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| <b>Subject Topic</b>                              | <b>EdWISE PROGRAM - OUTLINE OF C2 SIMULATION MODULE</b><br>(Initial Assessment and Management of Chest pain)   |
| <b>Framework Profile</b>                          | <b>Programme:</b> EdWISE   |
| <b>Associated E-Learning or Webinar tutorials</b> | Coming soon – Learning and Webinars <ul style="list-style-type: none"> <li>• Basic cardiac chest pain assessment skills</li> <li>• Stratification of ischaemic chest pain to low, intermediate and high risk</li> <li>• Pain management</li> </ul>   |
| <b>Simulation learning objectives</b>             | <ul style="list-style-type: none"> <li>• Approach to initial assessment of chest pain</li> <li>• Basic cardiac chest pain history</li> <li>• Simple classification of causes of chest pain</li> <li>• Characteristic symptoms of patients presenting with chest pain</li> <li>• Stratification of ischaemic chest pain to low, intermediate and high risk</li> <li>• Relevant investigations</li> <li>• Management of symptoms</li> <li>• O<sub>2</sub> therapy, fluids, pain</li> <li>• Early recognition of STEMI and activation of pathway</li> <li>• Escalation</li> </ul> |
| <b>Target Group</b>                               | Nursing and medical students as well as new graduate doctors and nurses  |
| <b>Delivery method</b>                            | Facilitated discussion, PowerPoint presentation and scenario based assessment utilising high fidelity mannequin.   |
| <b>Timeframe</b>                                  | 60 mins  |

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| <b>Resources for session</b> | Projector screen & computer<br>EDWISE Video conference unit<br>SIMMAN mannequin and monitoring<br>Oxygen – piped or cylinder<br>Oxygen masks – Nasal prongs, Hudson mask and Non re-breath masks should be available<br>Stethoscope x 2<br>ECG leads<br>Stickers for 12 lead ECG<br>Laminated ECG<br>Aspirin<br>Clopidogrel<br>GTN spray or tablet<br>Crystalloid (0.9% NaCl or Hartmann’s 1000ml)<br>Selection of giving sets<br>50ml syringe (participants may decide to give IV GTN) Labelled with GTN<br>Local chest pain resources and documentation |
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| Session Structure - EdWISE PROGRAM - CARDIAC SIMULATION MODULE – C2 |   |   |
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| 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>(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</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   |   |
| 20 mins   | <p><i>Introduce learning objectives for C2 module: Deliver tutorial</i></p> <ul style="list-style-type: none"> <li>• Introduction to simulation &amp; confidentiality</li> <li>• Structured approach to assessment and management of cardiac chest pain</li> </ul>  | <p>PowerPoint presentation</p>  |

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| <b>Timing</b> | <b>Familiarisation to Mannequin &amp; equipment</b>   |   |
| 2.5 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. |
| <b>Timing</b> | <b>Simulation 1</b>   |   |
| 15 mins       | <p><b>Participant Briefing</b></p> <p>Cassius Clay (same scenario from C1), a 45-year-old man has self-presented to the ED with Chest pain. He has been triaged as a category 2 patient and is awaiting your review in resus.</p> <ul style="list-style-type: none"> <li>• Pause and Discuss</li> <li>• Incorporates initial assessment and management</li> <li>• Identification of STEMI and appropriate management</li> </ul> |   |
| <b>Timing</b> | <b>Debrief</b>  |   |
| 10 mins       | <p>Clinical Issues</p> <ul style="list-style-type: none"> <li>• Triage category chosen</li> <li>• Assessment of the patient with Chest pain</li> <li>• Identification and initial management of STEMI</li> </ul> <p>Introduce a team approach</p>   |   |
| <b>Timing</b> | <b>Summary</b>  |   |
| 5 mins        | <p><i>Summarise key messages from session;</i></p> <ul style="list-style-type: none"> <li>• Use of structured approach</li> <li>• Risk stratification of cardiac chest pain</li> </ul>  |   |



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