Performing major laparoscopic gynecologic procedures

Key Features:
- This EPA focuses on performing major gynecologic laparoscopic procedures, including patient positioning, selection and appropriate use of instruments, risk reduction, and injury recognition.
- This EPA includes laparoscopic salpingostomy/salpingectomy, laparoscopic ovarian cystectomy, salpingo-oophorectomy, laparoscopic treatment of endometriosis, laparoscopic-assisted vaginal hysterectomy (LAVH), and total laparoscopic hysterectomy (TLH).
- The observation of this EPA is divided into two parts: direct observation of surgical skills; a log of procedures to demonstrate the breadth of experience.

Assessment Plan:

Part A: Procedural skill
Direct observation by gynecologist or subspecialty trainee, may include feedback from nursing staff and anesthesiologist.

Use Form 2. Form collects information on:
- Procedure: laparoscopic salpingostomy/salpingectomy; laparoscopic ovarian cystectomy; salpingo-oophorectomy; laparoscopic treatment of endometriosis; laparoscopic-assisted vaginal hysterectomy (LAVH); total laparoscopic hysterectomy (TLH).

Collect 5 observations of achievement
- At least 2 laparoscopic hysterectomies (LAVH or TLH)
- At least 2 laparoscopic salpingostomy/salpingectomy
- At least 1 laparoscopic ovarian cystoscopy
- At least 2 different observers

Part B: Logbook
Submit logbook of procedures.

Logbook tracks
- Procedure: laparoscopic salpingostomy/salpingectomy; laparoscopic ovarian cystectomy; salpingo-oophorectomy; laparoscopic treatment of endometriosis; laparoscopic-assisted vaginal hysterectomy (LAVH); total laparoscopic hysterectomy (TLH)

Relevant Milestones:

Part A: Procedural skill
1 ME 1.4 Apply knowledge of surgical anatomy, steps of the procedure, potential intraoperative risks and means to avoid/overcome them.
2 ME 1.4 Apply knowledge of the principles of electrosurgery
3 ME 3.1 Describe the indications, risks and complications of advanced laparoscopy
4 ME 3.2 Obtain and document informed consent, explaining to the patient the risks, benefits, alternatives and the rationale for the proposed treatment options
5 ME 3.4 Demonstrate effective procedure preparation, including the use of a pre-procedure time-out or safe surgical checklist as appropriate
6 ME 3.4 Assemble required equipment
7 ME 3.4 Identify laparoscopic anatomical landmarks
8 ME 3.4 Place laparoscopic ports
9 ME 3.4 Orient spatially without hesitation and position instruments where intended
10 ME 3.4 Perform safe dissection of relevant structures and tissue layers with gentle tissue handling
11 ME 3.4 Interpret laparoscopic findings
12 ME 3.4 Demonstrate intraoperative judgment, fluidity of movement, and forward progression
13 ME 3.4 Identify and trouble-shoot equipment issues
14 ME 3.4 Seek assistance as needed when unanticipated findings or changing clinical circumstances are encountered
15 COL 1.2 Communicate effectively and professionally with the OR team
16 ME 3.4 Establish and implement a plan for post-procedure care, including post-operative orders
17 COM 5.1 Document the surgical encounter to adequately convey the procedure and outcome
18 ME 5.2 Apply the principles of situational awareness to clinical practice
19 COM 3.1 Convey information related to the patient’s health status, care, and needs in a timely, honest, and transparent manner
20 P 4.1 Demonstrate an ability to regulate attention, emotions, thoughts, and behaviours while maintaining capacity to perform professional tasks