

**Fundamentals of Laparoscopic Surgery
Curriculum for CMHS Surgical Residents**

<https://www.flsprogram.org/>

Module I – Preoperative Considerations

- Laparoscopic Equipment
- Energy Sources
- OR Set Up
- Patient Selection / Preoperative Assessment
- Preoperative Assessment

Module II – Intraoperative Considerations

- Anesthesia & Patient Positioning
- Pneumoperitoneum Establishment & Trocar Placement
- Physiology of Pneumoperitoneum
- Exiting the Abdomen

Module III – Basic Laparoscopic Procedures

- Current laparoscopic procedures
- Diagnostic Laparoscopy
- Biopsy
- Laparoscopic Suturing
- Hemorrhage & Hemostasis

Module IV – Postoperative Care and Complications

- Postoperative Care
- Postoperative Complications

Module V – Manual Skills Training

- Manual Skills Practice
- Manual Skills Training: FLS trainer assembly
- Peg Transfer
- Precision Cutting

- Ligating Loop
- Suture with Extracorporeal Knot
- Suture with Intracorporeal Knot