

## HEMATOLOGY

<b>Name of Course:</b> Clinical Hematology	<b>Location:</b> Naval Medical Center
<b>Course Number:</b> INT421	<b>Periods Offered:</b> Continuously
	<b>Duration:</b> 4 weeks
<b>Offered by:</b> Jon L. HOPKINS M.D.	<b>Number of Students:</b> 1
Hematology-Oncology	<b>Student Level:</b> Year 4
Naval Medical Center Portsmouth	<b>Night Call:</b> No
Portsmouth, VA 23708	
757-953-1043/1044	

**Report First Day:** Hematology Clinic, Bldg. 2, 1<sup>st</sup> Floor, North Mall

**Course Description:** It is the purpose of this elective to provide the student with an introduction to clinical and laboratory hematology, particularly the approach to and evaluation of the patient with a hematologic disorder. The student will perform routine hematologic procedures, including bone marrow aspiration. The student will be given the opportunity to follow one's own patients in conjunction with the staff hematologists.

**Distribution of Work:** Patient Contact: 20% Inpatient, 80% Outpatient; 4 hrs/wk rounds; 5 hrs/wk conferences/lectures; 5-10 hrs/wk study/reading time; 20 hrs/wk faculty contact time.

### **Objectives:**

1. Classification of common anemias based on morphologic criteria.
2. An understanding of basic coagulation mechanisms and the tests used to evaluate them
3. The classification of the acute and chronic leukemia:
  - a) morphologic criteria
  - b) clinical features
  - c) general principles of therapy
4. the diagnosis and staging of Hodgkin's and non-Hodgkin's lymphoma:
  - a) classification
  - b) staging procedures
  - c) general principles of therapy
5. The ability to perform bone marrow aspiration and biopsy.
6. By the end of the rotation the student should be able to recognize the normal elements found in the peripheral blood smear, and common abnormalities (i.e. iron deficiency, macrocytosis, leukemia, etc.) and be able to formulate a differential diagnosis of anemia based on morphologic and clinical data.

**Evaluation:** 100% clinical observation