

GOALS-GH**GLOBAL OPERATIVE ASSESSMENT OF LAPAROSCOPIC SKILLS – GROIN HERNIA**

Date:

<input type="checkbox"/> Operator	Code:	<input type="checkbox"/> Evaluator	Code:
-----------------------------------	-------	------------------------------------	-------

TROCAR - Selection, location and placement technique

- 1 Poor knowledge of size and type of trocars needed. Unclear on where and how to place trocars safely.
- 2
- 3 Some understanding of trocar selection and location. Adequate technique with good visualization of accessory trocar entry; needs some guidance for safe placement.
- 4
- 5 Clear understanding of trocar selection and location. Placement technique is safe & controlled.

***TAPP** **CREATING PERITONEAL FLAP**

Creation of initial flap and quality of final coverage of the mesh

- 1 Inadequate understanding of where and how to create appropriate peritoneal flap; rough tissue handling.
- 2
- 3 Creates appropriate flap, but requires moderate guidance about where to place incision and how to achieve sufficient dissection to prepare for mesh placement. Gentle tissue handling most of the time.
- 4
- 5 Excellent creation of appropriate flap with expert handling of tissue, able to identify all appropriate landmarks, preparing site to facilitate full coverage with the mesh at end of procedure.

***TEP** **CREATING & WORKING IN PREPERITONEAL SPACE**

Use of strategies to work within a confined space

- 1 Unable to create working space. Constantly loses orientation. Frequent uncoordinated movements.
- 2
- 3 Creates appropriate working space with coordinated instrument movements, but requires moderate guidance for safe operating and occasional re-orienting.
- 4
- 5 Expertly creates sufficient working space safely with coordinated instrument movements, able to identify all appropriate landmarks, and clear awareness of limitation of view and working space.

HERNIA SAC- Identification, dissection and adequate reduction of hernia sac

- 1 Unable to identify, dissect and reduce the hernia sac safely. Poor understanding of how to separate the sac from the cord structures and when to stop the dissection.
- 2
- 3 Requires moderate guidance for safe dissection and reduction of the hernia sac. Appropriate dissection most of the time. Needs some guidance about the limitations of the dissection.
- 4
- 5 Expertly able to identify and reduce the hernia sac safely, completely, and efficiently. Stops when the dissection is adequate.

MESH- Introduction, positioning and fixation of the mesh

- 1 Little knowledge about size and type of mesh. Unable to orient and place mesh adequately to cover hernia defect. Does not know where to fix the mesh.
- 2
- 3 Understands mesh size, type, orientation and adequate placement, but requires moderate guidance to perform the procedure and to fix and maintain mesh position. Able to demonstrate or describe hazardous areas where fixation might be dangerous.
- 4
- 5 Expertly able to perform safe and appropriate introduction, positioning and fixation of the mesh with excellent final appearance.

KNOWLEDGE OF ANATOMY & FLOW PROCEDURE

Understanding of inguinal anatomy and performance of steps of procedure safely and efficiently

- 1 Inadequate understanding of anatomy and steps of the procedure. Needs constant reminding to avoid dangerous areas. May require attending take over.
- 2
- 3 Understands anatomy, needs occasional prompting about steps of the procedure. The steps are deliberate, but the operator is making progress.
- 4
- 5 Clear understanding of anatomy and steps of the procedure.

TOTAL SCORE /25