

SUB-INTERNSHIP IN CRITICAL CARE MEDICINE

I. Descriptive Information

Title: MED 545-W Sub-Internship in Critical Care Medicine (MICU/SICU/CVICU)

Department: MEDICINE

Pre-requisite: Credit for MED 532

Duration: 4 weeks

Number of Students: Varies with location

Location: Queen's Medical Center & Pali Momi Medical Center

Elective Director: Florence Kan, M.D.

Elective Coordinator: Julieta Rajlevsky

II. Objective

Queen's Medical Center

The fourth-year student will learn and understand the necessary skills, attitude and knowledge to coordinate the evaluation, and management of patients in the ICU setting. The student will learn to diagnose and manage patients with acute medical illnesses requiring intensive care and will learn about those procedures required to support those patients.

Pali Momi Medical Center

By the end of this four-week elective:

1. The student will gain a detailed introduction to Critical Care problems in the Medical, Surgical and Cardiovascular Intensive Care Setting.
2. The student will gain a comprehensive introduction to the multi-specialty approach to critical care medicine.
3. The student will be able to efficiently gather comprehensive and complete data for their critical care patient on a daily basis.
4. The student will be able to document daily clinical data in the form of daily ICU progress notes.
5. The student will be familiar with the workup and treatment of the following basic critical care problems:
 - Respiratory Failure
 - Hypotension
 - Shock
 - Sepsis
 - Renal Failure
6. The student will be introduced to the following critical care topics:

<ul style="list-style-type: none">● Mechanical Ventilation● Vasopressors and Inotropes● Invasive Hemodynamic Monitoring● ICU Nutrition● ARDS● Imaging in ICU	<ul style="list-style-type: none">● Sedation and Analgesia● CU Endocrinology● Patient Safety in ICU● Brain Death● Care of the post-operative CABG patient● End of Life Care
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7. The students will have participated in the following critical care procedures:
 - Airway Management – Bag Mask Ventilation
 - Endotracheal Intubation

- Central Line Placement
- Arterial Line Placement
- CPR and ACLS

III. Method

Queen's Medical Center

The student will function as a sub intern assigned to MICU team care. He/she will be paired with a second or third year resident from the UHIMRP. Overnight call is q4 and days off are arranged with the MICU team and Chief Resident.

Pali Momi Medical Center

The student will function as a sub intern assigned to the ICU at Pali Momi Medical Center, taking care of acutely ill patients, learning to do those procedures required in intensive patient care. The student will function under the direct supervision of an intensivist. There are no call requirements.

IV. Evaluation

1. Observational evaluation by the supervising physicians will assess the student's medical knowledge, clinical skills, and professionalism.
2. To obtain credit for this elective, students must submit the following evaluation forms on Oasis:
 - a. Student Evaluation of Elective
 - b. Student Evaluation of Teachers

- V. Non-University of Hawaii medical students will be accepted on a space-available basis with the approval of the Elective Director and the supervising intensivist. Such students must be able to demonstrate that they have successfully completed a minimum of four (4) weeks on an inpatient internal medicine clerkship or elective.