

ADVANCED LAPAROSCOPIC GYNECOLOGY SKILLS AND PROCEDURES COURSE

Introduction:

Advanced course is for those gynaecologists who are already performing diagnostic and basic laparoscopic and hysteroscopic procedures and want to upgrade their surgical skills to start performing more challenging cases.

It will focus in providing advanced operating room efficiency, newer advanced operative techniques and video surgical demonstration of diverse operative procedures of benign Gynaecological surgeries.

There will be ample scope for each case discussion & interaction for operative different techniques.

Reporting of operative data, evaluating results and methodology of data collection and different video recording methods will also be discussed. [Source FOGSI website]

Duration: 14 days

Teaching methods:

- Operation theatres for observation. Operative assistance
- Hands on procedures
- Video presentations
- Pelvic trainer lab
- Face to face course
- Didactic lectures [only few] on energy sources in laparoscopy , distension fluid management in hysteroscopy

Procedures to be trained at center:

Entry techniques Veress needle, Hassan Palmer's point Direct entry technique	Ability to perform safe entry techniques
Safe use of appropriate energy source	Should understand the principles of electrosurgery, laser modalities, beam coagulators, ultrasound, and other future energy sources. Ability to safely perform procedure and a thorough understanding of the safety checks required before activating the energy source Trouble shooting

Ability to competently suture pedicles using laparoscopic needle holders Ability to undertake intracorporeal and extracorporeal knot tying	Endo trainer sessions for mastering suturing
TOTAL LAPAROSCOPIC HYSTERECTOMY and the ability to undertake a total laparoscopic hysterectomy using a recognised technique and an understanding of suitable alternatives	Ability to undertake a total laparoscopic hysterectomy using a recognised technique
Recognition of initial and late complications such as haemorrhage or damage to adjacent viscera	Ability to manage haemorrhage and initial treatment of damage to adjacent viscera.
Recognition of late complications	Initiation of immediate treatment and summoning the appropriate help.
LAPAROSCOPIC MYOMECTOMY, and to undertake the excision of subserous intramural and broad ligament fibroids.	Ability to excise myomas To suture the defect To deal with haemorrhage from the uterine serosa and myometrium
Endometriosis	To excise superficial and deep endometriosis overlying pelvic structures, bowel and the pelvic sidewall using the appropriate instruments and energy sources To recognise and undertake immediate management of complications, summoning appropriate specialist help as necessary
Prolapse, Pelvic Floor Defects,	Use of mesh in suspension surgeries
Vaginal agenesis and other obstructive Mullerian anomalies	Laparoscopic Neovagina creation Recognition and management of various Mullerian pathologies

Benign Ovarian tumours, Tubal surgeries	Tackling different types and sizes of ovarian tumours, retrieval without spillage of contents
Specimen retrieval techniques	The use of morcellator, undertaking posterior colpotomy and trans abdominal and trans vaginal removal of tissue using tissue retrieval bags
Tests for bladder and bowel integrity	To perform visual inspection of bowel, carry out air insufflation and dye tests. To check integrity of bladder using visual inspection and dye tests. To visually check the ureter through its pelvic course.
Hysteroscopic surgeries	Submucous fibroid removal, Asherman's syndrome, Trance cervical resection of Endometrium (TCRE)

Logbook:

Fourteen days record of laparoscopy and hysteroscopy Cases seen/assisted and performed, tasks performed on Endo trainer with time duration shall be maintained and verified

Expected outcomes:

After getting certified by this course the certified FOGSIAN will be able to perform the basic procedures like

1. Diagnostic laparoscopy
2. Laparoscopic tubal occlusion
3. Salpingectomy for tubal pregnancy
4. Simple adhesiolysis
5. Salpingectomy for hydrosalpinx with mild pelvic adhesions
6. Ovarian drilling
7. Aspiration / fenestration of cyst

As well as

Hassan technique, Palmer's point entry in previously operated difficult case entries

Total laparoscopic hysterectomy

Use of tissue morcellator

Suture of vaginal vault

Specimen retrieval techniques