

Supplementary Material

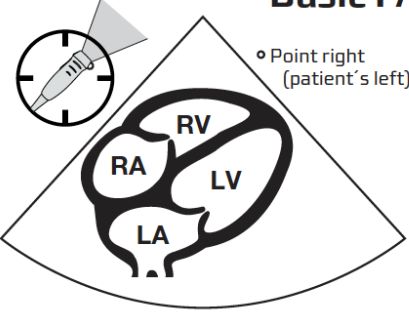
1. FATE Protocol Scanning Guide

regionmidtjylland **midt**

Focus Assessed Transthoracic Echo (FATE)

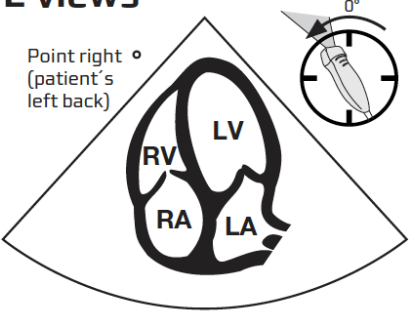
Scanning through position 1-4 in the most favourable sequence

Basic FATE views



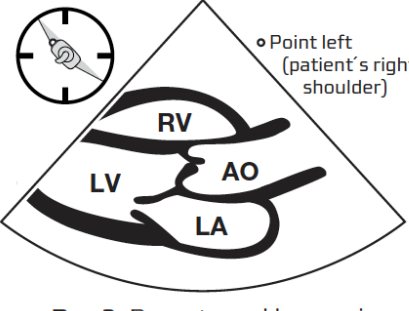
◦ Point right
(patient's left)

Pos 1: Subcostal 4-chamber



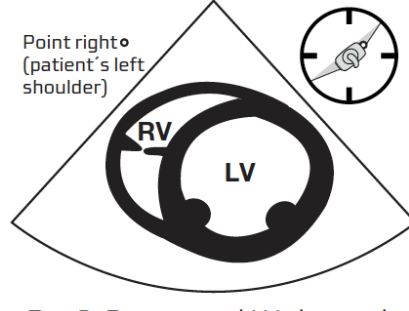
Point right ◦
(patient's left back)

Pos 2: Apical 4-chamber



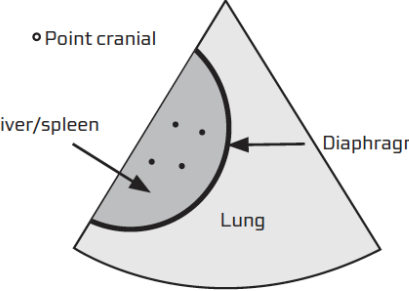
◦ Point left
(patient's right shoulder)

Pos 3: Parasternal long axis



Point right ◦
(patient's left shoulder)

Pos 3: Parasternal LV short axis



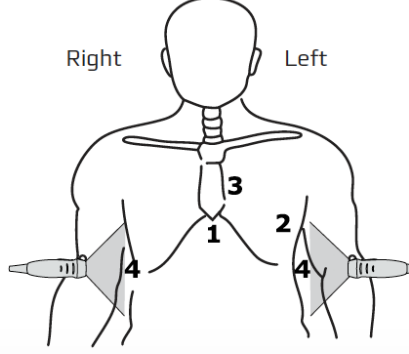
◦ Point cranial

Liver/spleen

Diaphragm

Lung

Pos 4: Pleural scanning



Right Left

3

1

2

4

4

2. FATE Observed Structured Clinical Exam (OSCE) Assessment Form
 (To be completed by the Evaluator observing the novice use of ultrasound)

Novice ID: _____

Evaluator Initials: _____

Instructions for FATE OSCE Evaluator

For each FATE view, the Evaluator reads the name of the view and the novice:

- a) Places the probe on the patient (Evaluator scores PO, OR)
- b) Adjusts the depth and gain and other machine settings to optimise the image
- c) Demonstrates knowledge of anatomy by pointing out relevant structures and relationships. (Evaluator scores AN)
- d) Interprets images appropriately (eg decreased ejection fraction with no pericardial effusion). (Evaluator scores IN)
- e) Freezes an image representative of findings and saves to USB flash drive. (Evaluator scores IM)

FATE Protocol Views	PO	OR	AN	IN	IM
Parasternal long axis (PLAX)					
Parasternal short axis (PSAX)					
Apical 4-chamber (Ap4-Ch)					
Subcostal 4-chamber					
Left pleural scan					
Right pleural scan					

OSCE Scoring System

PO: POsition

- 1=the probe was placed in the correct position on the patient's chest
- 0=the probe was placed in the incorrect position

OR: ORientation

- 1=the selection marker was pointing in the correct direction
- 0=the selection marker was not pointing in the correct direction

AN: ANatomy

- 3=correctly identified and named ALL structures pertinent to image
- 2=correctly identified and named SOME structures pertinent to image, did not know all
- 1=correctly identified and named some structures but INCORRECTLY identified or named others
- 0=could not identify or name pertinent structures or named them all incorrectly

IN: INterpretation

- 3=correctly interpreted images
- 2=was able to interpret MOST images
- 1=correctly interpreted SOME images
- 0=did not correctly interpret any images

IM: IMage quality

- 4=outstanding images, no suggestions for improvement
- 3=excellent images, minor suggestions for improvement
- 2=good images, acceptable for interpretation
- 1=poor images; some anatomy discernible but not sufficient for interpretation
- 0=no meaningful image generated; no discernible anatomy

3. FATE Study Outcome Form

Is the person filling this form a novice or expert in focused cardiac ultrasound? (tick as appropriate)

Novice/Expert _____

Initials (experts only):

Novice ID (novices):

Patient Study ID

FoCUS target	Present/Absent		
Reduced ejection fraction (EF)	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>
Hyperdynamic contractility	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>
Right ventricular dilatation	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>
Pericardial effusion	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>
Left pleural effusion	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>
Right pleural effusion	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>
Normal scan	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not sure <input type="checkbox"/>