

2104 Pediatric Nephrology

Course: Pediatric Nephrology Course Number: PED 2104

Department: Pediatrics

Faculty Coordinator: Smitha Vidi, MD

Assistant Faculty Coordinators: Jyothsna Gattineni, MD

UTSW Education Coordinator Contact: Anthony Lee (Anthony.Lee@UTSouthwestern.edu)

Hospital: (Location of rotation) Children's Medical Center

Periods Offered: 1-12

Length: 4 weeks

Max # of Students: 1 (Post Clerkship Students)

First Day Contact: Attending on Duty

First Contact Time: 8:00am

First Day Location: Children's Medical Center –5th Floor Tower B Renal Clinic (Physician's Touchdown)

Prerequisites: PED 1801 Pediatric Core Clerkship

I. Course Description

Students will be integral members of a team participating in the provision of comprehensive consultations and for follow-up of patients admitted to the renal floor. Students will also participate in the outpatient renal clinic evaluating patients referred for the full scope of concerns related to pediatric nephrology.

<u>Goals</u>	<u>Objectives</u>	<u>Assessment Methods</u>
<p>Patient Care: Students, together with supervising faculty, must be able to provide patient care that is compassionate, appropriate and effective for the treatment of health problems and the promotion of health.</p>	<ul style="list-style-type: none"> Gather essential and accurate information about their patients. These include a thorough history, physical examination and results of pertinent laboratory and radiologic tests for patients with renal insufficiency, electrolyte disturbances or hypertension. Make informed recommendations about diagnostic and therapeutic interventions based on patient information. Provide health care services aimed at preventing health problems or maintaining health. Discuss importance of compliance and follow-up. 	<ul style="list-style-type: none"> Quality of Medical Records entries Skills evaluation from direct observation.

2104 Pediatric Nephrology

	<ul style="list-style-type: none"> • Work with health care professionals, including those from other disciplines to provide patient-focused care, develop and carry out patient management plans. These include social work, nutrition and renal nurses. 	
<p>Medical Knowledge: Students must demonstrate knowledge about established biomedical and clinical sciences and the application of this knowledge to patient care.</p>	<ul style="list-style-type: none"> • Demonstrate an analytic thinking approach to clinical situations. These include differential diagnosis of glomerular and tubular disorders, abnormal electrolytes and elevated blood pressures. • Know and apply the basic and clinically supportive sciences that are appropriate to the case of the pediatric patient with renal disease. 	<ul style="list-style-type: none"> • Each student is required to create a case presentation and to present it to the faculty and fellows during the rotation. It is recommended that students present an interesting case they encountered during their rotation. However, they are also permitted to present on a topic of interest that relates to pediatric course topic.
<p>Interpersonal and Communication Skills: Students must be able to demonstrate interpersonal and communication skills that result in effective information exchange with health care professionals and families.</p>	<ul style="list-style-type: none"> • Use effective listening skills and elicit and provide information using effective nonverbal, explanatory, questioning, and writing skills. These include taking complete history from pediatric patient and their family and writing a careful evaluation in the chart. • Work effectively with others as a member of a health care team. 	<ul style="list-style-type: none"> • Observations of faculty and staff.
<p>Practice-Based Learning and Improvement: Students must be able to assimilate scientific evidence and improve their patient care practices.</p>	<ul style="list-style-type: none"> • Locate and assimilate evidence from scientific studies related to their patients' health problems, including literature searches. • Use information technology to manage information, access on-line medical information; and support their own education. 	<ul style="list-style-type: none"> • Each student is required to create a case presentation and to present it to the faculty and fellows during the rotation. It is recommended that students present an interesting case they encountered during their rotation. However, they are also permitted to present on a topic of interest that relates to pediatric course topic. • Critical review of a relevant article.
<p>Professionalism: Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.</p>	<ul style="list-style-type: none"> • Demonstrate respect, compassion, and integrity; a responsiveness to the needs of patients and their families; accountability to patients and their families and the profession; and a commitment to excellence and on-going professional development. • Demonstrate a commitment to ethical principles pertaining to 	<ul style="list-style-type: none"> • Observations of faculty and staff.

2104 Pediatric Nephrology

	provision or withholding of clinical care, and confidentiality of patient information. <ul style="list-style-type: none"> • Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities. 	
--	--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

II. Methods of Instruction

Didactic: *(Schedule, Topic and Faculty)*

- Monday – 12:00 noon – Renal Grand Rounds, Int Med Conf Rm, G5.202
- Tuesday – 5:00 pm – Research Conference, Int Med Conf Rm, G5.202
- Wednesday – 4:00 pm – University Lecture Series, Room NB2.102
- Thursday – 11:00 am – Medical Grand Rounds, Lower Level Classroom D1.502
- Thursday – 12:00 noon – Renal Basic Science Lecture Int Med Conf Rm, G5.202
- Friday – 4:00 pm – Clinical conference, Int Med Conf Rm, G5.202

Clinical: *(Schedule, Faculty Teaching and House-Staff Teaching)*

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00 am	See patients in preparation for consult rounds	See patients in preparation for consult rounds	See patients in preparation for consult rounds	See patients in preparation for consult rounds	See patients in preparation for consult rounds
10am-noon	Rounds with Attending	Rounds with Attending	Rounds with Attending	Rounds with Attending	Rounds with Attending
1pm-5pm	Clinic	Clinic	Clinic	Clinic	Clinic

III. Overview of Student Responsibilities

- Evaluate new inpatients, present to attending and follow until discharge.
- In clinics, see new patients and present patient information to attending.

IV. Method of Evaluation of Students and Requirements

Pass-fail grades; there are no examinations. Evaluations of the student by the faculty will be based on achievement of the stated objectives of the course. This will be assessed by the student's preparation, fund of knowledge, participation in clinic, and participation in didactic sessions.