



## 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.

