammoud Ghassan, MD, Roger de la Torre, MD; University of Missouri

V100 ROBOT-ASSISTED LAPAROSCOPIC TOTAL GASTRECTOMY Mario Masrur, MD, Kristin Patton, MD, Jean Pierre Martucci, MD, Raquel Gonzalez-Heredia, MD, Fernando E 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 Rabaiza, 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 Holoya, MD, Francesco Palazzo, MD, FACS, Karen Chojnacki, MD, FACS, Ernest Rosato, MD, FACS; Thomas Jefferson University

V103 LAPAROSCOPIC FLANK HERNIA REPAIR Jonathan P Dean, MD, Bruce Ramshaw, MD, FACS; Halifax Health, Advanced Hernia Solutions

V104 TREATMENT OF ESOPHAGEAL PERFORATION AFTER HELLER MYOTOMY Martin A Berducci, MD, Jorge Nela, MD, Pablo A Gomez, MD, Arnoldo Castro, MD, Mario A Masrur, MD, Santiago Horgan, MD, Pablo E Omelanczuk, MD; Hospital Italiano de Mendoza, Argentina

V105 ROBOTIC-ASSISTED CONVERSION FROM GASTRIC BAND TO ROUX-EN-Y GASTRIC BYPASS Raquel Gonzalez-Heredia, MD, PhD, Mario Masrur, MD, Enrique Ell, MD, FACS; University of Illinois at Chicago

V106 CAN SINGLE ANASTOMOSIS POST PYLORIC BYPASS OR LOOP DUODENAL SWITCH BE THE BARIATIC 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 HELLER MYOTOMY IN PATIENT WITH PRIOR ROUX-EN-Y GASTRIC BYPASS John-Paul Bellistri, MD, Aida Taye, MD, Mujahid Abbas, MD, Diego Camacho, MD; Montefiore Medical Center

V109 ENDOSCOPIC TREATMENT OF ANASTOMOTIC LEAKAGE AFTER GASTRIC BYPASS SURGERY AND A LATER OCCURRING CARDIAL STRicture Maria Bergstrom, MD, PhD, Bo Erlandsson, MD, Per-Ola Park, Professor; Dept of Surgery, South Alvsborg Hospital, Boras, Sweden & Gothenburg University, Gothenburg, Sweden

V110 LAPAROSCOPIC-ROBOTIC IVOR-LEWIS ESOPHAGECTOMY WITH FLUORESCENCE IMAGING Amie Miller, MD, Jose Rodriguez, MD, Minia Hellan, MD; Wright State University

V111 LAPAROSCOPIC HEPATICOJEJUNOSTOMY AFTER STRASBERG E4 BILE DUCT INJURY. Adolfo Cuendis, MD, Carlos Morales, MD, Martin Rojano, MD; Hospital General Dr Manuel Gea González

V112 LAPAROSCOPIC MORGAGNI HERNIA REPAIR Adrian Park, MD, FACS, Courtney Doyle, MD; Anne Arundel Medical Center, Annapolis, Maryland

V113 TOTALLY LAPAROSCOPIC RIGHT HEPATIC LOBECTOMY Dilendra H Weerasinghe, MD, MRCSed, MRCs, Glasg. Bestoun Ahmed, MD, Ziad Awad, MD, FACS, FRCSI; Department of Surgery University of Florida College of Medicine Jacksonville

V114 LAPAROSCOPIC REPAIR OF A MISSED TRAUMATIC RIGHT DIAPHRAGMATIC HERNIA CONTAINING COLON AND LIVER B. Fernando Santos, MD, Thadeus L Trus, MD; Dartmouth-Hitchcock Medical Center, Department of Surgery, Lebanon, NH

V115 LAPAROSCOPIC REPAIR OF POST TRAUMATIC DIAPHRAGMATIC HERNIA John-Paul Bellistri, MD, Edward Kwon, MD, Ajay Chopra, MD; Jacobi Medical Center

V116 MINIMALLY INVASIVE MANAGEMENT OF MULTIPLE FAILED NISSEN FUNDOPPLICATIONS IN THE OBESE PATIENT Jeffrey Mino, MD, MPH, Mihir Shah, MD, Rosebel Monteiro, MD, Kevin El-Hayek, MD; Cleveland Clinic Foundation

V117 TRANSANAL MINIMALLY INVASIVE SURGERY (TAMIS) FOR FULL-THICKNESS EVERSION 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 Attalb, 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 Gallaondo, MD, Luis A Zavala, MD, Marco A Juarez, MD, Ulises Caballero, MD, Christian Cussin, MD, Enrique Cedillo, MD, Eduardo Ahumada, MD, Aurora Linares, RN; CHRISTUS MUGUERZA - UDEM

V119 LAPAROSCOPIC DUODENO-JEJUNOSTOMY FOR SUPERIOR MESENTERIC ARTERY SYNDROME Kartik Gohil, MD, Maria Altieri, MD, Gerald Gracia, MD, Dana Telem, MD, Aurora Pryor, MD; Stony Brook University Medical Center/State University of New York

V120 SMALL BOWEL OBSTRUCTION SECONDARY TO GASTRIC BAND EROSION AND MIGRATION TO JEUJNUM Matt Strickland, MD, BAsC, Dan Abramowitz, MD, John Hagen, MD, David Starr, MD; University of Toronto

V121 LAPAROSCOPIC RESECTION OF A DUODENAL MASS Clayton Petro, MD, Yuri W Novitsky, MD; University Hospitals Case Medical Center

V122 LAPAROSCOPIC REPAIR OF LATE HIATAL HERNIAS(>2YEARS) AFTER TRANSHIATAL ESOPHAGECTOMY Oscar M Crespin, MD, Brant K Oelschlager, MD, Barla Pellegrini, MD, D; University of Washington Medical Center
V123 LAPAROSCOPIC RETRO-CAVAL TUMOR EXCISION
   Angela Osmolak, MD, Piyush Aggarwal, MD, Kulsom Laeeq, MD, Robert Fitzgibbons, MD, Tommy Lee, MD, Sumeet Mittal, MD, Kalyana Nandipati, MD; Creighton University Medical Center

V124 LAPAROSCOPIC RESECTION OF EPIPHRENIC DIVERTICULUM
   Kartik Gohil, MD, Maria Altieri, MD, Gerald Gracia, MD, Dana Telem, MD, Aurora Pryor, MD; Stony Brook University Medical Center/State University of New York

V125 LAPAROSCOPIC WHIPPLE PROCEDURE
   Dilendra H Weerasinghe, MD, Bestoun Ahmed, MD, Ziad Awad, MD, FACS, FRCSI; University of Florida-Department of Surgery

V126 LAPAROSCOPIC RESECTION OF EPIPHRENIC DIVERTICULUM
   Michael J Pucci, MD, Mohamed Elgamal, MD, Megan Lundgren, BS, Ernest L Rosato, MD, Francesco Palazzo, MD, Karen A Chojnacki, MD; Thomas Jefferson University

V127 LAPAROSCOPIC PLACEMENT OF GASTRIC ELECTRICAL STIMULATOR FOR GASTROPARESIS
   Billy Y Lan, MD, Matthew Kroh, MD, Bipan Chand, MD, Kevin El-Hayek, MD; Loyola School of Medicine; Cleveland Clinic Foundation

V128 LAPAROSCOPIC ESOPHAGEAL SALVAGE FOR PERFORATIONS AFTER SURGICAL AND ENDOSCOPIC TREATMENT OF ACHALASIA -- A CASE SERIES
   Victor T Wilcox, MD, Albert Y Huang, MD, Patrick R Reardon, MD, FACS, Brian J Dunkin, MD, FACS; The Methodist Institute for Technology, Innovation and Education (MITIE)

V129 CYSTOJEJUNOSTOMY: AN IDEAL TREATMENT FOR PANCREATIC PSEUDOCYST LOCATED DISTANT TO THE STOMACH
   C Palanivelu, MS, MCh, FACS, P Sethilnathan, MS, R Parthasarathi, MS, P Provene Raj, MS, Vp Nalankilli, MS, S Sumonith, 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 Provene Raj, MS, P S Rajan, MS, S Bansal, MS, V P Nalankilli, MS; GEM Hospital & Research Centre, Coimbatore, INDIA

V131 LAPAROSCOPIC REPAIR OF FORAMEN OF WINSLow HERNIA
   George DeNoto, MD, Shabana Perveen, MD, Shelish Garg, MD; Northshore -LIJ Hofstra University Health system.

V132 ENDOSCOPIC TREATMENT OF WEIGHT REGAIN AFTER ROUX-EN-Y GASTRIC BYPASS (RYGB): USE OF ARGON PLASMA COAGULATION (APC) IN THE GASTRO-JEJUNAL ANASTOMOSIS
   Jh Felicio De Lima, PhD, Prof, Gap Baretta, PhD, Jm Campos, PHD, M Galvao Neto, MD; ENDOBATEL - Advanced Digestive Endoscopic Center - Hospital Vita Batel in Curitiba - Brazil
SAGES 2014 Exhibitors

3-D Med ................................................................. 502
Aesculap, Inc .......................................................... 612
Apollo Endosurgery, Inc ......................................... 418
Applied Medical ......................................................... 713
Asalus 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 & Quality Improvement Program (MBSAQIP) ............ 1112
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

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
Surgical Spring Week

SAGES 2014

Scientific Session & Postgraduate Courses

April 2 - 5, 2014
Salt Palace Convention Center · Salt Lake City, UT

FINAL PROGRAM

Society of American Gastrointestinal and Endoscopic Surgeons
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