

Topics to be covered in the Work Based Assessments for CESR doctors during their secondment in ICM.

Doctors are expected to carry out a *minimum* of 12 WBAs (i.e at least one per week in a 3 month block) with a fair mixture of DOPs, CBD and Mini-CEX to cover an adequate spread of the topics outlined below.

In addition to this, doctors need to provide one MSF in either of the two specialties of ICM or anaesthetics.

We would also encourage e-learning modules to be completed for those topics not demonstrated in the list below.

The topics below should be undertaken in the context of ICM level care. Although some of the topics below may be encountered in the Emergency Department, we would expect that they should be undertaken and assessed with input from experienced ICU doctors.

1: Diagnosis, Assessment, Investigation, Monitoring and Data Interpretation

1. Performs electrocardiography (ECG / EKG) and interprets the results
2. Obtains and interprets the results from blood gas samples
3. Interprets imaging studies
4. Monitors and responds to trends in physiological variables

2: Disease Management (need to be in the context of ICU-level care)

1. Recognises and provides care for the head-injured patient
2. Recognises and manages the patient following intoxication with drugs or environmental toxins
3. Recognises and manages the patient with acute renal failure
4. Recognises and manages the patient with liver failure
5. Manages the patient post cardio-pulmonary resuscitation
6. Assesses and provides management of the trauma patient in ICU.

3: Therapeutic interventions / Organ support in single or multiple organ failure

1. Prescribes drugs and therapies safely
2. Administers blood and blood products safely
3. Uses fluids and vasoactive / inotropic drugs to support the circulation
4. Co-ordinates and provides nutritional assessment and support
5. Describe procedures for ' fighting the ventilator' , i.e adjustment of ventilator settings

4: Practical procedures

1. Administers oxygen and describes correct use of a variety of administration devices
2. Performs endotracheal suction
3. Performs chest drain insertion
4. Performs arterial catheterisation
5. Performs central venous catheterisation with ultrasound guidance
6. Performs defibrillation and cardioversion
7. Demonstrates a method for measuring cardiac output and derived haemodynamic variables

8. Describes Sengstaken tube (or equivalent) placement
9. Performs nasogastric tube placement
10. Performs urinary catheterisation

5: Comfort and recovery

1. Manages sedation and neuromuscular blockade

6: End of life care

1. Discusses end of life care with patients and their families / surrogates

7: Transport

1. Performs safe transport of a ventilated patient within hospital
2. Describes the principles of safe transport of a ventilated patient outside of the hospital.

8: Patient safety and health systems management

1. Describes commonly used scoring systems for assessment of severity of illness, case mix and workload

9: Professionalism

1. Communicates effectively with patients and relatives
2. Communicates effectively with members of the health care team 2 D, M, S
3. Maintains accurate and legible records / documentation
4. Involves patients (or their surrogates if applicable) in decisions about care and treatment