

Student Name:		Medical School:	Year:			
<b>Recording a 12-lead electrocardiogram (ECG)</b>		Self	Peer	Peer/ Tutor	Tutor	
Please can you perform a 12 lead ECG on this patient/manikin						
<b>Explains clinical indications and anatomy</b>	<ul style="list-style-type: none"> <li>● Identify rhythm disturbances</li> <li>● Diagnosis of various cardiac conditions (MI, ACS, cardiac failure)</li> <li>● Syncope</li> <li>● Electrolyte abnormalities</li> <li>● As part of an A-E assessment of a deteriorating patient</li> <li>● Demonstrates a knowledge of the anatomy of the heart, electrical conduction and lead placement for chest and limbs</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Explain recording a 12 lead ECG, including special situations and contraindication</b>	<ul style="list-style-type: none"> <li>● Discuss factors to consider in obtaining good quality ECG and trouble shooting</li> <li>● Aware of limb placement for dextrocardia (chest leads V3 – V6 on the right side)</li> <li>● Posterior lead placement (same transverse plane as V4)</li> <li>● Patient refusal</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Washes hands</b>	<ul style="list-style-type: none"> <li>● Hand wash with water and soap using the Ayliffe technique</li> <li>● PPE if appropriate</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Obtains informed consent</b>	<ul style="list-style-type: none"> <li>● Identifies correct patient</li> <li>● Introduces themselves</li> <li>● Gains informed consent</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Explains procedure to patient</b>	<ul style="list-style-type: none"> <li>● Explains the procedure to the patient in clear straight forward language including risks and benefits, the level of undress involved and use of adhesive electrodes. Explains chest electrodes – i.e. 4,5 and 6 need to be placed under breast tissue and on the chest wall.</li> <li>● Explains skin preparation</li> <li>● Explains that removal of electrodes may cause a little discomfort, hairy chests may need to be shaved, occasional haematoma may form with fragile skin</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>States they would take a chaperone</b>	<ul style="list-style-type: none"> <li>● GMC guidance recommends use of a chaperone who is a healthcare professional</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Demonstrates good communication skills</b>	<ul style="list-style-type: none"> <li>● Establishes patient's concerns or expectations.</li> <li>● Assessment throughout the procedure and encourages patient to ask questions</li> <li>● Gives reassurance as necessary</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<b>Demonstrates equipment and room preparation</b>	<ul style="list-style-type: none"> <li>● Equipment should be safe, clean and ready to use with correct date and time settings</li> <li>● Checks standard ECG setting: paper speed (25mm/sec) and voltage gain (10mm/mV)</li> <li>● Demonstrates knowledge and</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

	<ul style="list-style-type: none"> <li>● indication for the 'filter' function</li> <li>● Ensures the room is private, quiet and comfortable</li> </ul>				
<b>Demonstrates procedure</b>	<ul style="list-style-type: none"> <li>● Performs skin preparation</li> <li>● Places patient in a semi-recumbent position if possible. Variations from this position should be recorded on the ECG</li> <li>● Places limb electrodes correctly</li> <li>● Places chest electrodes correctly</li> <li>● Turns ECG machine on and enters patient's details.</li> <li>● Asks patient to relax and lie as still as possible while recording is being taken.</li> <li>● Checks ECG screen to ensure good quality trace before pressing the appropriate button to commence recording.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Explains post-procedure management</b>	<ul style="list-style-type: none"> <li>● Ensures printed recording is clearly labelled with patient's details, date and time. Also includes diagnostic information and deviations to standard recording.</li> <li>● Seeks senior help immediately if patient complains of chest pain or has arrhythmias.</li> <li>● Removes electrodes.</li> <li>● Discards waste appropriately.</li> <li>● Thanks patient.</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Professionalism</b>	<ul style="list-style-type: none"> <li>● Communicates to team members</li> <li>● Thanks staff</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Overall ability to perform procedure</b>	<ul style="list-style-type: none"> <li>● Assess globally, would you be happy for this student to be supervised to perform a 12 lead ECG</li> </ul>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Self-assessed as at least pass:</b>	Signature: _____ Date: _____	F P E	F P E	F P E	F P E
<b>Peer-assessed ready for tutor assessment:</b>	Signature: _____ Date: _____	F P E	F P E	F P E	F P E
<b>Tutor assessed:</b>	Signature: _____ Date: _____	F P E	F P E	F P E	F P E
<b>Notes:</b>					
<p><b>F = Fail    B = Borderline    S = Satisfactory    G = Good    E = Excellent</b></p>					