

Book description

Pediatric gastrointestinal endoscopy has been greatly improving since its introduction and it is continuously evolving due to the tools' improvement and the specific training of the staff. Currently this technique can be performed in children of all age including preterm infants.

This book illustrates the specific performance techniques of gastrointestinal endoscopy in pediatric age both with regard to diagnosis of gastrointestinal pathologies and their operative use in upper and lower gastrointestinal tract. One of the most famous international pediatric endoscopists tells us the history of pediatric GI endoscopy, its achievements, and where it is going to. Moreover in the first part of the book the preparatory stages to gastrointestinal endoscopy are widely discussed.

Afterwards, specific chapters discuss the examination of the ileum with new instruments from single- and double-balloon enteroscopy to wireless capsule endoscopy. Furthermore some authoritative authors illustrate the management of GI endoscopy in particular situations such as cystic fibrosis, gastrointestinal tumours, graft-versus host disease, and some others deal with the management of complications that can occur during endoscopic procedures. Finally a special focus is given on endoscopic ultrasound and the application of new optical techniques, fields continuously evolving both in technology tools and in diagnostic applications mainly in pediatric age.