

NEPHROLOGY

Credit: All

Location: LAC + USC Medical Center

Revised: 02/2009

Applications will be accepted beginning February 1st of Year III on a first-come, first-serve basis

PREREQUISITE: MS IV

DURATION: 4 or 6 weeks

DATES OFFERED: All Year

Rotations scheduled: to begin any Monday

NUMBER OF STUDENTS: 5

VISITING STUDENTS: Yes

SUPERVISION:

50% Faculty

30% Residents

20% Fellows

COURSE OBJECTIVES:

Students will be able to:

1. Demonstrate skills required to evaluate patients with renal disease, hypertension, alterations of fluid and electrolyte metabolism and derangements in acid-base balance.
2. Discuss appropriate use of commonly prescribed medications in patients with alterations in renal function, fluid and electrolyte metabolism and acid-base disturbances.
3. Describe the performance, use and interpretation of special diagnostic methods employed in the evaluation and follow-up of patients with kidney disease (clearances, IVP, electrolytes, renal scans, renal biopsy).
4. Describe the diagnosis and management of patients with acute and chronic renal failure, patients with derangements of electrolyte and acid-base metabolism and patients with hypertension related to renal disease.
5. Describe the basic mechanisms of normal and abnormal physiology in the broad area of nephrology.

DESCRIPTION:

Each student will be assigned to a team consisting of residents, fellow and staff. Rounds will be conducted daily by resident physicians and/or renal fellows. Teaching rounds will be conducted by faculty as detailed in the weekly calendar. Students will attend away clinics (El Monte and Hudson) and special procedures such as peritoneal dialysis, hemodialysis, and renal biopsies. There will be one seminar given by faculty each week during the clerkship. Each student may be asked to prepare one seminar on a topic assigned to him/her during the rotation.

EVALUATION:

Occasionally written quizzes are given. Student's performance is assessed by the faculty who work with them as for their effort, proficiency and behavior. All the staff will evaluate the individual student and the preceptor will summarize the overall performance in the student evaluation form. Students who have problems will be counseled as needed.