

Point of Care Ultrasound (PoCUS)

Competency Assessment Forms

FAST

Competency B - FAST (Abdomen/Pelvis/Pericardium) Guidance

Please follow this guidance as closely as possible to ensure consistency between assessors. Ability to enter details, save image/clip and optimize environment only needs to be done once if multiple competencies are being assessed.

- 1. “What are the core indications?”**
e.g. any trauma patient, especially blunt chest or abdomen, suspected ectopic. Any questionable indications should be challenged.
- 2. Demonstrates familiarity with the machine controls and transducer handling.**
- 3. Demonstrates an ability to enter patient details as per EDPoCUS policy.**
- 4. “This patient presents with blunt abdominal injuries following an MVC”**
- 5. “Please show me the FAST views would you use to assess a patient with traumatic injuries”**
- 6. Demonstrates a knowledge of the 4 views and confidence in obtaining them**
RUQ, LUQ, subxiphoid cardiac, pelvis
- 7. “For each view please point out on the structures that you can identify and show me where you are looking for free fluid”**
-RUQ - Must be able to correctly identify kidney, liver, sweep interface, acceptable view of diaphragm
-LUQ - Must be able to correctly identify kidney, spleen, sweep interface, acceptable view of diaphragm
-Subxiph - Must be able to correctly identify liver, RV, LV, septum, pericardium
-Pelvic - Must be able to correctly identify bladder
- 8. If they fail to mention any one of the above structures then ask them to identify it.**
- 9. If unable to visualize the full interface or enough diaphragm they must recognize that the abdo component is indeterminate. If unable to visualize the full heart then the cardiac component is indeterminate.**
- 10. “How could you improve your image?”**
e.g. firm transducer pressure to displace bowel gas, bend knees, patient breathes in to see the heart, gain, etc
- 11. “What are the implications of a negative or indeterminate FAST scan?”**
Does not rule out intra-abdominal injury
- 12. “Please save an image or clip”**
- 13. Some physicians may want to incorporate the e-FAST views into this scan. This is appropriate. See competency F.**

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Name: _____ Assessor: _____ Date: _____

Logged Experience: number of scans (circle) 10 25 50+ Number: _____

Experience certified as evidenced by: _____ (signed by Assessor)

Competency component	Trainer's comments recorded during the assessment	Competent?
1. Preparation for the scan <i>Greet the patient appropriately and identify the patient. Demonstrate appropriate attitude and professional manner</i>		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Knowledge of core indications		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Positions the patient correctly and ensures an appropriate environment		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
2. The scan Sets up the equipment acceptably		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Probe selection, handling and scanning technique		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Demonstrates satisfactory RUQ views	KEY STEP	Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Demonstrates satisfactory LUQ views	KEY STEP	Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Demonstrates satisfactory pelvic views	KEY STEP	Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Demonstrates satisfactory pericardial views	KEY STEP	Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Thoroughness (complete interface)	KEY STEP	Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Efficiency / Speed of scan		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Saves/prints/documents (<i>As per local policy</i>)		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
3. Post scan Appropriate interpretation of the findings		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Result correctly integrated into clinical scenario		Yes <input type="checkbox"/> Prompted <input type="checkbox"/> No <input type="checkbox"/>
Self Assessment (circle) : A B C	Competency Level	
Guide	Level	Assessor (Print and Sign level)
Virtually no prompting required	A. Advanced / Instructor potential	
Some prompting required	B. Competent to scan and interpret findings independently	
Significant prompting required and/or Any KEY STEP requires prompting	C. Requires reassessment. If scanning alone cannot rely on negative findings	