Advanced Laparoscopy in General Surgery

Minimally Invasive Operating Techniques in Bariatric surgeries.

- **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 **Bariatric surgeries.**

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 bariatric Laparoscopic Surgery (assisted in no more than 10 procedures)

3. **Objectives:**
   - To familiarize participants with the principles and practice of bariatric laparoscopic surgery. **By the end of the course, participants should gain basic knowledge and skills** in the following topics:
Theoretical basis of bariatric laparoscopy
- Hardware and instruments used in bariatric laparoscopy
- Indications and applications of bariatric laparoscopic procedures
- Development of hand eye coordination
- Key steps and surgical techniques in laparoscopic bariatric surgeries.

➢ To motivate participants towards laparoscopic Bariatric surgeries
➢ To orient participants with the safe practice of laparoscopic Bariatric surgeries.

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 operations when available.

6- curriculum:
- Theoretical Principles of metabolic syndromes & bariatric problems
- Patient selections, preparation & OR set-up.
- Restrictive procedures.- L.A.G.B
- Gastric Bypass procedures.
- Gastric Plication
- Gastric Banding
- Sleeve gastrectomy
- Complications of Bariatric Surgery
- Nutritional upset after bariatric surgery
- Tips and tricks in Bariatric surgeries.