Goal: to examine tubular and interstitial pathology

Objectives:

1. Examine the epidemiology, clinical and laboratory features of acute infectious interstitial nephritis and the role of predisposing factors
2. Contrast and compare acute versus chronic pyelonephritis
3. Examine the clinical and laboratory features of acute drug-induced interstitial nephritis
4. Contrast and compare the clinico-pathologic picture of tubulointerstitial nephritis associated with infection versus drug reaction
5. Contrast and compare acute NSAIDs-induced interstitial nephritis with minimal change-like disease versus idiopathic minimal change disease
6. Describe examples of metabolic tubulointerstitial nephritis
7. Explain the relationship between tubular injury and interstitial nephritis
8. Describe the 2 main mechanisms of tubular injury
9. Identify the main causes of the urinary tract obstruction