EM SCENARIOS GUIDE

BACKGROUND

This scenario library has been created with funding and support of the NHS Health Education Thames Valley (HETV), which supports a number of Simulation Fellowship projects every year. This project led to the design and creation of this training resource, consisting of 16 simulation scenarios, split into two main categories; ‘Clinical’ and ‘Human Factors’ scenarios.

The ‘Clinical’ category includes 10 simulation scenarios from other specialties. Whilst these are mapped to the original specialty’s curriculum, they remain a relevant educational resource to EM trainees.

The ‘Human Factors’ category includes 6 simulation scenarios focused on challenging experiences trainees may encounter in the ED. Each scenario is mapped to the 2010 RCEM curriculum.

All the scenarios have been mapped to learning objectives established in the RCEM 2010 Emergency Medicine curriculum and are designed to a standard generic template, including a graphical display of the scenario events. The display includes colour-coded pathways allowing difficulty to be adjusted to suit the participant.

The scenarios require demonstration of clinical skills, but will also allow participants to display leadership and non-technical skills, and can be utilised for training more senior trainees, or in future revalidation training for consultants. In addition, with some modification, many of the scenarios could be used for team-based training for multi-professional learning.

Each scenario is comprised of background material, sufficient information for faculty to prepare for and conduct the scenario, and a resource section for the participants. All the references in each scenario are freely available, and an electronic link is provided. Any peripheral material useful for running the scenario, such as simulated anaesthetic charts, drug charts, etc would need to be provided locally.

LIST OF SCENARIO TOPICS

Clinical 1: Tracheostomy Emergencies
Clinical 2: Arrhythmias secondary to Hyperkalaemia
Clinical 3: Seizures
Clinical 4: Acute Asthma (Paediatric)
Clinical 5: Status Asthmaticus
Clinical 6: Self-harm and Undisclosed Overdose
Clinical 7: Pneumonia and Septic Shock
Clinical 8: Adult Burns
Clinical 9: Adult Polytrauma
Clinical 10: Isolated Head Injury

Human Factors 1: Self-harm and Undisclosed Overdose
Human Factors 2: Breaking Bad News
Human Factors 3: Determining a Ceiling of Care
Human Factors 4: Divulging Error in the ED
Human Factors 5: Safe-guarding Children in the ED
Human Factors 6: Tricyclic Acid Overdose
ACKNOWLEDGEMENTS

‘Human Factors’ Scenarios:

Project Lead: Dr Christopher Busuttil NHS South of England Simulation Fellow 2012
Contributor: Dr Nicola Jakeman
Contributor: Dr Claire Butler
Contributor: Royal College of Emergency Medicine

Editor (2015): Andrew Darby Smith Academic Foundation Trainee Oxford Deanery

‘Clinical’ Scenarios:

Scenarios included from ‘Anaesthetics’ library
Contributor: Dr P Shanmuha

Scenarios included from ‘Paediatrics’ library
Contributor: Dr R Furr

Editor (2015): Andrew Darby Smith Academic Foundation Trainee Oxford Deanery

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