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Titolo	The SAGES manual operating through the endoscope // Matthew Kroh [and four others]
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Edizione	[Second edition.]
Descrizione fisica	1 online resource (999 pages)
Disciplina	617.05
Soggetti	Endoscopic surgery
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Interface Between Therapeutic Gastrointestinal Endoscopy and Endoscopic -- Gastrointestinal Surgery -- Endoscopic Tools: Instruments -- Operating Platforms for Surgical Endoscopy -- Endolumenal Electrosurgical Energy -- Endoscopic Training – Surgeon and GI Paradigms -- Advanced Training and Certifications in Endoscopy -- Upper Gastrointestinal Tract Bleeding. Stricture Management: Interventional Options -- Upper Gastrointestinal Tract Leaks -- Endoscopic Treatment of Gastrointestinal Leaks -- Lower Gastrointestinal Tract Bleeding -- Endoscopic Stenting for Malignant Colorectal Obstruction -- Interventional Procedures for Inflammatory Bowel Disease -- Enteral Access: Percutaneous Endoscopic Gastrostomy, Gastrostomy -Jejunostomy, and Jejunostomy -- Barrett's Esophagus Surveillance - WATS, real-time endoscopic microscopy -- Barrett's Esophagus Treatment – Radiofrequency and other Ablation Modalities -- Endolumenal Gastroesophageal Reflux Disease Therapies -- Endomucosal Resection of the Upper GI Tract -- Endoscopic Mucosal Resection Colon and Rectum -- Endoscopic Submucosal Dissection: Upper Gastrointestinal Tract -- Endoscopic Submucosal Dissection in Colon and Rectum -- Peroral Endoscopic Myotomy (POEM) -- Intramural Surgery Per-Oral Endoscopic Myotomy for Zenker's Diverticulum (Z-POEM) -- Intramural Surgery: Per-Oral Pyloromyotomy -- Per-oral Endoscopic Tunneling for Restoration of the Esophagus (POETRE) -- Operating through the Endoscope -Endoscopic Full-

Thickness Resection -- Submucosal Tunneling Endoscopic Resection of GI Submucosal Tumors -- Thoracic Applications Per Oral Plication of the Esophagus (POPE) -- Thoracic Applications: Endoscopic Approaches to Benign Esophagorespiratory Fistula Closure -- Endoscopic Ultrasound (EUS) Guided Biliary Drainage -- EUS-directed Transgastric ERCP (EDGE Procedure) for Management of Choledocholithiasis in Post-Gastric Bypass Anatomy -- Advanced EUS: Future Applications -- Cholangioscopy -- Role of Endoscopic Bariatric Therapies in a Comprehensive Multidisciplinary Metabolic and Bariatric Program -- Endoscopic Anatomy of the Bariatric Patient -- Intra-gastric Balloon Therapy -- Endoscopic Liners (Duodenojejunal Bypass Liner, Gastroduodenojejunal Bypass Sleeve) -- Endoscopic Sleeve Gastroplasty -- New technologies to treat obesity and related comorbidities -- Endoscopic Bariatric Revisional Procedures -- ERCP and the Bariatric Patient -- Hybrid Laparoscopic and Endoscopic Techniques: Upper Gastrointestinal Tract -- Hybrid Laparoscopic and Endoscopic Techniques: Colon and Rectum -- Natural Orifice Translumeinal Endoscopic Surgery (NOTES™) -- Artificial Intelligence in Endoscopy -- Advanced Imaging Through The Endoscope -- Robotics in Endoscopy/Tele-Endoscopy -- Future Horizons in Flexible Endoscopy.

Sommario/riassunto

In 2016 the first edition of the SAGES Manual Operating through the Endoscope was published. At the time, this represented a review of cutting-edge new technologies that were being introduced within the field of flexible endoscopy. Largely based on applications and data up to 2013, this served as a unique resource for clinicians and researchers to learn about this expanding field. Since then, there has been a significant expansion of new technologies and procedures within this discipline that have meaningfully changed this entire sub-specialty. In addition, large numbers of high-quality data have emerged that support more heartily the safety and efficacy of these techniques. Major international societies now routinely include hands-on training and scientific content of this field in meetings and educational efforts, and many trainees and practitioners are looking for resources to improve their knowledge and technical skills sets. This text is designed to present a comprehensive and state-of-the-art approach to the diverse applications of surgical techniques and procedures through the endoscopic platform. Written by experts and emerging specialists in that field, each of these sections addresses patient selection, pre-operative considerations, technical conduct of the most common operations, and avoiding complications. A review of the existing literature addressing the particular topic follow in each section. Extensive endoscopic images and illustrations will make this an interactive text. In addition to updates on most topics in the previous manual, this edition includes exciting new fields of advanced imaging, artificial intelligence and augmented imaging, applications of robotics to endoscopy, and more robust exposure of endoscopic applications for treatment of obesity, a worldwide epidemic. The subject of surgical endoscopy has changed meaningfully since publication of the first edition; now a substantial focus of major journals, scientific meetings, and online platforms. A timely update can capture this broad subject in an accessible manual focused on technologies and data supporting these interventions.
