

Χαρακτηριστικά:

- **New and expanded discussions** of eosinophilic disorders, MASLD (metabolic dysfunction-associated steatotic liver disease, formerly known as non-alcoholic fatty liver disease); the use of AI in endoscopy for improved detection of GI cancers; new treatments for viral hepatitis and autoimmune liver diseases; the expanded array of new treatments for inflammatory bowel disorders; and more
- **New chapters** on Gastrointestinal and Hepatic Manifestations of Coronavirus Infection; Enterocolitis and Hepatitis Induced by Cancer Immunotherapy, and a new section on Neoplasia Involving Multiple Organs
- Reliable coverage of a wide range of **endoscopic procedures for diagnosis and treatment**, including balloon dilatation, stent placement/removal, and the management of small bowel angioectasia
- **Quick-reference algorithms** that summarize clinical decision making and practical approaches to patient management
- A consistent, templated format throughout the text that enables quick retrieval of information, and **more than 20 videos** of endoscopic procedures
- **An eBook version is included with purchase.** The eBook allows you to access all of the text, figures and references, with the ability to search, customize your content, make notes and highlights, and have content read aloud. Additional digital ancillary content may publish up to 6 weeks following the publication date

Περιεχόμενα:

Part I: Biology of the Gastrointestinal Tract

1. Cellular Growth and Neoplasia
2. Mucosal Immunology and Inflammation
3. The Enteric Microbiota
4. Gut Sensory Transduction
5. Biopsychosocial Issues in Gastroenterology

Part II: Nutrition in Gastroenterology

6. Nutritional Principles and the Assessment of the Gastroenterology Patient
7. Nutritional Management
8. Obesity
9. Surgical and Endoscopic Treatment of Obesity
10. Feeding and Eating Disorders
11. Food Allergies

Part III: Symptoms and Signs

12. Acute Abdominal Pain
13. Chronic Abdominal Pain

14. Symptoms of Esophageal Disease
15. Dyspepsia
16. Nausea and Vomiting
17. Diarrhea
18. Intestinal Gas
19. Fecal Incontinence
20. Constipation
21. Gastrointestinal Bleeding
22. Jaundice
23. Factitious Gastrointestinal Disease

Part IV: Processes Involving Multiple Organs

24. Oral Diseases and Oral Manifestations of Gastrointestinal and Liver Diseases
25. Cutaneous Manifestations of Gastrointestinal and Liver Diseases
26. Diverticula of the Pharynx, Esophagus, Stomach, and Small Intestine
27. Abdominal Hernias and Gastric Volvulus
28. Foreign Bodies, Bezoars, and Caustic Ingestions
29. Abdominal Abscesses and Gastrointestinal Fistulas
30. Eosinophilic Disorders of the Gastrointestinal Tract
31. Protein-Losing Gastroenteropathy
32. Gastrointestinal and Hepatic Manifestations of Coronavirus Infection
33. Gastrointestinal Consequences of Infection with Human Immunodeficiency Virus
34. Gastrointestinal and Hepatic Complications of Solid Organ and Hematopoietic Cell Transplantation
35. Gastrointestinal and Hepatic Manifestations of Systemic Diseases
36. Vascular Lesions of the Gastrointestinal Tract
37. Surgical Peritonitis and Other Diseases of the Peritoneum, Mesentery, Omentum, and Diaphragm
38. Gastrointestinal and Hepatic Disorders in the Pregnant Patient
39. Acute and Chronic Gastrointestinal Side Effects of Radiation Therapy
40. Preparation for and Complications of GI Endoscopy

Part V: Neoplasia Involving Multiple Organs

41. Gastrointestinal Lymphomas
42. Gastrointestinal Stromal Tumors
43. Neuroendocrine Tumors
44. Enterocolitis and Hepatitis Induced by Cancer Immunotherapy

Part VI: Esophagus

45. Anatomy, Histology, Embryology, and Developmental Anomalies of the Esophagus
46. Esophageal Neuromuscular Function and Motility Disorders
47. Esophageal Disorders Caused by Medications, Trauma, and Infection
48. Gastroesophageal Reflux Disease
49. Barrett's Esophagus
50. Esophageal Tumors

Part VII: Stomach and Duodenum

51. Anatomy, Histology and Developmental Anomalies of the Stomach and Duodenum
52. Gastric Neuromuscular Function and Neuromuscular Disorders
53. Gastric Secretion
54. Gastritis and Gastropathy
55. Peptic Ulcer Disease
56. Adenocarcinoma of the Stomach and Other Gastric Tumors

Part VIII: Pancreas

57. Anatomy, Histology, Embryology, and Developmental Anomalies of the Pancreas
58. Pancreatic Secretion
59. Genetic Disorders of the Pancreas and Pancreatic Disorders in Childhood
60. Acute Pancreatitis
61. Chronic Pancreatitis
62. Pancreatic Cancer, Cystic Pancreatic Neoplasms, and Other Nonendocrine Pancreatic Tumors
63. Endoscopic Treatment of Pancreatic Disease

Part IX: Biliary Tract

64. Anatomy, Histology, Embryology, Developmental Anomalies, and Pediatric Disorders of the Biliary Tract
65. Biliary Tract Motor Function and Dysfunction
66. Bile Formation and Bile Acid Cycling in Health and Disease
67. Gallstone Disease
68. Treatment of Gallstone Disease
69. Acalculous Biliary Pain, Acute Acalculous Cholecystitis, Cholesterolosis, Adenomyomatosis, and Gallbladder Polyps
70. Primary and Secondary Sclerosing Cholangitis
71. Tumors of the Bile Ducts, Gallbladder, and Ampulla
72. Endoscopic and Radiologic Treatment of Biliary Disease

Part X: Liver

73. Embryology, Anatomy, Histology, and Developmental Anomalies of the Liver
74. Liver Physiology and Energy Metabolism
75. Liver Chemistry and Function Tests
76. Overview of Cirrhosis
77. Hemochromatosis
78. Wilson Disease
79. Other Inherited Metabolic Disorders of the Liver
80. Hepatitis A
81. Hepatitis B
82. Hepatitis C
83. Hepatitis D
84. Hepatitis E
85. Hepatitis Caused by Other Viruses

86. Bacterial, Parasitic, and Fungal Infections of the Liver, including Liver Abscess
87. Vascular Diseases of the Liver
88. Alcoholic-Associated Liver Disease
89. Metabolic dysfunction-associated steatotic liver disease/Nonalcoholic fatty liver disease
90. Liver Disease Caused by Drugs
91. Liver Disease Caused by Anesthetics, Chemicals, Toxins, and Herbal and Dietary Supplements
92. Autoimmune Hepatitis
93. Primary Biliary Cholangitis
94. Portal Hypertension and Variceal Bleeding
95. Ascites and Spontaneous Bacterial Peritonitis
96. Hepatic Encephalopathy, Hepatorenal Syndrome, Hepatopulmonary Syndrome, and Other Systemic Complications of Liver Disease
97. Acute Liver Failure
98. Hepatic Tumors and Cysts
99. Liver Transplantation

Part XI: Small and Large Intestine

100. Anatomy, Histology, Embryology, and Developmental Anomalies of the Small and Large Intestine
101. Small Intestinal Motor and Sensory Function and Dysfunction
102. Colonic Motor and Sensory Function and Dysfunction
103. Intestinal Electrolyte Absorption and Secretion
104. Digestion and Absorption of Carbohydrate, Protein, and Fat
105. Digestion and Absorption of Micronutrients
106. Maldigestion and Malabsorption
107. Small Intestinal Bacterial Overgrowth
108. Short Bowel Syndrome
109. Celiac Disease
110. Tropical Diarrhea and Malabsorption
111. Whipple Disease
112. Infectious Enteritis and Proctocolitis
113. Food Poisoning
114. Antibiotic-Associated Diarrhea and Clostridium difficile Infection
115. Intestinal Protozoa
116. Intestinal Worms
117. Epidemiology, Pathogenesis and Diagnosis of Inflammatory Bowel Diseases
118. Management of Inflammatory Bowel Diseases
119. Ileostomies, Colostomies, and Anastomoses
120. Intestinal Ischemia
121. Intestinal Ulcerations
122. Appendicitis
123. Diverticular Disease of the Colon
124. Irritable Bowel Syndrome
125. Intestinal Obstruction
126. Ileus and Pseudo-Obstruction Syndromes

- 127. Tumors of the Small Intestine
- 128. Colonic Polyps and Polyposis Syndromes
- 129. Colorectal Cancer
- 130. Other Diseases of the Colon
- 131. Anal Diseases

Part XII: Additional Treatments for Patients with Gastrointestinal and Liver Disease

- 132. Complementary, Alternative, and Integrative Medicine
- 133. Palliative Care Medicine in Patients with Advanced Gastrointestinal and Hepatic Disease