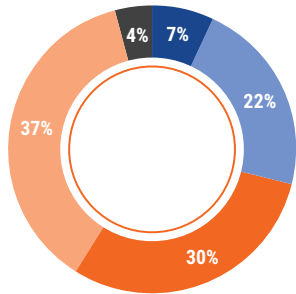


Hepatobiliary/Spleen Certificate Content Outline

The POCUS Clinical Certificates are comprised of two assessments:
a Clinical Case Based Assessment and a Peer Evaluation.



Clinical Case Assessment

The Clinical Case-Based assessments were developed using a standard template that has been customized for each content area. Clinical scenarios are presented to candidates in audio and/or video formats (with closed-captioning and written scripts). Ultrasound media and assessment questions are presented at key points during the patient encounter. Questions are designed to assess the following:

Standard POCUS Views: 7%	<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
Anatomical Features: 22%	<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
Sonographic Findings: 30%	<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
Diagnostic Findings: 37%	<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
Hepatobiliary/Spleen Pathologies: 4%	<ul style="list-style-type: none"> Knowledge of common pathologies and conditions identified through Hepatobiliary/ Spleen POCUS (including but not limited to: Abnormal mass/tumor, Abscess(es), Cholecystitis, Bile duct obstruction, Biliary sludge, Choledocholithiasis, Cholelithiasis, Cirrhosis, Fatty liver, Fluid-filled cyst(s), Free fluid, Hepatomegaly, Intraparenchymal hematoma, No sonographic abnormalities present, Ruptured spleen, Splenomegaly, Subcapsular hematoma(s)) 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

When applying for Clinical Certificates, you will be asked to provide the names and email addresses of clinicians with a clinical background in ultrasound who are familiar with your ability to obtain clinically-relevant hepatobiliary/spleen Point-of-Care Ultrasound images. The POCUS Certification Academy™ will contact of these individuals to ask them to complete a short questionnaire regarding their impressions of your hepatobiliary/spleen Point-of-Care Ultrasound abilities. Assessment results are based on the first two evaluations received. Each of the evaluated areas is weighted at 12.5%. Peer Evaluators will be asked about the following:

Diagnostic Quality Ability to obtain images of diagnostic quality	Gain Demonstrate proficient use of gain settings	Depth Demonstrate appropriate use of depth setting and center the area of interest on the screen	Views Demonstrate proper transducer placement	Measurement Ability to use appropriate measurement techniques	Compression Apply appropriate compression to identify pathology	Pathology Acquired and interpreted Point-of-Care Ultrasound (POCUS) images related to most common Hepatobiliary/ Spleen pathologies for which POCUS is appropriate	Color Doppler Demonstrate an appropriate understanding of Color Doppler
---	--	--	---	---	---	--	---