

Part One Pediatric Endoscopy Setting 1

- 1 Introduction 3
- 2 History of pediatric gastrointestinal endoscopy 5
- 3 The endoscopy unit 11
- 4 Pediatric procedural sedation and general anesthesia for gastrointestinal endoscopy 15
- 5 Pediatric endoscopy training and ongoing assessment 23
- 6 Recertification and revalidation as concepts in pediatric endoscopy 31
- 7 The role of the Global Rating Scale in pediatric endoscopy 33
- 8 Quality indicators as a critical part of pediatric endoscopy provision 37
- 9 e-learning in pediatric endoscopy 41

Part Two Diagnostic Pediatric Endoscopy 43

- 10 Indications for gastrointestinal endoscopy in childhood 45
- 11 Diagnostic upper gastrointestinal endoscopy 53
- 12 Pediatric ileocolonoscopy 77
- 13 Handling of specimens and orientation of biopsies 113
- 14 Enteroscopy 117
- 15 Wireless capsule endoscopy 129
- 16 Endoscopic ultrasonography 141
- 17 Chromoendoscopy 157
- 18 Confocal laser endomicroscopy in the diagnosis of pediatric gastrointestinal disorders 167
- 19 High-risk pediatric endoscopy 175

Part Three Pediatric GI Pathologies and the Role of Endoscopy in Their Management 183

- 20 Esophagitis 185
- 21 Eosinophilic esophagitis 195
- 22 Gastritis and gastropathy 201
- 23 Celiac disease 207
- 24 Role of endoscopy in inflammatory bowel disease including scoring systems 213

Part Four Therapeutic Pediatric Endoscopy 221

- 25 Endoscopic management of esophageal strictures 223
- 26 Endoscopic management of caustic ingestion 235
- 27 Pneumatic balloon dilation and peroral endoscopic myotomy for achalasia 241
- 28 Endoscopic approaches to the treatment of gastroesophageal reflux disease 249
- 29 Foreign body ingestion 261
- 30 Non-variceal endoscopic hemostasis 269
- 31 Variceal endoscopic hemostasis 279
- 32 Endoscopic approach to obscure gastrointestinal bleeding lesions 287
- 33 Percutaneous endoscopic gastrostomy 295
- 34 Single-stage percutaneous endoscopic gastrostomy 305
- 35 Pediatric laparoscopic-assisted direct percutaneous jejunostomy 317

- 36 Naso-jejunal and Gastro-jejunal tube placement 323
- 37 Endoscopic retrograde cholangiopancreatography 325
- 38 Endoscopic drainage of pancreatic pseudocysts 343
- 39 Duodenal web division by endoscopy 347
- 40 Polypectomy 351
- 41 Endomucosal resection 361
- 42 Endoscopic management of polyposis syndromes 371
- 43 Transnasal gastrointestinal endoscopy 377
- 44 Endoscopic bariatric approaches 387
- 45 Over-the-scope clip and full-thickness resection device 393
- 46 Endoscopic treatment of gastrointestinal bezoars 397
- 47 Natural orifice transendoluminal surgery 401