

Nephrology Residency Curricular Items:

1. Bedside physical diagnosis including manifestations of uremia and peritonitis
2. Examination of urine sediment
3. Differential diagnosis of and management of Acute Renal Failure
4. Diagnosis of uremia and clinical presentation, differential, and management of Chronic Renal Failure
5. Basic science-clinical correlation: renal regulation of calcium metabolism and erythropoiesis and management of PTH axis and anemia in chronic renal failure
6. Differential diagnosis of renal insufficiency and failure in the patient with HIV disease
7. Complications of hemodialysis and peritoneal dialysis
8. Basic science-clinical correlation: mechanisms and management of hyperkalemia, hyper- and hyponatremia
9. Management of UTI and pyelonephritis
10. Basic science-clinical correlation: renal regulation of blood pressure and management of primary and secondary hypertension
11. Differential diagnosis and management of hematuria and proteinuria
12. Management of renal stones and obstructive uropathies
13. Basic science-clinical correlation: knowledge of the common acid-base disturbances and fluid management
14. Application of evidence from the current medical literature

15. Cultural, socioeconomic, ethical, occupational, environmental and behavioral issues surrounding chronic dialysis

16. End of life issues including discontinuing dialysis