

Subject Topic	EdWISE PROGRAM - OUTLINE OF TRAUMA SIMULATION MODULE
Framework Profile	Programme: EdWISE T1: Trauma Triage
Associated E-Learning tutorials	<ul style="list-style-type: none"> • NSW trauma services network • The “trauma journey”
Simulation learning objectives	<ul style="list-style-type: none"> • The triage of the trauma patients pre-hospital and in hospital triage • The handover of trauma patients – Ambulance service to EDs and within the hospital • Brief overview of NSW trauma services
Target Group	Nursing and medical students as well as new postgraduates
Delivery method	An interactive presentation followed by 3 short scenarios involving the triage of trauma patients
Timeframe	60 mins
Resources for session	EdWISE Trauma box and extras Hard long board/Pat Slide Oxygen delivery devices Oxygen cylinders/ wall oxygen with flow meter Cervical spine collar to fit mannequin and/or actors Equipment as per triage at host hospital – NIBP machine or sphygmomanometer with stethoscope, saturations probe, temperature probe Australasian Triage Scale – Laminated copy Ambulance Trauma Triage MIST sheet – Laminated Copy Generic Trauma team activation chart – Laminated copy Host site’s trauma team activation chart instead of above Triage paperwork as per host site’s usual Blood soaked gauze for moulage.

Session Structure - EdWISE PROGRAM – TRAUMA SIMULATION MODULE: T1		
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	
10 mins	<p>A short presentation covering the triage of trauma patients by:</p> <ul style="list-style-type: none"> • The ambulance service • In the ED • To activate a trauma call <p>The presentation also gives a brief overview of the NSW trauma services network and the important concept of transporting the patient to the most appropriate facility quickly and safely.</p>	<p>PowerPoint presentation</p>

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Timing	Familiarisation to Mannequin & equipment	
5 mins	<p>Introduce students to mannequin & capabilities</p> <p>Discuss the role of pause and discuss scenarios in this session – the scenario will begin and progress to a point where the facilitator will stop for discussion of the scenario. At this time pause where the scenario is at, discuss the points to be made and then restart the scenario. This pause may be for many reasons, which will generate discussions based on the learning points of the scenario.</p> <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>Local faculty to familiarise the students to the environment/ mannequin/actors. Can use the familiarisation video, to guide the local faculty, if needed.</p>
Timing	Simulation – Scenario 1 Stephen King	
10 mins	<p>Participant Briefing BAT Phone Please answer the phone and prepare for the ambulance arrival.</p> <p>Scenario outline Stephen King, 74-year old male, who has had a fall from a ladder while cleaning out his gutter. He has landed on his right side hitting his head and sustained a right humeral fracture. He also has a haematoma to the right parietal head and is complaining of cervical tenderness around C6. He has a subdural haematoma and has dropped his GCS from 15 to 12 on arrival at hospital. Patient is on warfarin. The scenario will run with the BAT call, preparation and planning, followed by the arrival of the patient.</p> <p>A pause and discuss scenario where the participant needs to prepare for the arrival of the patient (call the trauma team or assemble a team, call for help and/or think about equipment and skills needed. The participant can pick team members from the other participants and then organise that team. Once the patient arrives the participant should triage them according to the ATS. Debriefing occurs within this time, during the pauses</p>	

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Timing	Simulation – Scenario 2 Taylor Swift
8 mins	<p>Participant Briefing Taylor Swift has just arrived at triage. Please triage Taylor.</p> <p>Scenario Outline Taylor Swift, 36 year old, self presenting to the emergency department. Whilst helping a friend move house slipped over carrying a glass coffee table. They fell down 2 stairs landing on his buttocks. The glass cracked and Taylor was hit in the chest with the cracked glass. The right chest was bleeding, but this has slowed after gauze was placed on it. Taylor has sustained 2 rib fractures and a haemo-pneumothorax that is becoming worse and on arrival is complaining severe pain of the right chest with increasing shortness of breath. Taylor should be transferred to the resuscitation bay. Scenario ends when trauma team receives the handover from the triage nurse.</p> <p>This scenario is for one or two participants to triage the trauma patient as per the ATS. Once a decision has been made on the triage category the participants should be encouraged to handover to another person, the simulation then stops and we head into the debrief.</p>
Timing	Debrief – Scenario 2 Taylor Swift
5 mins	<p>Pick 2 topics to discuss, keep to time!!</p> <p>Structured approach to assessment and identification of deterioration.</p> <p>Allocation of appropriate triage category based on ATS descriptors.</p> <p>Identification of trauma based on generic team activation tool and decision to activate trauma services or rapid response.</p> <p>Discussion about level of trauma care and services needs for definitive care.</p> <p>Transfer or retrieval based on level of hospital.</p>

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Timing	Simulation – Scenario 3 Charlene Harris
8 mins	<p>Participant Briefing Charlie Sheen has been brought in by the ambulance service. Please triage Charlie.</p> <p>Scenario Outline Charlie Sheen, 26 year old, riding scooter at 30km/hr around a corner when lost control and fell off bike. Was wearing helmet and leather jacket, but landed on the right side of the head with brief LOC. Ambulant since accident, but with pain to the left leg. Brought in by ambulance vitally stable, GCS 15, with collar in situ. Scenario ends when triaged appropriately and decision made about trauma activation.</p> <p>This scenario is for one or two participants to triage the trauma patient as per the ATS. Once a decision has been made on the triage category the participants should be encouraged to handover to another person, the simulation then stops and we head into the debrief.</p>
Timing	Debrief – Scenario 2 Dean
5 mins	<p>Pick 2 topics to discuss, keep to time!!</p> <p>Allocation of appropriate triage category as per descriptors in the ATS. Discussion about traumatic mechanism and trauma activation</p>
Timing	Summary of Session
4 mins	<p>We covered:</p> <ul style="list-style-type: none"> • The triage of the trauma patients pre-hospital and in hospital triage • The handover of trauma patients – Ambulance service to EDs and within the hospital • Brief overview of NSW trauma services

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