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

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<thead>
<tr>
<th>Time</th>
<th>Monday</th>
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<tbody>
<tr>
<td>8:00 am</td>
<td>See patients in preparation for consult rounds</td>
<td>See patients in preparation for consult rounds</td>
<td>See patients in preparation for consult rounds</td>
<td>See patients in preparation for consult rounds</td>
<td>See patients in preparation for consult rounds</td>
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<tr>
<td>10am-noon</td>
<td>Rounds with Attending</td>
<td>Rounds with Attending</td>
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<tr>
<td>1pm-5pm</td>
<td>Clinic</td>
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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.