



UROLOGY

Goal: The goal of the Urology 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 urologic history.
2. Perform a complete genito-urinary examination.
3. Evaluate and determine medical treatment of urologic problems.
4. Apply laboratory information and testing to specific urologic problems.
5. Identify osteopathic concepts and clinical skills in the care of the urologic patient.

Objectives: Upon completion of this rotation, students will demonstrate the ability to:

History

1. Elicit the following information from a patient:
 - a. Continence/patterns of incontinence.
 - b. Sexual history.
 - c. Pertinent family psychosocial history.
 - d. Osteopathic physical and structural examination.
 - e. Renal stones/colic.
 - f. Urinary tract infections.
 - g. Urologic impairments related to bladder and sexual function.
 - h. Prostatism/prostate enlargement symptoms.

Physical Examination

1. Osteopathic Examination of the lumbar, thoracic, and trunk as they relates to Urological Disorders
2. Osteopathic Examination of the pelvis and abdomen as they relate to Urological Disorders
3. Identify congenital anomalies of a child.
4. Perform a male external genitalia/testicular exam.
5. Perform a female external genitalia/urethral orifice exam.
6. Perform a prostate exam.

Urologic conditions

1. Diagnose medical problems, including:
 - a. Recurrent UTI.

- b. Renal colic.
 - c. Urogenital neoplasia.
 - d. Erectile dysfunction/impotence.
 - e. Benign prostatic hypertrophy.
 - f. Infertility.
 - g. Sexually transmitted disease.
 - h. Vesico-ureteral reflux.
 - i. Hematuria.
 - j. Enuresis.
2. Manage medical problems after the diagnosis has been determined utilizing evidence based medicine protocols and the use of osteopathic manipulation where indicated.
 3. Maintain appropriate records of treatments performed.

Laboratory Evaluation

1. Interpret tests, including:
 - a. Urinalysis.
 - b. Urine culture.
 - c. Sensitivity.
 - d. Prostatic.
 - e. Specific antigen.
 - f. Urodynamic studies.
 - g. Intravenous pyleogram.
 - h. Renal ultrasound.
 - i. Voiding cystourethrogram.
 - j. Semen analysis.
2. Demonstrate proficiency in performing the following techniques and procedures:
 - a. Genito-urinary exam of adults and children.
 - b. Bladder catheterization.
 - c. Management of incontinence.
 - d. Management of sexual dysfunction.
 - e. Management of prostate disease.
 - f. Interpretation of laboratory tests.
 - g. Management of sexually transmitted diseases.
3. Demonstrate understanding of the following techniques and procedures:
 - a. Vasectomy.
 - b. Infertility work-up.