

## Topics covered in the October 2015 SOE and OSCE exam

**Organ failure** – kidney, liver, CVS, respiratory

**CNS** – Collapse brain injury. Acute ischaemic stroke, ICP monitoring, critical illness polyneuropathy

**CVS** – ECG, post cardiac arrest management, cardiogenic shock. Endocarditis, Aortic dissection. Malignant hypertension. Echocardiography, aspiration

**RS** – tracheostomy, COPD. Duchenne dystrophy. ICD placement, NIV, weaning. ECMO.

**Endocrine** – diabetic ketoacidosis.

1. **Infection** –neutropaenic sepsis . Necrotising fasciitis, fungal infection
2. **GIT** – inflammatory bowel disease, nasogastric tube insertion, pancreatitis, abdominal compartment syndrome

**Renal** –Haemolytic uraemic syndrome

**Trauma** – radiology, ruptured diaphragm, fractured ribs.

**Communication:** Relatives discussion before long distance transfer. Discussion with ward staff relating to critically ill patient, Discussion related to needle stick injury.

**Organ donation:** Donor optimisation, brain stem testing

Paediatrics: Drowning

**Resuscitation:** Simulated management of hypotension, diabetic emergency, ventilation complications.

**General** - imaging, simulation, paracetamol overdose, Anaphylaxis, capnography.

Management of a never event. Malaria, withdrawal of care, hepatic encephalopathy, hypercalcaemia. Sickle cell