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 Mish with different approaches of Mish fixation
   • Tips and tricks in inguinal hernia.