

Teaching topics : Kidney-nonneoplastic disease

Teaching outline :

- A. Normal
- B. Pathology
 - a. Clinical manifestations of renal disease
 - 1. Renal failure
 - 2. Stage and progression
 - b. Congenital Anomalies
 - c. Cystic Diseases of the Kidney
- C. Glomerular Disease
 - a. Histologic alterations
 - b. Pathogenesis of glomerular injury
 - 1. Antibody-mediated injury
 - 2. In situ immune complex deposition
 - 3. Circulating immune complex deposition
 - 4. Others
- D. Mechanisms of Progression in Glomerular Diseases
 - a. Focal Segmental Glomerulosclerosis
 - b. Tubulointerstitial Fibrosis
- E. Acute Glomerulonephritis
 - a. Post infectious glomerulonephritis
 - b. Rapidly Progressive
- F. Nephrotic Syndrome
 - a. Membranous glomerulonephritis
 - b. Minimal change disease
 - c. Focal segmental glomerulosclerosis
 - d. Membranoproliferative glomerulonephritis
 - e. IgA nephropathy
 - f. Focal glomerulonephritis
 - g. Heredity nephritis
 - h. Chronic glomerulonephritis
- G. Glomerulonephritis associated with systemic diseases
 - a. SLE
 - b. H-S purpura
 - c. Diabetic Glomerulosclerosis
 - d. Amyloidosis
- H. Disiases Affecting Tubules and Interstitium
 - a. Acute Tubular Necrosis
 - b. Tubulointerstitial nephritis
 - 1. Pyelonephritis and urinary tract infection
 - 2. Acute Pyelonephritis

3. Chronic Pyelonephritis
4. Interstitial nephritis induced by drugs and toxins
5. Others

I. Diseases of Blood Vessels

- a. Benign nephrosclerosis
- b. Malignant hypertension and accelerated nephrosclerosis
- c. Renal artery stenosis
- d. Thrombotic microangiopathies
- e. Others