

Preface

The art and science of gastrointestinal endoscopy is rapidly evolving and great strides have been made during the last decade. Initially introduced as a purely diagnostic tool, the endoscope has morphed into a conduit for tools with fascinating diagnostic and therapeutic applications. A deeper understanding of the pathophysiology of gastrointestinal diseases coupled with the changing epidemiology of diseases such as obesity and esophageal adenocarcinoma have stimulated this growth. As endoscopy transcends traditional boundaries, quantum leaps in imaging, power storage, wireless transmission and biomedical engineering, and advances in minimally invasive surgery have served as the foundation for fascinating improvements. Ultimately, patient preference for less invasive options to treat diseases traditionally in the surgical domain, and a desire to reduce morbidity and mortality arising from older management strategies have been at the heart of the gastrointestinal endoscopy revolution.

This comprehensive treatise on cutting edge tools and research provides a fascinating insight into the rapidly evolving field of diagnostic and therapeutic endoscopy. Accomplished international researchers and clinicians will discuss the latest endoscopic advances in diverse areas including obesity and associated metabolic syndromes, management of peripancreatic fluid collections, endoluminal suturing techniques, fistula closure, management of Barrett's epithelium, cholangioscopy, chromoendoscopy, high resolution manometry, and advances in endoscopic ultrasonography.

The authors aim to provide the reader with a comprehensive insight into the new endoscopic revolution that has captured the imagination of patients and physicians alike. This book encapsulates technologies that will leave an indelible mark on the evolving role of endoscopic management of gastrointestinal and metabolic diseases.

My family (Madhavi, Preeti, and Pallavi) has always encouraged my academic pursuits and shared the thrill of practicing cutting edge interventional endoscopy—I thank them for enjoying this exciting journey.

Sreenivasa S. Jonnalagadda, MD

Gastrointestinal Endoscopy

New Technologies and Changing Paradigms

Jonnalagadda, S.S. (Ed.)

2015, X, 222 p. 91 illus., 64 illus. in color., Hardcover

ISBN: 978-1-4939-2031-0