

## LEARNING OBJECTIVES

### **Nephrology Learning Objectives:**

1. 1. Hypertension
  - Understand the normative data and be able to classify a patient by hypertension stage
  - Basic evaluation and work up of a patient presenting with hypertension
  - General anti-hypertensive management strategies
2. Hematuria
  - Evaluation and differential diagnosis of microscopic hematuria
  - Evaluation and differential diagnosis of gross hematuria, including glomerulonephritis
3. Proteinuria
  - Evaluation of asymptomatic/isolated proteinuria
  - Evaluation and management of nephrotic syndrome
4. Urinary tract infections & Vesicoureteral reflux (VUR)
  - Evaluation and management of a child with a suspected UTI
  - Understand the role of reflux, VCUG, and antibiotic prophylaxis in patients with UTI
5. 5. Chronic kidney disease/End stage renal disease & Renal replacement therapy
  - Determination and estimation of glomerular filtration rate (GFR)
  - Evaluation, staging, and management of chronic kidney disease
  - Understanding the sequelae associated with CKD and ESRD Basic peritoneal and hemodialysis concepts
6. Renal Transplantation
  - Basic concepts of transplant medicine
  - Immunosuppression mechanisms and side effects