

Competency Assessment Lung Ultrasound

	Name	GMC no	Job Title
Trainee			
Mentor			
Supervisor			

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	
Performs scan with probe placed at upper, lower and postero-lateral points bilaterally with probe orientated longitudinally (cephalad-caudad)	
Identification of subcutaneous tissue, ribs and pleura	
Identification of pleural sliding in 2D and M mode	
Recognition of signs of pneumothorax (2D and M mode) including lung point sign	
Demonstration of lung pulse	
Identification of A lines and B lines	
Identification of normal diaphragm, liver and spleen	
Identification of consolidation / atelectasis	
Identification of interstitial syndrome	
Identification of pleural effusion	
Differentiation of pleural thickening and pleural effusion (including sinusoid sign)	
Differentiation of pleural effusion from sub-diaphragmatic fluid	
Description of appearances of transudate and exudate	
Demonstration of how volume of effusion may be estimated	
Use of ultrasound to identify appropriate site for drainage of effusion	
Demonstration of ultrasound guided thoracocentesis (doctors only)	
Performance of technique safely and effectively	
Attention to sterility with respect to procedure, patient and machine	
Adequate documentation and storage of images and scans as appropriate	
Informing patient and reporting findings where appropriate	
Identification of whether a further scan or alternative imaging is indicated	
Cleaning of equipment and storage to minimise damage	