

EdWISE Lesson Plan – Cardiac Module – C2 Initial Assessment and Management of Chest Pain

Last Updated July 30 2012

Subject Topic	EdWISE PROGRAM - OUTLINE OF C2 SIMULATION MODULE	
	(Initial Assessment and Management of Chest pain)	
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Framework Profile	Programme: EdWISE	
Associated E-Learning	Coming soon – Learning and Webinars	
or Webinar tutorials	Basic cardiac chest pain assessment skills	
	Stratification of ischaemic chest pain to low, intermediate and high risk	
	Pain management	
Simulation learning objectives	Approach to initial assessment of chest pain	
	Basic cardiac chest pain history	
	Simple classification of causes of chest pain	
	Characteristic symptoms of patients presenting with chest pain	
	Stratification of ischaemic chest pain to low, intermediate and high risk	
	Relevant investigations	
	Management of symptoms	
	• O ₂ therapy, fluids, pain	
	Early recognition of STEMI and activation of pathway	
	• Escalation	
Target Group	Nursing and medical students as well as new graduate doctors and nurses	
Delivery method	Facilitated discussion, PowerPoint presentation and scenario based assessment utilising high fidelity mannequin.	
Timeframe	60 mins	









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Resources for session

Projector screen & computer

EDWISE Video conference unit

SIMMAN mannequin and monitoring

Oxygen – piped or cylinder

Oxygen masks – Nasal prongs, Hudson mask and Non re-breath masks should be available

Stethoscope x 2

ECG leads

Stickers for 12 lead ECG

Laminated FCG

Aspirin

Clopidogrel

GTN spray or tablet

Crystalloid (0.9% NaCl or Hartmann's 1000ml)

Selection of giving sets

50ml syringe (participants may decide to give IV GTN) Labelled with GTN

Local chest pain resources and documentation









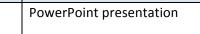
Main Topic Presentation

Timing

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Session Structure - EdWISE PROGRAM - CARDIAC SIMULATION MODULE - C2 **Timing** Welcome and Introduction Resource 5 mins Welcome and Introduction Video conferencing unit Enough seats for the participants Provide Housekeeping – Fire Exits, mobile phones on vibrate and arranged in a horseshoe facing 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 the VC unit and camera. Led by the team over VC but with patients host team supplying information on (If this is not the first module run on that day, the participants are the same and this has been covered the fire exits/toilets/etc. previously, then this section can be missed out.)

Structured approach to assessment and management of cardiac chest pain









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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	Simulation 1	
15 mins	Participant Briefing Cassius Clay (same scenario from C1), a 45-year-old man has self-presented to the ED with Chest pain. He has been triaged as a category 2 patient and is awaiting your review in resus. Pause and Discuss Incorporates initial assessment and management Identification of STEMI and appropriate management	
Timing	Debrief	
10 mins	Clinical Issues Triage category chosen Assessment of the patient with Chest pain Identification and initial management of STEMI Introduce a team approach	
Timing	Summary	
5 mins	 Summarise key messages from session; Use of structured approach Risk stratification of cardiac chest pain 	









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