Obstetrics & Gynecology: Core EPA #16

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 cystectomy
- 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)
CanMEDS 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