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Titolo	Colon, Rectum and Anus: Anatomic, Physiologic and Diagnostic Bases for Disease Management / / edited by Carlo Ratto, Angelo Parella, Lorenza Donisi, Francesco Litta
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Collana	Coloproctology, , 2511-8161 ; ; 1
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Soggetti	Colon (Anatomy) - Surgery Proctology Surgery Gastroenterology Cancer - Treatment Radiology Colorectal Surgery General Surgery Cancer Therapy
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Nota di contenuto	An Introduction to Coloproctology -- A Surgeon for the Pelvic Floor: Dream or Reality? -- Anatomy -- Surgical Anatomy of the Colon, Rectum and Anus -- Topographic Anatomy of the Colon and Rectum: Tips and Tricks in Laparoscopic and Robotic Surgery -- Topographic Anatomy in Proctologic Surgery -- Physiology -- Physiology of the Colon -- Physiology of the Rectum and Anus -- Factors Affecting the Intestinal Physiology -- Factors Affecting the Defecation and Anal Continence.-Anal Surgery: Organ and Function Preservation -- Diagnosis -- Patient's History Data Collection in Coloproctology -- Visiting a Coloproctology Patient: Rules and Suggestions -- Signs and Symptoms in Coloproctology: Data Collection and Scores -- Diagnosis in Coloproctology: From the General Practitioner to the Tertiary Referral Center -- Instruments for the In-Office Diagnosis -- Colonic and Rectal

Endoscopy -- Colonic and Rectal Endosonography.-Radiologic Imaging of Colo-Recto-Anal Disfunctions: Procedures and Indications -- Ultrasound of the Colon and Rectum: Procedures and Indications -- Anorectal Manometry -- Electrophysiological Study of the Pelvic Floor -- Integration of Diagnostics in Proctology: Assessment, Choice of Treatment, and Evaluation of Results -- Pathologic Evaluation of Colo-Recto-Anal Samples: Procedures and Clinical Significance.-Specifics and Pitfalls in Diagnosis of Inflammatory Bowel Diseases.-Diagnostic Algorithm for Constipation and Obstructed Defecation.

Sommario/riassunto

This is the first volume in the new Springer Major Reference Work series entitled Coloproctology. The book covers key topics in the anatomy and physiology of the colon, rectum and anus and the diagnosis of colorectal/anal diseases and disorders. It thus forms a sound basis for further volumes in the series that will focus on the treatment of more specific clinical conditions. The subjects addressed in the volume are crucial to effective patient management and the book highlights the fact that adequate diagnostic assessment of a given disease is significantly related to the pathophysiologic interpretation of the pathologic process. The purpose of the volume is to provide readers with up-to-date knowledge on colorectal and anal anatomy and physiology, particularly from a treatment perspective and to describe the methodology to be employed in choosing the best diagnostic work-up in coloproctology.
