UT SOUTHWESTERN DEPARTMENT OF SURGERY

2013-2014 TECHNICAL SKILLS COURSE OUTLINE

Course title: **Flexible Endoscopy-SAGES STEP Endoscopy**

Course director: Abier Abdelnaby, MD

Specialty: Colorectal Surgery

Additional course faculty: Melanie Hafford, MD General Surgery

Kristine Gilberg-Fisher, RN, BSN Clinical Educator

Debbie Hogg, BS Clinical Study Coordinator

Participants: PGY 3 Surgery residents

Curriculum dates:

# participants for course:	12
Phase I: Group 1	11/06/13
Phase **I**: Group 2	11/20/13
Phase II:	12/19/12
Deadline Post-Test Group 1	1/15/14
Deadline Post-Test Group 2	1/22/14
Phase III: Group 1 & 2	2/5/14

Expected attendance:

Sessions assigned to each trainee	1	
Duration of each session	2	hr(s)
Trainees per session	6/6	

Other assigned sessions:

Duration of each session		hr(s)
Trainees per session		
When other sessions are held?		

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Course Completion Verification - How do you know when a trainee has completed each component of the course and the overall course itself? Please specify for each course component, if applicable – *for example, assigned reading component verified by written testing and skills component verified by attending 2 course-instructor led sessions*.

☒ Attendance based: based on trainee attending all of the designated sessions

- ☐ Entire course - course solely based on attendance
- ☒ Part of course - attendance to designated sessions required in addition to other components listed below

☐ Repetition based: based on the trainee performing a specific number of repetitions

Components: _____

# of Repetitions: _____

☒ Proficiency based: based on the trainee performing a specified number of repetitions

Components: Hands on practice with GI Simulator

Method for determining: Skills components verified by scheduled one-on-one posttest with faculty

☒ Written testing: based on passing a written test

Components: Flexible Endoscopy Didactic Topics Test consisting of 25 questions

☒ Documentation of watching videos/CD's/web-based materials: based on proctor or instructor verification that the trainee has watched the specified materials

Components: Resources listed below

☒ Other (*specify*):

Components: Skills Post Test, GI simulator

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

☐ No

☒ Yes

Self-study component(s): *Atlas of Colonoscopy (Editor: Messman)*
Estimated time requirements for self-study: 1-2 hrs
Phase of course where self-study completed: Phase 1

Self-practice component(s):
Estimated time requirements for self-practice: 4 hrs
Phase of course where self-study completed: Phase 1 (after reviewing cognitive material and lab demonstration

Training Location(s): Skills Lab & J-9 OR

Resources (Textbooks, CD-ROMs, Videos, etc.):
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 provide the residents with pictures of normal and abnormal anatomy.
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
Components: Colonoscopy, both therapeutic and diagnostic

☒ Cognitive
Components: Residents will be taught how to perform a colonoscopy. Emphasis will be made on technique as well as identification of abnormal pathology.

☒ Judgment
Components: Indications, complications of procedures

Learning Objectives:
Components of endoscope
Completion of colonoscopy
Learn indications / contraindications to procedures

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Summary of Curriculum, Teaching Methods, and Resource Utilization:

(For each component, please specify what material will be taught during each session, how will the material be taught, and what teaching materials will be used. Please also specify the overall format for the course including expectations required for successful course completion)
All trainees will attend lecture, discussion and passing of a didactic pre-test. Faculty will review equipment and use with trainees. Trainees will perform a return demonstration of proper use of equipment and completion of post-test procedure on a GI Simulator Model and Porcine Models.

Methods for giving feedback to learners (Formative and Summative):
Immediate response by instructor

Methods of assessment of learners:
Faculty will ask questions to assess learning cognitive information. Faculty has direct observation of skill with immediate feedback.

Methods of course evaluation:
Post-test questionnaires completed by trainees at the end of the course and faculty evaluations of skills sessions

Materials:

Olympus ® Tower
Flexible Endoscope
Porcine models