



NEPHROLOGY

Goal: The goal of the Nephrology rotation is to provide learning opportunities that will enable students to develop or refine the knowledge, skills, and attitudes necessary to:

1. Elicit a complete and focused GU history.
2. Perform a complete abdominal, urogenital, and thoracolumbar and trunk osteopathic structural examination.
3. Evaluate and determine medical treatment of renal and urinary problems.
4. Apply laboratory information and testing to specific to renal and urinary problems.
5. Apply osteopathic concepts of the “whole person” when treating patients with renal disease.

Objectives: Upon completion of this rotation, students will demonstrate the ability to elicit a history, identify signs and symptoms of, evaluate and order the appropriate diagnostic tests, and describe the principles of management (using evidence based medicine and osteopathic treatment where indicated) for the treatment of symptoms and disease in the following conditions:

1. UTI.
2. Cystitis.
3. Pyelonephritis.
4. Glomerulonephritis.
5. Acute Renal Failure.
6. Chronic Renal Failure.
7. Renal Lithiasis.
8. Renal Artery Stenosis.
9. Renal Cancer.
10. Cancer of the Urinary Bladder.
11. Polycystic kidney disease.

Laboratory Evaluation

1. Interpret tests, including: urinalysis , BUN, Creatine, Electrolytes.
2. Urinary Sediment.
3. Evaluation of a lithiasis.

Renal Dialysis

1. Understand the criteria for and identify the important features of management in a patient with dialysis.