

Χαρακτηριστικά:

- Presents **clear delineations in challenging diagnoses** for both nonneoplastic and neoplastic settings, illustrates novel tumor variants, uses updated terminology and society guidelines, and summarizes the role of molecular findings for diagnosis
- Analyzes **hundreds of diagnoses**, each of which include critical diagnostic information such as definitions, epidemiology, clinical presentation, macro- and microscopic features, differential diagnoses, and pathologic interpretation pearls
- Details the **increasing use of molecular methods** to diagnose cholestatic biliary liver conditions and other liver diseases of unknown etiology
- Notes **critical recent terminology changes**, such as the switch from non-alcoholic fatty liver disease (NAFLD) to metabolic dysfunction-associated steatotic liver disease (MASLD)
- Explains **novel variants** of hepatocellular tumors and cholangiocarcinoma, and illustrates the integration of genomic findings in establishing the diagnosis and subclassification of tumors
- Features **more than 1,400 high-quality print images** (with an **additional 250+ images in the complimentary eBook**), including histology and gross pathology images, full-color medical illustrations, clinical photographs, and radiology images
- Reflects the **most recent information** from the 6th edition WHO *Classification of Tumours, Digestive System Tumours*, the American Association for the Study of Liver Disease (AASLD), and the European Association for the Study of the Liver (EASL), including new AASLD guidelines for hepatocellular carcinoma (HCC) and EASL guidelines for cholangiocarcinoma
- **Includes a complimentary eBook** with access to everything in the print version as well as **additional text, figures, and references**, with the ability to search, customize your content, make notes and highlights, and have content read aloud

Περιεχόμενα:

PART I: LIVER

SECTION 1: INHERITED, METABOLIC, AND DEVELOPMENTAL DISORDERS

Glycogen Storage Disease, Hepatic

Tyrosinemia

Niemann-Pick Disease

Gaucher Disease

Neonatal Hemochromatosis

Porphyrin Metabolism Disorders

Dubin-Johnson Syndrome

Gilbert Disease

Progressive Familial Intrahepatic Cholestasis

Cystic Fibrosis, Hepatic

Hereditary Hemochromatosis

Wilson Disease

Alpha-1 Antitrypsin Deficiency
Congenital Hepatic Fibrosis
Polycystic Liver Disease
Caroli Disease
Lysosomal Lipase Deficiency (Including Wolman Disease)

SECTION 2: INFECTIOUS DISORDERS

Overview of Hepatitis
Acute Viral Hepatitis
Hepatitis B
Hepatitis C
Hepatitis E
Epstein-Barr Virus
Cytomegalovirus
Herpes Simplex Virus
Adenovirus
Pyogenic Abscess
Sepsis in the Liver
Mycobacterium tuberculosis
Atypical Mycobacteria
Cat-Scratch Disease
Candidiasis
Histoplasmosis
Cryptococcosis
Amebiasis
Schistosomiasis
Echinococcosis
Syphilis

SECTION 3: CHRONIC CHOLESTATIC AND AUTOIMMUNE DISORDERS

Medical Liver Biopsy: Indications and Approach to Diagnosis
Autoimmune Hepatitis
Autoimmune Hepatitis Diagnostic Criteria and Grading/Staging Information
Primary Biliary Cholangitis
Primary Sclerosing Cholangitis
Ischemic Cholangitis
Large Bile Duct Obstruction
Liver Involvement in IgG4-Related Disease
Idiopathic Adulthood Ductopenia

SECTION 4: PEDIATRIC CHOLESTATIC DISORDERS

Biliary Atresia
Neonatal Hepatitis
Syndromic Paucity of Intrahepatic Bile Ducts (Alagille Syndrome)

Nonsyndromic Paucity of Intrahepatic Bile Ducts

SECTION 5: DRUG/TOXIN-RELATED HEPATITIS

Drug-Induced Acute Hepatitis

Drug-Induced Acute Hepatic Failure

Drug-Induced Cholestatic Liver Injury

Drug-Induced Granulomatous Hepatitis

Drug-Induced Steatohepatitis/Phospholipidosis

Reye Syndrome

Drug-Induced Cholangitis/Ductopenia

Hepatic Stellate Cell Hyperplasia

SECTION 6: STEATOTIC LIVER DISEASES

Alcohol-Associated Liver Disease

Metabolic Dysfunction-Associated Steatohepatitis

Glycogenic Hepatopathy

Fatty Liver of Pregnancy

SECTION 7: VASCULAR DISORDERS

Portal Venopathy/Portal Sinusoidal Vascular Disorder

Hepatic Venous Outflow Obstruction

Venoocclusive Disease

Amyloidosis

Ischemia

Nodular Regenerative Hyperplasia

SECTION 8: TRANSPLANTATION PATHOLOGY

Ischemia Reperfusion Injury

Antibody-Mediated Rejection

T-Cell-Mediated Rejection (Acute Cellular Rejection)

Chronic Rejection

Central Perivenulitis/Parenchymal Rejection

Hepatic Artery Thrombosis

Graft-vs.-Host Disease

SECTION 9: TUMORS OF THE LIVER

Approach to Liver Biopsy for Mass Lesions

Hepatectomy Specimen Handling

Hepatocellular Adenoma

Focal Nodular Hyperplasia

Regenerative and Dysplastic Nodules

Hepatocellular Carcinoma and Variants

Fibrolamellar Carcinoma

Combined Hepatocellular-Cholangiocarcinoma

Hepatoblastoma
Bile Duct Adenoma
von Meyenburg Complex (Biliary Microhamartoma)
Mucinous Cystic Neoplasm, Liver
Intrahepatic Cholangiocarcinoma
Intrahepatic Cholangiocarcinoma, Histologic Subtypes
Intraductal Papillary Neoplasm of Bile Duct
Hemangioma
Angiomyolipoma
Hepatic Small Vessel Neoplasm/Anastomosing Hemangioma
Epithelioid Hemangioendothelioma
Infantile Hemangioma
Angiosarcoma
Mesenchymal Hamartoma
Embryonal Sarcoma
Inflammatory Pseudotumor
Segmental Atrophy (Nodular Elastosis)
Tumors Metastatic to Liver

SECTION 10: MISCELLANEOUS HEPATIC DISORDERS

Langerhans Cell Histiocytosis
Hemophagocytic Lymphohistiocytosis
Liver Involvement in Systemic Liver Diseases

PART II: PANCREAS AND BILIARY TRACT

SECTION 1: DEVELOPMENTAL/CONGENITAL DISORDERS

Congenital Pancreatic Cyst
Cystic Fibrosis, Pancreatic
Nesidioblastosis
Choledochal Cyst

SECTION 2: INFLAMMATORY DISORDERS OF THE GALLBLADDER AND EXTRAHEPATIC BILIARY TREE

Cholelithiasis
Acute Cholecystitis
Chronic Cholecystitis
Xanthogranulomatous Cholecystitis
Eosinophilic Cholecystitis
Polyarteritis Nodosa and Other Vasculitides
Parasitic Infection

SECTION 3: NONNEOPLASTIC AND INFLAMMATORY DISORDERS OF THE PANCREAS

Acute Pancreatitis
Chronic Pancreatitis
Autoimmune Pancreatitis

Groove Pancreatitis
Infectious Pancreatitis
Pseudocysts
Diabetes Mellitus
Lymphoepithelial Cyst of the Pancreas

SECTION 4: TUMORS OF THE GALLBLADDER AND EXTRAHEPATIC BILIARY TREE

Specimen Handling, Gallbladder
Mass-Forming Intracholecystic Neoplasm
Carcinoma of Gallbladder
Carcinoma of Extrahepatic Bile Ducts
Squamous/Adenosquamous Carcinoma, Gallbladder
Neuroendocrine Neoplasms of Gallbladder
Granular Cell Tumor
Embryonal Rhabdomyosarcoma
Adenomyoma
Nonneoplastic Polypoid Gallbladder Lesions

SECTION 5: TUMORS OF THE PANCREAS

Specimen Handling, Whipple
Pancreatic Intraepithelial Neoplasia
Ductal Adenocarcinoma, Including Histologic Subtypes
Undifferentiated Carcinoma
Adenosquamous Carcinoma, Pancreas
Acinar Cell Carcinoma
Serous Cystadenoma
Acinar Cystic Transformation of the Pancreas
Well-Differentiated Neuroendocrine Tumor, Pancreas
Poorly Differentiated Neuroendocrine Carcinoma, Pancreas
Genomic Diagnosis of Intrahepatic Hepatobiliary Tumors
Role of Genomics in Diagnosis of Pancreaticobiliary Tumors
Simple Mucinous Cyst
Mucinous Cystic Neoplasm, Pancreas
Intraductal Papillary Mucinous Neoplasm
Intraductal Oncocytic Papillary Neoplasm
Intraductal Tubulopapillary Neoplasm
Solid Pseudopapillary Neoplasm
Pancreatoblastoma
Dermoid Cyst

SECTION 6: TUMORS OF THE AMPULLA

Ampullary Adenoma
Ampullary Adenocarcinoma and Histologic Subtypes

Well-Differentiated Neuroendocrine Tumor, Ampulla

Composite Gangliocytoma/Neuroma and Neuroendocrine Tumor/Gangliocytic Paraganglioma