



BLDE (Deemed to be University)
Declared as (Deemed to be University) u/s 3 of UGC Act, 1956
The Constituent College
SHRI B. M. PATIL MEDICAL COLLEGE, HOSPITAL AND RESEARCH CENTRE

Department of Fellowship In Minimal Access Surgery

Gaining laparoscopic skills is very important. Skill in conventional surgical procedure does not necessarily confer skills in Laparoscopic surgery. The course is aimed at bridging this gap and is formulated with the following objectives in mind.

Knowledge:

1. To learn the principles of Laparoscopic surgery.
2. To learn the indications, contra-indications and limitations of MIAS and various procedures.
3. Anesthesia in laparoscopic surgery.
4. Learning about prosthetic meshes and fixation devices.

Knowledge & Skills:

1. To learn about specialized Laparoscopic equipments and instrumentation.
2. Sterilization and maintenance of instruments and video equipments.
3. Trouble shooting in MIAS.
4. Electro surgery and other newer energy sources.
5. To learn about tissue morcellators and organ retrieval systems.
6. To know about the complications and its managements in MIAS.

Skills:

1. To master the tactile sensation, altered hand and eye co-ordination due to the length and design of instruments and the absence of three dimensional depth perception due to two dimensional representation of the three dimensional abdominal cavity.
2. To perform abdominal insufflations using Veress needle
3. Basic and advanced skills in Endo-knotting and intracorporeal suturing techniques.
4. To perform laparoscopic procedures on live animal models in the purposeful, wet laboratory.
5. Learn to perform on human patients.
6. Documentation, storage data and presentation

REGISTRAR
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