

<b>Subject Topic</b>	<b>EdWISE PROGRAM - OUTLINE OF C7 Arrhythmias and Team Work</b>	
<b>Framework Profile</b>	<b>Programme:</b> EdWISE <b>Module Number:</b> C7 Arrhythmias and Team Work	
<b>Associated E-Learning tutorials</b>		
<b>Simulation learning objectives</b>	<ul style="list-style-type: none"> <li>• Discuss skills required to function as a team</li> <li>• Review the structured approach to arrhythmia management</li> <li>• Practice treatment of the critically ill patient in a team environment</li> <li>• Demonstrate effective communication skills</li> </ul>	
<b>Target Group</b>	Medical and Nursing Staff	
<b>Delivery method</b>	PowerPoint presentation with scenarios – <b>Host site need to pick 2 of the 3 scenarios as there is not enough time for all 3 with debriefing.</b>	
<b>Timeframe</b>	60 mins	
<b>Resources for session</b>	Projector screen & computer Video conference unit SIMMAN 3G mannequin Whiteboard Oxygen – piped or cylinder Oxygen masks – Hudson, Venturi, Non-rebreather, Nasal Prongs	Defibrillator and Pads NIBP, Saturation Probe Gloves and PPE IV Cannulae, Blood tubes, Gas syringe Syringes with stickers IVF with giving sets Minijets – adrenalin, amiodarone, glucose,

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Session Structure - EdWISE PROGRAM – C7 – Arrhythmias and Teamwork		
Timing	Welcome and Introduction	Resource
5 mins	<p><i>Welcome and Introduction</i></p> <ul style="list-style-type: none"> <li>• Provide Housekeeping – Fire Exits, mobile phones on vibrate</li> <li>• Provide a summary of what the workshop will involve and the expectations from the participants</li> <li>• Introduce yourselves - facilitation team, host team and participants. Include experience of cardiac patients</li> </ul> <p><b>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.</b></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>
Timing	Familiarisation to Mannequin & equipment	
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.

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<b>Timing</b>	<b>Power Point Presentation</b>	
10 mins	PowerPoint Presentation Reviews material of C4, C5 and C6 Introduces concepts of Team Skills	PowerPoint
<b>Timing</b>	<b>Simulation</b>	
10 mins	Michael Jackson 50-year-old man, BIBA with a decreased GCS from home. His father found him unresponsive in bed with a bag of blue pills. He has no significant past medical history. He has been put into resus and you have been asked to review this patient.	
<b>Timing</b>	<b>Debrief</b>	
7.5 mins	<p>Rapid assessment and management of a patient with drug poisoning</p> <p>Recognition of an unstable arrhythmia</p> <p>Reassessment</p> <p>Management of Digoxin overdose, differences between acute vs. chronic overdose</p> <p>Management of the complications of Digoxin overdose – hyperkalemia, acute renal failure</p> <p>Communication with patient and staff/team</p> <p>Situational awareness – deteriorating patient – need for cardiology/toxicology/senior review</p> <p>Management of their team, role allocation</p>	

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Timing	Simulation
10 mins	<p>Kelvin Kline</p> <p>70-year-old man BIBA following a syncopal episode at home. He has a history of AMI, CCF and a pacemaker insertion. The triage person has put him into Resus and you have been asked to review this patient.</p>
Timing	Debrief
7.5 mins	<p>Rapid assessment and management of a patient with a severe bradyarrhythmia</p> <p>Causes of bradyarrhythmia</p> <p>Recognition of deterioration in patients condition</p> <p>Management differences in stable vs. unstable bradyarrhythmias</p> <p>Managing unfasted patients for procedural sedation</p> <p>Communication with patient and staff/team</p> <p>Situational awareness – deteriorating patient – need for cardiology/senior review</p> <p>Management of their team, role allocation</p>

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<b>Timing</b>	<b>Simulation</b>
10 mins	<p>Minne Moose</p> <p>50-year-old woman presents with left sided chest pain and SOB for the last 2 days. She is on holiday from Brisbane. She has a history of metastatic breast cancer and has recently finished a course of chemotherapy. She has been triaged into an acute bed and her friend is out in the waiting room. You have been asked to review her</p>
<b>Timing</b>	<b>Debrief</b>
7.5 mins	<p>Rapid assessment and management of a patient with chest pain</p> <p>Advanced Life Support</p> <p>PE – issues with thrombolysis in this patient</p> <p>Cessation of CPR</p> <p>Communication with patient and staff/team</p> <p>Situational awareness – deteriorating patient – need for respiratory/oncology/senior review</p> <p>Dealing with difficult NOK and clarifying advanced care directive</p> <p>Management of their team, role allocation</p>
<b>Timing</b>	<b>Summary</b>
5 mins	<p>Management of malignant arrhythmias requires a structured approach</p> <p>Apply the Stable vs. Unstable rule</p> <p>The cause and co-morbidities should be considered in the context of the event</p> <p>Effective Communication is essential for effective teamwork</p>

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