

<b>Faculty In Charge Of Course:</b>	Mark A. Farnie, M.D.
<b>Participating Faculty:</b>	Akinsan Dosekun, MD & Nephrology Faculty
<b>Location:</b>	Lyndon B. Johnson General Hospital
<b>Prerequisites:</b>	None
<b>Offered:</b>	All streams
<b>Max. # Students/3-week Period:</b>	1 Student / Period A only

**Course Objective**

**Material Covered:**

This third-year elective will introduce students to the Nephrology subspecialty of Internal Medicine. Specific learning objectives for this third-year elective are as follows:

**Objectives:**

By the end of this elective, the student will be able to:

- Conduct a focused history and physical examination appropriate for renal patients
- Understanding of normal and abnormal fluid and acid base electrolyte physiology; and
- Understanding of pathogenesis, clinical expression, diagnosis, and therapy of acute and chronic renal disease with emphasis on acute renal failure in the ICU patient.

**Skills Acquired:**

Students will develop skills in providing meaningful consultation in acute care subspecialty with emphasis on pathophysiology.

**Activities Of Elective**

**Number Of New Patients/Student/Week:** 3-7

**Responsibilities Of Student For Assigned Patients:**

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

<b>Procedures</b>	<b>Observe</b>	<b>Perform</b>
Hemodialysis & peritoneal dialysis	X	
Renal biopsies	X	
Placement of hemodialysis & peritoneal dialysis access	X	
CVVH/CVVHD	X	

**Scheduled Duties of Student:**

Frequency of rounds on patients:	Daily
Presents patients to preceptor or attending physician:	Yes
Weekly schedule of required teaching sessions:	Clinical rounds with attending physician and house staff, 6 times/week; outpatient and nephrology clinic weekly; clinical nephrology conferences 2 times/week (includes case conference, biopsy conference, clinical journal club or core curriculum on twice-weekly rotation format)

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

None

**Other Required Activities:**

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

**How Is Student Evaluated:**

Student is evaluated on his presentations, write-ups, and knowledge from readings.

**How Is Student Evaluated:**

This elective is pass/fail. Students will be evaluated by faculty based on their attendance and participation in didactic sessions and attendance at clinical assignments and participation in clinical activities. The students are evaluated based on the demonstration of their accomplishment of the objectives. Mid-rotation feedback in writing is required for all students.