

# **Fundamentals of Endoscopic Surgery Curriculum for CMHS Surgical Residents**

<http://www.fesprogram.org>

## **Module 1: Technology**

- Characteristics of Endoscopes
- Equipment Setup
- Troubleshooting
- Equipment Care

## **Module 2: Patient Preparation**

- Informed Consent
- Anesthesia Risk Assessment
- Bowel Preparation
- Prophylactic Antibiotic Therapy
- Management of Anticoagulation

## **Module 3: Sedation & Analgesia**

- Monitoring
- Moderate Sedation
- Medications
- Recovery
- Alternative Sedation
- Small Caliber Endoscopy

## **Module 4: Upper Gastrointestinal Endoscopy**

- Indications
- Preparation
- Diagnostic EGD
- Complications

## **Module 5: Lower Gastrointestinal Endoscopy**

- Indications
- Preparation

## **Module 6: Performing Lower GI Procedures**

- Diagnostic Colonoscopy
- Rigid Endoscopy
- Lower GI Endoscopy
- Important Considerations

## **Module 7: Lower GI Anatomy, Pathology, and Complications**

- Pathology Recognition
- Complications

## **Module 8: Didactic ERCP**

- Indications
- Preparation
- Performance of ERCP
- Complications
- Pathology Recognition

## **Module 9: Hemostasis**

- Non-thermal Techniques
- Thermal Techniques

## **Module 10: Tissue Removal**

- Resective Techniques
- Sampling Techniques
- Ablative Techniques

## **Module 11: Enteral Access**

- Preparation
- Indications
- PEG
- Procedures with PEJ
- Replacement
- Complications

## **Module 12: Endoscopic Therapies**

- Dilation
- Foreign Body Removal
- Transgastric Laparoendoscopy
- Choledochoscopy
- Intraoperative Endoscopy
- Tumor Localization