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Titolo	Gastrointestinal and Pancreatico-Biliary Diseases: Advanced Diagnostic and Therapeutic Endoscopy [[electronic resource] /] / edited by Pier Alberto Testoni, Haruhiro Inoue, Michael B. Wallace
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Nota di contenuto	PART 1: DISEASES OF GASTROINTESTINAL TRACT: Diagnosis and therapy of upper G.I. neoplasia and pre-cancerous conditions: Advanced imaging techniques and in vivo histology: current status and future perspectives. Endoscopic ultrasonography for preoperative staging upper G.I. tract lesions. Endoscopic characterization of esophageal lesions and resection strategy. Endoscopic management of esophageal squamous cell carcinoma. Endoscopic resection of squamous cell carcinoma: techniques. Management of Barrett's esophagus. Radiofrequency ablation of Barrett's epithelium. Cryotherapy and argon ablation of Barrett's epithelium. Resection techniques in Barrett's esophagus. Endoscopic characterization of gastric and duodenal lesions and resection strategy. Endoscopic mucosal resection of gastric and duodenal lesions. Endoscopic submucosal dissection of gastric lesions. Resection of submucosal lesions of the stomach and duodenum: full-thickness resection (EFTR), submucosal tunneling resection (STER), and Ovesco. Vater's papilla neoplasia: endoscopic ultrasonography for preoperative staging. Papillectomy and ampullectomy -- Diagnosis and therapy of lower G.I. neoplasia and pre-cancerous conditions: Enteroscopy: devices and

techniques. Endoscopic therapy of small bowel lesions. Advanced imaging techniques and in vivo histology: current status and future perspectives. Innovations in colonoscopy. Endoscopic characterization of colorectal lesions and resection strategy. Endoscopic mucosal resection of colorectal lesions. Endoscopic submucosal dissection of colorectal lesions. Hybrid technique for difficult colorectal lesions. Endoscopic ultrasonography for preoperative staging of rectal lesions. Endoscopic resection of large rectal lesions: ESD vs TEM. Full-thickness resection of colo-rectal lesions: indications, techniques and outcomes. Piecemeal EMR vs ESD for large colo-rectal lesions; pros and cons. Colonoscopy surveillance after adenoma removal: current guidelines. Management of colonic neoplasia: cost-effectiveness and outcomes of endoscopic therapy. Endoscopic repair after resection and treatment of complications. Future technologies for treatment of G.I. tract lesions -- Therapy of motor disorders of gastrointestinal tract: Endoscopic myotomy and septotomy for Zenker's diverticulum (Z-POEM). Peroral endoscopic myotomy (POEM) for achalasia: indications, techniques and outcomes. Stenting and techniques alternative to POEM for achalasia. Peroral endoscopic myotomy (POEM) for esophageal motility disorders: indications, techniques and outcomes. Endoscopic pyloromyotomy (G-POEM): indications, techniques and outcomes -- Therapy of gastro-esophageal reflux disease: Transoral incisionless fundoplication. Antireflux mucosectomy: techniques and outcomes. Endoscopic augmentation of G-E junction by full-thickness suturing device. Stretta procedure -- Bariatric endotherapy: Endoscopic treatment for obesity and weight management: state of the art. Intra-gastric balloons. Endoscopic sleeve gastropasty. Endoscopic gastropasty techniques. Aspiration therapy. Endoscopic duodenal techniques for treatment of obesity and type 2 diabetes. Endoscopic management of complications of bariatric therapy. Endoscopic management of weight regain. Therapy of gastrointestinal strictures: Self expanding stents: present and future. Endoscopic management of malignant esophageal strictures. Endoscopic management of cervical esophageal strictures. Endoscopic management of benign esophageal strictures. Biodegradable self-expandable stents for benign strictures: indications and outcomes. Endoscopic stenting for gastric outlet obstruction. Endoscopic ultrasound (EUS)-guided gastroenterostomy (EUS-GE). Enteroscope-assisted small bowel stenting. EUS-guided intestinal by-pass procedures. Endoscopic management of malignant colorectal strictures. Colorectal stenting as bridge to surgery. Endoscopic management of benign colorectal strictures -- Therapy of fistulae and bleeding: Techniques for fistula repair in the G.I. tract. Stem cells for tissue repair in the G.I. tract. Techniques for management of acute G.I. non variceal bleeding. Stenting for variceal bleeding -- PART 2: DISEASES OF PANCREAS AND BILIARY DUCTAL SYSTEM: Diagnosis and therapy of biliary ductal system diseases: Difficult biliary cannulation: definition and therapeutic algorithm. Precutting and septotomy techniques. ERCP in surgically altered anatomy. EUS- and enteroscopy-assisted ERCP. ERCP in childhood. Advanced intraductal biliary imaging: OCT, confocal endomicroscopy. Choledochoscopy: imaging, techniques and innovation. Treatment of sphincter of Oddi dysfunction. Treatment of difficult bile duct stones. Treatment of benign biliary strictures. Endoscopic management of primary sclerosing cholangitis. Stenting of malignant biliary strictures. Innovation in biliary stents. Intraductal radiofrequency (RFA) therapy in biliary neoplasia. Intraductal photodynamic therapy in biliary neoplasia. EUS-guided biliary drainage. EUS-guided bilio-enteric anastomosis. Treatment of biliary leaks and fistulae. Diagnosis and therapy of pancreatic diseases: Pancreatic

sphincterotomy: technique. Minor papilla cannulation and sphincterotomy: technique. EUS-guided pancreatic duct cannulation. Advanced pancreatic intraductal imaging. Pancreatoscopy: imaging, techniques and innovations. Endoscopic management of acute recurrent pancreatitis. Endoscopic therapy of pancreas divisum. Endoscopic therapy of chronic pancreatitis. Innovation in pancreatic stents. Trans-papillary drainage of pseudocysts. EUS-guided drainage of pseudocysts. Endoscopic management of complications of acute pancreatitis. Endoscopic treatment of pancreatic leaks and fistulae. EUS-guided gastro-pancreatic anastomosis. Endoscopic treatment of “walled off” necrosis. EUS-guided management of pancreatic IPMN. US characterization of pancreatic masses. Endoscopic treatment of pancreatic cancer. EUS-guided thermal ablation of pancreatic masses. EUS-guided cryo-thermal ablation of pancreatic masses. .

Sommario/riassunto

This unique book is the first to focus on diagnostic and therapeutic endoscopy in gastrointestinal and pancreatobiliary diseases. It provides an in-depth overview of the state of the art in diagnostic and therapeutic endoscopy of both the digestive tract and the pancreatobiliary ductal system, and documents the latest innovations in the field. The first part of the book addresses advanced diagnostic and therapeutic endoscopy of the digestive tract, discussing bariatric endoscopic surgery, and the treatment of neoplasia and precancerous lesions of the upper and lower GI tract, motor disorders, GERD, strictures, fistulae and bleeding. The second part of the book is explores ERCP and EUS procedures, covering the diagnosis and therapy of biliary ductal system and pancreatic diseases. Each chapter includes an abundance of color images that document in detail the devices, operative techniques and outcomes. Written by leading internationally renowned experts, the book is a valuable resource for both specialists and residents in gastroenterology and surgery.
