

Teaching topics : Liver and biliary disease

Teaching outline :

- A. Normal Anatomy and Histology of the liver
- B. Patterns of Hepatic Injury
 - a. Degeneration
 - b. Necrosis and Apoptosis
 - c. Inflammation
 - d. Regeneration
 - e. Intracellular accumulation
 - f. Fibrosis
- C. Cirrhosis
 - a. Viral hepatitis
 - b. Alcoholic liver disease
 - c. Biliary disease
 - d. Primary hemochromatosis
 - e. Wilson's disease
 - f. Alpha1-antitrypsin deficiency
 - g. Cryptogenic cirrhosis
- D. Pathology of the liver
 - a. Infectious disease
 - Viral hepatitis (acute and chronic)
 - b. Autoimmune disease
 - c. Drug and toxin-induced liver disease
 - d. Metabolic disease
 - 1. alcoholic liver disease
 - 2. α 1- antitrypsin deficiency
 - 3. primary hemochromatosis
 - 4. Wilson's disease
 - e. Intrahepatic biliary tract disease
 - 1. secondary biliary cirrhosis
 - 2. primary biliary cirrhosis
 - 3. primary sclerosing cholangitis
 - 4. neonatal cholestasis
 - f. Circulatory disease
 - g. Hepatic disease associated with pregnancy
 - h. Hepatic complication of organ and bone marrow transplantation
 - i. Nodule or Tumors
- E. Disorders of the Gallbladder
 - a. Cholelithiasis (Gallstones) (95%)
 - cholesterol stone and pigment stone
 - b. Cholecystitis

- Acute Cholecystitis
- Chronic Cholecystitis

F. Disorders of Extrahepatic Bile Ducts

- a. Biliary atresia
- b. Choledocholithiasis and ascending cholangitis
- c. Choledochal cysts