

<b>Faculty In Charge Of Course:</b>	Michael Braun, M.D. <i>michael.c.braun@uth.tmc.edu</i>
<b>Participating Faculty:</b>	Drs. Rita Swinford, Joshua Samuels and Scott Wenderfer
<b>Location:</b>	Memorial Hermann Hospital, LBJ Hospital, and outpatient clinics including M.D. Anderson, Hermann Hospital
<b>Offered:</b>	Each period
<b>Max. # Students/Period:</b>	1

**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:**

**Responsibilities Of Student For Assigned Patients:**

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

Procedures	Observe	Perform
Renal biopsy	X	
Sedation for biopsy	X	
Dialysis-hemo and peritoneal	X	
Arteriovenous hemofiltration	X	
Ambulatory BP monitoring	X	

**Scheduled Duties of Student:**

Frequency of rounds on patients:	Daily - weekdays only
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 twice weekly.

**Describe Optional Rounds And Activities, If Any:**

**Other Required Activities:**

Reading/review of current literature:	Yes
Writing or Presenting a paper:	No

**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 HCH, M.D. Anderson, and LBJ. The senior student is usually seeing patients with an attending and receiving one-on-one teaching. There is also ample time for reading, and reading is expected. Research and case report opportunities are available.