

ELECTIVE NAME:

Nephrology

COURSE NO:

MED 612

PREREQUISITE:

Required Medicine Clerkship

INSTITUTION:

Spectrum Health Butterworth
Saint Mary's Health Care

OBJECTIVES:

- The student will gain insight into the clinical symptoms and management of the most frequent nephrological diseases.
- The student will gain understanding of the significant laboratory tests employed for the assessment of renal function.
- The student will be provided with the opportunity to elaborate and refine their skills relative to management of fluid and electrolyte problems.
- The student will gain insight into the various hormonal influences upon kidney function as well as in various forms of renal disease.

DESCRIPTION:

This elective is designed to provide students with an understanding of the physiologic and histologic phases of renal disease. An emphasis is placed on active student participation and the management of patients with acute and chronic renal failure based on an understanding of the physiologic changes that occur in the disease process. In addition, elaboration on the principles of fluids and electrolyte therapy as well as the diagnosis and management of hypertension which are closely related to various forms of renal disease will be considered part of this elective.

EVALUATION:

Preceptor(s) will be asked to submit a written evaluation at the conclusion of the clerkship. Faculty are encouraged to provide ongoing feedback throughout elective rotations.