

Χαρακτηριστικά:

- Serves as a **one-stop resource** for key concepts and information on GI imaging, including a wealth of new material and content updates throughout
- Covers **all aspects of GI imaging**, including pathophysiology, imaging findings, and disease management options, such as the radiologist's role in evaluating patients for bariatric surgery, antireflux procedures, esophageal and bowel resections, and more
- Features **3,300+ high-quality print images (with an additional 2,100+ images in the complimentary eBook)**, including radiology images, detailed medical illustrations, and clinical photographs, as well as histology and gross pathology images
- Features **updates from cover to cover**, including new information on rectal MR, pelvic floor MR, and MR elastography; updated CT protocols; updated differential diagnoses; new cases and images; and new staging details and diagrams
- Contains a variety of **new chapters**, including Approach to Incidental Lymph Nodes on CT/MR: Summary of 2013 ACR Consensus Statement; Approach to Management of Incidental Splenic Lesions: Summary of 2013 ACR Consensus Statement; Management of Incidental Gallbladder and Biliary Findings: Summary of Consensus Statements; Management of Incidental Liver Lesions; Management of Pancreatic Cysts (with new guidelines); Summary of C-RADS for CT Colonography; and Summary of LI-RADS for CT and MR Imaging
- Uses **bulleted, succinct text and highly templated chapters** for quick comprehension of essential information at the point of care
- **Includes an eBook** that allows you access to everything in the print version as well as **additional images, text, and references**, with the ability to search, customize your content, make notes and highlights, and have content read aloud

Περιεχόμενα:

SECTION 1: ABDOMINAL MANIFESTATIONS OF SYSTEMIC CONDITIONS

Introduction and Overview

Imaging Approach to Abdominal Manifestations of Systemic Conditions

Infection

HIV/AIDS

Tuberculosis

Mononucleosis

Metabolic or Inherited

Cystic Fibrosis

Sickle Cell Anemia

Amyloidosis
Sarcoidosis

Vascular Disorders

Systemic Hypotension
Superior Vena Cava Obstruction
Vasculitis

Trauma

Foreign Bodies
Barotrauma

Transplantation

Posttransplant Lymphoproliferative Disorder

Malignant Neoplasms

Leukemia and Lymphoma
Approach to Incidental Lymph Nodes on CT/MR: Summary of 2013 ACR Consensus Statement
Metastatic Melanoma
Kaposi Sarcoma
Treatment Response Assessment

SECTION 2: PERITONEUM, MESENTERY, AND ABDOMINAL WALL

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Imaging Approach to Peritoneum, Mesentery, and Abdominal Wall

Infection

Abdominal Abscess

Inflammation

Peritonitis
Sclerosing Mesenteritis

Degenerative

Ascites
Omental Infarct

External Hernias

Inguinal Hernia
Femoral Hernia
Obturator Hernia
Ventral Hernia

Spigelian Hernia
Lumbar Hernia
Umbilical Hernia

Internal Hernias

Paraduodenal Hernia
Transmesenteric Postoperative Hernia
Bochdalek Hernia
Morgagni Hernia

Vascular Disorders

Portal Hypertension and Varices
Visceral Aneurysms and Pseudoaneurysms

Trauma

Traumatic Abdominal Wall Hernia
Traumatic Diaphragmatic Rupture

Treatment Related

Postoperative State, Abdomen
Abdominal Incision and Injection Sites
Peritoneal Inclusion Cyst

Benign Neoplasms

Lymphangioma (Mesenteric Cyst)
Desmoid

Malignant Neoplasms

Abdominal Mesothelioma
Peritoneal Metastases
Pseudomyxoma Peritonei

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Eventration and Paralysis of Diaphragm
Vicarious Excretion

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Imaging Approach to Esophagus

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Viral Esophagitis
Chagas Disease

Inflammation

Reflux Esophagitis
Barrett Esophagus
Caustic Esophagitis
Drug-Induced Esophagitis
Radiation Esophagitis
Eosinophilic Esophagitis
Epidermolysis and Pemphigoid

Degenerative

Esophageal Webs
Cricopharyngeal Achalasia
Esophageal Achalasia
Esophageal Motility Disturbances
Esophageal Scleroderma
Schatzki Ring
Hiatal Hernia

Vascular Disorders

Esophageal Varices

Esophageal Diverticula

Zenker Diverticulum
Intramural Pseudodiverticulosis
Traction Diverticulum
Pulsion Diverticulum

Trauma

Esophageal Foreign Body
Esophageal Perforation
Boerhaave Syndrome

Treatment Related

Esophagectomy: Ivor Lewis and Other Procedures

Benign Neoplasms

Intramural Benign Esophageal Tumors
Fibrovascular Polyp
Esophageal Inflammatory Polyp

Malignant Neoplasms

Esophageal Carcinoma

Esophageal Metastases and Lymphoma

SECTION 4: STOMACH

Introduction and Overview

Imaging Approach to Stomach

Congenital

Gastric Diverticulum

Inflammation

Gastritis

Gastric Ulcer

Zollinger-Ellison Syndrome

Ménétrier Disease

Caustic Gastroduodenal Injury

Degenerative

Gastroparesis

Gastric Bezoar

Gastric Volvulus

Treatment Related

Iatrogenic Injury: Feeding Tubes

Partial Gastrectomy: Billroth Procedures

Fundoplication Complications

Imaging of Bariatric Surgery

Benign Neoplasms

Gastric Polyps

Intramural Benign Gastric Tumors

Malignant Neoplasms

Gastrointestinal Stromal Tumor (GIST)

Gastric Carcinoma

Gastric Metastases and Lymphoma

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Prominent Duodenal Ampulla Mimicking Mass

Congenital

Duodenal Diverticulum

Inflammation

Duodenitis
Duodenal Ulcer
Brunner Gland Hyperplasia

Vascular Disorders

SMA Syndrome

Trauma

Gastroduodenal Trauma

Treatment Related

Aortoenteric Fistula

Benign Neoplasms

Duodenal Polyps

Malignant Neoplasms

Duodenal Carcinoma
Duodenal Metastases and Lymphoma

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Duplication Cyst
Small Bowel Diverticula
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Infection

Mesenteric Adenitis and Enteritis
Intestinal Parasites and Infestation
Opportunistic Intestinal Infections

Inflammation

Celiac-Sprue Disease
Whipple Disease
Mastocytosis
Crohn Disease
Intestinal Scleroderma
Intestinal (Angioneurotic) Angioedema
Small Bowel NSAID Stricture

Metabolic or Inherited

Intestinal Lymphangiectasia

Degenerative

Ileus
Small Bowel Obstruction
Pneumatosis of Intestine
Intussusception
Malabsorption Conditions
Gallstone Ileus
Enteric and Perianal Fistulae and Sinus Tracts

Vascular Disorders

Ischemic Enteritis

Trauma

Mesenteric and Small Bowel Trauma

Treatment Related

Postoperative State, Bowel
Radiation Enteritis and Colitis

Transplantation

Small Intestine Transplantation

Benign Neoplasms

Intramural (Mesenchymal) Intestinal Tumors
Ileocecal Valve Lipoma and Lipomatous Infiltration
Hamartomatous Polyposis Syndromes

Malignant Neoplasms

Carcinoid Tumor
Small Bowel Carcinoma
Intestinal Metastases and Lymphoma
Intestinal GIST

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Imaging Approach to Colon

Infection

Infectious Colitis
Neutropenic Colitis (Typhlitis)

Inflammation and Ischemia

Ulcerative Colitis
Toxic Megacolon
Ischemic Colitis
Appendicitis
Mucocele of Appendix
Colonic Diverticulosis
Diverticulitis
Epiploic Appendagitis

Degenerative

Sigmoid Volvulus
Cecal Volvulus
Colonic Ileus and Ogilvie Syndrome
Fecal Impaction and Stercoral Ulceration
Rectal Prolapse and Intussusception

Trauma

Colorectal Trauma

Benign Neoplasms

Tailgut Cyst
Colonic Polyps
Summary of C-RADS for CT Colonography
Villous Adenoma

Malignant Neoplasms

Colon Carcinoma
Rectal Carcinoma
Familial Adenomatous Polyposis
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Colonic Metastases and Lymphoma

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Introduction and Overview

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Normal Variants and Artifacts

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Congenital

Asplenia and Polysplenia

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Trauma

Splenic Trauma

Splenosis

Benign Neoplasms

Splenic Cyst

Primary Splenic Tumors

Malignant Neoplasms

Splenic Metastases and Lymphoma

Approach to Management of Incidental Splenic Lesions: Summary of 2013 ACR Consensus Statement

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Congenital

Congenital Hepatic Fibrosis
AD Polycystic Liver Disease
Variant Vascular and Biliary Anatomy of Liver

Infection

Hepatic Pyogenic Abscess
Hepatic TB and Fungal Infections
Hepatic Amebic Abscess
Hepatic Hydatid Cyst
Hepatic Schistosomiasis
Viral Hepatitis

Inflammation

Alcoholic Liver Disease
Autoimmune Hepatitis
Steatosis and Steatohepatitis
Hepatic Injury from Toxins
Cirrhosis
Primary Biliary Cholangitis
Focal Confluent Fibrosis
Nodular Regenerative Hyperplasia
Regenerative and Dysplastic Nodules
Solitary Necrotic Nodule
Peribiliary Cysts

Metabolic or Inherited

Glycogen Storage Disease
Hemochromatosis
Wilson Disease

Degenerative

Hepatomegaly

Vascular Disorders

Transient Hepatic Attenuation or Intensity Difference (THADs and THIDs)
Arterioportal Shunt
Portal Vein Occlusion
Passive Hepatic Congestion
Budd-Chiari Syndrome
Venoocclusive Disease
Infarction
738 Peliosis Hepatis

Hereditary Hemorrhagic Telangiectasia
HELLP Syndrome

Trauma

Hepatic Trauma

Treatment Related

Radiation-Induced Liver Disease
Postoperative Changes, Liver
Transjugular Intrahepatic Portosystemic Shunt (TIPS)
Hepatic Transplantation

Benign Neoplasms and Tumor-Like Conditions

Hepatic Cyst
Hepatic Cavernous Hemangioma
Focal Nodular Hyperplasia
Hepatic Adenoma
Biliary Hamartoma
Hepatic Angiomyolipoma
Hepatic Inflammatory Pseudotumor

Malignant Neoplasms

Summary of CT/MR LI-RADS 2018
Hepatocellular Carcinoma
Fibrolamellar Carcinoma
Epithelioid Hemangioendothelioma
Biliary Cystadenocarcinoma
Hepatic Angiosarcoma
Undifferentiated Sarcoma
Hepatic Metastases and Lymphoma
Management of Incidental Liver Lesions

SECTION 10: BILIARY SYSTEM

Introduction and Overview

Imaging Approach to Biliary System

Normal Variants and Artifacts

Biliary Normal Variants and Artifacts

Congenital

Congenital Abnormalities of Gallbladder
Caroli Disease
Choledochal Cyst

Infection

Recurrent Pyogenic Cholangitis
Ascending Cholangitis
Pancreatobiliary Parasites
AIDS Cholangiopathy
Gallbladder Hydrops and Empyema

Inflammation

Gallstones and Sludge
Acute Calculous Cholecystitis
Acalculous Cholecystitis
Xanthogranulomatous Cholecystitis
Emphysematous Cholecystitis
Mirizzi Syndrome
Hyperplastic Cholecystoses
Porcelain Gallbladder
Milk of Calcium Bile
Autoimmune (IgG4) Cholangitis
Primary Sclerosing Cholangitis

Degenerative

Biloma

Vascular Disorders

Ischemic Bile Duct Injury

Trauma

Biliary Trauma

Treatment Related

Chemotherapy-Induced Cholangitis
Imaging of Postoperative Biliary Tree

Benign Neoplasms and Tumor-Like Conditions

Gallbladder Polyps
Management of Incidental Gallbladder and Biliary Findings: Summary of Consensus Statements

Malignant Neoplasms

Gallbladder Carcinoma
Ampullary Carcinoma
Biliary Metastases and Lymphoma
Biliary Papillomatosis
Biliary IPMN

SECTION 11: PANCREAS

Introduction and Overview

Imaging Approach to Pancreas

CONGENITAL

Agenesis of Dorsal Pancreas
Annular Pancreas
Pancreas Divisum
Asymmetric Fatty Lobulation of Pancreas
Ectopic Pancreatic Tissue

INFLAMMATION

Acute Pancreatitis and Complications
Chronic Pancreatitis
Groove Pancreatitis
Autoimmune (IgG4) Pancreatitis

Degenerative

Pancreatic Lipomatous Pseudohypertrophy

Trauma

Pancreatic Trauma

Treatment Related

Imaging of Postoperative Pancreas
Pancreatic Transplantation

Benign Neoplasms and Tumor-Like Conditions

Pancreatic Serous Cystadenoma
Nonneoplastic Pancreatic Cysts
Management of Pancreatic Cysts

Malignant Neoplasms

Pancreatic Ductal Carcinoma
Mucinous Cystic Pancreatic Tumor
Pancreatic IPMN
Pancreatic Neuroendocrine Tumors

Pancreatic Solid and Pseudopapillary Neoplasm
Pancreatic Metastases and Lymphoma
Atypical and Rare Pancreatic Tumors