

UT SOUTHWESTERN DEPARTMENT OF SURGERY

TECHNICAL SKILLS COURSE OUTLINE

Course Title: Laparoscopic Port Insertion

Course Director: Name: Mark Watson
Specialty: Surgery

Additional Course Faculty: N/A

Participants: Specialty: Surgery
Level: PGY 1
Number of participants for the entire course: 39

Curriculum duration: single session

Expected Attendance: 19-20 per session
of Wednesday Morning Sessions Assigned to Each Trainee: 1
Duration of Each Session (max 2 hrs): 2.0 hrs.

Course Completion Verification –Attendance at session

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

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

Training Location(s) E6.200 Multimodality Education Center

Equipment/Simulator(s): DASIE simulator model, actual operating room laparoscopic equipment tray

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

Educational Scope:

Skills Component(s): Understand and demonstrate the use of laparoscopic access ports, including veress needle, Endotip thread type port, step port, sharp and blunt Hasson trocar insertion and visiport

Cognitive Component(s): Preoperative planning for selection of appropriate laparoscopic access

Judgement: Understand appropriate patient selection for closed vs. open laparoscopic port insertion

Learning Objectives:

- 1) Understanding closed vs. open laparoscopic port insertion.
- 2) Ability to demonstrate appropriate use of closed access laparoscopic port insertion.
- 3) Demonstrate the use of different laparoscopic port access on DASIE model.

Summary of Curriculum, Teaching Methods, and Resource Utilization:

- 1) Open insertion
 - a. Direct visualization (Hasson trocar)
 - b. Semi-closed (Umbilical or other site)
 - i. Digital palpation
- 2) Closed insertion
 - a. Pre-insufflation (Veress needle)
 - i. Unguarded (reusable)
 1. Sharp
 2. Blunt/bladeless plastic (XCel/Ethicon)
 - ii. Guarded (disposables or semi-reusable)
 - iii. Radially Expanding Trocars (Covidien Step)
 - iv. Spiral rotation, EndoTip (Storz)
 - b. Non-insufflated
 - i. Visual entry trocars
 1. Spiral rotational, EndTip (Storz)
 2. Optiview (Ethicon)
 3. VisiPort (Covidien)
- 3) Hands on practice utilizing DASIE model by participants

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

Direct interaction and feedback with instructor during session.

Methods for Assessment of Learners:

Demonstration to faculty of safe laparoscopic port insertion

Methods for Remediation: (How are individuals who need remediation identified and how is remediation facilitated?) Continued practice in 1:1 session with faculty.

Methods of Course Evaluation:

By Learners: E-Value online system

By Faculty: E-Value online system