

Obstetrics 2nd/3rd Trimester Certification Content Outline

The Point-of-Care Ultrasound (POCUS) Clinical Certifications are comprised of two assessments: a Clinical Case Based Assessment and a Peer Evaluation. Specialty Certifications include the two assessments plus Clinical Video Submissions.

Clinical Case Assessment

The clinical Case-Based assessments are designed to simulate a clinical encounter. They are scenario based exams with question types ranging from multiple choice to hotspots. The questions are designed to assess the following:

7%	Standard POCUS Views	<ul style="list-style-type: none"> Familiarity with normal exploration paths Recognition of when patient condition or presentation requires deviations from the normal exploration paths Identification of regions or basic POCUS views described in consensus documents or protocols
23%	Anatomical Features	<ul style="list-style-type: none"> Ability to recognize and identify various anatomical features in M-mode and 2D/B-mode images, color Doppler, spectral Doppler
30%	Sonographic Findings	<ul style="list-style-type: none"> Knowledge of common sonographic artifacts or measurements Ability to identify artifacts that may aid in diagnosis Recognition of sonographic patterns and their implications for diagnosis
36%	Diagnostic Findings	<ul style="list-style-type: none"> The ability to determine and confirm an initial diagnosis using integrated POCUS media and clinical information Understanding and recognition when it is not possible to obtain an initial diagnosis through POCUS
4%	OB 2nd/3rd Trimester Pathologies	<ul style="list-style-type: none"> Knowledge of common pathologies and conditions identified through OB 2nd/3rd Trimester POCUS (including but not limited to: <ul style="list-style-type: none"> ☑ Anhydramnios, ☑ Cervical dilation, ☑ Cervical shortening, ☑ Fetal anomaly, ☑ Fetal bradycardia, ☑ Fetal demise, ☑ Fetal presentation – breech, ☑ Fetal presentation – cephalic, ☑ Fetal tachycardia, ☑ Intrauterine fetal grow restriction, ☑ Low-lying placenta, ☑ Macrosomia (Large for Dates), ☑ Multiple pregnancy – (triplets, quadruplets, etc.), ☑ Normal pregnancy, ☑ Oligohydramnios, ☑ Placenta accreta, ☑ Placenta previa, ☑ Placental abruption, ☑ Polyhydramnios, ☑ Pregnancy preterm labor, ☑ Retained products of conception, ☑ Single live intrauterine pregnancy, ☑ Transverse lie, ☑ Twin growth discrepancies, ☑ Twin pregnancy, ☑ Twin pregnancy– Dizygotic (Dichorionic/ Diamniotic), ☑ Twin pregnancy– Monozygotic (Monochorionic/ Monoamniotic), ☑ Uterine rupture, Vasa previa) Must comprehend that it is sometimes not possible to get a diagnosis and recognize when this is the case Must know how to determine or confirm a diagnosis using created images Ability to comprehensively consider all case information (images, patient presentation, labs, etc.) to determine an initial diagnosis

Peer Evaluation

The Peer Evaluation is designed to assess your practical abilities in Point-of-Care Ultrasound (POCUS). Clinicians of your choosing will be sent an anonymous questionnaire to evaluate your POCUS abilities. Assessment results are based on the first two evaluations received. Peer Evaluators will evaluate on the following criteria which will be evenly weighted:

1 Diagnostic Quality Ability to obtain images of diagnostic quality	2 Gain Demonstrate proficient use of gain settings	3 Views Demonstrate proper transducer placement	4 Measurement Ability to use appropriate measurement techniques
5 Pathology Acquired and interpreted POCUS images related to most common OB/First Trimester pathologies for which POCUS is appropriate	6 Depth Demonstrate appropriate use of depth setting and center the area of interest on the screen	7 M-Mode Demonstrate an appropriate use and understanding of M-Mode	

Clinical Video Submission

The Clinical Video Submission is designed to assess your ability to acquire POCUS scans. When enrolled in a Specialty Certification that includes this content area, you will be required to upload HIPAA compliant OB 2nd/3rd Trimester media. The submitted videos (one normal and one with correctly identified pathology) will be evaluated by clinical reviewers based on POCUS protocols and criteria listed below:

1 Pathology Identified	2 Depth	3 Diagnostic Quality	4 Gain
5 Measurement	6 On-Axis	7 Transducer Use	8 M-Mode (when/where applicable)
9 Color Doppler (if applicable)	10 Ultrasound Machine Preset Use	11 Views	
