Course Objective

Material Covered:
The student will be exposed to a broad range of problems in pediatric nephrology—congenital diseases, acquired diseases, acute and chronic renal failure, dialysis and transplantation, fluid and electrolyte disorders, and hypertension.

Skills Acquired:
The student should acquire knowledge in a broad spectrum of pediatric nephrology and in fluid and electrolyte management. In addition, the student should learn about the effect of chronic illness on the family and how the medical team deals with psychosocial ramifications of illness.

Activities Of Elective

Number Of New Patients/Student/Week: variable

Responsibilities Of Student For Assigned Patients:

- Does history/physical: Yes
- Who critiques: Attending
- Follows patients, with appropriate notes as needed: Yes
- Who supervises: Attending/fellow
- Does student see ambulatory patients: Yes

Procedures

<table>
<thead>
<tr>
<th>Procedure</th>
<th>Observe</th>
<th>Perform</th>
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</thead>
<tbody>
<tr>
<td>Renal biopsy</td>
<td>X</td>
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<tr>
<td>Sedation for biopsy</td>
<td>X</td>
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<td>Dialysis-hemo and peritoneal</td>
<td>X</td>
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<td>Arteriovenous hemofiltration</td>
<td>X</td>
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<td>Ambulatory BP monitoring</td>
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Scheduled Duties of Student:

- Frequency of rounds on patients: Daily – required weekdays only, weekends optional
- Presents patients to preceptor or attending physician: Yes
- Weekly schedule of required teaching sessions: Variable; usually at least once a day patient-oriented teaching or review of a topic, special divisional conference each week for students, and combined teaching conferences with adult nephrology.

Describe Optional Rounds And Activities, If Any:

- Reading/review of current literature: Yes
- Writing or presenting a paper: No, but 10 minute presentation at end of rotation is expectation

How Is Student Evaluated:
On knowledge acquired and ability to use the knowledge

Who Evaluates Students:
Attending

Unique Features Of This Elective:
Primary responsibility of the senior student is to see outpatients (4 days/week) and consult patients at CMHH. The senior student is usually seeing patients with the renal team and receiving small group teaching. There is also ample time for reading, and reading is expected. Research and case report opportunities are available.