

Subject Topic	C3 - Cardiac Care Skills I Skills relevant to assessment of patient with chest pain
Framework Profile	
Associated E-Learning or Webinar tutorials	How to take a BP – manual and automatic How to perform a 12 lead ECG Interpreting the 12 lead ECG
Simulation learning objectives	<ul style="list-style-type: none"> • Manual BP • NIBP • Performing a 12 Lead ECG • Application of continuous ECG monitoring • Basic interpretation of an ECG • Basic cardiac lab tests • Management of symptoms • O2 therapy; fluids, pain • Escalation
Target Group	Nurse and medical students, new starters
Delivery method	Pause and Discuss Scenarios
Timeframe	60 minutes

This project was possible due to funding made available by Health Workforce Australia

<p>Resources for session</p>	<p>Projector screen & computer EdWISE Video conferencing unit SIMMAN mannequin or actors (one male and one female) to play the “patients” Moulage/make-up for shingles rash and bruising Large laminated version of the Australian Triage Scale Smaller A4 versions of the Australian Triage Scale (with reference to chest pain). Set up as per host site’s triage area, for example:</p> <ul style="list-style-type: none"> • Table • Chairs • Observation charts • Pen and Paper • NIBP machine • Saturations monitor • Gloves • Trolley for Mannequin to lie on if being used • Mannequin if being used for patient (SIMMAN 3G) <p>Faculty member to play another member of the ED team to take hand over at the end of each scenario Appropriate chairs set out so that all participants can see and hear the video-conferencing unit. They must also all be able to be heard by the facilitating team – positioning of the microphone is important.</p>
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Session Structure - EdWISE PROGRAM – Cardiac Module 3		
Timing	Welcome and Introduction	Resource
5 mins	<p><i>Welcome and Introduction</i></p> <ul style="list-style-type: none"> • Provide Housekeeping – Fire Exits, mobile phones on vibrate • Provide a summary of what the workshop will involve and the expectations from the participants • Introduce yourselves - facilitation team, host team and participants. Include experience of cardiac patients <p>If this is not the first module run on that day, the participants are the same and this has been covered previously, then this section can be missed out.</p>	<p>Video conferencing unit Enough seats for the participants and arranged in a horseshoe facing the VC unit and camera. Led by the team over VC but with host team supplying information on the fire exits/toilets/etc.</p>

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Timing	Familiarisation to Mannequin & equipment	
2.5 mins	Introduce students to mannequin & capabilities	Local faculty to familiarise the students to the environment/ mannequin/actors. Can use the familiarisation video, to guide the local faculty, if needed.
Timing	Introduction to Pause and Discuss Scenarios	
2.5 mins	<p>Brief introduction to the concept of Pause and Discuss scenarios as a method for skills development.</p> <p>This method allows the facilitator to pause the scenario and review the skills performed as the scenarios progress. Brief explanations and demonstrations with local faculty may be required, depending on the skill level of the participants.</p> <p>The scenarios will need to be run at a level appropriate for the participant group.</p> <p>Some groups will focus on taking BPs and ECGs, others will be more focused on the higher level skills of interpretation and variations to practise.</p> <p>Mixed groups may have the more experienced staff assisting the junior staff in these skills.</p>	

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Timing	Simulation
15 mins	<p>Presentation of simple chest pain patient – pain resolved</p> <p>Patient arrives, onto monitor, BP, 12 lead ECG, hand over to medical staff</p> <p>Pause and discuss points – taking BP – manual vs automatic, simple 12 lead ECG, Handover.</p> <p>Participants may practise these skills on each other.</p>
Timing	Simulation
15 mins	<p>Presentation of Chest pain, pain ongoing – NSTEMI</p> <p>Patient arrives, onto monitor, BP, 12 lead ECG, Insertion of IVC/blood tests, Analgesia to request from medical staff</p> <p>Pause and Discuss points – Above, plus for more senior group - Early investigations in chest pain – Handover ECG and investigations to senior</p>
Timing	Simulation
15 mins	<p>Presentation of chest pain – Inferior infarction</p> <p>Patient arrives onto monitor, BP, 12 lead ECG, insertion of IVC,Bloods, Early management of chest pain – analgesia, aspirin, Recognition of abnormal ECG, Handover to medical staff, When do to bilateral BPs, For more senior group Right sided/Posterior ECGs</p> <p>Pause and Discuss – Bilateral BPs, Recognition of abnormal ECGs, Other ECGs</p>

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Timing	Summary
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5 mins	
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