

# Thoracentesis Assessment Tool (ThorAT)



**CAMES**

Copenhagen Academy for  
Medical Education and Simulation

		Questions:	Items:	No (0)	Yes (1)	
Domain 1: Patient positioning and local anaesthetic	"Describe how you prepare the area to start the procedure" "What position would you put the patient in?"		1) Explains appropriate patient positioning	<input type="checkbox"/>	<input type="checkbox"/>	
			2) Demonstrates correct handling of ultrasound equipment	<input type="checkbox"/>	<input type="checkbox"/>	
	"What location would you ideally insert a pigtail catheter and how would you locate this point?" Determines insertion site using ultrasound:		3) Identifies correct entry point	<input type="checkbox"/>	<input type="checkbox"/>	
			4) Uses strict aseptic technique	<input type="checkbox"/>	<input type="checkbox"/>	
	"Now please put in the L.A. Talk through what you are doing." When participant starts injecting L.A., ask "what volume would you give."		5) Uses adequate volume of LA	<input type="checkbox"/>	<input type="checkbox"/>	
			6) Inserts needle over superior border of rib	<input type="checkbox"/>	<input type="checkbox"/>	
			7) Infiltrates all layers esp. skin, pleura ± periosteum	<input type="checkbox"/>	<input type="checkbox"/>	
			8) Aspirates pleural space to confirm correct location and diagnosis	<input type="checkbox"/>	<input type="checkbox"/>	
	9)					
	Domain 2: Insertion of pigtail catheter	"Now could you please insert a pigtail catheter for a pneumothorax. Talk through what you're doing"		10) A small incision is made	<input type="checkbox"/>	<input type="checkbox"/>
			11) The pigtail catheter is passed through the chest wall and pleura	<input type="checkbox"/>	<input type="checkbox"/>	
While candidate is inserting the catheter, ask "What would you do if resistance is felt on passing the pigtail catheter?"			12) Explains what to do if resistance is felt on passing the pigtail catheter	<input type="checkbox"/>	<input type="checkbox"/>	
			13) Aspirates pleural space to confirm intrapleural placement of the pigtail catheter	<input type="checkbox"/>	<input type="checkbox"/>	
			14) Advances the catheter, while the guidewire and syringe is kept still in an unchanged position	<input type="checkbox"/>	<input type="checkbox"/>	
As participant inserts chest tube ask "How far would you insert the chest tube?"			15) Pigtail catheter inserted without excessive force	<input type="checkbox"/>	<input type="checkbox"/>	
			16) The guidewire is removed, without accidentally removing the pigtail catheter	<input type="checkbox"/>	<input type="checkbox"/>	
			17) Ensures all side holes of the tube are located in the pleural space	<input type="checkbox"/>	<input type="checkbox"/>	
Once chest tube is inserted, ask "How would you confirm the tube is in the pleural space"			18) Aspirates pleural space to confirm correct location	<input type="checkbox"/>	<input type="checkbox"/>	
			19) Connects the drain correctly to the drainage system	<input type="checkbox"/>	<input type="checkbox"/>	
			20) Removes the surgical aperture drape	<input type="checkbox"/>	<input type="checkbox"/>	
		21) Attaches the pigtail catheter to the patient with a patch	<input type="checkbox"/>	<input type="checkbox"/>		
22)						

Total points: