C3 — Cardiac Care Skills I Updated 03/08/2012

Subject Topic	C3 - Cardiac Care Skills I Skills relevant to assessment of patient with chest pain
Framework Profile	
Associated E-Learning or	How to take a BP – manual and automatic
Webinar tutorials	How to perform a 12 lead ECG Interpreting the 12 lead ECG
Simulation learning objectives	 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







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Resou		

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:

- 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)

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.









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Session Structure - EdWISE PROGRAM - *Cardiac Module 3*

Timing	Welcome and Introduction	Resource
5 mins	Welcome and Introduction	Video conferencing unit
	Provide Housekeeping – Fire Exits, mobile phones on vibrate	Enough seats for the
	 Provide a summary of what the workshop will involve and the expectations from the participants 	participants and
	Introduce yourselves - facilitation team, host team and participants. Include experience of cardiac patients	arranged in a horseshoe
	If this is not the first module run on that day, the participants are the same and this has been covered previously, then	facing the VC unit and
	this section can be missed out.	camera.
		Led by the team over VC
		but with host team
		supplying information
		on the fire
		exits/toilets/etc.









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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	Brief introduction to the concept of Pause and Discuss scenarios as a method for skills development. 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.		
	The scenarios will need to be run at a level appropriate for the participant group. Some groups will focus on taking BPs and ECGs, others will be more focused on the higher level skills of interpretation and variation. Mixed groups may have the more experienced staff assisting the junior staff in these skills.		





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

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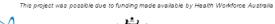






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5 mins	









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