99/NP/SCM

**Care of the Critically Ill Patient**

**Module Tutor:** Dr Andrew Castello-Cortes

 Anaesthetics Department

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## Reporting instructions

Students need to register at the Undergraduate Education Centre at 09.30 on their first day (See Teaching co-ordinators Anup/Maggie). Please bring £10.00 CASH if you need a locker.

## Aims

To feel comfortable with the recognition, examination and management of the critically ill patient that a junior doctor may be exposed to in every day hospital practices. The student will also gain experience in cardio-pulmonary resuscitation, fluid therapy, arterial blood gas analysis, communication and consent issues surrounding intensive care patients. The student will form part of the multi-disciplinary team based in various critical care areas.

**Background information**

The intensive are unit is a busy nine bedded unit located next to the operating theatre suite. We have approximately 900 admissions per year, the majority of whom are ventilated. We offer a wide variety of supportive and novel therapies to the critically ill some of which are not widely available such as high frequency oscillation ventilation. There are six consultants who are responsible for the intensive care unit, and work as a close-knit team. There is ample scope for audit and small research projects.

**Key learning events**

1 Twice daily ward rounds with consultants in all critical care areas

2 Four timetabled theatre sessions for airway and intravenous cannulation practice

3 Attendance at junior doctors protected teaching sessions

4 Attendance and presentation at ICU weekly “Grand Round” and M and M meetings

5 Sessions with outreach sister to recognise “at risk” patient

6 One to one tutorials with senior staff on ICU management

## Learning outcomes

To gain exposure to the management of the critically ill patient in several critical care areas of the hospital including intensive care unit, high dependency unit, emergency department and on the wards.

To gain experience in management of the unconscious patient, in particular basic and advanced airway skills, face mask, laryngeal mask and tracheal intubation. These skills will be gained in timetabled slots with Consultant Anaesthetists in the operating theatre.

To gain a working knowledge of ventilators, inotropes, fluid management, renal replacement therapy, cardiac output monitoring and high frequency oscillation ventilation.

To be able to recognise the “at risk” patient and learn how to seek appropriate senior help

Communication skills during consultant interaction with relatives and intensive care patients

Consent issues in the unconscious patient

Breaking bad news experience

## Assessment:

The student will be expected to follow a patient through their intensive care stay until discharge to the ward. They will prepare and present a 10 minute talk at the end of the module on an aspect of the care that the found interesting or unusual.

**Maximum number of students per period: 2**