

STAFF TRAINING AND RESEARCH PRINCE OF WALES HOSPITAL INTENSIVE CARE UNIT

Medical

Introduction and accreditation: The ICU offers a comprehensive medical training programme. The unit is fully recognised for specialist intensive care training by the Hong Kong College of Anaesthesiology, Hong Kong College of Physicians (Critical Care Medicine) and Hong Kong Academy of Medicine, the Joint Faculty of Intensive Care Medicine (Australian and New Zealand College of Anaesthetists and the Royal Australian College of Physicians) and the South African Medical and Dental Council. It is also recognised for vocational training in Anaesthesiology by the Hong Kong College of Anaesthesiology and the Australian and New Zealand College of Anaesthetists.

Supervision: There are five specialists in Intensive Care, all of whom have specialist intensive care qualifications who contribute to training in this ICU; four of the specialists have the Fellow of the Hong Kong College of Anaesthesiology (Intensive Care) and hold the FHKAM (Intensive Care Medicine). There is one specialist who has the Fellow of the Hong Kong College of Physicians and who hold the FHKAM in Critical Care Medicine. In addition, four trainers also have ICU specialist qualifications from Australia and New Zealand (FJFICM) and one from South Africa. There is a permanent, dedicated Supervisor of Training representing the Hong Kong College of Anaesthesiology and the Australian and New Zealand College of Anaesthetists.

Clinical experience: Clinical training and patient exposure during the training period is extensive. The patients range in age from neonates to the elderly and include both medical and surgical patients. All major surgical specialties are represented. All major trauma is referred to the Intensive Care team soon after arrival in the hospital and from then on the overall non-surgical management of the patient becomes the responsibility of the ICU team. The ICU staff is also responsible for the management of all in-hospital cardiac arrests.

Good practice guidelines and protocols: The ICU has a set of good practice guidelines and protocols that are constantly being updated and expanded. These guidelines have been developed with the aim of improving efficiency and safety in patient care, promoting evidence-based clinical practice and to facilitate the daily running of our busy intensive care unit. It is available on-line by going into the Department of Anaesthesia and Intensive Care webpage and clicking into the Intensive Care section. There are also guidelines from other departments of PWH that are relevant to the care of the ICU patient. Entry is password protected – please obtain the password from the ICU consultants when you start your rotation in ICU.

ICU Trainee Manual

Useful guide for newcomers to the ICU. Covers a range of topics including administrative guidelines and clinical information. Refer to the Department of Anaesthesia and Intensive Care webpage under the Intensive Care section.

Training

1. Clinical training – ongoing supervision whilst performing clinical duties in the ICU
2. Formal, dedicated ICU teaching
 - Bedside clinical teaching - Saturday morning at 10.30 am in ICU
 - Academic meetings
 - Thursday meetings - intensive care dedicated, 4/F, ICU seminar room, starts at 1.00 pm
 - Saturday mornings – combined anaesthesia and intensive care, 2/F OT Discussion room, 8.30 – 10.30 am
 - ICU Peer Review Meetings – Friday 1 pm, 4/F, ICU seminar room
3. Courses
 - BASIC course: introduction to Intensive Care for new anaesthetic trainees
 - Not So BASIC course for trainees with previous ICU training

NB: For details on topics and tutors, please refer to the ICU web on the department of anaesthesia and intensive care website, CUHK (http://www.aic.cuhk.edu.hk/web8/weekly_teaching.htm)

Computerised interactive teaching: Interactive tutorials are available in the ICU computers for mechanical ventilations (Servo 300/A, Servo-i) and arterial blood gases

Staff rotation

1. Rotating staff in anaesthesiology are trained on a continuous basis with one or two trainees in the ICU at any one time. These trainees may come from the Prince of Wales Hospital or from other training hospitals in Hong Kong.
2. Intermittently, trainees from the Departments of Medicine, Orthopaedics & Traumatology and Accident & Emergency have also received training in the ICU.
3. We also have a program where specialist intensive care trainees are rotated between training hospitals.

Research activity

The ICU pursues an active research program, and has been producing results and papers of international standard for many years. The following are a summary of current projects in the ICU. You may be asked to help in recruiting patients, asking for consent, filling in cards or collecting blood samples. Your time and cooperation are very much appreciated.

- Triage of emergency admissions to Intensive Care

- Prediction of the outcome of patients referred for admission to ICU
- The effect of probiotics on mortality in ICU
- Antibiotic pharmacokinetics