

<b>Subject Topic</b>	<b>EdWISE PROGRAM - OUTLINE OF T2: Initial assessment and management of the trauma patient SIMULATION MODULE</b>
<b>Framework Profile</b>	<b>Programme:</b> EdWISE <b>T2: Initial Assessment and Management of the Trauma Patient</b>
<b>Associated E-Learning tutorials</b>	<ul style="list-style-type: none"> <li>• Initial assessment and management of the trauma patient</li> <li>• Interpretation of trauma series X-rays</li> <li>• The secondary and tertiary survey and associated imaging and documentation</li> <li>• The 7 non-technical team tasks</li> <li>• Initial assessment and management of the trauma patient</li> </ul>
<b>Simulation learning objectives</b>	<ul style="list-style-type: none"> <li>• To review preparation for the trauma patient</li> <li>• To discuss the initial assessment of the trauma patient</li> <li>• The primary survey</li> <li>• The AMPLE history</li> <li>• Secondary survey</li> <li>• To consider the investigations required in early trauma assessment</li> <li>• To rehearse the 7 non-technical team tasks</li> </ul>
<b>Target Group</b>	Medical and nursing students and early postgraduates
<b>Delivery method</b>	PowerPoint presentation covering the structured approach to the trauma patient and the primary survey. As a part of the presentation participants engage in a pause and discuss scenario covering this approach. An immersive simulation scenario allowing other participants to practice this approach follows this.
<b>Timeframe</b>	60 mins
<b>Resources for session</b>	EdWISE Trauma box and Extras X-rays – Lateral C-spine (normal) AP chest normal Normal pelvis X-ray 12 lead ECG – sinus tachycardia.

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Session Structure - EdWISE PROGRAM – TRAUMA SIMULATION MODULE T2		
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 trauma patients</li> <li>• SCSSC team to write down names and positions of participants and host faculty</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. This can give more time to the simulation and debrief.</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	Main Topic Presentation	
25 mins	<p>PowerPoint presentation covering a systematic approach to the preparation for; the assessment and management of the trauma patient. The presentation also looks at taking an AMPLE history within the ED setting. The DRS AcBCDE approach to the trauma patient is covered with interaction from the participants within a pause and discuss scenario.</p>	<p>PowerPoint presentation</p>

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<b>Timing</b>	<b>Familiarisation to Mannequin &amp; Equipment</b>
5 mins	Introduce students to mannequin & capabilities
<b>Timing</b>	<b>Simulation Scenario</b>
10 mins	<p><b>Participant Briefing</b></p> <p>BAT CALL</p> <p>56 year old man</p> <p>Fall from ladder 2.5 m with 1 minute loss of consciousness.</p> <p>Left leg and rib pain</p> <p>HR 110, BP 160, Sats 94%</p> <p>2x IVC, morphine, metoclopramide</p> <p>ETA 1 minute</p> <p><b>Scenario Outline</b></p> <p>John Grisham, 56 year old, hypertensive, smoker, 56-year-old man. He fell from a ladder whilst clearing his gutters with 1-minute loss of consciousness. Minor injury to head, chest and lower limbs. Fractured ribs and bruising to head and left hip.</p>
<b>Timing</b>	<b>Scenario Debrief</b>
10 mins	<p>Address and maximum of 3 points * = suggested</p> <p><b>Key clinical issues (Pick a maximum of 2 points * = suggested)</b></p> <ul style="list-style-type: none"> <li>• Systematic DRS AcBCDE approach to the trauma patient *</li> <li>• C-spine control in patients with injury above and below the neck – also head injury with LOC! *</li> <li>• Importance of monitoring and oxygen therapy</li> <li>• Importance of judicious use of analgesia</li> </ul> <p><b>Key non-technical issues (Maximum of 2 points!)</b></p> <ul style="list-style-type: none"> <li>• Role allocation</li> <li>• Closed loop communication</li> <li>• Situational awareness and voicing this to team</li> </ul> <p><small>This project was possible due to funding made available by Health Workforce Australia</small></p>

• Summaries

Timing	Summary
5 mins	<ul style="list-style-type: none"><li>• DRS-AcBCDE approach to the trauma patient and AMPLE history</li><li>• Simultaneous assessment, investigation and management of the trauma patient</li><li>• Introduction to teamwork principles</li><li>• Thank the host team and the team at SCSSC</li></ul>

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