12th World Congress of Endoscopic Surgery
A World of Technique

April 14 - 17, 2010

Gaylord National Hotel and Convention Center
National Harbor, Maryland
(outside Washington, DC)

Early Registration & Housing Deadline: March 12, 2010

Hosted by SAGES & CAGS.
Society of American Gastrointestinal and Endoscopic Surgeons
and Canadian Association of General Surgeons

ADVANCE PROGRAM
Inside Front Cover

Karl Storz Ad
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About the 12th World Congress of Endoscopic Surgery: A World of Technique

An IFSES Endorsed Event

Dear Colleagues:

Time is our most precious commodity! As surgeons, we are pressured on all sides to be more productive with fewer resources. Staying abreast of scientific and technical developments in our field is a constant challenge. The 12th World Congress of Endoscopic Surgery, jointly hosted by SAGES and CAGS, will help you to effectively meet these challenges that you face in your practice of surgery every day.

At the 12th World Congress of Endoscopic Surgery, you will hear about the latest advances from the leading experts in the fields of general, gastrointestinal, endoscopic and minimally invasive surgery. Cutting edge emerging technologies such as single incision surgery, NOTES® and endolumenal therapies will also be addressed in an informative, fun, and engaging environment. You will learn about new strategies to enhance patient safety and gain practical tips and tricks to take back to your surgical practice while networking with like-minded colleagues in your field.

A central focus of 12th World Congress of Endoscopic Surgery is “The World of Technique.” The program will highlight different surgical techniques and strategies from around the world. A world-class faculty will emphasize surgical technique using didactics, images, and video to address both established and novel therapeutic modalities from North America and beyond.

The 12th World Congress of Endoscopic Surgery will be held at the Gaylord National Hotel in National Harbor, Maryland just outside Washington, DC on, April 14 - 17, 2010. At this meeting you will find:

• Easy air access from most major cities in the world
• 6 hands-on courses with labs
• 7 didactic postgraduate courses
• Numerous panels, symposia, video and scientific sessions
• World-class faculty
• The most collegial atmosphere of any surgical meeting, anywhere!
• An exhibit hall that showcases the latest cutting edge minimal access surgery products
• Fabulous social events

The 12th World Congress of Endoscopic Surgery, hosted by SAGES and CAGS, promises to be a meeting like no other. If you go to just one surgical meeting this year, this is the one! We look forward to seeing you there in April.

Sincerely,
Daniel Herron, M.D., SAGES Program Co-Chair
Barry Salky, M.D., SAGES Program Chair
Christopher Schlachta, M.D.,
CAGS Program Chair
What is the World Congress of Endoscopic Surgery?

Held every two years, the World Congress of Endoscopic Surgery is an educational forum for all minimally invasive surgical societies around the world. The World Congress provides the opportunity for minimally invasive surgeons from every corner of the globe to meet, join in educational sessions, share social time and network.

The World Congress rotates bi-annually between the different continents, and is hosted by the member organization of the International Federation of Societies of Endoscopic Surgery (IFSES) relevant to the region. Member organizations include SAGES, CAGS, EAES, JSES, CSLES, IAGES, FELAC, ALACE, and ELSA.

Is it a World Congress or a SAGES meeting?
The answer is YES, it’s both! You can expect the same superb educational offerings you’ve come to associate with every SAGES meeting. To address the diverse educational needs of the attendees, the program will contain more concurrent sessions, increased international participation, and an IFSES panel.

Is it a CAGS meeting?
Yes! CAGS (Canadian Association of General Surgeons) is fully involved in the development of the program, and the World Congress will include lectures and sessions specifically geared toward the Canadian general surgeon. CAGS will still host its annual Canadian Surgery Forum in the fall of 2010.

Is it Surgical Spring Week?
The World Congress replaces Surgical Spring Week in 2010. In 2011, Surgical Spring Week returns with the SAGES annual meeting.

Save the Date!

CAGS Canadian Surgery Forum
September 2 - 5, 2010, Québec City Convention Centre, Canada

SAGES Scientific Session & Postgraduate Course
March 30 - April 2, 2011, San Antonio, Texas

CAGS Canadian Surgery Forum
September 15 - 18, 2011, London Convention Centre, Canada

SAGES Scientific Session & Postgraduate Course
March 7 - 12, 2012, San Diego, CA

SAGES & CAGS thank IFSES, the IFSES member societies (ALACE, CSLES, EAES, ELSA, FELAC, IAGES, JSES) and corporate partners for the opportunity to host the World Congress of Endoscopic Surgery.

IFSES President: Prof. Alberto Chousleb, MD
IFSES Secretary General/Treasurer: Prof. Tatsuo Yamakawa, MD

Visit the IFSES website for future IFSES activities and World Congress meetings: http://www.ifses.org/
### General Information

#### World Congress Registration Hours

- **Tuesday, April 13, 2010:** 12:00 PM - 5:00 PM
- **Wednesday, April 14, 2010:** 6:30 AM - 6:00 PM
- **Thursday, April 15, 2010:** 6:30 AM - 5:30 PM
- **Friday, April 16, 2010:** 6:30 AM - 5:30 PM
- **Saturday, April 17, 2010:** 6:30 AM - 2:00 PM

#### Exhibit Only Registration

For those participants only interested in attending the technical exhibits, we will offer a special Exhibits Only Pass. **This option will only be available on-site.** You may register for an Exhibits Only Pass beginning the morning of Wednesday, April 14, 2010.

For additional information, please contact the Registrar.

#### VISA Information for International Attendees

For more than 50 years, the United States of America has required visas to be issued to those wishing to study, visit, or conduct business in the U.S. While changes have been made recently to U.S. visa law, many procedures remain the same. **Most importantly, you must APPLY EARLY for a visa, as processing time has increased in some instances.** For information about obtaining a visa, please visit the following website: [http://www.unitedstatesvisas.gov](http://www.unitedstatesvisas.gov)

If you need a written invitation to assist you with your visa, please email the World Congress Registrar with your name and complete mailing address for each request.

#### Exhibit Dates and Times

- **Wednesday, April 14, 2010**
  - World Congress Opening Reception: 5:00 PM - 7:00 PM
- **Thursday, April 15, 2010**
  - Hall Open: 10:00 AM - 2:30 PM
- **Friday, April 16, 2010**
  - Hall Open: 10:00 AM - 2:30 PM
- **Saturday, April 17, 2010**
  - Hall Open: 10:00 AM - 1:00 PM
  - Free Lunch for All Attendees: 11:30 AM - 12:30 PM

World Congress exhibits will take place at the Gaylord Convention Center in Prince George's Exhibit Hall A-C.

#### Airport/Travel Information:

The Gaylord National Hotel and Convention Center and surrounding hotels are 15 minutes due south of Washington, DC, just off the Capital Beltway (I-95/I-495).

- From Reagan National Airport (DCA) - approx. 8 miles (15 minute drive)
- From Washington Dulles International Airport (IAD) - approx. 35 miles (45 minute drive)
- From Baltimore/Washington International Airport (BWI) - approx. 42 miles (45 minute drive)
- From Washington Union Station - approx. 10 miles (20 minute drive)
- Water taxis are available to/from the Gaylord and Old Town Alexandria, historic Georgetown, and Mt. Vernon Estate and Gardens

For more information on directions and transportation, including water taxis & airport shuttles, please visit [http://www.gaylordhotels.com/gaylord-national/directions-transportation/index.html](http://www.gaylordhotels.com/gaylord-national/directions-transportation/index.html)

**Make sure to stay Saturday Night!** Unlike a usual SAGES meeting, the annual Gala and International Sing-Off will be held on Saturday evening, not Friday. Plan now to stay the extra night. Don’t miss the official end of the Congress! Details on page 42.
World Congress Schedule at a Glance  (as of Nov. 2009)

Program Co-Chair (SAGES): Daniel Herron, M.D.
Program Chair (SAGES): Barry Salky, M.D.
Program Chair (CAGS): Christopher Schlachta, M.D.

Wednesday, April 14
• Half Day Postgraduate Course: MIS & Cancer – Endocrine/Solid Organ
• Half Day Hands-on Course w/Lab: Colon Surgery
• SAGES Foundation Awards Lunch
• Half Day Postgraduate Course: Bariatrics Around the World
• Half Day Postgraduate Course: MIS & Cancer - GI
• Half Day Hands-on Course w/Lab: Advanced Suturing and Anastomotic Techniques
• Half Day Symposium: Pediatric Surgery
• Exhibits Opening Welcome Reception 5:00 - 7:00 pm

Thursday, April 15
• World Congress Scientific Sessions
• Half Day Hands-On Course: Digital Video
• Half Day Postgraduate Course: Challenging Hernias
• Half Day Hands-on Course w/Lab: FLS
• Half Day Postgraduate Course: Avoid Pitfalls in Cholecystectomy and CBD Exploration
• Exhibits/Posters/Learning Center Open 10:00 am - 2:30 pm
• Educator’s Lunch: Utilizing SAGES Educational Offerings for Residents
• Device Development Lunch
• Half Day Hands-On Course w/Lab: Endolumenal / NOTES*
• Half Day Hands-On Course w/Lab: Single Port Access
• Half Day Postgraduate Course: Laparoscopic IBD & Colectomy
• Half Day Symposium: MBA for Surgeons
• Symposium: Robotics - What’s New?
• Symposium: Metabolic Surgery – Current Status
• Debate: Barrett’s – How to Follow, How to Treat
• Industry Symposium

Friday, April 16
• World Congress Scientific Sessions
• SAGES Presidential Address
• Gerald Marks Keynote Lecture
• Symposium: NOTES* - Alive and Well, or RIP?
• Panel: Laparoscopic Education – Do MIS Fellowships Have a Future?
• Panel: Endolumenal Therapies
• Exhibits/Posters/Learning Center Open 10:00 am - 2:30 pm
• Video Complications Lunch
• Presidential Debates
• SAGES/ALACE Session: Go Global – Report from the Field
• SAGES/EAES Session: Peer Review Training
• Conflict of Interest Panel
• Residents/Fellows Scientific Session
• Emerging Technology Session
• Panel: Single Port Access Surgery
• Meet the Leadership Reception

Saturday, April 17
• World Congress Scientific Sessions
• Panel: Live from Afghanistan: Video Conference Military Coalition
• Panel: Hernia Debates
• Karl Storz Keynote Lecture
• CAGS/Royal College of Surgeons Lecture
• Exhibits/Posters/Learning Center Open 10:00 am - 1:00 pm
• FREE Lunch in Exhibit Hall for All Meeting Attendees 11:30 am - 12:30 pm
• Fellowship Council Lunch
• CAGS/SAGES Session: Simulation in the Training of Surgeons
• Panel: FES Roll-Out
• Panel: Uh, Oh, What Now? – Video Session with the Experts
• IFSES Panel: Surgical Education Around the World
• World Congress Main Event & International Sing-Off

World Congress Corporate Supporters  (as of November, 2009)

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Oral & Video Sessions will take place throughout the World Congress Scientific Session (Thursday, Friday and Saturday). The exact program will be determined in November, 2009. Check the World Congress website (www.12thworldcongress.org) in late December, 2009 for the exact schedule of presentations.

World Congress Corporate Supporters  (as of November, 2009)
SAGES 2009 Exhibitors, CAGS 2009 Exhibitors, 11th World Congress Exhibitors

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WYETH PHARMACEUTICALS
2010 Course Chairs & Unit Coordinators

Challenging Hernias PG Course Chair: Kristi Lee Harold, M.D.
Challenging Hernias PG Course Co-Chair: Shirin Towfiq, M.D.
FLS PG Course Chair: E. Matthew Ritter, M.D.
FLS PG Course Co-Chair: Gerald M. Fried, M.D.
Lap IBD & Colectomy PG Course Chair: John H. Marks, M.D.
Lap IBD & Colectomy PG Course Co-Chair: Eric Glenn Weiss, M.D.
MIS & Cancer Endocrine/Solid Organ PG Course Chair: William Barry Inabnet III, M.D.
MIS & Cancer Endocrine/Solid Organ PG Course Co-Chair: Miguel Herrera, M.D.
MIS & Cancer GI PG Course Chair: Seigo Kitano, M.D.
Pediatic Surgery Symposium Chair: Sanjeev Dutta, M.D.
Pediatic Surgery Symposium Co-Chair: Jacob Langer, M.D.
3-Hour MBA for Surgeons Chair: Demetrios E.M. Litwin, M.D.
3-Hour MBA for Surgeons Co-Chair: Fredrick J. Brody, M.D.
Device Development Luncheon Chair: Raymond P. Onders, M.D.
Device Development Luncheon Co-Chair: Dennis L. Fowler, M.D.
Education Luncheon Chair: L. Michael Brunt, M.D.
Education Luncheon Co-Chair: Daniel J. Gagne, M.D.
Fellowship Council Luncheon Chair: Adrian E. Park, M.D.
Fellowship Council Luncheon Co-Chair: Bruce D. Schirmer, M.D.
Video Complications Chair: Bipan Chand, M.D.
Video Complications Luncheon Chair: Manabu Yamamoto, M.D.
Emerging Technology Session Chair: Steven D. Schwaitzberg, M.D.
Emerging Technology Session Co-Chair: Alex Gandsas, M.D.

SAGES Panel/Session/Symposium/Debates Chairs/Co-Chairs:
Barrett’s Debate Chair: John Hunter, M.D.
Barrett’s Debate Co-Chair: Karl H. Fuchs, M.D.
SAGES Presidential Debate Chair: Daniel J. Deziel, M.D.
SAGES Presidential Debate Co-Chair: Nathaniel J. Soper, M.D.
Hernia Debates Chair: Guy R. Voeller, M.D.
Hernia Debates Co-Chair: Edward H. Phillips, M.D.
Conflict of Interest Panel Chairs: TBA
IFSES Panel Chair: Alberto Chousleub, M.D.
IFSES Panel Co-Chair: Nathan Zundel, M.D.
Lap Education Panel Chair: Bruce D. Schirmer, M.D.
Lap Education Panel Co-Chair: Joseph Mamazza, M.D.
SAGES/ALACE Go Global Panel Chair: Raul J. Rosenthal, M.D.
SAGES/ALACE Go Global Panel Co-Chair: Horacio J. Asbun, M.D.
Single Port Access Surgery Panel Chair: Joel Leroi, M.D.
Single Port Access Surgery Panel Co-Chair: Andrew A. Gumbs, M.D.
“Uh Oh What Now!” Video Panel Chair: David R. Urbach, M.D.
“Uh Oh What Now!” Video Panel Co-Chair: David Bryan Earle, M.D.
Endolumenal Therapies Session Chair: Dean J. Mikami, M.D.
Endolumenal Therapies Session Co-Chair: Simon Bergman, M.D.
FES Roll-out Session Chair: Brian J. Dunkin, M.D.
FES Roll-out Session Co-Chair: Jeffrey M. Marks, M.D.
Live from Fellujah Session Chair: Steven P. Bowers, M.D.
Live from Fellujah Session Co-Chair: Richard M. Satava, M.D.
SAGES/CAGS Simulation in the Training of Surgeons Session Chair: Liane S. Feldman, M.D.
SAGES/CAGS Simulation in the Training of Surgeons Session Co-Chair: Teodor P. Grantcharov, M.D.
SAGES/EAES Peer Review Training Session Chair: Abe L. Fingerhut, M.D.
SAGES/EAES Peer Review Training Session Co-Chair: Sir Alfred Cuschieri, M.D.
Metabolic Surgery Symposium Chair: Philip R. Schauer, M.D.
Metabolic Surgery Symposium Co-Chair: Francesco Rubino, M.D.
NOTES Symposium Chair: David W. Rattner, M.D.
NOTES Symposium Co-Chair: G. V. Rao, M.D.
Robotics Symposium Chair: Mehran Anvari, M.D.
Robotics Symposium Co-Chair: Jacques Marescaux, M.D.
Conflict of Interest Panel Chair: Steve Eubanks, M.D.
Conflict of Interest Panel Co-Chair: Neely Fenton, M.D.
World Congress 2010 Leaders

World Congress Program Committee
Chair: Steven D. Schwartzberg
Horacio J. Asbun, M.D.
Yves Bendavid, M.D.
Simon Bergman, M.D.
Daniel Birch, M.D.
Steven P. Bowers, M.D.
Fredrick J. Brody, M.D.
Robin Boushey, M.D.
L. Michael Brunt, M.D.
James Ellsmere, M.D.
Liane Feldman, M.D.
Edward L. Felix, M.D.
Denise W. Gee, M.D.
Teodor Grantcharov, M.D.
Carol R. Harmon, M.D.
Daniel M. Herron, M.D.
Michael D. Holzman, M.D.
Santiago Horgan, M.D.
Gretchen Purcell Jackson, M.D.
Timothy D. Kane, M.D.
Dimitrios A. Linos, M.D.
John H. Marks, M.D.
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Adam Meneghetti, M.D.
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Cliff Sample, M.D.
Christopher M. Schlachta, M.D.
Daniel J. Scott, M.D.
Paul A. Severson, M.D.
Neal E. Seymour, M.D.
Carl J. Westcott, M.D.
Manabu Yamamoto, M.D.
Tonia M. Young-Fadok, M.D.
Natan Zundel, M.D.

2010 World Congress International Webcast Sessions

Sign-up TODAY to be part of the 2010 World Congress by participating in the International Webcast Sessions. For more information please visit us at:

http://www.sages.org/meetings/annual_meeting/2010/

Friday, April 16, 2010

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<td>8:00 am</td>
<td>Video Plenary Session</td>
<td>Moderators: TBD</td>
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<tr>
<td>9:00 am</td>
<td>SAGES Presidential Address</td>
<td>C. Daniel Smith, M.D.</td>
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<tr>
<td>9:15 am</td>
<td>Gerald Marks Keynote Lecture</td>
<td>TBD</td>
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<tr>
<td>10:00 am</td>
<td>Symposium: NOTES® - Alive and Well, or RIP?</td>
<td>Chair: David W. Rattner, M.D.</td>
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<td>Co-chair: Venkat G. Rao, M.D.</td>
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<tr>
<td>12:15 pm</td>
<td>Presidential Debates</td>
<td>Chair: Daniel J. Deziel, M.D.</td>
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<td>Co-chair: Nathaniel Soper, M.D.</td>
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<tr>
<td>2:30 pm</td>
<td>Panel: Single Port Access Surgery</td>
<td>Chair: Joel Leroy, M.D.</td>
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<td>Co-chair: Andrew A. Gumsb, M.D.</td>
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Saturday, April 17, 2010

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<tr>
<th>TIME</th>
<th>SESSION</th>
<th>CHAIR (S)/SPEAKER</th>
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</thead>
<tbody>
<tr>
<td>7:00 am</td>
<td>Panel: Live from Afghanistan:</td>
<td>Chair: Steven P. Bowers, M.D.</td>
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<tr>
<td></td>
<td>Video Conference Military Coalition</td>
<td>Co-Chair: Richard M. Satava, M.D.</td>
</tr>
<tr>
<td>8:30 am</td>
<td>Karl Storz Keynote Lecture</td>
<td>TBD</td>
</tr>
<tr>
<td>9:00 am</td>
<td>Royal College of Physicians and Surgeons of Canada Lecture</td>
<td>Robert DiRaddo, Ph.D.</td>
</tr>
<tr>
<td>9:30 am</td>
<td>Plenary Session SS14</td>
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</tbody>
</table>

SAGES gratefully acknowledges the following companies for their generous support towards the SAGES Go Global Initiative:

Covidien, Ethicon Endo-Surgery, Inc. and SAGES Education & Research Foundation

SAGES gratefully acknowledges the following individuals for their generous contributions in kind:

Horacio Asbun, M.D., Raman Berguer, M.D., David Earle, M.D.,
Mark Pleatman, M.D., Julio Teixeira, M.D.

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

SAGES 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 educational activity for a maximum of 41.5 hours AMA PRA Category 1 Credit(s)™. Physicians should only claim credit commensurate with the extent of their participation in the activity.

FLS Testing Available All Week!
Wednesday, April 14 - Saturday, April 17, 2010

Contact FLS@sages.org for more details or to schedule your test.
Hands-on Colon Cadaver Lab

Chair: Mark H. Whiteford, M.D.; Co-Chair: Conor P. Delaney, M.D.

This half-day practical cadaver lab course is designed for general and colorectal surgeons, fourth year or chief residents and MIS or colorectal fellows. All applicants should be familiar with advanced laparoscopic techniques and wish to expand their skills in laparoscopic colon and rectal surgery. Techniques for bowel mobilization, vessel division, and anastomoses will be taught with an emphasis on oncologic principles. The course will emphasize common alternative approaches including lateral-to-medial, medial-to-lateral, and hand-assisted techniques, to facilitate resection of the entire intra-abdominal colon and the rectum. Lab stations will have a 1:3 faculty:participant ratio.

Objectives:
At the conclusion of this session, participants will be able to:
• Discuss multiple approaches to mobilization, resection and anastomosis of the right and left colon
• List techniques, tips and tricks for total mesorectal dissection of the rectum
• Understand the principles in laparoscopic colorectal surgery for both benign and malignant disease

SCHEDULE

6:30 AM  Shuttles Depart Gaylord Hotel
7:00 AM  Introduction  Mark H. Whiteford, M.D. & Conor P. Delaney, M.D.
7:10 AM  Video: Laparoscopic Right and Transverse Colectomy  Mark Whiteford, M.D.
7:30 AM  Video: Laparoscopic Left Colectomy and Proctectomy  Conor Delaney, M.D.
7:50 AM  Right Colectomy Techniques
         Transverse Colectomy Techniques
         Left Colectomy Techniques
         Rectal Dissection Techniques
11:10 AM  Questions/Discussion  All Faculty
11:30 AM  Shuttles Return to Gaylord Hotel

Lab Instructors:
Sonia Ramamoorthy, M.D.
George Chang, M.D.
Jonathan Efron, M.D.
Daniel Geisler, M.D.
John Park, M.D.
Matthew Kalady, M.D.
Laurence Yee, M.D.
Sharon Stein, M.D.
David O’Brien, M.D.
Marty Weiser, M.D.
**Wednesday, April 14, 2010**

**MIS & Cancer Endocrine/Solid Organ Postgraduate Course**

Chair: William B. Inabnet III, M.D.; Co-Chair: Miguel Herrera, M.D.

**Description:**
The Endocrine/Solid Organ course will provide a comprehensive update on disorders of the thyroid, adrenal and pancreas. The course will combine didactic presentations with video-based education and panel discussions to emphasize established and novel minimally invasive techniques.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Cite the changing paradigm in the work-up and management of thyroid malignancy
- Describe current minimally invasive techniques for thyroid, adrenal and pancreas surgery
- Differentiate benign from malignant adrenal pathology
- Describe the appropriate work-up and treatment of islet cell tumors of the pancreas

**SCHEDULE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM</td>
<td>Introduction</td>
<td>William B. Inabnet III, M.D. &amp; Miguel Herrera, M.D.</td>
</tr>
<tr>
<td>7:35 AM</td>
<td>Thyroid Cancer Update</td>
<td>Allan Siperstein, M.D.</td>
</tr>
<tr>
<td>7:50 AM</td>
<td>Video-Endoscopic and Robotic-Assisted Thyroidectomy</td>
<td>W.Y. Chung, M.D.</td>
</tr>
<tr>
<td>8:05 AM</td>
<td>Minimally Invasive Thyroidectomy with Intra-Operative Nerve Monitoring</td>
<td>Allan Dackiw, M.D.</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Video-Endoscopic and Thoracoscopic Parathyroidectomy</td>
<td>James Lee, M.D.</td>
</tr>
<tr>
<td>8:35 AM</td>
<td>Discussion</td>
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<tr>
<td>8:55 AM</td>
<td>Adrenal Incidentaloma</td>
<td>Steven Schwaitzberg, M.D.</td>
</tr>
<tr>
<td>9:10 AM</td>
<td>Pheochromocytoma</td>
<td>Quan Yang Duh, M.D.</td>
</tr>
<tr>
<td>9:25 AM</td>
<td>Adrenal Malignancy and MIS</td>
<td>Vivian Strong, M.D.</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>Laparoscopic Transabdominal and Retroperitoneal Adrenalectomy</td>
<td>Nancy Perrier, M.D.</td>
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<tr>
<td>10:00 AM</td>
<td>Discussion</td>
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<tr>
<td>10:15 AM</td>
<td>BREAK</td>
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<tr>
<td>10:30 PM</td>
<td>Functioning Islet Cell Tumors</td>
<td>Juan-Pablo Pantoja, M.D.</td>
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<tr>
<td>10:45 PM</td>
<td>Pancreatic Incidentaloma</td>
<td>Pascal Wittenger, M.D.</td>
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<tr>
<td>11:00 PM</td>
<td>Gastric Bypass Induced Hyperinsulinemic Hypoglycemia</td>
<td>Sayeed Ikramuddin, M.D.</td>
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<tr>
<td>11:15 PM</td>
<td>Laparoscopic Enucleation and Distal Pancreatic Resection</td>
<td>Andrew Gumbs, M.D.</td>
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<tr>
<td>11:30 PM</td>
<td>Laparoscopic Resection of Hepatic Neuroendocrine Metastases</td>
<td>Brice Gayet, M.D.</td>
</tr>
<tr>
<td>11:45 PM</td>
<td>Discussion</td>
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</tbody>
</table>

**MIS Gastrointestinal Cancer Postgraduate Course**

Chair: Horacio J. Asbun, M.D.; Co-Chair: Seigo Kitano, M.D.

**Description:**
We will discuss on Indication, Procedures of MIS and Outcome etc. of minimally invasive surgery (MIS) for Gastrointestinal Cancer. Additionally, we will define the role of MIS for cancer treatment according to the clinical evidences. In this session, we will have a great opportunity that World leading surgeons discuss on minimally invasive surgery for gastrointestinal cancer.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Choose appropriate Indication of MIS for Gastrointestinal Cancer
- Assess what the safe techniques of MIS for Gastrointestinal Cancer
- Deepen their knowledge on Clinical Evidence related to MIS for Gastrointestinal Cancer
- Define the problems regarding MIS for Gastrointestinal Cancer and state the prospect for the future

**SCHEDULE**

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>1:00 AM</td>
<td>Introduction</td>
<td>Horacio J. Asbun, M.D. &amp; Seigo Kitano, M.D.</td>
</tr>
<tr>
<td>1:05 PM</td>
<td>Thoracoscopic Esophagectomy for Cancer</td>
<td>Haruhiro Inoue, M.D.</td>
</tr>
<tr>
<td>1:25 PM</td>
<td>Laparoscopic TransHiatal Esophagectomy for Early Cancer</td>
<td>Abeezar Sarela, M.D.</td>
</tr>
<tr>
<td>1:45 PM</td>
<td>Laparoscopic Gastrectomy for Early Cancer</td>
<td>Han-Kwang Yang, M.D.</td>
</tr>
<tr>
<td>2:05 PM</td>
<td>Laparoscopic Gastrectomy for Advanced Cancer</td>
<td>Vivian E.M. Strong, M.D.</td>
</tr>
<tr>
<td>2:25 PM</td>
<td>Discussion</td>
<td></td>
</tr>
<tr>
<td>2:45 PM</td>
<td>BREAK</td>
<td></td>
</tr>
<tr>
<td>3:05 PM</td>
<td>Clinical Evidences of Laparoscopic Surgery for Advanced Colorectal Cancer</td>
<td>R. Larry Whelan, M.D.</td>
</tr>
<tr>
<td>3:25 PM</td>
<td>Laparoscopic Total Mesorectal Excision for Rectal Cancer</td>
<td>Eric Rullier, M.D.</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Laparoscopic Procedures for Rectal Cancer After Radiochemotherapy</td>
<td>Jeffrey Millsom, M.D.</td>
</tr>
<tr>
<td>4:05 PM</td>
<td>Laparoscopic Approach for Obstructing Colorectal Cancer</td>
<td>Nicolas Demartines, M.D.</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>Current Status of Robotic Colorectal Surgery</td>
<td>Richard M. Satava, M.D.</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Discussion</td>
<td></td>
</tr>
</tbody>
</table>

1:00 PM - 5:00 PM * Included in Registration SuperPass (Option A) or Registration Option B
Bariatric Postgraduate Course:
Chair: Scott A. Shikora, M.D.; Co-Chair: Raul J. Rosenthal, M.D.
This postgraduate course will review some of the latest and novel technologies being proposed or currently introduced into the field of bariatric surgery. These operative techniques and devices all claim to offer less invasive and lower risk options for patients who qualify for bariatric surgery. Some even offer new and innovative mechanisms of action. The faculty, all of whom have an experience with these procedures, will offer their opinions concerning their feasibility, cost-effectiveness, and clinical relevance.

Objectives:
At the conclusion of this session, participants will be able to:
• Review the feasibilities and techniques for endolumenal bariatric procedures and in particular, gastric partitioning for weight loss
• Become familiar with the techniques and applications of single port surgery and to understand the controversy surrounding its benefit
• Understand the theoretical benefits and clinical results of neumodulation
• Become familiar with the current and possible future surgical options for revision of failed bariatric operations

SCHEDULE
7:30 AM  Introduction
7:35 AM  Overview of Endolumenal Procedures – Do They Really Work?
7:55 AM  Endolumenal Gastric Partitioning
8:15 AM  Can a Gastric Bypass be Created Endoscopically?
8:35 AM  Single Port Bariatric Surgery – An Analysis of Feasibility and Benefit
8:55 AM  Single Port is NOT Beneficial
9:15 AM  Update on Neuromodulation
9:35 AM  Discussion
10:10 AM  BREAK
10:30 AM  Banding a Failed Gastric Bypass (Fixed and Adjustable)
10:45 AM  How to Rescue a Patient After a Failed Band
11:00 AM  Are there Any Options for a Failed Biliopancreatic Diversion With or Without Duodenal Switch?
11:15 AM  Endolumenal Pouch and Anastomosis Reduction: An Analysis
11:30 AM  Discussion

1:00 PM - 5:00 PM
Bariatric Postgraduate Course: Around the World
Chair: Alfons Pomp M.D.; Co-Chair: Manolo Cortez, M.D.
Description:
During this half day course international surgeons will provide expert commentary on how they choose the appropriate weight loss operation. Experienced clinicians will discuss their therapeutic strategy when patients who have been submitted to surgery fail to sustain weight loss. Surgeons will discuss the prevention and treatment of complications of bariatric surgery. An introduction to the mechanisms of “metabolic” surgery and a brief overview of emerging techniques, including single port access and endoluminal techniques will complete this synopsis

Objectives:
At the conclusion of this session, participants will be able to:
• Differentiate and compare weight loss surgery options
• Analyze and compose a strategy to deal with bariatric surgery failures
• Recognize, assess and treat complications of weight loss surgery
• Integrate and review the indications of metabolic surgery into a bariatric practice
• Review and appraise the indications for new therapeutic weight loss surgery options

SCHEDULE
1:00 PM  Introduction
1:05 PM  Gastric Banding is the Best Weight Loss Operation
1:20 PM  Why I No Longer Perform Gastric Banding
1:35 PM  Discussion
1:45 PM  Gastric Bypass is the Best Operation for BMI > 50
2:00 PM  Bilopancreatic Diversion is the Best Operation for BMI > 50
2:15 PM  Discussion
2:25 PM  What I Do When the Band Does Not Work
2:40 PM  What I Do When Gastric Bypass Does Not Work
2:55 PM  Discussion
3:05 PM  BREAK
3:25 PM  Complications of Gastric Banding (and What I DO with Them)
3:40 PM  Complications of Gastric Sleeve
3:55 PM  Complications of Gastric V Bypass
4:10 PM  Discussion
4:20 PM  Metabolic Surgery – What’s it All About
4:35 PM  Single Access and Endoluminal Bariatric Surgery
4:50 PM  Discussion
Wednesday, April 14, 2010

12:00 PM - 1:00 PM

SAGES Education and Research Foundation Awards Luncheon

SAGES awards and research grants will again be presented at a luncheon benefiting the SAGES Education and Research Foundation. The luncheon will be held prior to the exhibit hall opening and will not conflict with the scientific program. The 2010 Awards Luncheon will recognize distinguished leaders for their work in minimally invasive surgery and raise funds that will keep patient safety and minimal access surgery in the forefront.

Cost: $125 per ticket / $1,100 per table (10 seats)

The following awards will be presented:

- SAGES Distinguished Service Award
- SAGES George Berci Lifetime Achievement Award
- SAGES Young Researcher Award

SAGES acknowledges a generous grant in support of this award from Olympus-Gyrus ACMI

- SAGES Researcher in Training Award (new!)
- SAGES Career Development Award
- SAGES IRCAD Traveling Fellowship Award

SAGES acknowledges a generous grant in support of this award from Karl Storz Endoscopy

- SAGES Excellence in Clinical Care Award
- SAGES Research Grant Awards
- SAGES Foundation Gerald Marks Rectal Cancer Award
- SAGES Foundation Master Educator Award

How to RSVP: To attend the event and show your support of the honorees, or to become an event sponsor or purchase tables, contact Jill Smith at (310) 437-0544, x. 114 or jill@sages.org. A portion of your contribution is tax-deductible to the extent permitted by law.

SAGES does not offer CME credits for this lunch.

1:00 PM - 5:00 PM

Hands-on Advanced Suturing and Anastomotic Techniques Lab

Chair: Kelvin D. Higa, M.D.; Co-Chair: Aureo L. De Paula, M.D.

Description:
Laparoscopic suturing skills allow smooth transition from basic to advanced surgery. In this lab, world-recognized experts in advanced suturing and anastomotic techniques will provide direct, hands-on training to take your suturing skills to the next level. If you want to take your skills from advanced to expert, this is an opportunity you don’t want to miss.

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

- Become familiar with advanced suturing techniques: tissue approximation, knot tying, anastomoses.
- Understand the advantages and disadvantages of intracorporal sutures.
- Adopt the principles for continued efficiency and skill.
- Apply these techniques to common surgical problems encountered

SCHEDULE

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Facilitators</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>Introduction – Overview of Tools and Suture Material</td>
<td>Kelvin D. Higa, M.D. &amp; Aureo L. De Paula, M.D.</td>
</tr>
<tr>
<td>1:15 PM</td>
<td>Principles of Efficient Laparoscopic Suturing</td>
<td>Kelvin D. Higa, M.D.</td>
</tr>
<tr>
<td>1:30 PM</td>
<td>How to Tie a Knot</td>
<td>Aureo L. De Paula, M.D.</td>
</tr>
<tr>
<td>1:45 PM</td>
<td>Specific Applications: Anastomoses, Internal Hernia Closure, Staple-Line Reinforcement</td>
<td>Aureo L. De Paula, M.D.</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Lab Instructions</td>
<td>Kelvin D. Higa, M.D. &amp; Aureo L. DePaula, M.D.</td>
</tr>
<tr>
<td>2:05 PM</td>
<td>Hands-On Lab</td>
<td>Faculty</td>
</tr>
</tbody>
</table>

Suggested Faculty:
Nilton Kawahara
J. Ribamar
Dan Swartz
Tony Vine
C. Palenivelu
Pradeep Chowbey
Paresh Shah
Marina Kurian
Surendra Ugale
Ed Felix
Adam Meneghetti
Dan Birch
Elias Chousleb
**Pediatrics Session:**

**Next-Generation Pediatric MAS – A Move Toward “Scarless” Surgery**

**Chairs:** Sanjeev Dutta, M.D. and Jacob Langer, M.D.

Pediatric minimal access surgery (MAS) has grown to encompass virtually every pediatric surgical condition, including even complex neonatal anomalies. This has enabled faster recovery and less pain, with smaller scars. The next wave of innovation in pediatric MAS involves further minimizing incisions, transferring them to inconspicuous sites, or avoiding them altogether. Termed “stealth surgery” in the pediatric surgical community, the intent is to perform complex procedures without leaving evidence they occurred, and thereby address the psychological consequences that surgical scars can have on children.

**Objectives:**

At the conclusion of this session, participants will have a better understanding of current cutting edge minimal access procedures in pediatric surgery. They will be able to:

- Describe the current experience, instruments, and operative techniques relevant to performing transaxillary subcutaneous endoscopic surgery including benign lesions of the neck and chest, as well as thyroid and parathyroid lesions.
- Describe the current experience, instruments, and operative techniques relevant to pediatric single incision laparoscopic surgery including appendectomy, cholecystectomy, splenectomy, and neonatal procedures.
- Describe current experience, instruments, and operative techniques relevant to endolumenal therapies in children including antireflux procedures and gastroduodenal lesions.
- Describe future potential MAS therapies in children such as natural orifice transluminal endoscopic surgery (NOTES).

**Schedule**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Chairs/Leaders</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>Introduction</td>
<td>Sanjeev Dutta, M.D.</td>
</tr>
<tr>
<td>1:05 PM</td>
<td>Transaxillary Subcutaneous Endoscopic Surgery</td>
<td>Sanjeev Dutta, M.D.</td>
</tr>
<tr>
<td></td>
<td>Transaxillary excision of Benign Neck and Truncal Lesions</td>
<td>Sanjeev Dutta, M.D.</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>Transaxillary Excision of the Thyroid and Parathyroids</td>
<td>Thom Lobe, M.D.</td>
</tr>
<tr>
<td>1:35 PM</td>
<td>Discussion</td>
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<tr>
<td>1:45 PM</td>
<td>Single Incision Laparoscopic Surgery</td>
<td>Jacob Langer, MD</td>
</tr>
<tr>
<td></td>
<td>Transumbilical Non-Laparoscopic Surgery in the Neonate</td>
<td>Jeff Ponsky, M.D.</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Overview of SILS Tool Box and Technique</td>
<td>Jacob Langer, M.D.</td>
</tr>
<tr>
<td>2:15 PM</td>
<td>SILS Splenectomy and Cholecystectomy</td>
<td>Sanjeev Dutta, M.D.</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Neonatal SILS</td>
<td>Carroll “Mac” Harmon, M.D.</td>
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<tr>
<td>2:45 PM</td>
<td>Discussion</td>
<td></td>
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<tr>
<td>2:55 PM</td>
<td>10 min BREAK</td>
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</tr>
<tr>
<td>3:05 PM</td>
<td>Endolumenal Surgery and NOTES</td>
<td>Timothy Kane, M.D.</td>
</tr>
<tr>
<td>3:10 PM</td>
<td>Endolumenal to Translumenal: The Prospect of NOTES in Children</td>
<td>Lee Swanstrom, M.D.</td>
</tr>
<tr>
<td>3:25 PM</td>
<td>Endolumenal Therapy for GERD in Children – Early Experience with Transoral Incisionless Fundoplication</td>
<td>Michael Thomson, M.D.</td>
</tr>
<tr>
<td>3:40 PM</td>
<td>Endolumenal Therapy for Pancreatic and Gastroduodenal Lesions</td>
<td>Timothy Kane, M.D.</td>
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<tr>
<td>3:55 PM</td>
<td>Discussion</td>
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<tr>
<td>4:05 PM</td>
<td>Video – Thyroid</td>
<td>Matias Bruzoni, M.D.</td>
</tr>
<tr>
<td>4:15 PM</td>
<td>Video – Gall bladder SILS</td>
<td>Katherine Barsness, M.D.</td>
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<tr>
<td>4:25 PM</td>
<td>Video – Spleen-SILS</td>
<td>Zachary Kastenberg, M.D.</td>
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<tr>
<td>4:35 PM</td>
<td>Video – Endoscopic-assisted Esophagectomy</td>
<td>Jose Prince, M.D.</td>
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<tr>
<td>4:45 PM</td>
<td>Video – SILS Pyloromyotomy</td>
<td>Erik Hansen, M.D.</td>
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<tr>
<td>4:55 PM</td>
<td>Closing Remarks</td>
<td>Jacob Langer, M.D.</td>
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</table>

*Please join us for the World Congress Welcome Exhibit Opening Reception*

World Congress exhibits will take place at the Gaylord Convention Center in the Prince George’s Exhibit Hall A-C. The Learning Center and Posters will NOT be open until Thursday.

13th World Congress of Endoscopic Surgery leaders will be introduced.
Postgraduate Surgeon in the Digital Age: Video Editing Course
Basic Video Editing with an Introduction to Advanced Techniques

Chair: Dmitry Oleynikov, M.D.; Co-Chair: John Romanelli, M.D.

This course is a hands-on (1 to a station) PC-based course and workshop using the latest video editing software. This course is designed to take users through the basic steps of digital video editing. The skills learned in this course will be applicable to digital video editing on most Windows-based computers and editing programs. Led in real time by an experienced surgeon facilitator, participants will import clips, edit them, create transitions and add voice-over sound tracks. Additional advanced techniques which are useful in medical videos will be reviewed. Final products will be transcoded for a variety of purposes. A CD with the course files is included for later practice. Once this course is completed, users should be able to have the skills necessary to create edited digital videos for medical meetings, education or personal use.

Objectives:
At the completion of this course the surgeon (or other participant) will be able to:

• Demonstrate a working knowledge as to how the video signal used to perform laparoscopic surgical procedures is transferred to a variety of digital formats (e.g. – CD, DVD, digital tape) for the purposes of creating materials that could be used for:
  – Electronic medical records
  – Formal presentation at medical meeting
  – Patient education
  – Website presentation for patient or physician education
  – Archival needs

• Manipulate the acquired digitized video material for the purposes above by methods utilizing the following skills in order to create effective medical educational materials:
  – Editing
  – Titling
  – Transitions
  – Annotation with audio
  – Addition of still photography
  – Selected special effects

• Produce output of the acquired and manipulated digital material for specific needs in the medical educational arena including:
  – Videotape
  – CD-ROM
  – Web-based media files
  – DVD

SCHEDULE
1:00 AM  The Operation
1:10 AM  Image acquisition from different devices
1:20 AM  Getting video footage onto the computer
1:45 AM  Break
2:00 AM  Editing
2:15 AM  Editing Clips in the Timeline
3:00 AM  Transitions
3:45 AM  Outputting Your Project
4:00 AM  Internet Publishing and Podcasting
5:00 AM  Conclusion

Faculty:
Shanu Kothari, M.D.
Sergey Kantsevoy, M.D.
John Feng, M.D.
Matthew Goede, M.D.

Check the World Congress website frequently for SAGES Foundation and/or Industry events (not planned nor accredited for CME by SAGES) which may have been added after this program was printed.
Thursday, April 15, 2010

Avoid Pitfalls in Cholecystectomy and CBD Exploration
Chair: Michael B. Edye, M.D.; Co-Chair: Bertrand Millat, M.D.

Description:
The essence of surgery is to be aware of potential pitfalls in advance and to take steps that are known to avoid them. This session will build on a sound anatomic foundation for laparoscopic cholecystectomy and common duct exploration. Practical recommendations for safe techniques that work in straightforward and complicated settings, and a final synthesis will provide a basis for best practice.

Objectives:
At the conclusion of this session, participants will be able to:
- Describe common anatomic anomalies of the biliary tree that can complicate laparoscopic cholecystectomy and strategies to avoid these complications
- Recognize how new surgical approaches to cholecystectomy can increase the risk of bile duct injury and devise methods to prevent these injuries in their subsequent practice
- Approach complicated presentations of cholecystitis with great confidence
- Review their current approach to common duct stones and recognize the benefits and difficulties of surgical versus endoscopic bile duct clearance

SCHEDULE
7:30 AM  Introduction  Michael B. Edye, M.D. & Bertrand Millat, M.D.
7:35 AM  Anatomic Pitfalls of Cholecystectomy and CBD Exploration  Brice Gayet, M.D.
7:50 AM  Lessons from a High Volume Laparoscopic Biliary Surgeon  Surendra Ugale, M.D.
8:05 AM  Rationale for Cholangiography  William Traverso, M.D.
8:20 AM  Operative Bile Duct Clearance vs. Preoperative ERCP: Other Combined Approaches to Duct Clearance  Augusto Tinoco, M.D.
8:40 AM  Pitfalls of T-Tubes and Other Biliary Drains, and the Place of Primary Duct Closure  Ian Martin, M.D.
9:00 AM  Discussion
9:20 AM  Break
9:40 AM  Cholecystectomy in Chirrhotics: If, When and How?  Luis Burbano, M.D.
9:50 AM  Acute Cholecystitis: Tricks to Success, When to Convert and When to Start Open  Bertrand Millat, M.D.
10:05 AM  Single Port Cholecystectomy: Umbilical Anatomic Techniques and Devices  Paul G. Curcillo, M.D.
10:20 AM  “SKiN” Cholecystectomy (Skinny Instrument i.e. 2-3 mm): The Forgotten Alternatives to NOTES  Michael B. Edye, M.D.
10:35 AM  Synthesis of Recommendations  Michael B. Edye, M.D. & Bertrand Millat, M.D.
10:50 AM  Discussion

Challenging Hernias Postgraduate Course
Chair: Kristi L. Harold M.D.; Co-Chair: Shirin Towfigh, M.D.

Hernia repair remains one of the most common surgical procedures performed around the world. Despite many standardized techniques new procedures, instruments, and biomaterials continue to emerge to address the problem of challenging hernias. Surgeons attending SAGES will benefit from this half-day course which will utilize evidence-based medicine to cover a wide variety of topics surrounding challenging hernias and the modern approaches to their repair.

Objectives:
At the conclusion of this session, participants will be able to:
- Discuss uses and shortcomings for various types of synthetic and biological meshes
- Recognize the role of bariatric operations in hernia patients
- Distinguish patients who may benefit from a combined approach by general and plastic surgery for hernia repair
- Formulate a tailored approach to patients with sports hernias

SCHEDULE
7:30 AM  Introduction  Kristi L. Harold, M.D. & Shirin Towfigh, M.D.
7:35 AM  Parastomal Hernia Repair – Best Techniques  Kristi Harold, M.D.
7:50 AM  Loss of Domain – Definition and Management  Michael Rosen, M.D.
8:05 AM  Biological Meshes – Indications and Shortcomings  Gina Adrales, M.D.
8:20 AM  Discussion
8:30 AM  What are we doing to predict and prevent hernias?  B. Todd Heniford, M.D.
8:45 AM  Hernias in Difficult Locations: Flank, Supra-pubic, Sub-xyphoid  Alfredo Carbonell, D.O.
9:00 AM  LVHR: Dealing with Complications  Pradeep Chowbey, M.D.
9:15 AM  Discussion
9:25 AM  BREAK
9:40 AM  Biological Mesh for Paraesophageal Hernia Repair – Pros & Cons  Steven P. Bowers, M.D.
9:55 AM  Is There a Role for Synthetic Mesh in an Infected Field?  Shirin Towfigh, M.D.
10:10 AM  Options in the Management of Infected Abdominal Wall Mesh  Brent Matthews, M.D.
10:25 AM  Discussion
10:35 AM  Ventral Hernia in the Morbidly Obese Patient – Timing of Repair / Role of Weight Loss Surgery / Hernia During Weight Loss Surgery  Yuri Novitsky, M.D.
10:50 AM  Chronic Pain Following Inguinal Hernia Repair  Samuel Kwok, M.D.
11:05 AM  Best Approach to Recurrent Inguinal Hernia  Abe Fingerhut, M.D.
11:20 AM  Discussion
**Fundamentals of Laparoscopic Surgery Hands-on Course**

Chair: Gerald M. Fried, M.D.; Co-Chair: E. Matthew Ritter, M.D.

The course will be based on the Fundamentals of Laparoscopic Surgery (FLS) Program, a collaborative effort between Society of American Gastrointestinal and Endoscopic Surgeons and the American College of Surgeons. This introductory course will begin with an overview of the history, science, and development of the FLS Program. It will continue with various chapters from the FLS curriculum, such as physiology, intraoperative considerations, basic laparoscopic procedures, and procedural complications. Part of the course will also cover the psychomotor and technical skills required in basic laparoscopic surgery. The course syllabus will outline the contents of the FLS online didactic curriculum.

All course participants will receive online access to the FLS didactic curriculum and will be expected to review the materials prior to the course. The hands-on component will utilize a ratio of 3:1 participants to FLS trainer boxes and faculty for mentored skills practice.

After completing the course, participants will be able to schedule an appointment to take the FLS exam (written and practical). The test fee is included in the course registration, although the test is optional. There will be testing appointments available starting directly after the course and throughout the SAGES meeting. Participants may also opt to take the FLS exam at an upcoming ACS Clinical Congress or SAGES Annual Meeting or one of over 40 FLS Test Centers.

**Objectives:**

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

- Discuss the important preoperative considerations when faced with a patient requiring laparoscopic surgery.
- List the key intraoperative considerations during laparoscopic operations.
- Discuss the important concepts in postoperative care of patients undergoing laparoscopic surgery.

**SCHEDULE**

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<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tbody>
<tr>
<td>7:30 AM</td>
<td>Introduction and Rationale for FLS</td>
<td>Lee L. Swanstrom, M.D.</td>
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<tr>
<td>7:45 AM</td>
<td>Preoperative Considerations</td>
<td>Ashley Vernon, M.D.</td>
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<tr>
<td>8:05 AM</td>
<td>Intraoperative Considerations</td>
<td>E. Matthew Ritter, M.D.</td>
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<tr>
<td>8:25 AM</td>
<td>Basic Laparoscopic Procedures</td>
<td>Shawn T. Tsuda, M.D.</td>
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<tr>
<td>8:45 AM</td>
<td>Postoperative Considerations</td>
<td>Melina C. Vassiliou, M.D.</td>
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<tr>
<td>9:05 AM</td>
<td>Technical Skills: Development of FLS Curriculum, Validation of Metrics, and Relationship to Operative Performance</td>
<td>Gerald M. Fried, M.D.</td>
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<tr>
<td>9:30 AM</td>
<td>Implementing FLS: The Experience in the U.S. Department of Defense</td>
<td>E. Matthew Ritter, M.D.</td>
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<tr>
<td>9:50 AM</td>
<td>Implementing FLS: The Experience of the Royal Australasian College of Surgeons</td>
<td>Gerald M. Fried, M.D.</td>
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<tr>
<td>10:25 AM</td>
<td>BREAK</td>
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<tr>
<td>10:40 AM</td>
<td>Hands-On Workshop</td>
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<tr>
<td>10:50 AM</td>
<td>Introduction and Rationale for FLS</td>
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<td>12:05 AM</td>
<td>Postoperative Considerations</td>
<td>Melina C. Vassiliou, M.D.</td>
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**Scientific Session Concurrent Sessions** (accepted oral & video presentations)

See page 25 for Scientific Session description and what is included for registrants

**World Congress Exhibits, Posters & Learning Center Open**

**BREAK: Exhibits, Posters, Learning Center**
Thursday, April 15, 2010

**Separate Registration Fee: $55**

**Educators Luncheon: Utilizing SAGES Educational Offerings for Residents**

**Chair:** L. Michael Brunt, M.D.; **Co-Chair:** Daniel Gagné, M.D.

This session examines the broad array of materials that are available to complement education and skills training in minimally invasive surgery and flexible endoscopy. Topics to be covered include the Web Surg model of video education, SAGES video offerings and their integration into the SCORE national curriculum, and SAGES Fundamentals of Laparoscopic Surgery (FLS) and Fundamentals of Endoscopic Surgery (FES) programs. Practical methods by which these materials can be incorporated into resident and fellow education will be reviewed.

**Objectives:**

At the conclusion of this activity, the participant will be able to:

- Describe SAGES educational resources available to complement resident and fellow training in minimally invasive surgery
- Utilize effective strategies for incorporating FLS into residency training
- Identify new methods for skills development and assessment in flexible endoscopy

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<tr>
<td>11:30 AM</td>
<td>Introduction</td>
<td>L. Michael Brunt, M.D.</td>
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<tr>
<td>11:35 AM</td>
<td>The Web Surg Model of Video Education</td>
<td>Didier Mutter, M.D.</td>
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<tr>
<td>11:50 AM</td>
<td>From Top 14 to the SCORE Curriculum:</td>
<td>Daniel Gagné, M.D. and L.</td>
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<td>Integrating SAGES Videos into Resident</td>
<td>Michael Brunt, M.D.</td>
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<tr>
<td>12:10 PM</td>
<td>Strategies for Effective Integration of FLS</td>
<td>Liane S. Feldman M.D.</td>
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<tr>
<td>12:30 PM</td>
<td>FES: The Next Evolution in Endoscopic</td>
<td>Jeffrey Marks, M.D.</td>
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<td></td>
<td>Skills Training</td>
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<td>12:45 PM</td>
<td>Discussion</td>
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**Device Development Luncheon: From Funding to Freedom to Operate**

**Chair:** Raymond P. Onders, M.D.; **Co-Chair:** Dennis L. Fowler, M.D.

The process from initial "idea or device" to help patient, to funding that idea, to working with the FDA to make sure that idea is safe and finally developing a company to manufacture and provide that idea to patients may seem daunting, but this session’s speakers will help make that journey easier with their wealth of experience.

**Objectives:**

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

- Describe funding opportunities from the NIH and other sources
- Understand the role of a university technology transfer office
- Understand the role of the FDA in regulating devices
- Appreciate the process of founding and funding enterprises for commercializing devices

**SCHEDULE**

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<tr>
<td>11:40 AM</td>
<td>Funding – The NIH Can Help with Device Development</td>
<td>Dennis Fowler, M.D.</td>
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<tr>
<td>12:00 PM</td>
<td>Technology Transfer – Friend or Foe to the Surgeon Innovator or to Industry</td>
<td>Donna See, M.D.</td>
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<tr>
<td>12:20 PM</td>
<td>The Role of the FDA: From Patient Safety in 510k and from IDE to PMA – Why Designing a Trial and Endpoints are Important</td>
<td>Markham C. Luke, M.D., Ph.D.</td>
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<tr>
<td>1:00 PM</td>
<td>Discussion</td>
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</table>
**Laparoscopic IBD and Colectomy Postgraduate Course: The Status and Direction of Laparoscopic Colorectal Surgery in the Treatment of Inflammatory Bowel Disease**

**Chair:** John H. Marks M.D.; **Co-Chair:** Eric G. Weiss, M.D.

This course will inform the practicing surgeon and trainee alike on the current status and the role of laparoscopic colorectal surgery in the treatment of inflammatory bowel disease. In a video intensive manner, controversies and technical “pearls” will be illustrated in the treatment of inflammatory bowel disease. The techniques and rationale for new minimally invasive colorectal surgical approaches as well as the implications of medical therapy on surgical approaches will be described.

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

- Define the role of laparoscopic colorectal surgery in the treatment of inflammatory bowel disease
- Restate laparoscopic approaches to ileal pouch-anal anastomosis for adult and pediatric patients
- Indicate the impact of immunotherapy on the surgical treatment of inflammatory bowel disease
- Describe the benefits of laparoscopic treatment of Crohn’s Disease

### SCHEDULE

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<tr>
<th>Time</th>
<th>Session</th>
<th>Presenter(s)</th>
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<tbody>
<tr>
<td>1:30 PM</td>
<td>Introduction</td>
<td>John H. J Marks, M.D. &amp; Eric G. Weiss, M.D.</td>
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<tr>
<td>1:35 PM</td>
<td>Presentation and Differentiation: Ulcerative Colitis &amp; Crohn’s Disease</td>
<td>John Monson, M.D.</td>
</tr>
<tr>
<td>1:45 PM</td>
<td>Medical management, Cancer Risk Surveillance, and Indications for Surgery for ulcerative Colitis and Crohn’s Disease</td>
<td>Conor Delaney, M.D.</td>
</tr>
<tr>
<td>1:59 PM</td>
<td>Laparoscopic Ileal Pouch-Anal Anastomosis: How to Do It</td>
<td>Tonia Young-Fadok, M.D.</td>
</tr>
<tr>
<td>2:13 PM</td>
<td>Laparoscopic Pouches: Problem Area, Role of the Hand, Addressing Inadequate Length</td>
<td>John H. Marks, M.D.</td>
</tr>
<tr>
<td>2:27 PM</td>
<td>Laparoscopic Pouches in the Pediatric Patient: When and How</td>
<td>Marc A. Levitt, M.D.</td>
</tr>
<tr>
<td>2:41 PM</td>
<td>Role of Single Port Proctocolectomy and Pouch: Fad? Trend? How I Do It</td>
<td>Dan Geisler, M.D.</td>
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<tr>
<td>2:55 PM</td>
<td>Discussion</td>
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<tr>
<td>3:15 PM</td>
<td>BREAK</td>
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<tr>
<td>3:44 PM</td>
<td>Laparoscopy for Crohn’s Colitis – Total Abdominal Colectomy vs. Segmental Resection</td>
<td>Kirk Ludwig, M.D.</td>
</tr>
<tr>
<td>3:58 PM</td>
<td>Laparoscopic Approach to Crohn’s Disease: How I Approach Fistulous Disease, Abscess, and Strictures</td>
<td>Petachia Reissman, M.D.</td>
</tr>
<tr>
<td>4:12 PM</td>
<td>Hand Assisted Approaches in Crohn’s Disease: When and Why</td>
<td>Eric G. Weiss, M.D.</td>
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<tr>
<td>4:26 PM</td>
<td>Impact of Laparoscopy on Outcome for Crohn’s Disease</td>
<td>Willem A. Bemelman, M.D.</td>
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**World Congress Goes Green!**

In an effort to support the environment, you will see less paper for the 12th Annual World Congress. The printed Final Program will include the regular schedule and course/panel outlines, as well as oral abstracts, Poster of Distinction abstracts and poster listing. However, electronic copies of all the abstracts, digital posters, and Postgraduate course syllabi will be available on thumb drive for all attendees. The “SAGES Electronic Meeting Guide” will be completely navigational and searchable. Print kiosks will also be available throughout the Convention Center.
Single Port Access Surgery Hands-On Course

Chair: Paul G. Curcillo II, M.D.; Co-Chair: Daniel J. Scott, M.D.

This session is designed to familiarize the participants with the developing field of Single Port Access surgery. Exposure to the tools, devices and techniques available will form the foundation for participants to begin to assimilate this technique into their practice.

This course will consist of a hands-on lab in which participants will receive instruction by experts in various single port access laparoscopic techniques and procedures. Techniques for low-profile port layout and insertion, as well as the use of multi-port devices will be demonstrated with practice afforded. Participants will be supervised by experts and perform single port access laparoscopic cholecystectomy, fundoplication, adjustable gastric band placement, splenectomy and nephrectomy. Participants will have the opportunity to use a variety of specialized instrumentation, including novel imaging technologies, retraction devices, suturing instruments, and articulating devices. Lab stations will have a 1:3 faculty to participant ratio.

Objectives:

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

- Reproduce the various access techniques and identify the benefits and drawbacks of the multi-trocarred vs. the multi-port devices
- Identify and use the various instruments and tools that may facilitate single port access operations
- Describe the operative strategies for performing single port access laparoscopic procedures (including – cholecstectomy, fundoplication, adjustable gastric band placement, splenectomy and nephrectomy)
- Identify and be aware of the current data addressing the impact in terms of risks and benefits this new field is having on patients

SCHEDULE

1:30 PM  Introduction       Paul G. Curcillo II, M.D. & Daniel J. Scott, M.D.
1:35 PM  Single Port Access Surgery: Techniques and Approaches
         OPUS – One Port Umbilical Access  Prashanth Rao, M.D.
1:45 PM  SILS – Single Incision Laparoscopic Approach  Homero Rivas, M.D.
1:55 PM  SPA – Single Port Access Approach  Paul G. Curcillo II, M.D.
2:05 PM  Flexible Endoscopic Approach  Julio Teixiera, M.D.
2:15 PM  Bariatric Consierations  Daniel J. Scott, M.D.
2:25 PM  Access Device Considerations  Abhay Rane, M.D.
2:35 PM  Hands On Lab
         Laparoscopic Cholecystectomy
         Laparoscopic GE Jxn (Nissen / Banding)
         Laparoscopic Splenectomy / Nephrectomy

Faculty:
Marc Bessler, M.D.
Andrew Gumbs, M.D.
Eric Hungness, M.D.
Shuji Kitashiro, M.D.
Julio Teixiera, M.D.
Prashanth Rao, M.D.
Pascal Bucher, M.D.
Homero Rivas, M.D.
Casey Graybeal, M.D.
Abhay Rane, M.D.
3 Hour MBA for Surgeons Panel:  
**Asset Management and Protection for Surgeons**

**Chair:** Demetrius E. M. Litwin, M.D.; **Co-Chair:** Fredrick J. Brody, M.D.

**Description:**
The rapidly changing economics of practicing medicine will affect all of us. This practical session will help understand what changes you can make in your practice and investments to adjust to these turbulent times. The session will be full of practical, real-world advice and potential solutions to difficult financial problems you face on a daily basis.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Understand money management options during a practice lifetime.
- Recognize and understand the fundamentals of investment principles during a practice lifetime.
- Identify the importance of leadership in organizations.
- Understand the importance of strategic planning exercises for high performance organizations.

**SCHEDULE**

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<td>1:30PM</td>
<td>Introduction</td>
<td>Demetrius E. M. Litwin, M.D.; Fredrick Brody, M.D.</td>
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<tr>
<td>1:35PM</td>
<td><strong>Wealth Management, Asset Protection</strong></td>
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<td>Methods to Maximize Income, Estate and Gift Taxation</td>
<td>David Field, CFA</td>
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<tr>
<td>1:50PM</td>
<td>Investing 101 – The Business School Perspective</td>
<td>Bruce Behn, M.D.</td>
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<td>2:05PM</td>
<td>Investing – Practical Tips</td>
<td>Tim Pitney – Sapers &amp; Wallack</td>
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<tr>
<td>2:45PM</td>
<td>Discussion Panel &amp; Questions</td>
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<tr>
<td>3:15PM</td>
<td>Break</td>
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<tr>
<td>3:30PM</td>
<td><strong>Leadership</strong></td>
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<td>Physician Executive MBA – What Can It Do For You?</td>
<td>Mike Stahl, M.D.</td>
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<tr>
<td>3:45PM</td>
<td>The Leadership Moment – The Business School Perspective</td>
<td>Bruce Behn, M.D.</td>
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<tr>
<td>4:00PM</td>
<td>The Leadership Moment – Practical Examples In the World of Surgery</td>
<td>Isadore Lieberman, M.D.</td>
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<tr>
<td>4:15PM</td>
<td>Strategic Planning To Create High Performance Organizations</td>
<td>Alec Glover</td>
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<tr>
<td>4:30PM</td>
<td>Discussion Panel &amp; Questions</td>
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<td>5:00PM</td>
<td>Adjourn</td>
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*SAGES does not offer CME credits for this Panel*

**Hands On Endolumenal/NOTES Lab**

**Chair:** Santiago Horgan, M.D.; **Co-Chair:** Christopher C. Thompson, M.D.

**Description:**
This will be a multiple station hands-on course that will allow a technical experience in a variety of endolumenal procedures and technology. This will also include an introduction to NOTES® specifically, a transvaginal and transgastric peritoneal access, and transgastric closure. The latest endolumenal tissue fixation devices, energy application devices and intraluminal stents will be included. Participants should have basic endoscopic skills and be willing to try new procedures and use new technology.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Experience the use of modern endolumenal techniques for energy ablation (argon plasma coagulation, heater probe, BICAP, etc.) and stent placement
- Demonstrate techniques for Endoscopic Mucosal Resection (EMR) and Endoscopic Submucosal Tunneling
- Recognize the principles of endolumenal tissue fixation
- Evaluate and practice transgastric and transvaginal approaches to peritoneal access (Natural Orifice Translumenal Endoscopic Surgery, NOTES)
- Demonstrate techniques for transgastric closure techniques

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<tr>
<td>1:30PM</td>
<td>Introduction – Video Demonstration of Basic Technique</td>
<td>Santiago Horgan, M.D. &amp; Christopher C. Thompson, M.D.</td>
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<td>Barrett’s Ablation</td>
<td>Steven Edmundowicz, M.D.</td>
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<td></td>
<td>Endoscopic Mucosal Resection (EMR) and Endoscopic Submucosal Tunneling</td>
<td>Christopher J. Gostout, M.D. &amp; Abraham Matthews, M.D.</td>
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<td>Endoscopic Revision for GERD</td>
<td>Jeffrey W. Hazey, M.D.</td>
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<td>Intraluminal Stents: Placements and Removal, Colonic and Esophageal</td>
<td>Jose Martinez, M.D.</td>
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<td>Treatment of Bleeding</td>
<td>Bipan Chand, M.D.</td>
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<td>Endosuturing Techniques for GERD and Redo Bypass</td>
<td>Garth Jacobsen, M.D.</td>
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<td>NOTES Stations:</td>
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<td></td>
<td>Transgastric and Transvaginal Approaches to Peritoneal Access and Transgastric Closure Techniques</td>
<td>Marc Bessler, M.D., Brian J. Dunkin, M.D., Michael Marohn, M.D., Jeffrey Marks, M.D., Patricia Sylia, M.D., Robert H. Hawes, M.D., Yoav Mintz, M.D.</td>
</tr>
</tbody>
</table>
Robotics Symposium: What’s New?
Chair: Mehran Anvari, M.D.; Co-Chair: Jacques Marescaux, M.D.
Description:
Robotic surgery has the potential to become a significant force in the future of minimally invasive surgery. This session will demonstrate new applications of robotics with particular emphasis on the application to reduced port surgery and image-guided applications.
Objectives:
At the conclusion of this session, participants will be able to:
• Highlight some of the new developments in application of robotics in surgery
• Discuss the use of robotics in augmented reality and image-guided surgery
• Provide and overview of robotic development for NOTES® and SPA

SCHEDULE
1:30 PM Introduction Mehran Anvari, M.D. & Jacques Marescaux, M.D.
1:35 PM Augmented Reality and Image Guided Robotic Surgery Luc Soler, M.D.
1:45 PM New Applications of Surgical Robot Richard Satava, M.D.
1:55 PM Intracavity Robotics Sir Alfred Cuschieri, M.D.
2:05 PM Flexible Robotic Platform for NOTES® or SPA Bernard Dallemagne, M.D.
2:15 PM Discussion

Metabolic Surgery Symposium: Current Status
Chair: Philip R. Schauer, M.D.; Co-Chair: Francesco Rubino, M.D.
Description:
The metabolic syndrome is a worldwide problem – can it be solved by surgery? Internationally-renowned experts will discuss the relevant issues in this rapidly developing field.
Objectives:
At the conclusion of this session, participants will be able to:
• Understand how to diagnose the various stages of Barrett’s
• Understand the different minimally invasive treatment options available
• Discuss new technologies and their impact on the management process

SCHEDULE
2:30 PM Introduction Philip R. Schauer, M.D. & Francesco Rubino, M.D.
2:35 PM Effect of Gastric Banding and Sleeve Gastrectomy on Metabolic Disease Alfonso Torquati, M.D.
2:50 PM Effect of Bypass Procedures Philip R. Schauer, M.D.
3:05 PM Mechanisms of Remission of Metabolic Disease David Cummings, M.D.
3:20 PM The Diabetes Surgery Summit Guidelines for Surgical Treatment of Diabetes Francesco Rubino, M.D.
3:35 PM The American Diabetes Association Guidelines for Surgical Treatment of Diabetes Sue Kirkman, M.D.
2:50 PM Discussion
Barrett’s Debate: How to Follow, How to Treat?
Chair: John Hunter, M.D.; Co-Chair: Karl H. Fuchs, M.D.

Description:
Cancer in Barrett’s esophagus continues to be a serious worldwide problem. Can we identify the patients at high risk to impact this disease? This session will provide a critical update on strategies in the diagnosis and management of Barrett’s.

Objectives:
At the conclusion of this session, participants will be able to:
• Understand how to diagnose the various stages of Barrett’s
• Understand the different minimally invasive treatment options available
• Discuss new technologies and their impact on the management process

SCHEDULE
4:00 PM 
Introduction
John Hunter, M.D. & Karl H. Fuchs, M.D.

4:05 PM
The Indications and Strategy for Screening and Surveillance of Barrett’s Esophagus
Jeffrey Peters, M.D.

4:20 PM
Ablation Therapy – Who Should Have it and Who Should Do It?
C. Daniel Smith, M.D.

4:35 PM
Endoscopic Mucosal Resection of Early Esophageal Neoplasia – The Current State of the Art
Haruhiro Inoue, M.D. (Japan)

4:50 PM
Limited Surgical Resection – or En-Bloc
Karl H. Fuchs, M.D.

5:05 PM
Emerging Technology in the Diagnosis and Management of Barrett’s Esophagus
Blair Jobe, M.D.

5:20 PM
Discussion

Registration is free for any SAGES attendee.

Industry Education events (No registration required)
Davol, a BARD company, invites you to attend the symposium:
“Advanced Laparoscopic Techniques for Abdominal Wall Reconstruction.

**These events are not planned nor accredited for CME by SAGES.
Scientific Session Concurrent Sessions (accepted oral & video presentations)

Description:
This section of the World Congress includes panels with invited faculty who will speak on specific topics, and sessions of oral & video presentations of abstracts selected by the World Congress Program Committee. Panel information is listed below; information about the abstract & video presentation sessions will be available in the Final Program distributed on-site.

What Is Included:
The Scientific Session is included in Registration SuperPass (Option A). Thursday sessions (concurrent only) are also included in Registration Option B. Friday/Saturday sessions and panels are included in Registration Option C (see registration form on page 45). All fees include entrance to all didactic session rooms (not including hands-on course labs or lunches), Final Program, entrance to the Exhibit Hall, Learning Center, Posters, Digital Meeting Guide, continental breakfast & breaks, and lunch in the Exhibit Hall on Saturday.

7:00 AM - 8:00 AM
*Included in Registration SuperPass (Option A) or Registration Option C

Concurrent Sessions (accepted oral & video presentations)

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

Plenary Session I

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

SAGES Presidential Address:

C. Daniel Smith, M.D.
Professor and Chair, Department of Surgery, Surgeon in Chief, Mayo Clinic Florida, Jacksonville, FL

9:30 AM - 10:00 AM
*included in Registration SuperPass (Option A) or Registration Option C

Gerald Marks Lecture:

Richard H. Bell, M.D.
Assistant Executive Director, American Board of Surgery, Philadelphia, PA

SAGES acknowledges our Diamond and Platinum Level Donors for their support of this lecture:
Diamond: Covidien
Platinum: Karl Storz Endoscopy, Olympus-Gyrus ACM

10:00 AM - 10:30 AM
Exhibits, Posters, Learning Center Open

10:00 AM - 11:00 AM
*included in Registration SuperPass (Option A) or Registration Option C

Concurrent Sessions (accepted oral & video presentations)

10:00 AM - 11:00 AM
*included in Registration SuperPass (Option A) or Registration Option C

Endolumenal Therapies Session

Chair: Dean J. Mikami, M.D.; Co-Chair: Simon Bergman, M.D.

With the emergence of new technology and the refinement of old techniques, the field of endoscopy has rapidly evolved from simple diagnostics to cutting edge therapeutics. In this session, international experts will share their experience with endolumenal therapies in the care and management of patients suffering from morbid obesity and diseases of the foregut.

Objectives:
At the conclusion of this session, participants will be able to:
• Discuss the effectiveness of new endoscopic modalities in the treatment of morbid obesity and foregut disease
• Identify the patients (and diseases processes) that are best suited for therapeutic management via the endolumenal approach
• Describe the proper techniques and potential complications of endolumenal therapies

SCHEDULE
10:00 AM  Introduction  Dean J. Mikami, M.D. & Simon Bergman, M.D.
10:05 AM  Endolumenal Bariatrics: Revisional Techniques  Sergio Roll, M.D.
10:20 AM  Endolumenal Foregut: Established and Upcoming Technology  W. Scott Melvin, M.D.
10:35 AM  EMR and ESD: Techniques, Tips, and Tricks  Thomas Roesch, M.D.
10:50 AM  Discussion
NOTES Symposium – Alive & Well or RIP?

**Chair:** David W. Rattner, M.D.; **Co-Chair:** G. V. Rao, M.D.

**Description**
While intense interest continues in the development of NOTES, its place as a useful therapy remains to be defined. Is NOTES alive and well? Is it sleeping? Is it dead? This session seeks to provide insight into the current state of NOTES and its potential for the future.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Understand recent developments in NOTES
- Discuss if, when and how NOTES will be added to the surgical armamentarium

**SCHEDULE**

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction</td>
<td>David W. Rattner, M.D. &amp; G. V. Rao, M.D.</td>
</tr>
<tr>
<td>10:05 AM</td>
<td>Endolumenal or Translumenal Surgery</td>
<td>Jeffrey Marks, M.D.</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Time to Abandon NOTES* and Perfect Single Port Surgery</td>
<td>Paul G. Curcillo, M.D.</td>
</tr>
<tr>
<td>10:25 AM</td>
<td>NOTES – Steady Progress Has Been Made</td>
<td>Eric Hungness, M.D.</td>
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<tr>
<td>10:35 AM</td>
<td>NOTES in 2020</td>
<td>Yoav Mintz, M.D.</td>
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<td>10:45 AM</td>
<td>Discussion</td>
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</table>

Laparoscopic Education Panel – Do MIS Fellowships Have a Future?

**Chair:** Bruce D. Schirmer, M.D.; **Co-Chair:** Joseph Mamazza, M.D.

This debate format session will focus on the current state of MIS fellowships in training: are they compatible with strong general surgery training programs, or do they conflict with them? Does the current and planned future training experience of general surgery residents suggest MIS fellowships are still needed?

**Objectives:**
At the conclusion of this session, participants will be able to:
- Quantify the current breadth and depth of MIS training done by finishing residents of U.S. training programs
- Describe evidence-based studies which suggest numbers necessary to achieve competence in any given operative procedure
- Compare and contrast examples of training programs which have encountered conflicts between residents and MIS fellows and those that have not
- Describe the current state of MIS fellowships in North America and their role in MIS training for the General Surgeon

**SCHEDULE**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00 AM</td>
<td>Introduction</td>
<td>Bruce D. Schirmer, M.D. &amp; Joseph Mamazza M.D.</td>
</tr>
<tr>
<td>10:05 AM</td>
<td>Can Residents Become Fully Skilled MIS Surgeons During Their Training? YES</td>
<td>Fady Balaa, M.D.</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>Can Residents Become Fully Skilled MIS Surgeons During Their Training? NO</td>
<td>Rebecca Minter, M.D.</td>
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<tr>
<td>10:25 AM</td>
<td>Can a Good MIS Fellowship Co-Exist with a Residency Designed to Train MIS Surgeons? YES</td>
<td>Peter Hallowell, M.D.</td>
</tr>
<tr>
<td>10:35 AM</td>
<td>Can a Good MIS Fellowship Co-Exist with a Residency Designed to Train MIS Surgeons? NO</td>
<td>Ronnie Clements, M.D.</td>
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<tr>
<td>10:45 AM</td>
<td>Discussion</td>
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</table>
**Video Complications Luncheon: What Has Happened and What We Have to Do**

**Chair:** Biplan Chand, M.D.; **Co-Chair:** Manabu Yamamoto, M.D.

In this Lunch Session participants will watch popular and rare complications during laparoscopic surgery and discuss its prevention and solution.

**Objectives:**
At the conclusion of this session, participants will be able to:
- List the popular/rare complications of laparoscopic surgery
- Discuss how to manage and prevent the complications
- Lessen the complications to obtain better patient outcomes

**SCHEDULE**

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<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker(s)</th>
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<tr>
<td>11:00 AM</td>
<td>Introduction</td>
<td>Biplan Chand, M.D. &amp; Manabu Yamamoto M.D.</td>
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<tr>
<td>11:05 AM</td>
<td>GERD</td>
<td>Lee L. Swanstrom, M.D.</td>
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<tr>
<td>11:13 AM</td>
<td>ARS</td>
<td>Steve D. Wexner, M.D.</td>
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<td>11:20 AM</td>
<td>Colon</td>
<td>Go Wakabayashi, M.D.</td>
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<tr>
<td>11:28 AM</td>
<td>ARS</td>
<td>Kazunori Kasama, M.D.</td>
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<tr>
<td>11:35 AM</td>
<td>Liver</td>
<td>Charles J. Filipi, M.D.</td>
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<tr>
<td>11:43 AM</td>
<td>Bariatric</td>
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<tr>
<td>11:50 AM</td>
<td>ARS</td>
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<tr>
<td>11:58 AM</td>
<td>Hernia</td>
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<td>12:05 PM</td>
<td>Discussion</td>
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*Separate Registration Fee: $55

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**Go Global Report from the Field Panel: Teaching Laparoscopic Surgery Abroad**

**Chair:** Raul Rosenthal, M.D.; **Co-Chair:** Horacio Asbun MD

As a result of SAGES growth and evolution, our society has become one of the world’s leaders in minimally invasive and endoscopic surgery. The practice and evolution of minimally invasive surgery has been enriched by SAGES members from around the globe, and it is important to analyze the challenges that have occurred outside the United States and how SAGES has participated in helping overcome adversity. The Global Initiative program was conceived to participate in basic and advanced surgical education worldwide. This symposium will highlight the achievements of the Go Global initiative since its inception and highlight how surgeons manage some unusual disease processes in other parts of the world.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Understand sentinel contributions made by SAGES members in minimally invasive surgery worldwide
- Identify contributions made by SAGES and the Go Global Initiative in implementing Minimally Invasive Surgical techniques in other countries
- Discuss the impact and application of minimally invasive surgical techniques in other parts of the world

**SCHEDULE**

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<tbody>
<tr>
<td>12:30 PM</td>
<td>Introduction</td>
<td>Raul Rosenthal, M.D. &amp; Horacio Asbun MD</td>
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<tr>
<td>12:35 PM</td>
<td>Can We Help Address the Worldwide Burden of Surgical Disease?</td>
<td>Ramon Berguer, M.D.</td>
</tr>
<tr>
<td>12:45 PM</td>
<td>Problems and Solutions When Dealing with Laparoscopic Equipment: Humanitarian and Military Experiences.</td>
<td>Steve Bowers M.D.</td>
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<tr>
<td>12:55 PM</td>
<td>A Trainer Perspective: Peru Experience</td>
<td>Allan Okrainec, M.D.</td>
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<tr>
<td>1:05 PM</td>
<td>A Trainee Perspective: Peru Experience</td>
<td>Edmundo Dedios, M.D.</td>
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<td>1:15 PM</td>
<td>Discussion</td>
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12:30 PM - 2:30 PM

**Peer Review Training Session**
Chair: Abe L. Fingerhut, M.D.; Co-Chair: Sir Alfred Cuschieri, M.D.

The peer review process has been critical to the dissemination of up-to-date scientific knowledge and best practices in medicine. This session outlines the issues involved in the peer review process as well as the intent. There will be didactic lectures and an examination and critique of several papers previously published in *Surgical Endoscopy* to provide a practical example to session attendees.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Describe what the peer review process entails
- Understand the critical importance and intent of peer review
- Incorporate ways of doing peer review well
- Identify ethical issues regarding the peer review process

**SCHEDULE**

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:30 PM</td>
<td><strong>Introduction</strong></td>
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<tr>
<td>12:35 PM</td>
<td><strong>What is Peer Review?</strong></td>
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<td>12:45 PM</td>
<td><strong>What Do We Need It?</strong></td>
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<tr>
<td>12:55 PM</td>
<td><strong>How Should It Be Done?</strong></td>
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<td>1:05 PM</td>
<td><strong>How to Learn to Do It Well</strong></td>
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<td><strong>Ethical Issues</strong></td>
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<td>1:25 PM</td>
<td><strong>Discussion</strong></td>
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<td>1:40 PM</td>
<td><strong>Examples of Articles Published in Surgical Endoscopy</strong></td>
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<td>2:15 PM</td>
<td><strong>Discussion</strong></td>
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*included in Registration SuperPass (Option A) or Registration Option C

12:30 PM - 2:30 PM

**SAGES Presidential Debates**
Chair: Daniel J. Deziel, M.D.; Co-Chair: Nathaniel J. Soper, M.D.

**Description:**
This popular session will address practical and philosophical issues that are important to SAGES surgeons in an animated and entertaining format.

**Objectives:**
At the conclusion of this session, participants will be able to:
- Understand the relevant applications of robotics in general surgery
- Discuss the issues pertinent to laparoscopic repair of groin hernias
- Appreciate the practical and ethical concerns about reimbursement for investigational procedures and about the omnipresent dissemination of minimal access surgery

**SCHEDULE**

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<th>Time</th>
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<tr>
<td>12:30 PM</td>
<td><strong>Introduction</strong></td>
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<tr>
<td>12:35 PM</td>
<td><strong>Robotics: A Real Role in GI Surgery</strong></td>
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<tr>
<td>12:45 PM</td>
<td><strong>“Right On”</strong></td>
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<tr>
<td>12:55 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>1:00 PM</td>
<td><strong>For My Groin Hernia...</strong></td>
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<tr>
<td>1:10 PM</td>
<td><strong>“Laparoscopy is Lovely”</strong></td>
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<tr>
<td>1:20 PM</td>
<td><strong>Discussion</strong></td>
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<tr>
<td>1:25 PM</td>
<td><strong>Should Investigational Procedures be Reimbursed?</strong></td>
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<tr>
<td>1:35 PM</td>
<td><strong>“Yes”</strong></td>
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<td>1:45 PM</td>
<td><strong>Discussion</strong></td>
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<td>1:50 PM</td>
<td><strong>The Title Bout</strong></td>
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<tr>
<td>2:00 PM</td>
<td><strong>“Laparoscopy Must be Universal”</strong></td>
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<td>2:10 PM</td>
<td><strong>Discussion</strong></td>
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*included in Registration SuperPass (Option A) or Registration Option C

SAGES acknowledges our Silver Level Donors for their support of this debate: *Boston Scientific, Davol, Inc., Gore & Associates*
Conflict of Interest Panel
Chair: Steve Eubanks, M.D.; Co-Chair: Neely Panton, M.D.
Description:
This panel provides a well-rounded perspective of the current issues that revolve around Conflict of Interest. The topics covered outline not only the pros and cons of the newly set rules for Physician-Industry Relationships, but also define avenues for healthy partnerships amidst strict regulations.

Objectives:
At the conclusion of this session, participants will be able to:
• Identify the new Conflict of Interest rules affecting Physician-Industry relationships
• Understand the impetus for current rules and oversight
• Integrate new approaches to managing Conflict of Interest rules
• Utilize effective strategies for coping with Conflict of Interest rules

SCHEDULE
1:30 PM  Introduction  Steve Eubanks, M.D. & Neely Panton, M.D.
1:35 PM  The Current Status of Physician-Industry Relationships and Conflict of Interest (COI) Rules  Gerald M. Fried, M.D.
1:45 PM  Why Physician-Industry Relationships Require Strict Conflict of Interest (COI) Rules and Oversight  Michael D. Holzman, M.D.
1:55 PM  How Excessive COI Rules are Killing Healthy Physician-Industry Relationships  R. Larry Whelan, M.D.
2:05 PM  Surviving and Succeeding in an Era of Tightened COI Regulations  Bruce D. Schirmer, M.D.
2:15 PM  Discussion

Resident and Fellows Scientific Session
Chair: Gregory F. Dakin, M.D.; Co-Chair: Adheesh A. Sabnis, M.D.
In this session, selected residents and fellows will have the opportunity to present their research to a panel of distinguished faculty – all prominent surgeon-scientists who contribute regularly to the field of minimally invasive surgery. The panel will discuss and critique each presentation with a particular focus on study design, methodology, and critical review of results. Speakers will be judged not only on the content and originality of their work but on their presentation skills as well. An award for the best scientific presentation will be given at the conclusion of the session.

Objectives:
At the conclusion of this session, participants will be able to:
• Describe methodological pitfalls that detract from scientific studies
• Identify solutions to these problems and apply them in order to improve study design
• Optimize communication and transfer of information in the context of a 10 minute presentation
• Recognize the depth and complexity of current research endeavors of surgeons-in-training

SCHEDULE
2:30 PM  Introduction  Frederick L. Greene, M.D., Bruce MacFadyen, Jr., M.D., William Barry Inabnet, M.D., William Traverso, M.D., Christopher Jamieson, M.D.
Discussion

Single Port Access Surgery Panel
Chair: Joel Leroy, M.D.; Co-Chair: Andrew A. Gumbs, M.D.
Description:
Reduced port surgery has generated a tremendous amount of excitement in the surgical community. However, its clinical benefits remain poorly defined. This session will provide an update on the latest developments in this rapidly evolving area.

Objectives:
At the conclusion of this session, participants will be able to:
• Trace the history and evolution of Single Port Access Surgery in the spectrum of Minimally Invasive Surgery
• Identify the key concepts in getting Single Port Access and the steps necessary to safely perform appendectomy, cholecystectomy, and colectomies
• Discuss the indications for Single Port Access surgery and when to convert to multiple port laparoscopy
• Recognize oncologic principles and pitfalls specific to Single Port Access surgery and indications/contraindications to Single Port Access surgery in cancer patients

SCHEDULE
2:30 PM  Introduction  Joel Leroy, M.D. & Andrew A. Gumbs, M.D.
2:35 PM  The History of Single Port Access Surgery and Basic Technical Principles  Paul G. Curcillo, M.D.
2:45 PM  Single Port Access Appendectomy  Elie Choulliard, M.D.
2:55 PM  Single port Cholecystectomy: Techniques and Overview of the Literature  Prashanth Rao, M.D.
3:05 PM  Single Port Access Bariatric Surgery: Gastric Sleeves and Laparoscopic Adjustable Gastric Band Placement  Marc Bessler, M.D.
3:15 PM  Colorectal Surgery with Single Port: Techniques and Overview of the Indications  Feza Remzi, M.D.
3:25 PM  Single Port Access in Endocrine Surgery (Adrenal, Spleen, Thyroid?)  Eduardo Targarona, M.D.
3:35 PM  Single Port Surgery: A Step to NOTES  Ronan Cahill, M.D.
3:45 PM  Discussion
Emerging Technology Session
Chair: Steven D. Schwartzberg, M.D.; Co-Chair: Alex Gandas, M.D.

For the 6th 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 braking”, “cutting-edge” or novel information are greatly encouraged. Submission of preliminary results for new technologies is encouraged as well.

SAGES does not offer CME for this session.

SAGES acknowledges our Gold Level Donors for their support of this session: Ascent Healthcare Solutions, Stryker Endoscopy

Friday Evening

Meet the Leadership Reception For Residents, Fellows & New Members
Location: Gaylord Hotel (room TBD)

Free Night – Water Taxi Service
In addition to cabs and rental cars, the National Harbor offers a fun and practical way to get to various destinations...a water taxi! Water taxi service is available to and from points around Washington D.C., Virginia and Maryland for your convenience. The Potomac Riverboat Company operates water taxi service between National Harbor and Old Town Alexandria, with additional boat service to Mount Vernon and Georgetown. Water taxis will run every half hour between National Harbor and Old Town Alexandria. There will be three daily trips to Georgetown’s Washington Harbor, and a single daily trip to George Washington’s Mount Vernon Estate. Ask the concierge for more information.

2010 World Congress International Webcast Sessions
Sign-up TODAY to be part of the 2010 World Congress by participating in the International Webcast Sessions. For more information please visit us at:
http://www.sages.org/meetings/annual_meeting/2010/

Friday, April 16, 2010

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<tr>
<td>8:00 am - 9:00 am</td>
<td>Video Plenary Session</td>
<td>Moderators: TBD</td>
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<tr>
<td>9:00 am - 9:15 am</td>
<td>SAGES Presidential Address</td>
<td>C. Daniel Smith, M.D.</td>
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<tr>
<td>9:15 am - 9:45 am</td>
<td>Gerald Marks Keynote Lecture</td>
<td>TBD</td>
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<tr>
<td>10:00 am - 11:00 am</td>
<td>Symposium: NOTES* - Alive and Well, or RIP?</td>
<td>Chair: David W. Rattner, M.D.</td>
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<td>Co-chair: Venkat G. Rao, M.D.</td>
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<td>Chair: Daniel J. Deziel, M.D.</td>
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<td>Co-chair: Nathaniel Soper, M.D.</td>
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<tr>
<td>12:15 pm - 2:15 pm</td>
<td>Presidential Debates</td>
<td>Chair: Joel Leroy, M.D.</td>
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<td>Co-chair: Andrew A. Gumbs, M.D.</td>
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<tr>
<td>2:30 pm - 4:00 pm</td>
<td>Panel: Single Port Access Surgery</td>
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Saturday, April 17, 2010

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<th>CHAIR (S)/SPEAKER</th>
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<tbody>
<tr>
<td>7:00 am - 8:30 am</td>
<td>Panel: Live from Afghanistan: Video Conference Military Coalition</td>
<td>Chair: Steven P. Bowers, M.D.</td>
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<td>Co-Chair: Richard M. Satava, M.D.</td>
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<tr>
<td>8:30 am - 9:00 am</td>
<td>Karl Storz Keynote Lecture</td>
<td>TBD</td>
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<tr>
<td>9:00 am - 9:30 am</td>
<td>Royal College of Physicians and Surgeons of Canada Lecture</td>
<td>Robert DiRaddo, Ph.D.</td>
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<tr>
<td>9:30 am - 11:00 am</td>
<td>Plenary Session SS14</td>
<td>Moderators: TBD</td>
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SAGES gratefully acknowledges the following companies for their generous support towards the SAGES Go Global Initiative:
Covidien, Ethicon Endo-Surgery, Inc. and SAGES Education & Research Foundation

SAGES gratefully acknowledges the following individuals for their generous contributions in kind:
Horacio Asbun, MD, Ramon Berguer, MD, David Earle, MD, Mark Pleatman, MD, Julio Teixeira, MD
Saturday, April 17, 2010

Scientific Sessions & Panels

7:00 AM - 8:30 AM

Live From Afghanistan Session: Video Conference Military Coalition
Chair: COL (ret) Steven P. Bowers, M.D.; Co-Chair: COL (ret) Richard M. Satava, M.D.

Description:
The military has adapted laparoscopic and endoscopic technologies to the battlefield setting. This session will provide a unique window into how active duty military personnel use new surgical technologies in challenging environments.

Objectives:
At the conclusion of this session, participants will be able to:
• To understand how the military uses minimally invasive surgical techniques
• To learn how surgery in challenging military environments differs from the elective setting

SCHEDULE
7:00 AM Introduction
7:05 AM Live from Afghanistan – Report of Minimally Invasive Procedures in the Theater of War
7:20 AM Live from Afghanistan – Is Flexible Endoscopy Appropriate for Battlefield Surgical Care?
7:35 AM Advances in Military Care – New Surgical Technologies for the Battlefield
7:50 AM Military Battlefield Surgery
8:10 AM Discussion

Hernia Debates Panel: What Has Happened and What We Have to Do
Chair: Guy R. Voeller, M.D.; Co-Chair: Edward H. Phillips, M.D.

Description:
Is laparoscopic therapy for the treatment of hernia better, worse, or equivalent to the open approach? This question remains incompletely answered even in 2009. This panel will address recent advances in the evaluation and treatment of inguinal, paraesophageal, incisional and sportsman’s hernia.

Objectives:
At the conclusion of this session, participants will be able to:
• Learn treatment options for sportsman hernia
• Learn the best surgical approach for paraesophageal hernia repair
• Learn if mesh fixation is required for laparoscopic inguinal hernia repair
• Learn if laparoscopic repair of incisional hernia adequately reconstructs the abdominal wall

SCHEDULE
7:00 AM Introduction
7:05 AM Debate 1 – Sportsman Hernia
7:15 AM Debate 2 – Paraesophageal Hiatal Hernia
7:25 AM Debate 3 – Fixation of Mesh for Laparoscopic Inguinal Hernia Repair
7:45 AM Debate 4 – Laparoscopic Repair of Incisional Hernia Cannot Adequately Reconstruct the Abdominal Wall
8:15 AM Discussion

Concurrent Sessions (accepted oral & video presentations)

Register on-line at www.12thworldcongress.org
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 AM - 9:00 AM</td>
<td>Karl Storz Lecture: Christopher J. Gostout, M.D.</td>
</tr>
<tr>
<td>9:00 AM - 9:30 AM</td>
<td>The Royal College of Physicians and Surgeons of Canada Lecture VR Systems for Surgical Oncology Robert DiRaddo, Ph.D. Group Leader, Simulation of Deformable Materials National Research Council of Canada</td>
</tr>
<tr>
<td>9:30 AM - 11:00 AM</td>
<td>Plenary Session II</td>
</tr>
<tr>
<td>10:00 AM - 1:00 PM</td>
<td>Last Chance to Visit Exhibits, Posters, Learning Center Open Please note 1:00 PM Closing Time!</td>
</tr>
<tr>
<td>11:00 AM - 11:30 AM</td>
<td>SAGES Annual General Membership Business Meeting All SAGES Members Encouraged to Attend!</td>
</tr>
<tr>
<td>11:30 AM - 12:30 PM</td>
<td>FREE Lunch in Exhibit Hall for all World Congress Scientific Session Registrants!</td>
</tr>
<tr>
<td>11:30 AM - 1:00 PM</td>
<td>Fellowship Council Luncheon The Future of Fellowships: How Will They Be Funded Chair: Adrian E. Park, M.D.; Co-Chair: Bruce D. Schirmer, M.D.</td>
</tr>
</tbody>
</table>

**Fellowship Council Luncheon SCHEDULE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>11:30 AM</td>
<td>Introduction</td>
</tr>
<tr>
<td>11:35 AM</td>
<td>Non-ACGME Fellowships: How Many &amp; What Types Are Out There?!</td>
</tr>
<tr>
<td>11:50 AM</td>
<td>Current Funding of Non-ACGME Fellowships: A Variety of Options</td>
</tr>
<tr>
<td>12:05 PM</td>
<td>The Industry Perspective on Funding of Fellowships</td>
</tr>
<tr>
<td>12:25 PM</td>
<td>Discussion</td>
</tr>
</tbody>
</table>
“Uh Oh! What Now?” Video Panel
Chair: David R. Urbach, M.D.; Co-Chair: David B. Earle, M.D.

This panel involves interactive case presentations with video and still photos of intraoperative findings. Both the audience and the expert panel will weigh in on solutions to the problems. The audience will be able to interact with an audience response system, and microphones on the floor. The moderator will poll the expert panel, and review recent, pertinent literature related to the topic.

Objectives:
At the conclusion of this session, participants will be able to:
- Develop a strategy for emergent conversion to open surgery
- Resolve an intraoperative exposure during single port cholecystectomy
- Improve operative exposure during single port cholecystectomy
- Understand and implement strategies for controlling hemorrhage laparoscopically

SCHEDULE
1:00 PM Introduction
1:05 PM Leaking Anastomosis After Gastric Bypass
1:20 PM Laparoscopic Treatment of Ruptured Diverticulitis
1:35 PM Enhancing Operative Exposure During Gastric Bypass with Larger Liver
1:50 PM Enhancing Operative Exposure During Single Port Cholecystectomy
2:05 PM Difficult Fundus Mobilization and Bleeding Short Gastrics During Foregut Surgery
2:20 PM Rapid Conversion to Open Surgery – Pro Sports Team or Circus Circus?
2:35 PM Discussion

CAGS Simulation in the Training of Surgeons Session
Chair: Liane S. Feldman, M.D.; Co-Chair: Teodor P. Grantcharov, M.D.

While growing evidence supports the transfer of skills from the simulated to the operating room environment, barriers remain to its widespread adoption and integration into clinical training practices. This session will review recent evidence supporting the use of simulation for surgical training (including integration in comprehensive curricula) and assessment (selection, certification, re-certification), as well as discuss current obstacles to implementation.

Objectives:
At the conclusion of this session, participants will be able to:
- Summarize the evidence supporting transfer of skills from the simulated to the operating room environment [competence]
- List important factors required for effective teaching in the simulated environment [competence]
- Integrate comprehensive simulation-based training and assessment curricula unto clinical training [performance]
- Discuss what level of evidence is required for the use of simulation for certification [competence]
- Apply the principles of objective assessment and evidence-based training to improve quality of surgical education at their center [outcomes]

SCHEDULE
1:00 PM Introduction
1:05 PM Transfer of Skills from the Simulation Lab to the Operating Room – What is the Evidence? Liane S. Feldman, M.D.
1:20 PM How to Provide Effective Teaching in a Simulated Environment
1:35 PM Integrating Comprehensive Simulation-Based Curricula Into Clinical Training
1:50 PM Introducing Team Training Into Residency Training – What Can We Teach and How Can We Measure It?
2:05 PM Simulation as a Tool for Certification – Are We Ready?
2:20 PM Fulfilling the Promises of Simulation Training – What are the Obstacles?
2:35 PM Discussion
### 12th World Congress of Endoscopic Surgery

**Saturday, April 17, 2010**

**Scientific Sessions & Panels**

1:00 PM - 3:00 PM

**FES Roll-Out Session**

**Chair:** Brian J. Dunkin, M.D.; **Co-Chair:** Jeffrey M. Marks, M.D.

This session will introduce the new FES testing program – the first validated test of flexible endoscopy skills. FES is modeled after FLS (Fundamentals of Laparoscopic Surgery) with web-based reference material, a written examination, and a hands-on skills test. The process for developing FES, data on its validation, and plans for making it available to the medical community will be described.

**Objectives:**

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

- Recognize the current requirements for endoscopic training
- Describe the components of FES
- Define the overall goals of FES

**SCHEDULE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:00 PM</td>
<td>Introduction</td>
<td>Brian J. Dunkin, M.D. &amp; Jeffrey M. Marks, M.D.</td>
</tr>
<tr>
<td>1:05 PM</td>
<td>The Numbers Game – Current Requirements for Training &amp; Credentialing in Flexible Endoscopy</td>
<td>John Mellinger, M.D.</td>
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<tr>
<td>1:20 PM</td>
<td>Why Create FES? – Inspiration and Timeline</td>
<td>Brian J. Dunkin, M.D.</td>
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<tr>
<td>1:35 PM</td>
<td>What is FES – Web-Based Didactic Material, Cognitive Exam, Hands-on Skills Test</td>
<td>Jeffrey M. Marks, M.D.</td>
</tr>
<tr>
<td>1:55 PM</td>
<td>How was FES Validated? – Cognitive Exam</td>
<td>Benjamin Poulose, M.D.</td>
</tr>
<tr>
<td>2:10 PM</td>
<td>How was FES Validated? – Hands-on Skills Test</td>
<td>Melina Vassilou, M.D.</td>
</tr>
<tr>
<td>2:25 PM</td>
<td>Future of FES – Linking to Clinical Performance, Requirement in Surgery Training</td>
<td>Gerald Fried, M.D.</td>
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<tr>
<td>2:40 PM</td>
<td>Discussion</td>
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1:00 PM - 5:00 PM

**Concurrent Sessions** (accepted oral & video presentations)

3:00 PM - 4:00 PM

**IFSES Surgical Education Around the World Panel**

**Chair:** Alberto Chousleb, M.D.; **Co-Chair:** Natan Zundel, M.D.; **Co-Chair:** Tatsuo Yamakawa

**Description:**

Each member society of IFSES has educational challenges as related to laparoscopic/endoscopic surgery. This session will feature a variety of educational issues amongst our member societies. How do we compare with each other? Can we offer similar solutions from different backgrounds? This is an international, star-studded cast to peak your interest in education.

**Objectives:**

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

- Realize the different ways and options for surgical education around the world
- Explain how new technologies are being implemented and their impact in surgical training
- Recognize what the widespread use of new technologies is in different parts of the world

**SCHEDULE**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
<th>Speaker(s)</th>
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</thead>
<tbody>
<tr>
<td>3:00 PM</td>
<td>Introduction</td>
<td>Alberto Chousleb, M.D. &amp; Natan Zundel M.D.</td>
</tr>
<tr>
<td>3:05 PM</td>
<td>Telementoring and Telemedicine as an Educational Tool</td>
<td>Mehran Anvari, M.D.</td>
</tr>
<tr>
<td>3:15 PM</td>
<td>Fellowship Training in the United States, Where do We Stand?</td>
<td>Steve Eubanks, M.D.</td>
</tr>
<tr>
<td>3:25 PM</td>
<td>Minimally invasive Surgery Training in Latin America</td>
<td>Samuel Shuchleib, M.D.</td>
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<tr>
<td>3:35 PM</td>
<td>How to Adapt Surgical Education to New Technology</td>
<td>Sir Alfred Cuschieri, M.D.</td>
</tr>
<tr>
<td>3:45 PM</td>
<td>3-D/Robotic Surgery as Emerging Technologies Current Applications and Near Future Expectation</td>
<td>Seigo Kitano, M.D.</td>
</tr>
<tr>
<td>3:55 PM</td>
<td>Application of Advanced Minimally Invasive Techniques in Rural Areas</td>
<td>Pradeep Chowbey, M.D.</td>
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<tr>
<td>4:05 PM</td>
<td>Discussion</td>
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<tr>
<td>4:15 PM</td>
<td>Training Residents Versus training Surgeons - Should They be Trained the Same?</td>
<td>Michael Li, M.D.</td>
</tr>
<tr>
<td>4:25 PM</td>
<td>Should SILS, NOTES, and Robotics Integrate the Current Surgical Curriculum or be Part of a Fellowship Program?</td>
<td>Natan Zundel, M.D.</td>
</tr>
<tr>
<td>4:35 PM</td>
<td>What is the Role of International Surgical Societies in Education</td>
<td>Gerald Marks, M.D.</td>
</tr>
<tr>
<td>4:45 PM</td>
<td>Present and Future of Minimally Invasive Surgery Education</td>
<td>Jacques Perissat, M.D.</td>
</tr>
<tr>
<td>4:55 PM</td>
<td>Discussion</td>
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**Saturday Evening**

7:30 PM - 11:00 PM

**Don’t miss the World Congress Main Event – Featuring: The International Sing-Off!**

Location: Newseum. See page 42 for details.

Check this event on your registration form if you plan to attend. Free to all SuperPass Registrants (Registration Option A). Registration Options B & C must purchase tickets.
The Learning Center is a set of educational classrooms where attendees can gain knowledge and practice skills relevant to minimally invasive surgery. Station coordinators instruct individuals and small groups on topics that range from basic instrumentation to advanced laparoscopic skills. Participants may visit one or more stations that address their educational objectives and spend whatever time is necessary to meet their learning objectives

1. Natural Orifice Transluminal Endoscopic Surgery (NOTES™)
   Coordinator: Kai Matthes, M.D., Ph.D.
   Natural Orifice Transluminal Endoscopic Surgery (NOTES™) is an emerging research area of minimally-invasive surgery. The development of new surgical procedures and devices can be simulated effectively in a training model. For the NOTES® Station of the SAGES learning center, a novel ex-vivo simulator is used to provide a realistic training experience using commercially available laparoscopic and flexible endoscopic devices. The ex-vivo model consists of a complete porcine peritoneal cavity explant, which is harvested from the meat production industry, thoroughly cleaned, embalmed and modified to closely resemble human anatomy. Real tissue provides a realistic tactile feedback, which is essential to assess and train new techniques such as NOTES™. Laparoscopic surgeons without flexible endoscopic experience can learn how to operate a flexible endoscope and how to establish transgastric, transvaginal or transcolonic access in order to perform a peritoneal exploration. For the more advanced ‘digestiveists’ with flexible endoscopic experience, organ resection (appendectomy, cholecystectomy, distal pancreatectomy, nephrectomy, liver lobe resection, hysterectomy, oophorectomy) or gastrointestinal anastomosis techniques (gastrojejunoanastomosis, partial gastrectomy, coloectomy) will be simulated.

   Objectives:
   At the conclusion of this activity, the participant will be able to:
   • Perform transluminal access of the peritoneal cavity by using a transgastric, transcolonic or transvaginal approach using flexible endoscopes with or without laparoscopic assistance
   • Perform NOTES® appendectomy, cholecystectomy, distal pancreatectomy, nephrectomy, liver lobe resection, hysterectomy, oophorectomy
   • Perform a secure closure of the transluminal access port using various techniques such as t-tags, clips or sophisticated closure devices
   • Review the limitation of currently available standard endoscopic devices and the advantage of additional laparoscopic ports for visualization and retraction using a hybrid-NOTES™ approach

2. SILS: Entry Methods
   Coordinators: Gregg Nishi, M.D. & Marina Kurian, M.D.
   Single incision or single port access is emerging as an optimal technique for entry into the abdominal cavity to perform a variety of different laparoscopic procedures. To date, there is dominantly-preferred entry method, but instead a variety of options exist that include using multiple trocars through a single skin incision or using one of many specially designed single port access devices. At this station, you will become familiar with both options. A variety of low-profile trocars that are routinely used in SILS will be available for use in an inanimate model. Additionally, you will be able to practice inserting and setting up a variety of single port access devices that are currently available for clinical use. By the end of your visit, you will be more familiarized with and more able to compare and contrast the different entry methods available to perform SILS operations.

   Objectives:
   At the conclusion of this activity, the participant will be able to:
   • Compare and contrast different entry methods available to perform SILS operations
   • Demonstrate how to insert and set up a variety of single port access devices

3. SILS: Instruments & Techniques
   Coordinators: Brian Jacob, M.D., Greg Dakin, M.D., & Julio Texeria, M.D.
   In conjunction with the SILS Entry methods Station, at this station participants will gain experience with the ability to perform single incisions procedures. The highlight of this station will be an opportunity to suture using single incision techniques in a trainer box and then to compare your skill to traditional laparoscopic suturing. Both straight instruments and articulating instruments will be compared. In addition, you will learn to insert liver and gallbladder retractors, and then practice performing different single incision tasks like suturing, running bowel, or dissecting. Participants will have the opportunity to use a variety of SILS instruments. In addition, at this station, experts in the various SILS procedures like lap adjustable gastric banding, gallbladder, colon, and hernia, will be showing videos that demonstrate their techniques and offer a unique one-on-one opportunity to learn and ask questions.

   Objectives:
   At the conclusion of this activity, the participant will be able to:
   • Perform different single incisions tasks such as suturing, running bowel, or dissecting
   • Demonstrate how to insert and set up a variety of single port access devices

4. Fundamentals of Laparoscopic Surgery
   Coordinator: Melina Vassiliou, M.D.
   This station will introduce participants to the Fundamentals of Laparoscopic Surgery (FLS) didactic and technical skills modules. FLS was designed to teach the physiology, fundamental knowledge, and technical skills required to perform basic laparoscopic surgery, and is a joint ACS - SAGES program. Participants will use the interactive web-based format and the lap trainer boxes to become familiar with the program while working on their laparoscopic knowledge and skills. This station will also give new program directors the opportunity to have hands-on time with the module and to learn about the Coviden Educational Fund. At the conclusion of this activity, the participant will be able to:

   Objectives:
   At the conclusion of this activity, the participant will be able to:
   • Describe the components of the FLS program
   • Explain some of the preoperative, intraoperative, and postoperative considerations fundamental to laparoscopic surgery

5. FES
   Coordinators: Brian Dunkin, M.D. & Ted Trus, M.D.
   Come get hands-on experience in flexible endoscopy. This station will showcase the newly developed Fundamentals of Endoscopic Surgery (FES) testing platform (the flexible endoscopy equivalent of FLS) - the first validated hands-on test for gastrointestinal endoscopic skills. FES will be loaded on a Simbionix virtual reality simulator for you to “test drive”. The station will also feature endoscopy training on real tissue using an explant model for mucosal banding, polypectomy, submucosal injection, clipping, and coagulation. Finally, video based education material is available to review the new SAGES flexible endoscopy hands-on training curriculum and preview the developing FES website.
   This is your chance to practice your endoscopic skills with the help of expert proctors, or throw your hat into the ring to pit your skills against others in an FES shootout. The winner of the FES shootout will receive a SAGES Top 14 DVD video set.

   Objectives:
   At the conclusion of this activity, the participant will be able to:
   • Evaluate the FES manual skills testing module
   • Assess his/her flexible endoscopy skills
   • Develop basic endoscopic skills on virtual reality and real tissue simulation platforms
   • Evaluate the SAGES flexible endoscopy hands-on training curriculum

6. Laparoscopic Ventral Hernia and Inguinal Hernia Repair
   Coordinator: Adrian Park, M.D., Yo Kurashima, M.D., Gerald Fried, M.D.
   The laparoscopic ventral hernia repair has become a very commonly performed procedure. Both virtual reality and box trainer hernia modules will allow participants to practice and become facile with this technique. This station will also feature new simulation modules for laparoscopic inguinal hernia repair. Participants will gain experience with the steps of the procedures, as well as positioning and securing the mesh.
**2010 Learning Center**

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- To learn normal anatomic relationships.
- Practice mesh deployment and securing techniques.

**7. Suturing**
Coordinators: Zoltan Szabo, Ph.D. & Neal Seymour, M.D.

Participants receive intense hands-on suturing including intracorporeal techniques with instantaneous feedback. Laparoscopic tissue handling and complex suturing maneuvers will also be demonstrated. Virtual reality suturing simulators will be used to allow “virtual” suturing practice – no suture required, just a fancy videogame with needle driver handles instead of joysticks. Trainees will be able to compare their scores with established expert levels for both types of simulators.

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- To describe the key steps for intracorporeal suturing and knot-tying.
- To practice intracorporeal suturing and knot-tying in ananimate and virtual reality environments.
- To demonstrate proficiency compared to “experts”.

**8. Laparoscopic Common Bile Duct Exploration**
Coordinator: Benjamin Poulouse, M.D., Brian Katz, M.D.

At this station, participants will gain exposure to the laparoscopic transcytic method of common bile duct stone management. The station utilizes the latest in inanimate model technology to simulate an actual situation for the management and retrieval of common bile duct stones.

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- Identify the indications for laparoscopic common bile duct exploration.
- Describe the necessary equipment utilized during laparoscopic transcytic common bile duct exploration including common bile duct access instrumentation, cholecodochoscopy, and stone retrieval methods.
- Work as part of a simulated operating room team to perform laparoscopic transcytic common bile duct exploration.

**8. Intraoperative Ultrasound**
Coordinator: Leonardo Villegas, M.D.

This station will focus on Intraoperative Ultrasound techniques and applications. Participants will use the latest ultrasound technology with a new inanimate phantom that was developed to mimic the ultrasound properties of abdominal organs. Instructors will demonstrate and help participants perform intraoperative ultrasound for liver, biliary and pancreatic disease, as well as discuss their surgical applications.

**Objectives:**
- To describe basic ultrasonography techniques
- To describe how ultrasound may be used to diagnose and treat biliary and pancreatic disease.

**10. Laparoscopic Weight Loss Surgery**
Coordinator: Shanu Kothari, M.D. & John Morton, M.D.

The learning curve for gaining proficiency in weight-loss procedures may be shortened with an effective simulator. The Laparoscopic Adjustable Gastric Band Simulator allows participants to introduce a laparoscopic adjustable band, “run” the tubing, place the band in its correct anatomic position, and fixate the port into the subcutaneous tissue. The technical aspects of laparoscopic adjustable gastric band placement may be enhanced by simulation and allow a greater preprocedural understanding for the trainee and expert alike. A virtual laparoscopic gastric bypass trainer will similarly allow for participants to familiarize themselves with the steps and techniques necessary to perform gastric bypass.

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- To review laparoscopic adjustable gastric band anatomy, structure, and function.
- To describe the basic steps of placing a laparoscopic adjustable gastric band.
- To explain the steps and techniques necessary to perform laparoscopic gastric bypass surgery. 
(Please note this does not meet the FDA requirements for qualifications to perform lap band surgery)

**11. Robotic Surgery**
Coordinators: Dmitry Oleynikov, M.D. & Matt Goede, M.D.

Surgical robotic systems allow for the surgeon to comfortably sit at a console and ergonomically manipulate and control the robotic arms and instruments. This offers the surgeon increased range of motion, three-dimensional imaging, the benefit of motion scaling, as well as eliminating tremor. The purpose of this station will be to all participants to have hands-on exposure to the latest technologies in robotic surgery. Participants will be able to perform various simulated tasks using a surgical robot. Additionally, new in-vivo robots, including deployable robotically controlled laparoscopic visualization systems will be demonstrated.

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- Perform various simulated tasks using surgical robot
- Identify latest technologies in robotic surgery

**12. Video Editing**
Coordinators: Adheesh Sabnis, M.D., Yuri Novitsky, M.D.

The presentation of surgical videos is now an integral component of scientific meetings both for educational reasons, as well as for the demonstration of new techniques. The purpose of this station will be to learn the basic tools needed for capturing video in the operating room, and become familiar with the various software available for video editing on both PC and Mac platforms. Participants will have the opportunity to perform basic video editing of short videos as the station.

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- Identify basic tools needed to capture video in operating room
- Perform basic video editing of short videos

**13. Team Simulations**
Coordinator: Shawn Tsuda, M.D.

Surgeons of today must be leaders of high performance teams to optimize efficiency and safety in the operating environment. High-fidelity simulation allows surgical teams to identify deficits in communication and performance. This station will engage surgeons, endoscopists, anesthesiologists, nurses, surgical technologists in practicing new procedures such as Natural Orifice Transluminel Endoscopic Surgery (NOTES) and simulating low frequency events such as technical complications and intraoperative crises in a mock endosuite. A debriefing and evaluation of performance using validated tools will promote retention of valuable learning points.

**Objectives:**
At the conclusion of this activity, the participant will be able to:
- Demonstrate team-based techniques in managing technical complications or intra-operative crises.
- Identify and interactively discuss deficits in team performance post-simulation
- Simulate technical aspects of NOTES® procedures as an operative team

**14. Patient Safety**
Coordinators: Gretchen Purcell Jackson, M.D., Ph.D. & Joshua Glenn, M.D.

The last decade has seen increasing emphasis on patient safety and quality of care from government agencies, regulatory bodies, and payers. At this station, participants can explore a variety topics related to surgical patient safety including proper use of operative instrumentation, informed consent, care-team communications, and avoiding malpractice lawsuits through videos, web-based instructional modules, and interactive instruction.

At the conclusion of this activity, the participant will be able to:
- Identify critical patient safety issues relevant to the practicing surgeon
- Enumerate educational resources for learning about surgical patient safety
- Demonstrate competencies in one or more areas of patient safety
Why Join SAGES?

Surgeons join SAGES because our primary mission is to:

- Provide revolutionary educational programs.
- **Support and encourage achievement in endoscopic surgery for the surgeon.**
- Promulgate **guidelines in standards of practice and training** that reflect up-to-date scientific data and surgical thinking.
- Protect the **interests of our patients** in assuring them access to the BEST operation.
- Keep surgeons aware of innovative technology that will improve the practice of surgery.
- Support **innovative endoscopic research.**

Surgeons join because SAGES is an unconventional surgical association in the best sense of the word. It is a collegial group in which newcomers are welcomed like long-term members of the i.family. SAGES members “networked” before that word had been invented. If you participate, you are valuable. If you work for the Society, you are invited into its leadership circle. SAGES is inclusive while preserving quality. It is statistically more difficult to have a paper accepted for **oral presentation** at a SAGES meeting than almost any other group. But new ideas are welcomed. **We have a service-oriented staff.** When you call with a question, someone answers it or finds the answer or helps you find out where to find the answer. This organization was founded **FOR** our members, and its primary responsibility is **TO** our members.

What We’ve Done in a Short Time:

SAGES (The Society of American Gastrointestinal and Endoscopic Surgeons) was founded in 1981 to foster, promote, support, and encourage academic, clinical, and research achievement in gastrointestinal endoscopic surgery. The Society has grown from fewer than 50 original members to more than 6,000 from every state and many countries.

There are many benefits of membership in SAGES, but surgeons do not just to get discounts for meeting registration or reserve spaces in our basic and advanced resident courses.

SAGES...

- has a representative on the American College of Surgeons Board of Governors.
- is a Nominating Member of the American Board of Surgery.
- holds a seat in the House of Delegates of the A.M.A.
- is the voice for surgery of the future.

For more information about SAGES, or to join the organization, please visit sages.org or contact the membership department at (310) 437-0544, ext. 110.
All faculty listed have been invited, but not confirmed.
World Congress Invited Faculty Tentative List as of Nov., 2009
All faculty listed have been invited, but not confirmed.

Thomas Roesch, MD, Mason, OH
Sergio Roll, MD, Sao Paulo, Brazil
John R. Romanelli, MD, Springield, MA
Michael J. Rosen, MD, Cleveland, OH
Raul J. Rosenthal, MD, Weston, FL
James B. Rosser Jr, MD, Spring, TX
Francesco Rubino, MD, Strasbourg, France
Eric Rullier, MD, France
Adheesh A. Sabnis, MD, Baltimore, MD
Barry Salky, MD, New York, NY
Aviva Sapers, Newton, MA
Abeezar I. Sarela, MD, Leeds, United Kingdom
Richard M. Satava, MD, Seattle, WA
Philip R. Schauer, MD, Cleveland, OH
Bruce D. Schirmer, MD, Charlottesville, VA
Christopher Schlachta, MD, London, Ontario, Canada
LTG Eric Schoomaker, MD, PhD, Frederick, MD
R. Schwab, MD, Germany
Steven D. Schwartizberg, MD, Cambridge, MA
Daniel J. Scott, MD, Dallas, TX
Donna See, MD
Don J. Selzer, MD, Indianapolis, IN
Neal E. Seymour, MD, Springfield, MA
Paresh C. Shah, MD, New York, NY
Baiju R. Shah, MD, Toronto, Ontario, Canada
Scott A. Shikora, MD, Sharon, MA
Samuel Shuchleib, MD, Mexico
Allan E. Siperstein, MD, Cleveland, OH
Luc Soler, PhD, Strasbourg, France
Toyooki Sonoda, MD, New York, NY
Nathaniel J. Soper, MD, Chicago, IL
Mike Stahl, MD, Glenwood Springs, CO
Greg V. Stiegenmann, MD, Aurora, CO
Vivian E.M. Strong, MD, New York, NY
Lee L. Swanstrom, MD, Portland, OR
Daniel E. Swartz, MD, Fresno, CA
Patricia Sylia, MD, Boston, MA
Zoltan Szabo, PhD, San Francisco, CA
Mark A. Talamini, MD, San Diego, CA
Eduardo Targarona, MD, Barcelona, Spain
Craig J. Taylor, MD, Balgowlah, NW, Australia
Julio A. Teixeira, MD, New York, NY
Michael H. Thompson, MD, Bristol, United Kingdom
Christopher C. Thompson, MD, Boston, MA
Augusto Almeida Tinoco, MD, Itaperuna, Brazil
Alfonso Torquati, MD, Durham, NC
Shirin Towfigh, MD, Los Angeles, CA
L. William Traverso, MD, Seattle, WA
Thadeus L. Trus, MD, Lebanon, NH
Shawn T. Tsuda, MD, Las Vegas, NV
Surendra M. Ugale, MD, Hyderabad, India
David R. Urbach, MD, Toronto, ON, Canada
Heine van der Walt, MD, South Africa
R. N. van Veen, MD, Netherlands
Melina C. Vassiliou, MD, Montreal, PQ, Canada
Ashley Vernon, MD, Boston, MA
Leonardo Villegas, MD, Kansas City, MO
Anthony J. Vine, MD, New York, NY
Guy R. Voeller, MD, Memphis, TN
Go Wakabayashi, MD, Moroka-city, Japan
Martin Weiser, MD, New York, NY
Eric Glenn Weiss, MD, Weston, FL
Steven D. Wexner, MD, Weston, FL
R. Larry Whelan, MD, New York, NY
Mark H. Whiteford, MD, Portland, OR
Pascal Wittenger, MD
Tatsuo Yamakawa, MD, Tokyo, Japan
Manabu Yamamoto, MD, Tokyo, Japan
Han-Kwang Yang, MD, South Korea
Tonia M. Young-Fadok, MD, Phoenix, AZ
Natan Zundel, MD, Miami Beach, FL

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Olympus / Gyrus ACMi Ad
Page 39
The Virtual Meeting

Visit us online and instantly access valuable content featured at the 2009 SAGES Annual Meeting.

Featured Sessions May Include:

- Keynote Lectures
- Colon Postgraduate Course
- Flexible Endoscopy Postgraduate Course
- Advanced Laparoscopic Techniques Postgraduate Course
- And much more!!

New material will be posted on a regular basis. Visit us soon to see what’s NEW.

Multiple Formats:
- Video
- PowerPoint with Audio
- Digital Posters
SAGES Educational Video Library

The SAGES Educational Video Library is a collection of narrated minimally invasive surgical videos. These videos have been presented at the SAGES Annual Meetings from 1995 to the present.

Features:
- 305 free videos and counting
- Narrated by leading laparoscopic surgeons
- Videos have been reviewed by SAGES leadership
- Free access with no registration required
- Classic videos from 1995 - 2003
- The latest techniques as presented at SAGES Annual Meetings including 2009

http://www.sages.org/education · http://www.cine-med.net/sages/
World Congress Social Programs

Welcome Reception
Date: Wednesday, April 14, 2010
Time: 5:00 - 7:00 PM
Place: Exhibit Hall
Fee: No Fee for Registrants & registered guests
Dress: Business casual

Special promotions, presentations and entertainment.
Great food! Open bar!
Note: Children under the age of 14 will not be permitted in the Exhibit Hall due to safety considerations.

SAGES Meet the Leadership Reception
for New SAGES Members Residents and Fellows
Date: Friday Evening, April 16, 2010
Time: 6:00 - 7:00 PM
Place: Gaylord Hotel (Room TBD)
Dress: Casual

“All The News” World Congress Gala
An Evening at “The Newseum”
Dinner and Sing-Off
Date: Saturday Evening, April 17, 2010
Place: “The Newseum” Pennsylvania Ave & Sixth St. NW, Washington
Time: 7:30 - 11:30 PM
Dress: Business Casual
Fee: Included in Registration for SAGES SuperPass (Option A), & registered guests.
Tickets: $140.00 (for additional guests and SAGES Registration Options B & C)

Join us for an international evening at “The Newseum” – a museum of news that blends five centuries of news history with up-to-the-second technology and hands-on exhibits. As you enter you’ll see a 74-foot-high marble engraving of the First Amendment. With seven levels of galleries and theaters, The Newseum is a unique environment where we go behind the scenes to experience how and why news is made. Fabulous food by world renowned caterer Wolfgang Puck, plenty of bars and, of course, the Sing Off.

The evening will conclude with the SAGES International Sing-Off.

The 12th Annual International “SING-OFF” Entry Instructions
How to Enter the Competition:
1) Only one entry per IFSES society. Due to limited time, you MUST sign up in advance to participate. Acts will not be added on-site.
2) All acts are limited to one song or presentation, not to exceed 5 minutes. The MC has been given “pull the plug” privilege, and will adhere strictly to this time restriction.
3) Keep in mind that the Sing-Off is in the name of fun. Serious musicians need not apply!
4) Please rehearse your act in advance. You will be performing for several hundred of your colleagues!
5) When you register, you must include the name of your group, names of participants (aliases are acceptable), name of your act or song, and city or institution. These will be published in the program. Please contact Sallie Matthews at the SAGES office (sallie@sages.org) no later than March 15, 2010 to participate.
6) All acts must provide a back-up disc at least 2 weeks prior to the event, or notification if live instruments will be used.
7) This event is open to all World Congress registrants and exhibitors.

Don’t miss the World Congress Gala and International Sing-Off!
Plan now to stay through Saturday Night!
World Congress Tours

Tour 1: Wonders of Washington
Date: Thursday, April 15, 2010
Approx. Time: Depart 9:00 AM - 4 1/2 hours
Fee: $50.00 per person
Includes: Deluxe Climate-Controlled Motor coach D.C. Licensed, Uniformed Tour Guide, All Admissions and Appointments

Washington, DC, is one of only three planned federal capitals. George Washington chose this site in 1790, and selected Pierre Charles L’Enfant to design the city as the capital for the new United States. L’Enfant’s city plan has evolved as a beautiful and exciting showplace for the federal government, world-class museums, gardens and monuments to this nation’s notable figures and events.

One of the city’s finest tour guides will introduce you to the history, architecture and grandeur of Washington, DC. Engaging stories, little known facts, and trivia will be told as you explore the monuments, memorials and notable buildings. Drive by the The “Church of the Presidents”, the White House, Smithsonian Institution Complex and the Washington Monument. You will see the imposing Capitol Dome from the comfort of your air-conditioned coach. Travel the inaugural parade route and see the FBI Building. Then stop at one of the most visited areas of the city, the National Park that boasts as its centerpieces the Lincoln, Vietnam War and Korean War Veterans Memorials. See the National World War II Memorial at the opposite end of the reflecting pool. Pause for a photo from the place where Marion Anderson sang for the nation and where Martin Luther King gave his “I Have a Dream” speech. Enjoy a short ride along the Tidal Basin to the Jefferson and Franklin Delano Roosevelt Memorials. This is one of the world’s most beautiful cities, which you will enjoy even more in the company of your storytelling guide.

Tour 2: Where Fabulous Lives – Hillwood Museum and Gardens
Date: Friday, April 16, 2010
Approx. Time: Depart 9:00 AM - 5 1/2 hours
Fee: $105.00 per person
Includes: Deluxe Climate-Controlled Motor coach, D.C. Licensed, Uniformed Tour Guide, Tour of Estate, All Admissions, Elegant lunch at Hillwood

Travel to the former home of Marjorie Merriweather Post to experience the opulent lifestyle and aristocratic luxury of her 25-acre estate, known as Hillwood. Mrs. Post was the heiress of the Post cereal fortune and mother of famous actress Dina Merrill. She furnished her 40-room Georgian-Style Mansion with a collection of 18th and 19th century Russian and French decorative art, including Fabergé eggs, Russian Imperial icons, rare tapestries and priceless objects d’art. See period pieces from the reign of Catherine the Great and the nuptial crown worn by Empress Alexandra at her wedding to Nicolas II in 1894. A stroll through the lavish gardens and greenhouse will charm you. Ms. Post conceived of outdoor “rooms”, bounded by hedges or large plants. The elaborately landscaped grounds include an authentic Japanese garden, a delightful Russian dacha (summer house) and Greenhouse which shelters a stunning display of 5000 orchids. On this elegant tour, you will also enjoy lunch in the beautiful cafe on the grounds of the estate.

Tour 3: Washington’s Great Private Museums – The Kreeger and the Phillips
Date: Saturday, April 17, 2010
Approx. Time: Depart 9:30 AM - 6 hours
Fee: $95.00 per person
Includes: Deluxe Climate-Controlled Motor coach, D.C. Licensed, Uniformed Tour Guide, Tours of Both Museums, All Admissions, (Lunch on your own)

Begin with a docent-led tour of the Kreeger Museum. Renowned architect Philip Johnson, famous for such masterpieces as the pre-Columbian gallery at Dumbarton Oaks in Georgetown and the Lincoln Center in New York, designed this magnificent home for David Kreeger, the insurance magnate. Completed in 1967 the Kreeger is a Showcase for its collection of 19th- and 20th-century Masters, with more than 180 works by Picasso, Monet, Miro, Rodin and Kandinsky, as well as other contemporary artists. The 66-foot great hall was designed for chamber music ensembles where artists such as Isaac Stern have performed. The Phillips Collection was the first permanent museum of Modern art in the U.S. and served as the home of Duncan Phillips. This Georgian Revival Style Mansion boasts as the centerpiece of its collection, Renoir’s “Luncheon of the Boating Party”. This outstanding collection concentrates on French Impressionist, Post Impressionist and American Modernist paintings.

Fyi! Getting Around National Harbor:
Water Taxi Service
In addition to cabs and rental cars, the National Harbor offers a fun and practical way to get to various destinations...a water taxi!
Water taxi service is available to and from points around Washington D.C., Virginia and Maryland for your convenience. The Potomac Riverboat Company operates water taxi service between National Harbor and Old Town Alexandria, with additional boat service to Mount Vernon and Georgetown. Water taxis will run every half hour between National Harbor and Old Town Alexandria. There will be three daily trips to Georgetown’s Washington Harbor, and a single daily trip to George Washington’s Mount Vernon Estate. Ask the concierge for more information.
World Congress Registration & Hotel Reservation Instructions

Hotel Reservations
Please book your hotel rooms within the World Congress Hotel Block!
The quickest, easiest way to reserve a hotel room for the World Congress is on-line, www.12thworldcongress.org/housing/
If you prefer to book reservations by phone, please check the World Congress website for hotel direct phone numbers.

Reservations prior to the deadline:
Please see the list of hotels below for the World Congress. Please book your reservations with the hotel of your choice. Make sure to identify yourself as a World Congress or SAGES attendee.

Reservations after the early deadline:
You may still be able to secure reservations through the hotels directly, based on availability and the prevailing rate.

Hotel Changes and Cancellations:
Please send any changes and/or cancellations directly to the hotels. Cancellation of hotel reservations made less than 72 hours prior to your scheduled arrival will result in a one-night room and tax charge to your credit card.

Suites:
Please contact the hotel for availability and pricing information.

Shuttles:
All hotels are within easy walking distance to the convention center. Shuttles will be provided from hotels to social events not within walking distance.

Hotel Features
RS = 24-hour room service
ML = multi-lingual staff
HC = health club
SP = swimming pool

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<thead>
<tr>
<th>Hotel</th>
<th>Single/Double Rate</th>
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<tbody>
<tr>
<td>Gaylord National Hotel and Convention Center (Headquarters Hotel)</td>
<td>$289/289</td>
</tr>
<tr>
<td>201 Waterfront St., National Harbor, Maryland 20745</td>
<td>RS  ML  HC  SP</td>
</tr>
<tr>
<td>Minutes from Washington D.C., the four-diamond Gaylord National Resort &amp; Spa features four signature restaurants, a 20,000 sq. ft. spa, and a rooftop ultra lounge. Take advantage of shuttle service to downtown DC, water taxi service to multiple locations, and nightly entertainment in the exciting National Harbor waterfront destination.</td>
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Westin National Harbor $229/229
171 Waterfront St., National Harbor, Maryland 20745  
RS  ML  HC  SP
Rising up on the shores of the scenic Potomac River, The Westin National Harbor brings style, sophistication, and elegance to National Harbor – a dynamic 300-acre waterfront destination that incorporates the best in quality dining, retail, and entertainment outlets. Come relax, refresh and be rejuvenated during your conference at National Harbor.

Residence Inn National Harbor $219/219
192 Waterfront St., National Harbor, Maryland 20745  
RS  ML  HC  SP
Friendly 24 hour staffing and convenient business services, Indoor pool, whirlpool & exercise room, outdoor patio with water views, complimentary hot breakfast buffet daily, free local and USA Today newspapers. The Market, a 24 hour self serve pantry. Guest laundry facilities. Complimentary wireless Internet access.

National Harbor Hampton Inn $209/209
250 Waterfront St., National Harbor, Maryland 20745  
HC  SP
Located on the new 300-acre Potomac River Destination, the hotel features 151 luxury appointed guest rooms and suites.

Aloft Washington National Harbor $189/189
156 Waterfront St., National Harbor, Maryland 20745  
RS  ML  HC  SP
The hotel offers everything you need to make your stay quite enjoyable, including Refuel—a 24-hour grab and go pantry, Wxyz—a lobby bar and lounge that features signature cocktails, Re:charge—24 hour fitness center, and complimentary wireless internet throughout the property and all guest rooms.

Please indicate that you are a World Congress (or SAGES) attendee when booking a room.
World Congress 2010 Meeting Registration Form (Part 1)

Registration Early Deadline: March 12, 2010.

Please register online at www.12thworldcongress.org/registration or complete registration form and mail/fax to:

2010 World Congress Registrar • 11300 W. Olympic Blvd., Ste. 600 • Los Angeles, CA 90064
Phone: 310.437.0544 ext. 128 • Fax: 310.437.0585 • E-mail: registration@sages.org

registration@sages.org

Dr.  Mr.  Ms.  Mrs.  Miss

First/Given Name      Last/Family Name

Address

City

State/Prov.  Zip/Postal Code  Country

Phone (country code, city/area code, phone #)

Fax (country code, city/area code, phone #)

E-Mail Address

Accepted Forms of Payment:

☐ Checks payable to: SAGES in U.S. Dollars  ☐ Credit Card - Visa/MasterCard/AMEX ONLY

Card #:       Exp. Date:   /  Verification Code :

(Visa/MC 3 digits on the back of the card. AMEX: 4 digits on the front of the card)

Cardholders Name:  Cardholders Signature:

SAGES Registration Meeting Options: Please circle the fees in the appropriate column. You must be a current paid member of an IFSES member society to register at the Member rate. Circle your society membership here: ALACE  CAGS  CSLES  EAES  ELSA  FELAC  IAGES  JSES  SAGES

| OPTION A. SUPERPASS: Entire Conference (excludes Hands-On Labs & Lunches) Includes: Entrance to all Didactic Sessions, Final Program & Electronic Abstracts, Exhibit Hall, Learning Center, Posters, Wednesday Evening Exhibit Reception, Thursday Industry Education Events, Saturday Lunch (Exhibit Hall), Saturday Gala & Sing-Off, Postgraduate Course Electronic Syllabi, Continental Breakfast & Breaks. |
|---|---|---|---|---|---|---|
| Option A. | $795 | $1095 | $355 | $635 | $415 | $530 |

| OPTION B. Wednesday/Thursday (excludes Hands-On Labs & Lunches) Includes: Entrance to all Wednesday/Thursday Didactic Sessions, Final Program & Electronic Abstracts, Exhibit Hall, Learning Center, Posters, Wednesday Evening Exhibit Reception, Thursday Industry Education Events, Postgraduate Course Electronic Syllabi, Continental Breakfast & Breaks. |
|---|---|---|---|---|---|---|
| Option B. | $390 | $540 | $170 | $315 | $205 | $260 |

| OPTION C. Friday/Saturday (includes Friday Lunch-Exhibit Hall) (excludes paid lunches) Includes: Entrance to all Friday/Saturday Didactic Sessions, Final Program & Electronic Abstracts, Exhibit Hall, Learning Center, Posters, Thursday Industry Education Events, Friday Lunch (Exhibit Hall), Continental Breakfast & Breaks. |
|---|---|---|---|---|---|---|
| Option C. | $390 | $540 | $170 | $315 | $205 | $260 |

Please Note the Following:

- For registration Options B & C: The Saturday night Gala & Sing-Off must be purchased separately.
- Registration Options A, B & C do not include Hands-on Course Labs or Paid Lunches.

HANDS-ON COURSES:

| Wednesday, 4/14, Half Day: Colon Surgery Cadaver Hands-on Course with Lab (morning): |
|---|---|---|---|---|---|
| $995 | $1200 | $695 | $815 | N/A | N/A |

| Wednesday, 4/14, Half Day: Advanced Suturing/Anastomotic Techniques Hands-on Course with Lab (afternoon): |
|---|---|---|---|---|
| $895 | $1095 | $595 | $705 | N/A | N/A |

| Thursday, 4/15, Half Day: Digital Video Hands-on Course (morning): |
|---|---|---|---|---|
| $625 | $820 | $495 | $550 | N/A | N/A |

| Thursday, 4/15, Half Day: FLS Hands-on Course with Lab (morning): |
|---|---|---|---|
| $795 | $995 | $500 | $575 | N/A | N/A |

| Thursday, 4/15, Half Day: Endolumenal/NOTES* Hands-on Course with Lab (afternoon): |
|---|---|---|---|
| $795 | $995 | $500 | $575 | N/A | N/A |

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<td>$895</td>
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Subtotal:
Social Events & Tour Registration

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<tr>
<th>Lunches:</th>
<th>Quantity</th>
<th>Price</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Wednesday, 4/14 SAGES Foundation Awards Lunch (a SAGES Foundation Benefit)</td>
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<tr>
<td>Thursday, 4/15 Educator’s Lunch</td>
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<td>Thursday, 4/15 Device Development Lunch</td>
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<td>Friday, 4/16 Video Complications Luncheon</td>
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<tr>
<td>Saturday, 4/17 Fellowship Council Luncheon</td>
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Registration for Guests, Social Events & Tours: Guest registration includes Wednesday evening Exhibit Reception, Saturday evening Gala & Sing-Off and access to the Exhibit Hall. Guests must accompany a registrant. NO GUEST ONLY registrations.

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<thead>
<tr>
<th>Guest 1: Name:</th>
<th>E-Mail:</th>
<th>Price</th>
<th>Amount</th>
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<tbody>
<tr>
<td></td>
<td></td>
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<td>$195</td>
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<tr>
<td>Guest 2: Name:</td>
<td>E-Mail:</td>
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Tours & Additional Social Event Tickets:

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<th>Price</th>
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Additional Wednesday evening Exhibit Reception Tickets |

Saturday Gala & Sing-Off Tickets
Included for Delegate with option A. Included with Guest Registration. All others MUST purchase separately.

Tour #1: Wonders of Washington (Thursday)

Tour #2: Where Fabulous Lives – Hillwood Museum and Gardens (Friday)

Tour #3: Washington’s Great Private Museums – The Kreeger and the Phillips (Saturday)

Late Registration Fee(s):

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After March 12, 2010: $100
On-Site Registration Fee: After April 2, 2010: $125

Subtotal from Part 1

TOTAL DUE

Note: Confirmation of registration will be sent within (10) days of receipt. No confirmations will be sent after April 2, 2010.

Please make sure to reserve a hotel room. See page 44 for details.

Cancellations & Refunds:
Cancellations must be submitted in writing before April 2 2010 to receive a refund minus a US $100 administrative fee. Refunds will not be granted after April 2, 2010. Refunds will not be given for no-shows after the conference.

Registration Early Deadline: March 12, 2010
Please register online at www.12thworldcongress.org/registration or complete registration form and mail/fax to:
2010 World Congress Registrar
11300 W. Olympic Blvd., Ste. 600
Los Angeles, CA 90064
Phone: 310.437.0544 ext. 128
Fax: 310.437.0585
E-mail: registration@sages.org

To register for the Wed. 4/14 SAGES Foundation Awards Lunch ($125/person, $1100/table), please contact Jill Smith, foundation@sages.org 310-437-0544 ext. 114

For information about obtaining a visa, please visit the following website:
http://www.unitedstatesvisas.gov

If you need a written invitation to assist you with your visa, please email the World Congress Registrar with your name and complete mailing address for each request.
Inside Back Cover
Olympus / Gyrus ACMI Ad
World Congress of Endoscopic Surgery

A World of Technique

April 14 - 17, 2010

Gaylord National Hotel and Convention Center
National Harbor, Maryland
(outside Washington, DC)

Early Registration & Housing Deadline: March 12, 2010

ADVANCE PROGRAM

Hosted by SAGES & CAGS
Society of American Gastrointestinal and Endoscopic Surgeons and Canadian Association of General Surgeons