



SAGES 2024 Flexible Endoscopy Course for Fellows

Clinical Simulation Program } University of Wisconsin-Madison School of Medicine and Public Health
Madison, WI

September 20-21, 2024

Goals and Objectives: At the end of the course, the MIS fellow will be familiar with GI endoscopes, towers, and the instruments used for endoscopy and endoscopic surgery. The fellow will also be able to identify the most common types of GI pathology and options for management.

Course Chairs: Amber Shada, MD, Ryan Juza, MD and, Eleanore Fung, MD

Course Faculty:

Paul Colavita	Eric Pauli
Salvatore Docimo	Toria Rendell
James Ellsmere	Bryan Sandler
Mason Hedberg	Andrew Spiel
Natalie Liu	Ezra Teitelbaum
Luis Lomeli	Kristen Wong
Michael McCormack	Chris Zimmermann

Friday September 20, 2024

6:30am Meet in hotel lobby

6:45am Registration and Breakfast

7:15-7:30am **Introduction: *Why you're here, what we're going to learn***

7:30-8:15am **Panel I: Masses, Polyps, and Ulcers with Biopsy and Polypectomy Techniques**

Cases will be presented that illustrate the use of endoscopic biopsy forceps and snares, with emphasis on the types of pathologies that are best suited for each of these instruments. Endoscopic video clips will be presented to enhance the fellow's ability to recognize GI endoluminal pathology.

Moderator: Sandler

Panelists: Lomeli, Wong, Spiel

8:15-9:00am **Panel 2: Control of Hemorrhage with Case Presentations:**

Cases will be presented that illustrate how the types of energy sources are used in GI endoscopy, specifically: coaptive coagulation, radiofrequency ablation, Argon plasma, and other laser applications. Endoscopic video clips will be presented to enhance the fellow's ability to recognize GI endoluminal pathology.

Moderator: Ellsmere

Panelists: Zimmermann, Rendell, Liu, Juza

9:00-9:30am **Round Table 1 (Refreshments provided)**



9:30-10:15am **Panel 3: Stricture and Perforation Management**

Illustration of the types of dilators and stents and how they are used in GI endoscopy, specifically, dilation of a benign esophageal stricture (e.g. balloon, Savory), treatment of a benign or malignant esophageal stricture with a stent, and treatment of an esophageal perforation with a covered stent. Endoscopic video clips will be presented to enhance the fellow's ability to recognize GI endoluminal pathology.

Moderator: Fung

Panelists: Pauli, Hedberg, Teitelbaum

10:15-10:45am **Panel 4: Management of Biliary Pathology**

Discussion of benign biliary stone disease and endoscopic (and endoscopic + surgical) approaches for clearance of the biliary system in a variety of patient settings.

Moderator: Pauli

Panelists: Rendell, Colavita, Teitelbaum

10:45-11:30am **Panel 5: Potpourri**

Presentation of a variety of foregut and bariatric situations where endoscopic solutions exist, and what surgeons need to consider when offering these to patients.

Moderator: Docimo

Panelists: Colavita, Spiel, McCormack, Wong

11:30-12:15pm **Round table 2 (Lunch provided)**

12:15-12:30pm **Lab Overview**

12:30-5:00pm **Hands-on Laboratory**

Group I: MULTISTATIONS (Ellsmere, Fung, Lomeli, Pauli, Sandler)

10 stations / no rotation / 30 fellows / duration: 4.5 hours

1. Tower Setup and Trouble Shooting
2. Foreign Body Removal
3. Sclerotherapy/Needle injection
4. Variceal Banding
5. Tattoo
6. Saline Lift Polypectomy/Hybrid APC
7. Management of Bleeding –Gold probe, Coag-Grasper, Hemospray

BREAK -15 minutes

8. Polyloop Placement
9. Balloon Dilation
10. EMR
11. Application of Clips
12. Internal Drainage
13. Endo VAC*
14. Ovesco & Padlock OTSC*
15. Stent placement*

Stations 13-15 are break out stations and fellow groups will be rotated through these



Group II: FOCUS STATIONS

10 stations / 30 fellows / duration: 4.5 hours (24 min per station, doubled time for CBD Exploration, POEM, POP, Overstitch)

Station 11/12- Common Bile Duct Exploration | Rendell/Teitelbaum

Station 13/14 - POEM | Colavita/Wong

Station 15/16 - POP | Hedberg/Liu

Station 17/18 – Overstitch | Docimo/Spiel

Station 19 - EndoFlip, Barrx, Bravo pH probe | McCormack

Station 20 - TIF | TBD

BREAK – 20 minutes

5:15pm Walk back to Hotel

6:30pm Social Event

Saturday, September 21, 2024

6:45 am Check out of hotel, leave luggage in secured room provided

7:00 am Meet at Hotel Lobby to walk to lab

7:15-7:45am **Round Table 3 (Breakfast provided)**

8:00-12:00pm **Hands-on Laboratory**

Group I will perform the techniques at FOCUS STATIONS

Station 11/12- Common Bile Duct Exploration| Rendell/Teitelbaum

Station 13/14 - POEM | Colavita/Wong

Station 15/16 - POP | McCormack/Liu

Station 17/18 – Overstitch | Docimo/Spiel

Station 19 - EndoFlip, Barrx, Bravo pH probe | Hedberg

Station 20 - TIF | TBD

Group II will perform the techniques at MULTISTATIONS (Ellsmere, Fung, Lomeli, Pauli, Sandler)

12:00pm Box lunch and walk back to hotel

1:00pm Airport Shuttle Departs to MSN Airport