

UT SOUTHWESTERN DEPARTMENT OF SURGERY

TECHNICAL SKILLS COURSE OUTLINE

Course Title: Flexible Endoscopy

Course Director: Name: Yomi Fayiga M.D.
Specialty: Surgery

Participants: Specialty: Surgery
Level: PGY 3
Number of participants for the entire course: 16

Duration of Curriculum: 8 months

Expected Attendance: 16 in a single session
of Wednesday Morning Sessions Assigned to Each Trainee: 1
Duration of Each Session (max 2 hrs): 1.5 hrs.

Course Completion Verification –*Skills component verified by scheduled 1:1 post test with faculty after completion of 10 colonoscopy scenarios/cases on Symbionix GI Mentor*

Course completion verification will be based on attendance and successful completion of hands-on station. Annual practice (1x) is further requirement.

Self-study or Self-practice (is self-study or self-practice an expectation of this course?)
Self-practice

Self-study component(s): No
Estimated time requirements for self-study:
During what phase(s) of the course is self-study to be completed?

Self-practice component(s): Yes
Estimated time requirements for self-practice: 4hrs.
During what phase(s) of the course is self-practice to be completed? *After cognitive material and lab demonstration*

Training Location(s) Skills Lab

Equipment/Simulator(s): Symbionix GI Mentor

Other Resources (Textbooks, CD-ROMS, Videos, etc):

- 1) The residents will be encouraged to look at the Atlas of Gastrointestinal Endoscopy on the website www.endoatlas.com . This website provides endoscopic pictures of the esophagus, stomach, duodenum and ampulla, capsule endoscopy, inflammatory disease patients, colon and ileum of various disease processes to provided the residents with pictures of normal and abnormal anatomy.
- 2) Residents will be encouraged to use the Atlas of Colonoscopy, Editor: Messman, publication date: November 2005. Residents will be encouraged to use this text for supplemental information on performing and troubleshooting endoscopic procedures.

Educational Scope:

Skills Component(s): Colonoscopy, both therapeutic and diagnostic.

Cognitive Component(s): Residents will be taught how to perform a colonoscopy. Emphasis will be made on technique as well as identification of abnormal pathology.

Judgement: Indications, complications of procedures

Learning Objectives:

- 1) Components of endoscope
- 2) Completion of colonoscopy
- 3) Learn indications / contraindications to procedures

Summary of Curriculum, Teaching Methods, and Resource Utilization: Lecture, discussion and demonstration. Trainees will perform this procedure on Symbionix GI Mentor.

Methods for giving feedback to learners (Formative and Summative):

Immediate response by instructor

Methods for Assessment of Learners:

- 1) Direct observation by faculty
- 2) Summary of objectives achieved during Computer Case Simulation

Methods for Remediation: (How are individuals who need remediation identified and how is remediation facilitated?)

Continue practicing

Methods of Course Evaluation:

By Learners: E-Value online system

By Faculty: E-Value online system

Materials: Symbionix GI Mentor
Endoscope