

PEDIATRIC NEPHROLOGY

Credit: Selective B or Elective

Location: LAC+USC Medical Center
Department of Pediatrics
Women's and Children's Hospital, L-943

Revised: 4/1/07

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

DIRECTOR:

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REPORT TO: Trailer 7A (adjacent to WCH)
at 8:30 a.m.

PREREQUISITE: Pediatric Clerkship

DURATION: 4 weeks

DATES OFFERED: July; August; October;
February; March; May

Rotations scheduled: by calendar month:

NUMBER OF STUDENTS: 2

VISITING STUDENTS: Yes

SUPERVISION:

90% Faculty

10% Residents

COURSE OBJECTIVES:

Students will be able to:

1. Perform a focused history and physical examination appropriate for the pediatric nephrology patient.
2. Demonstrate knowledge of basic principles of renal physiology.
3. Perform an initial work up and formulate a differential diagnosis and management plan for a patient who presents with hematuria, proteinuria, hypertension, acute renal failure or a urinary tract infection.
4. Manage a patient with common fluid and electrolyte derangements.
5. Diagnose, describe the pathophysiology, and initiate management for a patient with nephrotic syndrome, acute glomerulonephritis, hemolytic uremic syndrome, Henoch-Schönlein Purpura, renal tubular acidosis and lupus nephritis.
6. List the differential diagnosis, describe the pathophysiology, and initiate management for a patient who presents with chronic renal failure.
7. List the absolute and relative indications for dialysis and the modalities available for treating end-stage renal failure.
8. Describe the pathophysiology of the various renal tubular disorders of childhood.
9. Demonstrate, by their interaction with chronically ill children and their families, the ability to communicate effectively aiding in data collection and patient evaluation.

DESCRIPTION:

The student will participate as a member of the Pediatric Nephrology Service at Women's & Children's Hospital and will attend outpatient clinics and teaching conferences. The elective will include evaluation and management of children with renal disease.

EVALUATION:

Students will be informed of expectations and methods of evaluation during orientation on the first day of the rotation. Student's performance is assessed by the supervising attending based on their participation in clinical activities, attendance in all assigned clinics/rounds, and their final presentation. Ongoing feedback will be given after each patient encounter.

***Selective Attendance and Illness Policy**

In order to insure adequate clinical exposure, no more than 3 days of excused absences (to include official Holidays) can be accepted during a selective. This policy does not imply that absences are guaranteed; absences may be excused at the discretion of the faculty. Absence due to illness must be reported to the faculty or his/her designee as soon as possible. In case of extended absence (2 days or more), a note from a physician (who is not a relative) is required and the absence will be reported to the Office of Student Affairs. A physician note may be requested for any absence, at the discretion of the faculty.

Students will generally be required to make up days before a passing grade can be assigned. All absences must be excused and any planned absence must be registered with the preceptor prior to the first day of the selective. Students should take vacation time if he/she anticipates a need for more than 3 absences during a selective. USMLE and BLS/ACLS will not be considered excused absences.