

<b>FOURTH YEAR ELECTIVE TITLE</b> <b>HEMATOLOGY - INPATIENTS AND CONSULTS</b>		<b>COURSE NUMBER</b> MED 9110	<b>LOCATION</b> ROBERT WOOD JOHNSON UNIVERSITY HOSPITAL
<b>ELECTIVE DIRECTOR</b> Shuang Guo, MD	<b>ELECTIVE FACULTY</b> CLAIRE PHILIPP, MD Shuang Guo, MD Amanda Kaveney, MD Ashwin Sridharan, MD	<b>ELECTIVE CONTACT</b> Shuang Guo, MD RWJMS MEDICINE MEB 378D NEW BRUNSWICK	<b>CONTACT PHONE/FAX/EMAIL</b> PH. 732-235-7679 Fax 732-235-7115 guos3@rwjms.rutgers.edu
<b>BLOCKS AVAILABLE</b> All	<b>DURATION/WEEKS</b> MIN 4; MAX 8	<b>HOURS PER WEEK</b> 40	<b>STUDENTS</b> MAX 1
<b>LECTURES/SEMINARS</b> YES	<b>OUTPATIENT</b> NO	<b>INPATIENT</b> YES	<b>HOUSESTAFF</b> NO
<b>NIGHT CALL</b> No	<b>WEEKENDS</b> NO	<b>LAB</b> NO	<b>EXAM REQUIRED</b> NO

**NOTE: Prior authorization needed before scheduling the elective.**

#### **OVERALL EDUCATIONAL GOAL OF ELECTIVE**

To provide educational opportunity, training and experience at a sufficient level for the medical students to acquire knowledge in the discipline of hematology.

#### **OBJECTIVES**

- Introductory exposure of the student to the subspecialties of Hematology with in-depth training in the diagnostic and therapeutic approach to the patients with hematologic disorders.
- The student will have exposure to interpretation of peripheral smears, bone marrows and to observe the performance of bone marrow aspiration/biopsy and other specialized diagnostic procedures.
- The student will have an opportunity of exposure to the hematologic disorders including disorders of hemostasis, Thrombosis and hematologic malignancies.

#### **I. Patient Care**

The Inpatient Hematology Service experience provides the medical students an introductory exposure to the subspecialty of hematology, to provide patient care that is compassionate, appropriate and effective for the treatment of hematologic diseases and other associated healthcare problems as well as the promotion of health.

#### **II. Medical Knowledge**

The experience provides the student with an exposure in the basic and clinical science of hematology so that that they can demonstrate knowledge about established and evolving basic and clinical (cognitive hematologic and social behavioral) sciences and apply this knowledge to patient care.

#### **III. Practice-Based Learning & Improvement**

Goal of this educational activity is to help students identify areas for improvement, enhance knowledge, skills, attitudes and process of patient care, help them analyze and evaluate practice performance and implement strategies to improve quality of patient care.

**OVER**

#### **IV. Interpersonal and Communication Skills**

Goals of this educational activity are to help students observe the subspecialty fellows and attendings provide effective consultation to healthcare professionals in an appropriate and timely manner, sustaining ethically sound professional collegial relationships; help students observe the use of the effective listening, nonverbal, questioning and narrative skills to communicate with patients/families and coworkers including nurses, social workers, pharmacists and clerical staff.

#### **V. Professionalism**

Goal of this educational activity is to help students learn to practice behaviors showing a commitment to continuous professional development, ethical practice and responsible attitude towards the professional and society; help students to observe/learn to demonstrate respect, compassion, integrity and altruism towards patients/families and colleagues; help them to learn to demonstrate sensitivity and responsiveness to gender, age, culture, religion, sexual preference, socioeconomic status, beliefs, behaviors, and disabilities of patients/professional colleagues; adhere to principles of confidentiality, scientific/academic integrity, and informed consent and recognize and identify deficiencies in peer performance.

#### **VI. Systems-Based Practice**

The goal of the educational activity is to help students understand, access, and utilize resources to provide optimal care; help students to understand limitations and opportunities inherent to optimal care; help students to learn to collaborate with members of the healthcare team to help patients deal effectively with complex systems and improve a systematic process.

#### **BRIEF DESCRIPTION OF ACTIVITIES**

This elective is offered as an opportunity for total participation in inpatient clinical activities of the Division of Hematology. Specifically, these activities will include: supervised diagnostic work up and follow up of patients with hematologic disorders including disorders of Thrombosis and hemostasis seen in the In-patient and Consult Services; introductory exposure to peripheral smear, bone marrow interpretation; training in the interpretation of specialized diagnostic hematology and laboratory testing; opportunity to participate actively in the performance of bone marrow aspiration and biopsy; participation in the weekly Hematology/Oncology Conferences at RWJUH.

#### **METHOD OF STUDENT EVALUATION**

The student's overall performance during the elective will be assessed and evaluated by the faculty on an ongoing basis. The student's ability to recognize and interpret normal and abnormal laboratory testing and peripheral smears will be evaluated at the end of the elective rotation.

**ARE THERE ANY PREREQUISITES FOR THIS ELECTIVE?** Yes, Medicine

**IS THIS ELECTIVE AVAILABLE TO THIRD YEAR MEDICAL STUDENTS AS WELL?** Yes