

## Hands-on Course

Methodist Institute for Technology, Innovation, and Education (5<sup>th</sup> Floor)  
Saturday, April 1, 2023  
8:00AM-Noon

**Course Directors:** Sunil Dacha, MD

### AGENDA

7:00 am – 7:30 am Registration  
7:30 am – 8:00 am Intro to MITIE / Change into scrubs  
8:00 am – 12:00 pm Station Rotations  
12:00 pm – 1:00 pm – Lunch / Adjourn

**Course Description:** This hands-on training program will provide experience with advanced therapeutics endoscopic techniques and technology in the areas of mucosal ablation and resection, tissue closure, intraluminal stenting, gastroesophageal reflux treatments, and ERCP.

**Course Objectives:** Upon completion of this course, participants should be able to:

- Demonstrate proper technique for endoscopic mucosal resection using multiple methods.
- Describe important principles of electrosurgical energy as applied in the GI tract.
- Demonstrate the use of rescue strategies for GI bleeding or perforation following advanced tissue removal in the GI tract.
- Discuss technical difference between endoscopic submucosal resection (EMR) and endoscopic submucosal dissection (ESD).
- Demonstrate full thickness resection of small gastric mass.
- Discuss the advantages of per oral choledochoscopy over cholangiography in managing select biliary pathology.
- Describe the use of lumen apposing metal stents.
- Demonstrate transoral incisionless fundoplication treatment of GERD.

**Course Design:** This is a hands-on tissue explant lab where participants rotate among stations to learn and rehearse advanced GI techniques. Techniques and technologies used include:

Station 1: Spyglass ERCP – Dr. Kumar Pallav, UTMB  
Station 2: EUS Axios – Dr. Alberto Barroso, HMH  
Station 3: TIF – Dr. Kalpesh Patel, Baylor University  
Station 4: Endoflip & Closure: OverStitch- Dr. Gulchin Ergun, HMH  
Station 5: Xtack – Dr. Thomas. McCarty, HMH  
Station 6: DAT clip – Dr. Tara Keihanian, Baylor University  
Station 7: FTRD/OTSC clips OVESCO – Dr. Mairin Joseph-Talreja, UT Houston  
Station 8: Cryo Balloon – Dr. Nirav Thosani, UT Houston

Station 9: EMR Colon – Dr. Thomas Davee, UT Houston

Station 10: Band EMR/RFA – Dr. Karen Woods, HMH