

Obstetrics & Gynecology: Foundations EPA #2

Performing assessments of fetal well-being

Key Features:

- This EPA includes counselling on maternal awareness of fetal well-being (fetal movement count), recognition of indications for fetal well-being assessment, interpretation of non-stress test and third trimester ultrasound reports, interpretation of fetal heart rate patterns in labour and not in labour, performance and interpretation of biophysical profile/modified biophysical profile, amniotic fluid assessment, placental location, fetal presentation, and timely communication of findings to the patient and the care team.
- This EPA includes point of care ultrasound assessment of fetal presentation, placental localization, and biophysical profile/modified biophysical profile.

Assessment Plan:

Direct observation of patient assessment and counselling, and review of antenatal fetal assessment tool by OBGYN faculty, Core or TTP trainee, US sonographer, or maternal-fetal medicine subspecialty trainee, faculty, or nurse.

Use Form 1. Form collects information on:

- Investigation (select all that apply): non-stress test; amniotic fluid volume; Point of Care Ultrasound (POCUS); biophysical profile; fetal heart rate tracing; other
- Setting: clinic; obstetrics day unit; triage; labour & delivery
- Counselling on fetal movement count: yes; no
- Atypical/abnormal findings: yes; no

Collect 5 observations of achievement

- At least 1 non-stress test
- At least 1 biophysical profile or modified biophysical profile (non-stress test and amniotic fluid volume)
- At least 1 POCUS
- At least 1 including counselling on fetal movement counts

CanMEDS milestones:

- 1 COM 1.2** Optimize the physical environment for patient comfort, dignity, privacy, engagement, and safety
- 2 ME 1.4** Apply clinical and biomedical sciences to assess fetal well-being
- 3 ME 1.5 Perform a focused clinical assessment that addresses all relevant issues**
- 4 ME 1.5 Recognize an urgent or difficult problem that may need the involvement of more experienced colleagues and seek their assistance**
- 5 ME 1.7** Develop a plan that considers the current complexity, uncertainty, and ambiguity in a clinical situation

*ENTRUSTABLE PROFESSIONAL ACTIVITIES
FOR OBSTETRICS AND GYNECOLOGY (2021 version 1.2)*

- 6 **ME 2.1** Consider clinical urgency, feasibility, availability of resources, and comorbidities in determining priorities for the patient encounter
- 7 **ME 2.2** Focus the clinical encounter, performing it in a time-effective manner, without excluding key elements as necessary
- 8 **ME 3.1 Determine the most appropriate method(s) for the purpose of assessment of fetal well-being**
- 9 **ME 3.4 Perform a fetal assessment which may include fetal heart rate monitoring, biophysical profile, umbilical artery Doppler, EFW, and fetal scalp sampling**
- 10 **ME 3.4 Perform POCUS in a skilful, fluid, and safe manner without assistance**
- 11 **COM 3.1 Share information and explanations that are clear, accurate, timely, and adapted to the patient's and her family's level of understanding and need**
- 12 **COM 5.1 Document the clinical encounter to adequately convey findings, clinical reasoning and the rationale for decisions**