

Obstetrics & Gynecology: Core EPA #6

Performing obstetric and gynecologic ultrasound

Key Features:

- This EPA focuses on selection, performance, and interpretation of point-of-care obstetric and gynecologic ultrasound (US) to guide assessment and ongoing management.
- This EPA includes transabdominal and transvaginal US
- Obstetric US:
 - o biophysical profile (BPP), standard or modified (cord Doppler)
 - o fetal position and number
 - o placental location
 - o fetal viability
 - o basic fetal biometry (biparietal diameter (BPD), head circumference (HC), abdominal circumference (AC), femur length (FL))
 - o cervical length
- Gynecologic US:
 - o confirm intrauterine pregnancy
 - o crown rump length (CRL)
 - o free fluid in pelvis/abdomen

Assessment Plan:

Direct observation and/or review of images by staff (OBGYN, Radiology, Emergency Medicine), Transition to Practice resident, ultrasonographer, subspecialty resident (REI or MFM subspecialty trainee), or advanced practice nurse

Use form 1. Form collects information on

- Setting: ER; inpatient; gynecology clinic; diagnostic imaging; ultrasound unit; simulation
- Obstetrics cases (select all that apply): not applicable; standard BPP; modified BPP (cord Doppler); fetal position and number; placental location; fetal viability; basic fetal biometry (BPD, HC, AC, FL); cervical length
- Gynecology cases (select all that apply): not applicable; confirm intrauterine pregnancy; crown rump length (CRL); free fluid in pelvis/abdomen; US guided curettage
- Free fluid: not applicable; normal; abnormal
- Observation: direct; image review

Collect 5 observations of achievement

- At least 1 normal amount of free fluid
- At least 1 obstetrics case
- At least 1 gynecology case

*ENTRUSTABLE PROFESSIONAL ACTIVITIES
FOR OBSTETRICS AND GYNECOLOGY (2019)*

- At least 1 direct observation of each type of case (obstetric & gynecologic)
- No more than 2 simulations including 1 obstetric, and 1 gynecologic case

Relevant Milestones:

- 1 **ME 1.4** Apply a broad base and depth of knowledge in clinical and biomedical sciences to manage the breadth of patient presentations in obstetrics and gynecology
- 2 **ME 1.5** Perform ultrasound assessments that address the breadth of issues in each case
- 3 **ME 3.4 Adjust instrument settings appropriately to optimize image quality**
- 4 **ME 3.4 Obtain standard views**
- 5 **ME 2.2 Recognize clinically significant findings in an US examination**
- 6 **ME 1.7 Seek assistance in situations that are complex, novel, or involve uncertainty**
- 7 **ME 2.2 Develop a specific differential diagnosis relevant to the patient's presentation**
- 8 **ME 3.3** Triage a procedure or therapy, taking into account clinical urgency, potential for deterioration, and available resources
- 9 **COM 1.2** Optimize the physical environment for patient comfort, dignity, privacy, engagement, and safety
- 10 **COM 3.1 Convey information about diagnosis and prognosis clearly and compassionately**
- 11 **ME 4.1 Determine the need and timing of referral to another physician or health care professional**
- 12 **COL 1.3** Communicate effectively with physicians and other colleagues in the health care professions