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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Foreword; Preface to the Second Edition; Contents; Contributors; 1: The Evolving Treatment of Rectal Cancer; Introduction; Origins of Rectal Cancer Treatment; Early Extirpative Procedures: Perineal, Sacral and Vaginal Approaches; Emergence of the Abdominoperineal Resection; Advent of Restorative Procedures; Sphincter Preservation and Pouch Surgery; Total Mesorectal Excision and Autonomic Nerve Preservation; Combined Multimodality Therapy; Other Forms of Therapy: Local Treatments and Transanal Excision; The Emergence of Minimally Invasive Procedures Surgery for Locally Recurrent Disease Future Perspectives; References; 2: Epidemiology and Burden of Rectal Cancer; Incidence of Rectal Cancer; Geographical Variations; Temporal Trends; Mortality Rates

and Trends; Cancer Survival and Prognosis; Non-modifiable Risk Factors; Age; Personal History of Adenomatous Polyps; Personal History of Inflammatory Bowel Disease; Family History of Colorectal Cancer or Adenomatous Polyps; Inherited Genetic Risk; Environmental Risk Factors; Nutritional Practices; Physical Activity and Obesity; Cigarette Smoking; Heavy Alcohol Consumption
Economics and Financial Issues Conclusion; References; 3: Anatomy and Physiology of the Rectum and Anus; Introduction; Structural Overview; Embryological Overview; Embryology of the Anorectum; Anatomy of the Rectum; Blood Supply to the Rectum; Venous Drainage of the Rectum; Operative Significance; Lymphatic Drainage of the Rectum; Nerve Supply to the Rectum; Fascial Layers of the Pelvis; Posterior Compartment; Anterior Compartment; Oncological and Functional Significance of the Mesorectal Fascia; Anatomy of the Anus; Anal Mucosa; Anal Submucosa; Anal Sphincter Complex
The Pelvic Floor Nerve Supply; The Perineum; Operative Significance; Defecatory Physiology of the Rectum and Anus; Muscular Function; Recto-Anal Inhibitory Reflex (RAIR); Anorectal Sensation; Rectal Cancer Management Implications; Conclusion; Further Reading; 4: Pathology and Staging of Rectal Cancer; Introduction; Rectal Cancer Specimen Handling; Transanal Excision/Transanal Endoscopic Microsurgery (TEM); Mesorectal Excisions; Lymph Node Dissection; Histological Features of Rectal Cancer and Their Prognostic/Predictive Significance; Histologic Types; Tumor Grading
Invasive Growth Pattern and Lymphocytic Infiltration Microsatellite Instability-High Morphology; Tumor Budding; Lymphatic and Venous Invasion; Perineural Invasion; Tumor Deposits; Serosal (Peritoneal) Involvement; Circumferential (Radial) Resection Margin (CRM); Neoadjuvant Therapy Effect; The Staging of Rectal Cancer; Dukes Staging System; TNM Staging System; TNM Descriptors; T Category Considerations; N Category Considerations; M Category Considerations; Anatomic Stage/Prognostic Groups; Site-Specific Prognostic Factors and Molecular Markers; Summary; References
5: Genetics, Screening, and Chemoprevention

Sommario/riassunto

Since the last edition of this book, there has been great progress in all matters relating to rectal cancer. This edition is a revision and update of a gradually changing field in which the surgeon, medical oncologist, and radiation oncologist cannot function without the other. Modern Management of Cancer of the Rectum deals with every aspect of rectal cancer. Its overall view is delivered by an internationally recognized panel of experts, all of whom are leaders in their field. Each chapter reflects advances in medical oncology and surgical techniques that have changed the management of rectal cancer. This book will provide practicing surgeons, surgeons in training, oncologists, radiation oncologists, and all others who diagnose and treat this malignancy with up-to-date information that will ultimately allow for the better management of patients. .
