

Special Issue

Advances in Gastrointestinal Endoscopy

Message from the Guest Editor

The most significant advances in diagnostic gastrointestinal (GI) endoscopy have been image-enhanced endoscopy and endocytoscopy/endomicroscopy, which require specialized expertise. Looking ahead, the future of diagnostic endoscopy may shift towards artificial intelligence, potentially reducing human error and optimizing efficiency.

Endoscopic ultrasound's (EUS) utility is expanding rapidly with accessory and instrumentation advancements. Innovations like EUS-guided gastroenterostomy and gallbladder drainage complement EUS-guided core biopsy. In cases where conventional ERCP fails, EUS-guided pancreaticobiliary drainage provides an alternative to traditional methods.

Challenges remain in some areas, such as cholangioscopy, gastroesophageal reflux management, and bariatric and metabolic endoscopy.

Mastering these procedures requires cutting-edge technology and significant educational investment. Certain devices and techniques may require further validation through research for efficacy and safety. With these considerations, we propose the Special Issue, that will deepen our collective understanding of and improve treatment outcomes in this evolving field.

Guest Editor

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