

# Covid-19 PGME Training Recovery Intensive Care Medicine simulation course

**The London School of Anaesthesia and Intensive Care Medicine (ICM) is developing a simulation course for Stage 2 ICM trainees within the region.**

**The intervention will address the reduction in face-to-face training opportunities and the impact on clinical exams during the pandemic, whilst building simulation training capacity that is aligned to the ICM curriculum.**

## Background

The COVID-19 pandemic has had a significant impact on sub-specialty ICM training in London, in areas such as paediatric, cardiothoracic and neurosurgical ICM. Many specialty trainees in the region experienced limited training opportunities in these essential modules of the curriculum. Consequently, these modules are also areas of poor performance in the Faculty of Intensive Care Medicine (FFICM) exam.

Currently, courses in these specialist areas of ICM training are either not aligned to the curriculum or not readily accessible to trainees. To address this training gap, the School has identified an opportunity to deliver a simulation course aimed towards sub-specialty ICM modules and aligned to the curriculum.

## ICM simulation course

The School is developing one-day simulation courses for all Stage 2 ICM trainees in London. The content of the courses will be aligned to the ICM curriculum, incorporating paediatric, cardiothoracic and neurosurgical high-fidelity simulation.

The course will enable trainees to demonstrate several High-Level Learning Outcomes (HiLLOs) that are contained in the ICM curriculum, in particular:

- Doctors specialising in ICM understand the special needs of, and are competent to manage patients with neurological diseases, both medical and those requiring surgery, which will include the management of raised intracranial pressure, central nervous system infections and neuromuscular disorders.

- A specialist in adult ICM is competent to recognise, provide initial stabilisation and manage common paediatric emergencies until expert advice or specialist assistance is available. They are familiar with legislation regarding safeguarding children in the context of ICM practice.
- ICM specialists recognise the special needs of, and are competent to provide the perioperative care to patients who have undergone cardiothoracic surgery, including providing pain relief and advanced organ system support utilising specialised techniques available to support the cardiovascular system.

The first course is expected to be held in November 2021, with the School planning to upscale the intervention to deliver up to eight courses per year. The School will seek expressions of interest from simulation centres across London to run the courses from their facilities. The courses will also be accessible to anaesthesia trainees and members of the wider multi-professional team, such as Advanced Critical Care Practitioners.

The School will invest in venue hire, faculty and consumables to develop and deliver the courses. The School anticipates that the simulation training will become a long-term sustainable resource for trainees in the region.

### Supporting training recovery

The intervention will help trainees to demonstrate HiLLOs as required under the ICM curriculum and support FFICM exam preparations, to enable them to progress through the ICM training programme. This will potentially help to reduce the number of training extensions in ICM training within the region.

*PLEASE NOTE: Reference to any specific commercial products, services, manufacturer or company does not constitute a HEE endorsement.*