AGENDA

6th Annual
INTERNATIONAL CONGRESS FOR FLUORESCENCE GUIDED SURGERY

Planning Committee: Takeaki Ishizawa, MD, PhD and Fernando Dip, MD

Saturday, February 16, 2019

6:45 am  Registration. Continental Breakfast, and Exhibits

7:50 am  Welcome and Introductions
          Raul Rosenthal, MD and Takeaki Ishizawa, MD, PhD

Clinical Application 1: Perfusion Assessment
Moderators: Luigi Boni, MD and Will Li, MD

8:00 am  Cardiovascular Surgery
          Derek Muehrcke, MD

8:10 am  Upper GI Surgery
          Thomas Carus, MD

8:20 am  Colorectal Surgery
          Steven Wexner, MD

8:30 am  Transplantation Surgery
          Eric Vibert, MD
8:40 am  Plastic Surgery  
Geoff Gurtner, MD  

8:50 am  Fluorescence Imaging in Vasculized Composite Allotransplantation  
Frank Papay, MD  

9:00 am  Blue Dye as a Substitute of Fluorescence Imaging in Low Resource  
Set Up and Developing Countries  
Tushar Mishra, MD  

9:10 am  Panel Discussion / Q & A  

Clinical Application 2: Anatomy Visualization  
Moderators: Sylke Schneider-Koriath, MD and Dany Sherwinter, MD  

9:30 am  Cholangiography  
Laurents Stassen, MD  

9:40 am  Hepatic Segmentation  
Takeshi Aoki, MD  

9:50 am  Urography  
Trever Yeung, MD  

10:00 am  Parathyroid / Thyroid  
Fernando Dip, MD  

10:10 am  Multicenter Trial on ICG Cholangiography  
Raul Rosenthal, MD  

10:20 am  Optimal Protocol of Fluorescence Cholangiography for Acute  
Cholecystitis  
Charles Sabbagh, MD  

10:30 am  Panel Discussion / Q & A  

10:50 am  Break & Visit Exhibits  

Clinical application 3.1: Cancer Imaging (Gastroenterological Surgery)  
Moderators: Emanuele Lo Menzo, MD and Alexander Vahmeijer, MD  

11:20 am  Gastric Cancer  
Dany Sherwinter, MD
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<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>11:30 am</td>
<td>Colorectal Cancer</td>
<td>Ronan Cahill, MD</td>
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<td>11:40 am</td>
<td>Liver Cancer</td>
<td>Kiyoshi Hasegawa, MD</td>
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<td>11:50 am</td>
<td>Pancreatic Cancer</td>
<td>Michael Bouvet, MD</td>
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<td>12:00 pm</td>
<td>Esophageal Cancer</td>
<td>Anna Dupree, MD</td>
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<td>12:10 pm</td>
<td>Liver Surgery using Cancer Imaging</td>
<td>Eren Berber, MD</td>
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<td>12:20 pm</td>
<td>Panel Discussion / Q &amp; A</td>
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**Presidential Address**  
*Moderators: Raul Rosenthal, MD*

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<tr>
<td>12:40 pm</td>
<td>Presidential Address</td>
<td>Takeaki Ishizawa, MD</td>
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<td>1:00 pm</td>
<td>Lunch and Visit Exhibits</td>
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**Clinical Application 3.2: Cancer Imaging (Other Surgical Fields)**  
*Moderators: Nadeem Abu-Rustum, MD and Yolanda Colson, MD*

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<th>Time</th>
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<tr>
<td>2:00 pm</td>
<td>Lung Cancer</td>
<td>Ory Wiesel, MD</td>
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<td>2:10 pm</td>
<td>Head &amp; Neck Cancer</td>
<td>Jason Warram, MD</td>
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<td>2:20 pm</td>
<td>Brain Tumor</td>
<td>Toshihiko Kuroiwa, MD</td>
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<td>2:30 pm</td>
<td>Endocrine Tumor</td>
<td>Eren Berber, MD</td>
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<tr>
<td>2:40 pm</td>
<td>Novel Cancer-Specific Probe in Head &amp; Neck Surgery</td>
<td>Baran D. Sumer, MD</td>
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<td>2:50 pm</td>
<td>Panel Discussion / Q &amp; A</td>
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Clinical Application 4: Lymph Node Mapping and Lymphography
Moderators: Jorge Falco, MD and Giuseppe Spinoglio, MD

3:10 pm  Basis of Sentinel Node Mapping in Digestive Surgery  
          Masashi Yoshida, MD

3:20 pm  Gastric Cancer  
          Naoto Takahashi, MD

3:30 pm  Colorectal Cancer  
          Manish Chand, MD

3:40 pm  Colorectal Cancer: Experience in Robotic Surgery  
          Giuseppe Spinoglio, MD

3:50 pm  Lung Cancer  
          Toshifumi Chen-Yoshikawa, MD

4:00 pm  Uterine / Cervical Cancer  
          Andrea Papadia, MD

4:10 pm  Lymphography  
          Takumi Yamamoto, MD

4:20 pm  Protocol for Lymph Node Mapping in Colorectal Cancer Surgery  
          Gabriel Liberale, MD

4:30 pm  Panel Discussion / Q & A

4:50 pm  Break and Visit Exhibits

Special Lecture  
Moderators: Takeaki Ishizawa, MD

5:20 pm  Summary of Development Stage According to IDEAL Framework  
          Peter McCulloch, MD

Near-Future Techniques  
Moderators: Phil Low, MD and Michele Diana, MD

5:40 pm  Challenges in Development of Novel Fluorescence Probes  
          Yasuteru Urano, PhD
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<tr>
<td>5:50 pm</td>
<td>Detection of Colorectal Cancer using a CEA Targeting Fluorescent Agent (SGM 101). Update Phase III Trial</td>
<td>Alexander Vahrmeijer, MD</td>
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<tr>
<td>6:00 pm</td>
<td>New Tumor-Targeted NIR Dyes for Fluorescence-Guided Surgery</td>
<td>Philip Low, MD</td>
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<td>6:10 pm</td>
<td>Vascular Surgery</td>
<td>Fernando Dip, MD</td>
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<td>6:20 pm</td>
<td>Optimized Delivery of Near Infrared Fluorophores for Fluorescence-Guided Surgery</td>
<td>Aaron M. Mohs, PhD</td>
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<tr>
<td>6:30 pm</td>
<td>Precise Anatonic Liver Resection using ICG Fluorescence and Projection Mapping</td>
<td>Hiroto Nishino, MD</td>
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<td>6:40 pm</td>
<td>Intraoperative Quality Assessment of Tissue Perfusion with Indocyanine Green (ICG) in a Porcine Model of Mesenterial Ischemia</td>
<td>Anna Dupree, MD</td>
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<td>6:50 pm</td>
<td>Smart Goggle Platform: Integrated Fluorescence Imaging, Surgical Navigation, and Augmented Reality</td>
<td>Yang Liu, PhD,</td>
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<td>7:00 pm</td>
<td>Panel Discussion / Q &amp; A</td>
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<td>7:30 pm</td>
<td>Adjourn</td>
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AGENDA

18th Annual Surgery of the Foregut Symposium

Activity Directors: Raul Rosenthal, MD & R. Matthew Walsh, MD

Sunday, February 17, 2019

7:00 am      Registration. Continental Breakfast, and Exhibits

7:55 am      Welcome and Introductions
              Raul Rosenthal, MD

Update Gastroparesis
Moderators: Tolga Erim, DO and Raul Rosenthal, MD

8:00 am      Understanding Gastroparesis and Gastric Stimulation for Intractable Nausea. A New Surgical Disease
              Raul Rosenthal, MD

8:15 am      Peroral Endoscopic Pyloroplasty? A New Endoscopic Surgical Intervention for Foregut Surgeons
              Tolga Erim, DO

8:30 am      Gastric Bypass, Sleeve and Feeding Tubes for Intractable Disease. Outcomes and Technical Pitfalls
              Emanuele Lo Menzo, MD
Liver and Pancreas – Session 1
Moderators: Conrad Simpfendorfer, MD and Mayank Roy, MBBS, MRCS

9:00 am  Fluorescent Imaging of the Liver and Biliary Tract. What are the Benefits?
          Raul Rosenthal, MD

9:30 am  IPMD and IPMN. A Meaningful Histopathological Diagnosis for the HPB Surgeon in the 21st Century
          R. Matthew Walsh, MD

9:45 am  Liver Resection for Metastatic Colorectal Cancer: When and How
          Conrad Simpfendorfer, MD

10:00 am Role of Fluorescent Imaging in HPB Surgery
          Takeaki Ishizawa, MD

10:15 am  Panel Discussion / Q & A

10:30 am  Refreshment Break and Visit Exhibits

Robert E. Hermann Annual Lecture
Moderators: Matthew Walsh, MD and Raul Rosenthal, MD

11:00 am Current Trends in Minimally Invasive Pancreatic Surgery
          Horacio Asbun, MD

12:00 pm  Lunch and Visit Exhibits

Liver and Pancreas – Session 2
Moderators: Jakob Izbicki, MD and Horacio Asbun, MD

1:00 pm  Update on Pancreatistis
          Jakob Izbicki, MD

1:15 pm  Update on Resection of Neuro Endocrine Tumors of the Pancreas
          Petachia Reissman, MD

1:30 pm  Timing of Resection for Colorectal Liver Metastasis
          Mayank Roy, MBBS, MRCS
### Management of Duodenal Neoplasms
**Petachia Reissman, MD**

### New Approaches for Solid Organ Surgery. From Robotics to Patches. What Works and What Doesn’t
**Maximilian Bockhorn, MD**

### Panel Discussion / Q & A

### Refreshment Break and Visit Exhibits

## Diaphragm, Esophagus and Stomach

**Moderators:** Raul Rosenthal, MD and Emanuele Lo Menzo, MD

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<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
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<tr>
<td>3:00 pm</td>
<td>GERD after POEM: And Now What?</td>
<td>Tolga Erim, DO</td>
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<tr>
<td>3:15 pm</td>
<td>Surgical Options for Recurrent Achalasia</td>
<td>Sudish Murthy, MD</td>
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<td>3:30 pm</td>
<td>Update on Management of Megaesophagus for Achalasia and Chagas Disease</td>
<td>Rubens Sallam, MD</td>
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<td>3:45 pm</td>
<td>Minimally Invasive Esophagectomy for Adeno-Ca. Ivor Lewis or Transhiatal?</td>
<td>Sudish Murthy, MD</td>
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<td>4:00 pm</td>
<td>Best Approach for Squamous Cell Ca of the Esophagus</td>
<td>Maximilian Bockhorn, MD</td>
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<td>4:15 pm</td>
<td>Panel Discussion / Q &amp; A</td>
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## Selected Topics and Video Session – Technical Pearls in Foregut Surgery

**Moderators:** Matt Walsh, MD and Raul Rosenthal, MD

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<th>Time</th>
<th>Session Title</th>
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<tr>
<td>4:30 pm</td>
<td>Laparoscopic Type 4 Paraesophageal Hernia Repair with Barbed Suture and without Mesh</td>
<td>Samuel Szomstein, MD</td>
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<tr>
<td>4:45 pm</td>
<td>Robotic D2 Gastrectomy</td>
<td>Rubens Sallum, MD</td>
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</table>
5:00 pm  Laparoscopic Management of Arcuate Ligament Syndrome  
Emanuele Lo Menzo, MD

5:15 pm  Lymphadenectomy for Esophageal Ca. From Open to Robotic  
Rubens Sallum, MD

5:30 pm  Laparoscopic Excision of Esophageal Diverticulum with Heller’s Myotomy  
Sudish Murthy, MD

5:45 pm  Robotic Pancreatectomy  
R. Matthew Walsh, MD

6:00 pm  Robotic Treatment of Dumbar Syndrome  
Rubens Sallum, MD

6:15 pm  Colonic Interposition for Graft Necrosis after Esophagectomy for Cancer  
Raul Rosenthal, MD

6:30 pm  Adjourn
AGENDA

New Frontiers in Bariatric and Metabolic Surgery

Monday, February 18, 2019

7:00 am  Registration. Continental Breakfast, and Exhibits

Update on GERD in the Era of the Obesity Pandemic

Moderators: Matt Hutter, MD and Almino Ramos, MD

8:00 am  Epidemiology and Patho – Physiology of GERD in the Severely Obese Patient
Samer Mattar, MD

8:15 am  Barrett’s Esophagus in the Era of Sleeve Gastrectomy. Is this an Absolute Contraindication to SG?
Eric DeMaria, MD

8:30 am  GERD after Sleeve Gastrectomy. What are the Best Options?
Scott Shikora, MD

8:45 am  GERD after Gastric Bypass - Work Up and Treatment Options
Natan Zundel, MD

9:00 am  Best Approach to Obesity in Patients with Hiatal Hernias and/or GERD in Patients with Severe Anemia / Hypocalcemia
Samer Mattar, MD

9:15 am  Panel Discussion / Q & A
Selected Topics in Bariatric/Metabolic Surgery
Moderators: Natan Zundel, MD and Scott Shikora, MD

9:30 am  Ventral Hernias and Bariatric Surgery: When and How to Operate. ASMBS/SAGES Guidelines
         Emanuele Lo Menzo, MD

9:45 am  Management of Hypoglycemia and Electrolyte Derangements in Patients after GBP: Reversal vs. Sarr Procedure
         Samuel Szomstein, MD

10:00 am Management of Right Upper Quadrant Pain Due to Complex Biliary Tract Disease after GBP: Sphincter of Oddi Dysfunction vs. Stone Disease. What are the Options?
         Raul Rosenthal, MD

10:15 am Parastomal Hernias in the Severely Obese Patient
         Samuel Szomstein, MD

10:30 am Panel Discussion / Q & A

10:45 am Refreshment Break and Visit Exhibits

Walter Pories Annual Lecture
Moderators: Raul Rosenthal, MD

11:15 am Can a PEG for Feeding Purposes, Treat Weight Loss in Severely Obese Subjects? Seriously?
         Michel Gagner MD

12:00 pm Lunch and Visit Exhibits

Selected Topics in Bariatric Surgery
Moderators: Kelvin Higa, MD and Alan Wittgrove, MD

1:00 pm  The Role of Bariatric Surgery in Visceral Transplantation
         Samer Mattar, MD

1:15 pm  Obesity, Joint Disease and Bariatric Surgery
         Eric DeMaria, MD

1:30 pm  Obesity and Cancer
         Raul Rosenthal, MD
1:45 pm   Panel Discussion / Q & A

Management of Weight Regain after Gastric Bypass

Moderators: Michel Gagner, MD and Samuel Szomstein, MD

2:00 pm   How to Evaluate the Patient with Weight Regain and What are the Medical Treatment Options
           Tracy Martinez, MD

2:15 pm   The Patient with the Large Pouch or the Large Anastomosis. Which One Matters the Most?
           Alan Wittgrove, MD

2:30 pm   Gastro-gastric Fistulae and Short Alimentary Limbs. What to do Next? Deconstructing or Reconstructing the Bypass?
           Kelvin Higa, MD

2:45 pm   Lengthening the Limb of the Bypass. How Long and Which One Matters the Most? Alimentary or BP Limb?
           Almino Cardoso Ramos, MD

3:00 pm   Panel Discussion / Q & A

3:15 pm   Refreshment Break and Visit Exhibits

Selected Topics in Bariatric Surgery

Moderators: Alan Wittgrove, MD and Raul Rosenthal, MD

3:45 pm   Intractable Vomiting after Sleeve Gastrectomy Converted to Gastric Bypass
           Emanuele Lo Menzo, MD

4:00 pm   Incisional and Ventral Hernias in Bariatric Surgery. When to Repair and When to Defer?
           Jacques Himpens, MD

4:15 pm   Bariatric Surgery in the Extremes of Age
           Kelvin Higa, MD

4:30 pm   Endoscopic Interventions for Low BMI. Which one has Proven to be the Best?
           Natan Zundel, MD

4:45 pm   Metabolic Interventions for Low BMI. What’s the Best Approach?
           Jacques Himpens, MD
Why did Sleeve Conquer the Market so Rapidly?  A Prospective from the Pioneer of Laparoscopic Gastric Bypass
Alan Wittgrove, MD

Best Approach for Patients with Large Hiatal Hernias. Sleeve or Bypass? Mesh or No Mesh?
Pableo Omelanczuk, MD

Panel Discussion / Q & A

Adjourn

Symposium 2 Hour Cocktail Reception

Single Anastomosis Procedures
Tuesday, February 19, 2019

Registration. Continental Breakfast, and Exhibits

Basic Concepts Omega Loop Gastric Bypass
Moderators: Michel Gagner, MD and Almino Ramos, MD

Mechanism of Action
Andre Teixeira, MD

Technique: Literature Review
Peter Ng, MD

Outcomes: Literature Review
Jean-Marc Chevallier, MD

Panel Discussion / Q & A / Voting

Refreshment Break and Visit Exhibits

Complications and Re-operative surgery of OLGBP
Moderators: Michel Gagner, MD and Jean-Marc Chevallier, MD

Bile Reflux Gastritis
Scott Shikora, MD
10:20 am  Anastomotic Leak / Strictures  
Jacques Himpens, MD

10:40 am  Weight Regain after OLGBP  
Almino Cardoso Ramos, MD

11:00 am  Panel Discussion / Q & A / Voting

11:30 am  Update on MBSAQIP. What are the Outcomes of Single Anastomotic Procedures in the USA?  
Matt Hutter, MD

12:00 pm  Lunch and Visit Exhibits

**Basic Concepts on SADI**

*Moderators: Eric DeMaria, MD and Andre Teixeira, MD*

1:00 pm  Mechanism of Action  
Mitchel Roslin, MD

1:20 pm  Technique: Literature Review  
Michel Gagner, MD

1:40 pm  Outcomes: Literature Review  
Antonio Torres, MD

2:00 pm  Panel Discussion / Q & A / Voting

**Complications and Re-operative Surgery for SADI**

*Moderators: Samer Mattar, MD and Alan Wittgrove, MD*

2:30 pm  Management of Leaks and Strictures  
Peter Ng, MD

2:50 pm  Weight Regain after SADI: What are the Options?  
Mitchel Roslin, MD

3:10 pm  Panel Discussion / Q & A / Voting

3:40 pm  Refreshment Break and Visit Exhibits
Video Session / Technical Pearls of Single Anastomotic Procedures
Moderators: Matt Hutter, MD and Michel Gagner, MD

4:15 pm Single Anastomosis Duodenal Ileostomy
Antonio Torres, MD

4:35 pm Panel Discussion / Q & A

4:50 pm Single Anastomosis Omega Loop Gastric Bypass
Jean-Marc Chevallier, MD

5:10 pm Panel Discussion / Q & A

Debate: Which One is Best Approach - SADI or SAGBP?
Moderators: Michel Gagner, MD & Raul Rosenthal, MD

5:30 pm Panel Discussion
Jean-Marc Chevallier, MD, Eric De Maria, MD, Kelvin Higa, MD, Jacques Himpens, MD, Samer Mattar, MD, Almino Cardoso Ramos, MD, Antonio Torres MD and Natan Zundel, MD

6:30 pm Adjourn

AGENDA

Live Surgery Day and Video Presentations
Moderators: Emanuele Lo Menzo, MD, MD and Mayank Roy, MBBS, MRCS
Wednesday, February 20, 2019

6:30 am  Bus Depart the hotel for Cleveland Clinic Florida

7:30 am  Continental Breakfast

8:00 am – 3:00 pm  Live Surgery

Surgical Cases
1. OAGBP  
   Mohit Bhandari, MD and Mathias Fobi, MD (Televised from New Delhi)
2. Paraesophageal Hernias with Barbed Sutures  
   Raul Rosenthal, MD
3. Re-operative Foregut Surgery  
   Raul Rosenthal, MD
4. ICG Cholangiography  
   Raul Rosenthal, MD
5. Pancreatic Surgery  
   R. Matthew Walsh, MD (Televised from Cleveland, OH)
6. SADI  
   Mitchel Roslin, MD (Televised from New York, NY)
7. Gastric Stimulator and Per-oral Pyloroplasty  
   Raul Rosenthal, MD

The surgical cases and the order of the surgical cases is subject to change.

10:15 am – 
10:30 am  Refreshment Break (No break in surgery schedule)

12:00 pm  Working Lunch (No break in surgery schedule)

Video Presentation (if surgery ends earlier)

1:00 pm  Live Surgery Continues
         Video Presentation (If live surgery ends earlier)  
         Raul Rosenthal, MD

3:00 pm  Adjourn – Bus Departs for the Ritz Carlton Fort Lauderdale from the Clinic Entrance

Agenda and Faculty are subject to change.

Abstract Reviewers  
Dr. Raul Rosenthal & Dr. Takeaki Ishizawa  
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