

# Competency Assessment Heart Ultrasound (FICE)



	Name	GMC no	Job Title
Trainee			
Mentor 1			
Mentor 2			

Competence	Mentor signature
Checking patient's details/entry into machine as appropriate	
Confirmation of indication and check any supportive imaging	
Positioning of patient and machine ergonomically	
Selection of appropriate probe and optimisation of machine settings at each examination point	
Obtains optimised images at PLAX, PSAX, A4C and Subcostal windows	
Identifies anatomy in each window (chambers, walls, valves, great vessels, pericardium, lung)	
Comments accurately on adequacy of each view	
Demonstrates how, individually, sliding, tilting in long and short axes changes the views	
Identification of dilated LV (LVEDD >6cm)	
Identification of LV dysfunction - reduced wall thickening & motion (global & regional), MAPSE	
Identification of RV dysfunction (visual impression and TAPSE)	
Identification of dilated RV	
Identification of D shaped septum and paradoxical septal motion	
Identification of hyperdynamic heart	
Identifies, or able to describe, appearances of aortic dissection	
Identification of pericardial effusion	
Identification of pleural effusion	
Measures IVC accurately in 2D and M mode and identifies respiratory variation	
Performs exam in an appropriate way for the circumstances including an ALS compliant manner	
Knows when to seek expert assistance in a timely fashion	
Interprets findings with respect to cardiorespiratory support	
Correlates echo findings with clinical picture and takes appropriate action / inaction	
Attention to infection control with respect to procedure, patient and machine	
Adequate documentation and storage of images and scans as appropriate	
Informing patient and reporting findings to clinical team as appropriate	
Identification of whether a further scan or alternative imaging is indicated	
Cleaning of equipment and storage to minimise damage	