



Advanced Laparoscopy in General Surgery

Minimally Invasive Operating Techniques in Inguinal Hernia repair

- ❖ **Venue:** Main campus. LRC, Surgical OR Theatre.
- ❖ **Structure:** 3 days course with a maximum of -18 participants

- ❖ **Purpose of the program and course**

The course is designed to provide opportunities to the participant to enhance his/her current surgical technical skills in the field of **Inguinal hernia repair.**

1. The program will help to enhance the contribution of the participants to the improvement of medical services in their country's health sector.
2. **Candidates criteria:** Participants with no or minimal experience in Laparoscopic Surgery (assisted in no more than 10 procedures)
3. **Objectives:**
 - To familiarize participants with the principles and practice of laparoscopic surgery. **By the end of the course, participants should gain basic knowledge and skills** in the following topics:
 - Theoretical basis of laparoscopy

- Hardware and instruments used in laparoscopy
 - Indications and applications of laparoscopic procedures
 - Development of hand eye coordination
 - Key steps and surgical techniques in laparoscopic inguinal hernia repair.
- To motivate participants towards laparoscopic hernia repair
- To orient participants with the safe practice of laparoscopic inguinal hernia repair.

4. **Methodology:**

- ❖ **Interactive Lectures** highlighting all the topics
- ❖ **Discussions** to investigate and address the participants concerns and queries
- ❖ **Hands-on** training on pelvic-trainers, computer simulation and biological tissues, animal lab to develop hand-eye coordination and practice essential operative skills. Live operation if possible.

5- **curriculum:**

- Theoretical Principles of Inguinal hernia Surgery and Possible Complications
- Patient selection criteria
- Endoscopic suturing and knotting techniques
- Peritoneal dissection.
- Types of Mesh with different approaches of Mesh fixation
- Tips and tricks in inguinal hernia.