

<b>Course:</b>	<b><u>Pediatric Nephrology</u></b>	<b><u>PED 1206</u></b>
Department:	Pediatrics	
Course:	Nephrology (12-06)	
Faculty Coordinator:	Michel Baum, M.D.	
Hospital:	Children's Medical Center	
Periods offered:	All	
Length:	4 weeks	
Max no. of students:	2	
First Day Contact:	Attending Nephrologist (214-648-3438)	
First Day Time:	8:00 a.m.	
First Day Place:	CMC 4 West – Renal Floor	
Prerequisites:	3 <sup>rd</sup> year Pediatric Clerkship	

**I. Course Objectives:**

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.

**II. Course Goals and Objectives:**

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.

Objectives: Students are expected to:

- 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.
- 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.

Medical Knowledge

Students must demonstrate knowledge about established biomedical and clinical sciences and the application of this knowledge to patient care.

Objective: Students are expected to:

- 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.

#### *Practice-Based Learning and Improvement*

Students must be able to assimilate scientific evidence and improve their patient care practices.

Objectives: Students are expected to:

- 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.

#### *Interpersonal and Communication Skills*

Students must be able to demonstrate interpersonal and communication skills that result in effective information exchange and teaming with patients and their families.

Objectives: Students are expected to

- 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.

#### *Professionalism*

Students must demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient population.

Objective: Students are expected to

- 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 provision or withholding of clinical care, and confidentiality of patient information.
- Demonstrate sensitivity and responsiveness to patients' culture, age, gender, and disabilities.

III. **Methods of Instruction:**

A) **Didactic** (schedule, topic, 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

B) **Clinical** (schedule, faculty teaching, housestaff teaching):

<b>Time</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
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

C) **Student responsibilities** (and to whom accountable)

- 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:**

Evaluation is based on faculty assessment of performance and whether student met objectives of the course.