

Subject Topic	EdWISE PROGRAM - OUTLINE OF AIRWAY SIMULATION MODULE
Framework Profile	Programme: EdWISE Module A3: Case Management
Associated E-Learning tutorials	•
Simulation learning objectives	<ul style="list-style-type: none"> • Preparation for safe endotracheal intubation • How to perform RSI including drugs used • Case management: Intubation in patient with head injuries • Case management: De-saturation of the intubated patient
Target Group	Medical and nursing staff
Delivery method	Brief power point and facilitated discussion. Two immersive scenarios utilising the high fidelity SIMMAN essentials and faculty actor
Timeframe	60 mins
Resources for session	EdWISE Airway Box and Extras Laminated IMIST AMBO Handover x 2

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

Session Structure - EdWISE PROGRAM – AIRWAY SIMULATION MODULE A3		
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>
Timing	Main Topic Presentation	
15 mins	<p>PowerPoint presentation going through the preparation required to proceed with RSI, structured approach on how to perform RSI, how to approach the de-saturating patient and looking at the CMAC video laryngoscope</p>	<p>PowerPoint presentation</p>

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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.
Timing	Simulation – Scenario 1	
8 mins	<p>Participant Briefing</p> <p>Vinnie Jones, a 50 year old man with chronic ETOH abuse, is BAT called in after a significant head injury with a GCS of 7. He was hit over the head in a bar fight and lost consciousness a few minutes later.</p> <p>Scenario outline</p> <p>Vinnie has a significant head injury and initially has a GCS of 7. He drops his GCS and develops a blown pupil. He must be intubated to prevent secondary brain injury and protect his airway and taken to the CT for a scan of his brain and C-spine</p>	
Timing	Debrief – Scenario 1	
Timing	Simulation – Scenario 2	
8 mins	<p>Participant Briefing</p> <p>Vinnie Jones is a 50 year old man who has been intubated in the ED after he presented with a significant head injury. He is waiting for transfer to the CT scan when he is noted by the nurse looking after him that his saturations have dropped. You have been asked to see him</p> <p>Scenario outline</p> <p>Whilst Vinnie has been waiting for transfer to the CT scan, the ETT has become dislodged and he has de-saturated. A systematic approach to find out the cause of the desaturation must be devised and steps taken to improve his oxygenation to prevent secondary brain injury</p>	
Timing	Debrief – Scenario 2	

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7 mins	Address and maximum of 3 points * = suggested Key clinical issues (Pick a maximum of 2 points * = suggested) <ul style="list-style-type: none"> • Systematic approach to de-saturation in the intubated patient* • Recognition of a dislodged tube* • Time critical intubation in patient with head injury • Management of head injury
Timing	Summary
5 mins	<ul style="list-style-type: none"> • Preparation for safe endotracheal intubation • Structured approach to de-saturation in an intubated patient • Management and RSI in a patient with suspected head injuries • Thank the host team and the team at SCSSC

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