August 30-31, 2013
SAGES FLEXIBLE ENDOSCOPIC SURGERY COURSE FOR MIS FELLOWS
UC San Diego Center for the Future of Surgery
9500 Gilman Drive, MC 0740, La Jolla CA 92093/ 858-246-1004
Chairs: Bryan Sandler, MD & Vic Velanovich, MD

Description: This course teaches Minimally Invasive Surgery Fellows principles and techniques in therapeutic flexible endoscopy. Multiple recognized experts in surgical endoscopy will be in attendance. Fellows will hear about how surgical endoscopy enhances the care of patients in their practice. A strong emphasis is placed on providing hands-on experience with a wide variety of endoscopic technologies ranging from dilation and stenting to per oral endoscopic myotomy (POEM).

Objectives: After attending this course, learners will be able to:

- Discuss essential principles of performing upper and lower endoscopy
- Describe techniques for performing therapeutic endoscopy to include control of bleeding, dilation, stenting, mucosal ablation, and enteral access
- Compare two endolumenal therapies for GERD
- Identify areas in MIS surgery where flexible endoscopy can enhance patient care

THURSDAY, August 29, 2013

6:30pm   Registration at Hotel
Hyatt Regency
3777 La Jolla Village Drive
La Jolla, CA 92122
858-552-1234

7:00pm –8:30pm   Welcome Reception- Hyatt Regency Conference Room (TBA)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:45am</td>
<td>Meet in hotel lobby for shuttle to UCSD Lab for breakfast &amp; lectures</td>
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<tr>
<td>7:15am</td>
<td>Introduction &amp; Overview: Bryan Sandler, MD</td>
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<td>7:30 am</td>
<td>Why Surgeons need to do Flexible Endoscopy-Vic Velanovich. MD</td>
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<td>7:45 am</td>
<td>Basics of EGD (15 min talk, 5 min Q &amp; A) - Ted Trus, MD</td>
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<td>8:05 am</td>
<td>Basics of Colonoscopy (15 min talk, 5 min Q &amp; A) - Lisa McLemore, MD</td>
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<td>8:25 am</td>
<td>Management of bleeding; Diagnosis &amp; Endoscopic Tools. (25 min talk, 10 min Q&amp;A) - Robert Fanelli, MD</td>
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<td>9:00 am</td>
<td>Ablative treatment of Barrett’s Esophagus-a paradigm shift: Brian Dunkin, MD</td>
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<td>9:30 am</td>
<td>Break</td>
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<tr>
<td>9:45 am</td>
<td>Therapeutic Colonoscopy: optimizing bowel preps, polypectomy techniques, stents-Benjamin Polouse, MD</td>
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<td>10:05 am</td>
<td>Endoscopic Management of Complications-strictures, leaks, fistulas (25 min talk, 10 min Q&amp;A) - Jose Martinez, MD</td>
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<td>10:40 am</td>
<td>Current Endolumenal GERD Therapies (25 min talk, 10 min Q&amp;A) - Jeff Hazey, MD</td>
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<td>11:15 am</td>
<td>Per Oral Endoscopic Myotomy (POEM) -The Future Therapy for Achlasia (25 min talk, 10 min Q&amp;A) - Bryan Sandler, MD</td>
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<td>11:35 am</td>
<td>LUNCH (Lunch talk): Endoscopic Bariatric Surgery - A Look into the Future Garth Jacobsen, MD</td>
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<td>12:15 – 4:30 pm</td>
<td>Group I (30 fellows): Lab with explant stomach models: bleeding (clips, thermal, banding), polypectomy, tattooing, dilation, stenting, and foreign body removal</td>
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<td>Group II (30 fellows): Video session, electrosurgery, FES, Dry lab, endoscopic rodeo showdown, Koken models, etc</td>
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<tr>
<td>6:30pm-9:00pm</td>
<td>Dinner at the Hyatt Regency</td>
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SATURDAY, August 31, 2013

7:00am  Meet in lobby for shuttle to lab for breakfast (bring luggage)

7:30 am  Round Table Discussion: All Faculty, moderator: Bryan Sandler, MD & Vic Velanovich, MD

8:00 am-  Group II (30 fellows): Lab with explant stomach models: bleeding (clips, thermal, banding), polypectomy, tattooing, dilation, stenting, and foreign body removal

12:00 pm  Group I (30 fellows): Video session, electrosurgery, FES, Dry lab, endoscopic rodeo showdown, Koken models, etc

Noon –1:00 pm  Lunch, competition finals, and adjourn

Shuttles Airport will depart from lab beginning at 1:00pm.

Lab description:

Procedures taught
- Saline lift polypectomy
- Variceal banding
- Sclerotherapy
- Application of clips
- Tattoo
- Management of bleeding
- Dilation
- Stenting
- Foreign body removal
- Enteral Access
- RF mucosal ablation (BARRX)
- Endoscopic mucosal resection (EMR)
- TIF (transoral intralumenal fundoplication)
- Endoscopic suturing
- Stretta (RF energy to LES for GERD)
- Per oral endoscopic myotomy (POEM) for achalasia
- NOTES (natural orifice translumenal endoscopic surgery) access