Obstetrics & Gynecology: Foundations EPA #2

Performing assessments of antenatal 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.

Assessment Plan:

Direct observation of patient assessment and counselling, and review of non-stress test by OBGYN faculty, Core or TTP trainee, US sonographer, or maternal fetal medicine sub-specialty trainee or faculty

Use Form 1. Form collects information on:
- Investigation (select all that apply): non stress test; Point of Care Ultrasound (POCUS); biophysical profile; fetal heart rate tracing; other
- If “other” indicate investigation: [free text]
- Setting: clinic; obstetrics day unit; triage; labour & delivery
- Counselling on fetal movement count: yes; no
- Atypical/abnormal findings: yes; no

Collect 10 observations of achievement
- At least 1 non-stress test
- At least 1 biophysical profile
- At least 1 POCUS
- At least 1 counselling on fetal movement counts
- At least 2 intrapartum atypical/abnormal fetal heart rate tracing

Relevant 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 focused clinical assessments that assess all relevant issues**
4 **ME 1.5 Recognize urgent or difficult problems that may need the involvement of more experienced colleagues and seek their assistance**
ME 1.7 Develop a plan that considers the current complexity, uncertainty, and ambiguity in a clinical situation

ME 2.1 Consider clinical urgency, feasibility, availability of resources, and comorbidities in determining priorities for the patient encounter

ME 2.2 Focus the clinical encounter, performing it in a time-effective manner, without excluding key elements as necessary

ME 3.1 Determine the most appropriate method(s) for the purpose of assessment of fetal well-being

ME 3.4 Perform a fetal assessment which may include fetal heart rate monitoring, biophysical profile, uterine artery Doppler, EFW, and fetal scalp sampling

ME 3.4 Perform POCUS in a skilful, fluid, and safe manner without assistance

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

COM 5.1 Document clinical encounters to adequately convey findings, clinical reasoning and the rationale for decisions