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| <b>Subject Topic</b>                              |  |
| <b>Framework Profile</b>                          | <b>Programme:</b> EdWISE<br><b>Module P7: Case management 2</b>  |
| <b>Associated E-Learning or Webinar tutorials</b> | Link to E-learning CPG's Head Injury   |
| <b>Simulation learning objectives</b>             | <ul style="list-style-type: none"> <li>• Discuss the structured approach to a paediatric trauma patient</li> <li>• Demonstrate principles of trauma management</li> <li>• Review key components for effective team work</li> </ul> |
| <b>Target Group</b>                               | Junior Nursing and Medical Staff   |
| <b>Delivery method</b>                            | Power Point presentation and simulated learning session  |
| <b>Timeframe</b>                                  | 60 minutes   |
| <b>Resources for session</b>                      | EdWISE Paediatric Box<br>Zara or Marvin Mannikin<br>Video Conferencing link up   |

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| Session Structure - EdWISE PROGRAM – P7 Case management Series 2 |  |   |
|--|--|---|
| 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</p> <p>Enough seats for the participants and arranged in a horseshoe facing the VC unit and camera.</p> <p>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  | <ul style="list-style-type: none"> <li>• Discuss the structured approach to a paediatric trauma patient</li> <li>• Demonstrate principles of trauma management</li> <li>• Review key components for effective team work</li> </ul>   | PowerPoint presentation   |
| Timing   | Familiarisation to Mannequin & equipment   |   |
| 5 mins   | <p>Introduce students to mannequin &amp; capabilities</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>   |   |

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| Timing  | Simulation   |   |
|---------|--|---|
| 15 mins | <p><b>BAT CALL</b></p> <p>6 year old boy Ped vs Car<br/>Head injury with LOC, abdominal bruising<br/>HR 120, SBP 95, RR 30, GCS 13<br/>IV access and Collar<br/>ETA 3 minutes</p>  | <p><b>OR</b></p> <p><b>BAT CALL</b></p> <p>4 month old girl<br/>Seizure activity, self limiting<br/>HR 140, RR 30, Sats 95% GCS 3<br/>Nil treatment<br/>ETA 3 minutes</p> |
| Timing  | Debrief  |   |
| 20 mins | <p>Structured approach to assessment of the paediatric head injured patient<br/>Management of seizures and raised ICP in head injury.<br/>Rapid sequence induction in head injury<br/>OR<br/>Structured approach to the paediatric patient with multitrauma.<br/>Management of the shocked paediatric patient &amp; fluid resuscitation.</p> | <p>Planning, preparation and trauma team role allocation<br/>Communication with parent during critical events.<br/>Communication with external resources.</p>             |
| Timing  | Summary  |   |
| 5 mins  | <ul style="list-style-type: none"> <li>• ABCDE – structured approach to a paediatric trauma emergency</li> <li>• Preparation involves anticipation of staff, areas, equipment and medication</li> <li>• Communication is essential for effective teamwork</li> </ul>   |   |

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