

Hands-on Course

Methodist Institute for Technology, Innovation, and Education (5th 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



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

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