Clerkship Title: HEMATOLOGY

Location: LAC/USC Medical Center
General Hospital, Room 14-420

Credit Level: Selective B or Elective

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Length of time: 4 or 6 weeks
Dates offered: All year to MS IV only
Number of students: 4
Visiting students from other US medical schools? yes
Prerequisites: MS IV only

Place and time to report on first day: GNH 14-420 at 8:30 am

Textbooks/Availability:
   • Essential Hematology, A.V. Hoffbrand, J.E. Pettit, and P.A.H. Moss, editors,
   • Concise Pathology, Chandrasoma and Taylor, 3rd edition, 1998
   • Selected reprints, from the medical literature

Learning Objectives – At the conclusion of the clerkship the student should be able to:
   1. To increase skills in internal medicine through the careful evaluation and
      followup of selected patients with hematologic manifestations of disease
      under the close supervision of fellows and staff of the Hematology Division.
   2. To increase basic science knowledge of hematology through:
      a. Relating basic science concepts to patients with hematologic disorders
      b. Reading program and study program
      c. A review of slides of peripheral blood, bone marrow and lymph node
         pathology
Course Description:
1. The students will be assigned to the Consultative Service and will work up two patients per week and see selected patients in the hematology clinics under the direct supervision of fellows and faculty.
2. Students will review blood, bone marrow and lymph node morphology, will do blood smears and bone marrows.
3. During the six-week period, the students will be expected to read a series of selected preprints and to review thoroughly the hematology literature applying to each of the patients assigned to them.
4. The students will attend the following Didactic Teaching Sessions:
   Hematology Grand Rounds (Fridays at 11 a.m.); Patient Care Conference (Thursdays at 4 p.m.); Didactic seminars covering major topics in Hematology (Mondays and Tuesdays from 8:30-9:30 a.m.); Cancer Center Grand Rounds (Tuesdays at Noon).
5. Students will attend Consult Service rounds four times per week.
6. Students will attend General Hematology Clinic (Thursday mornings) and Heme Malignancy Clinic (Tuesday afternoons), both held at LAC/USC.

Seminars:
There will be two one-hour seminars per week on Monday and Tuesday. In order to Obtain maximum information from these sessions, it is strongly recommended that adequate reading be done beforehand.

The seminars on Monday and Tuesday will be prepared and conducted by a hematology fellow or staff member. The subjects to be covered are as follows:
- Hemolytic anemias and hemoglobinopathies
- Qualitative platelet disorders
- Lymphomas and Hodgkin’s disease
- Acute and chronic leukemias
- Peripheral blood morphology
- Bone marrow morphology
- Megaloblastic anemias
- Hemostasis
- Polycythemias and myeloproliferative disorders
- Monoclonal gammopathies
- Thrombosis and anticoagulant therapy

In addition, the medical residents (and on occasion, medical students) will be asked to give a 30-minute seminar on a subject of their choice.

Instructional methods: 20% supervised patient care
25% attending rounds/ small group discussion
20% lectures
35% independent study

Supervision: 50% fellows
50% faculty
Student Performance/ Assessment:

- How will students be informed of expectations and methods of evaluation?
  o Specific performance of the student will be evaluated by faculty and fellows within the Division. Personal discussions of performance will be given to each student by the Fellow or Faculty member with whom the student worked.

- How will students be evaluated on their performance and who will write the evaluation?
  o Students will be evaluated by all fellows and staff with whom they have contact. The student will be evaluated subjectively regarding the overall quality and accuracy of their patient assessments, medical and hematologic knowledge, clinical judgment, humanistic qualities, professional attitudes and behavior, and commitment to scholarship. The evaluations will be written by the preceptor utilizing the information gathered from the staff and fellows.

- How will students be given feedback on their performance?
  o Students will be asked to provide evaluations of the clerkship at the completion of the service, in both written and verbal formats.