**KSS SCHOOL of ANAESTHETICS**

**CT2+ READY FOR REG**

Anaesthetic Crisis Resource Management

4th May 2023 or 18th May 2023

WILLIAM HARVEY HOSPITAL

SIMULATION CENTRE (Arundel Unit)

**RE: Your Mandatory Simulation Training Day on Thursday 4th May 2023 OR Thursday 18th May 2023**

PLEASE READ THE FOLLOWING LETTER CAREFULLY TO ENSURE THAT YOU ARE FULLY PREPARED FOR THE COURSE.

You have registered to attend the one-day simulation course CT2+ Ready for Reg, at the William Harvey Hospital, Ashford, Kent. This letter contains information including the aims of the course, outline of course timetable, some suggested background topic reading and preparation and how the course has been developed.

Dear Colleague,

You have been allocated a place on the above course. You should have arranged study leave with your local departments in advance in order to attend the whole day. Please make a note of the **start time** and **dress code** for the course. You must be **punctual**. We reserve the right to exclude you from joining the course if you arrive late without giving advanced warning to the course organisers. This is because if you arrive late you will have missed essential health and safety and induction briefings, and you will be disrupting the programme for other participants.

S**TART TIME: Registration begins at 0830hrs**

**DRESS CODE: You must wear your usual work clothes (ie. PLEASE BRING SCRUBS TO GET CHANGED INTO WHEN ON-SITE). We advise you change into your scrubs on arrival at the Simulation Centre and change out of them before departure.**

**VENUE:**

**William Harvey Hospital Simulation Centre, Maroon Zone, First Floor Arundel Unit**

**From the hospital main entrance please follow signs to the Maroon Zone. Take the stairs next to Rotary Wing down to floor 0. You should then follow the signs for the Simulation Centre, passed the maxillofacial unit into the Arundel Building. Take the stairs to the first floor for the Simulation Centre.**

**Directions:**

**Please use the following postcode for SatNav guidance to the main hospital: TN24 0LZ**

**Or follow this link for further information** **including public transport:**

[**https://www.ekhuft.nhs.uk/patients-and-visitors/find-us/getting-to-william-harvey-hospital/**](https://www.ekhuft.nhs.uk/patients-and-visitors/find-us/getting-to-william-harvey-hospital/)

**Parking: Unless you already have a permit for EKHUFT staff, please use the visitors parking. Take a ticket on entry and pay on foot. Below is a link to information about car parking, including the price structure:**[**https://www.ekhuft.nhs.uk/patients-and-visitors/find-us/parking-at-our-hospitals/**](https://www.ekhuft.nhs.uk/patients-and-visitors/find-us/parking-at-our-hospitals/)

**Contact Details:**

**Barry Featherstone - Course Organiser (****barry.featherstone@nhs.net****)**

**Victoria Gray – Simulation Manager (****vgray2@nhs.net****)**

**Victoria Kerslake – Simulation Technician (****Victoria.kerslake@nhs.net****)**

**Simulation Office: 01233 616185**

**Refreshments:**

**Refreshments and lunch will be provided. If you have any specific dietary requirements or food allergies please contact** **ekh-tr.simulation@nhs.net** **as soon as possible.**

**Aims of the course:**

To enable CT2+ anaesthetic trainees to rehearse taking charge of simulated clinical scenarios in preparation for entering further specialist training (CT3 onwards). A variety of clinical scenarios/ situations will be simulated which will allow technical and non-technical skills to be practiced.

A list of objectives follows.

**COURSE OBJECTIVES:**

* To experience an anaesthetic crisis in the controlled environment of the simulator

Each of you will be allocated your own clinical scenario which you will be expected to take charge of. (It is important to be your usual selves).

* To rehearse emergency treatment algorithms for rare life-threatening events

You will need to respond to the problems you encounter by implementing a management plan and using relevant available resources (just as you would in your real place of work)

* To practice your leadership skills in managing life-threatening anaesthetic emergencies in readiness for becoming the ‘Anaesthetic Reg on-call’. In the next 6 months many of you will progress to CT3 posts and consequently will find yourselves being the most senior anaesthetist in the building (out of hours).

During the debrief you will be encouraged to consider various human factors and specific elements of crisis resource management

* To learn about your own behaviour and the behaviours of your colleagues during crisis situations

Your colleagues will watch the scenario via a video link in the observation room. A debrief will follow each scenario to allow the group to discuss the technical skills and non-technical skills required to effectively manage the crisis. Recorded material may be played back in the debrief

* To get you all to start reflecting on your own performance in crisis situations to make you feel more prepared for similar real life clinical encounters

By reflecting on your own performance and that of others the aim is that you may be able to translate some of these newly acquired skills into real life situations.

* To have an enjoyable and productive learning experience

This is training and NOT assessment!

**Development of the Mandatory CT2+ Simulation Course in Kent**

There has been mandatory simulation for every year of training since 2012. Initially the CT2 simulation day required candidates to identify and manage anaesthetic crisis as the CT2 anaesthetist. The course would focus on the use of Anaesthetic Non-Technical Skills to ensure that the patient was managed safely. Non-technical skills that are commonly discussed on the course are:

* Calling for help early
* Knowing your limitations
* Using available resources
* Effective communication
* Leadership
* Delegating tasks appropriately
* Avoidance of task fixation
* Maintaining situation awareness
* Making use of cognitive aids (check lists and aid memoires)

It soon became clear that trainees could readily identify a problem and subsequently raise the concern to a senior (such as their Registrar on call with them or their Consultant). To better prepare CT2s for the transition to Registrar, the simulation experience needed to focus on the fact that the Registrar is usually the most senior anaesthetist in the hospital out of hours (with the Consultant on-call at home up to 30 minutes away). The course was redesigned to reflect this and in its new format we expect candidates to be the Registrar who is called to assist a CT2 in managing a clinical dilemma or crisis.

In previous years the trainee feedback has been very positive indeed. You will find that you will get more out of the day by ensuring that you come prepared. It is recommended that you familiarise yourself with the up-to-date AAGBI guidelines for management of emergency situations such as LA toxicity, anaphylaxis and MH as well as the DAS 2015 guidelines on failed intubation. You may also find it useful to look at the patient safety video ‘Just a routine Operation’ <https://www.youtube.com/watch?v=JzlvgtPIof4>. We may well make reference to elements of this event during the course. The majority of the scenarios will involve adult simulated patients but we do sometimes also include paediatric scenarios.

Do not worry about your performance on the day. The intention is that you will have an enjoyable and productive day of learning. You are not expected to manage everything perfectly. It is ok to be unsure or to mess up as no-one will come to any harm. You are not being assessed. We look forward to seeing you all on the day. The course programme is included with this letter although this is subject to change due to the number of candidates attending. The start and finish times will remain unchanged.

Best wishes,

Barry Featherstone

Consultant Anaesthetist

Example Timetable:

|  |  |
| --- | --- |
| 0800 – 0830 | Faculty Briefing |
| **0830** | Registration + change into scrubs |
| 0845 - 0945 | IntroductionMeet SIM man |
| 0945 – 1005 | Scenario 1 |
| 1005 – 1040 | Debrief 1 |
| 1040 – 1055 | Coffee Break |
| 1055 – 1115 | Scenario 2 |
| 1115 – 1150 | Debrief 2 |
| 1150 – 1215 | Workshop |
| 1215 – 1300 | LUNCH |
| 1300 – 1320 | Scenario 3 |
| 1320 – 1355 | Debrief 3 |
| 1355 – 1415 | Scenario 4 |
| 1415 – 1450 | Debrief 4 |
| 1450 – 1505 | Tea Break |
| 1505 – 1525 | Scenario 5 |
| 1525 – 1600 | Debrief 5 |
| 1600 – 1620 | Scenario 6 |
| 1620 – 1655 | Debrief 6 |
| 1655 – 1700 | Feedback & Close |