

# Auckland Region ED Ultrasound Credentialing

## Competence Assessment

### EFAST Ultrasound

Candidate: \_\_\_\_\_

Assessor: \_\_\_\_\_

Date: \_\_\_\_\_

Assessment type:      Formative (feedback & teaching given)        
    Summative (prompts allowed, no teaching)     

To pass the summative assessment, the candidate must pass all components listed

		Performs	Prompted	Fail
<b>Prepare patient</b>				
	Informed consent			
	Positioning			
<b>Prepare environment</b>				
	Lights dimmed if possible			
<b>Data entry</b>				
	Enter patient details			
<b>Probe &amp; pre-set selection</b>				
	Can change transducer			
	Selects appropriate transducer			
	Selects appropriate pre-set			
<b>Image acquisition</b>				
	Optimisation (depth, gain)			
<b>LUNG</b>				
<i>Identifies:</i>	Rib			
	Pleura			
	Any comet tail artefact & B-lines			
	Lung sliding			
	Lung slide vs cardiac motion			
<i>Describes:</i>	Appearance of pneumothorax			
	Lung point sign			
	Assessment of pneumothorax size			
	Pneumothorax mimics			

**SUBCOSTAL\* (depending on view availability)**

*Identifies:* Liver  
Heart  
Pericardium

Performs	Prompted	Fail

*Describes:* Where pericardial fluid collects  
Fresh vs clotted blood  
Mimics of pericardial fluid  
(pericardial fat/pleural effusions)


**PARASTERNAL\* (depending on view availability)**

*Identifies:* Cardiac chambers  
Pericardium  
Descending aorta


*Describes:* Pleural vs Pericardial fluid

--	--	--

**RUQ**

*Identifies:* Lung  
Diaphragm  
Vertebral spine  
Liver (including inferior tip)  
Morrison's pouch  
Right Kidney  
Bowel


*Describes:* Appearance of fluid in each location

--	--	--

**LUQ**

*Identifies:* Lung  
Diaphragm  
Vertebral spine  
Spleen  
Splenoarenal recess  
Left Kidney  
Bowel/Stomach (if visible)


*Describes:* Appearance of fluid in each location

--	--	--

**Pelvis**

*Performs:* Transverse and Long views

--	--	--

*Identifies:* Pubic symphysis  
Bladder  
Prostate/Uterus  
Iliac vessels


*Describes:* Where peritoneal fluid collects  
Fresh vs clotted blood


**Artefacts**

Identifies & explains common artefacts

**Performs**

**Prompted**

**Fail**

--	--	--

**Record keeping**

Labels and stores appropriate images

Completes worksheet

Documents findings in patient notes

    Focused/limited scan

    Adequacy of views

    Findings

    Interpretation in clinical context


**Maintenance**

Cleans/disinfects ultrasound probe

Stores machine and probes correctly


**For Formative Assessment Only:**

Positive feedback: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Agreed actions for development: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Examiner Name: \_\_\_\_\_ Candidate Name: \_\_\_\_\_

Examiner Signature: \_\_\_\_\_ Candidate Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**EFAST Credentialing Requirements**

- Complete basic EFAST workshop including physics component
- 2 Formative scans
- 25 accurate EFAST scans logged and submitted (5 positive scans, at least 50% must be clinically indicated, up to 50% can be done in non-clinical environment)
- 1 Summative assessment (once formative and logbook completed)

**Ongoing Maintenance Requirements (over a 2 year cycle)**

- 3 hours of ultrasound training per year
- 25 EFAST scans