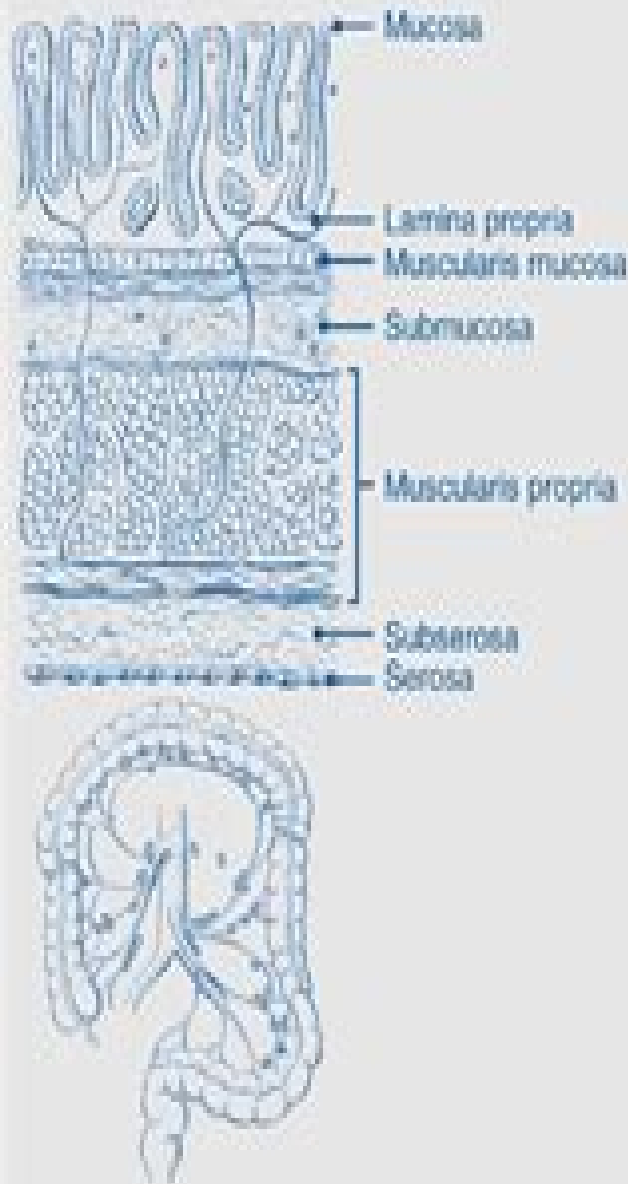


Staging



ANATOMIC STAGE/PROGNOSTIC GROUPS					
Stage	T	N	M	Dukes*	MAC*
0	Tis	N0	M0	—	—
I	T1	N0	M0	A	A
	T2	N0	M0	A	B1
IIA	T3	N0	M0	B	B2
IIB	T4a	N0	M0	B	B2
IIIC	T4b	N0	M0	B	B3
IIIA	T1–T2	N1/N1c	M0	C	C1
	T3	N2a	M0	C	C1
IIIB	T3–T4a	N1/N1c	M0	C	C2
	T2–T3	N2a	M0	C	C1/C2
	T1–T2	N2b	M0	C	C1
IIIC	T4a	N2a	M0	C	C2
	T3–T4a	N2b	M0	C	C2
	T4b	N1–N2	M0	C	C3
IIIA	Any T	Any N	M1a	—	—
IIIB	Any T	Any N	M1b	—	—

Primary Tumor (T)

- Tx** Primary tumor cannot be assessed
- T0** No evidence of primary tumor
- Tis** Carcinoma in situ: intraepithelial or invasion of lamina propria
- T1** Tumor invades submucosa
- T2** Tumor invades muscularis propria
- T3** Tumor invades through the muscularis propria into pericolic/rectal tissues
- T4a** Tumor penetrates to the surface of the visceral peritoneum¹
- T4b** Tumor directly invades or is adherent to other organs or structures^{1,2}

Regional Lymph Nodes (N)*

- Nx** Regional lymph nodes cannot be assessed
- N0** No regional lymph node metastasis
- N1** Metastasis in 1–3 regional lymph nodes
- N1a** Metastasis in one regional lymph node
- N1b** Metastasis in 2–3 regional lymph nodes
- N1c** Tumor deposit(s) in the subserosa, mesentery, or nonperitonealized pericolic or perirectal tissues without regional nodal metastasis
- N2** Metastasis in 4 or more regional lymph nodes
- N2a** Metastasis in 4–6 regional lymph nodes
- N2b** Metastasis in 7 or more regional lymph nodes

Ajcc 7th Edition Colon Cancer

**Carolyn C. Compton, David R.
Byrd, Julio Garcia-Aguilar, Scott H.
Kurtzman, Alexander Olawaiye, Mary
Kay Washington**

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AJCC Cancer Staging Atlas Carolyn C. Compton, David R. Byrd, Julio Garcia-Aguilar, Scott H. Kurtzman, Alexander Olawaiye, Mary Kay Washington, 2012-08-09 Significantly expanded expertly and beautifully illustrated The AJCC Cancer Staging Atlas 2nd Edition offers more than 600 illustrations created exclusively for this new edition and is fully updated to reflect the concepts discussed in the 7th Edition of both the AJCC Cancer Staging Manual and its companion Handbook This Atlas illustrates the TNM classifications of all cancer sites and types included in the 7th Edition of the Manual and visually conceptualizes the TNM classifications and stage groupings Specifically designed for simplicity and precision the drawings have been verified through multi disciplinary review to ensure accuracy and relevancy for clinical use Every illustration provides detailed anatomic depictions to clarify critical structures and to allow the reader to instantly visualize the progressive extent of malignant disease In addition nodal maps are included for each site appropriate labeling has been incorporated to identify significant anatomic structures and each illustration is accompanied by an explanatory legend The AJCC Cancer Staging Atlas 2nd Edition is an official publication of the American Joint Committee on Cancer the recognized international leader in state of the art information on cancer staging This Atlas has been created as a companion to the updated 7th Edition of the AJCC Cancer Staging Manual which continues to disseminate the importance of anatomical and pathological staging in the management of cancer This state of the art invaluable 2nd Edition includes a CD containing PowerPoint slides of all illustrations additional color and a user friendly easy to read layout The AJCC Cancer Staging Atlas 2nd Edition will serve as an indispensable reference for clinicians registrars students trainees and patients **Colon**

Cancer Diagnosis and Therapy Ganji Purnachandra Nagaraju, Dhananjay Shukla, Naveen Kumar Vishvakarma, 2021-06-10 Colorectal cancer CRC is a major global health challenge as the third leading cause for cancer related mortalities worldwide Despite advances in therapeutic strategies the five year survival rate for CRC patients has remained the same over time due to the fact that patients are often diagnosed in advanced metastatic stages Drug resistance is another common reason for poor prognosis Researchers are now developing advanced therapeutic strategies such as immunotherapy targeted therapy and combination nanotechnology for drug delivery In addition the identification of new biomarkers will potentiate early stage diagnosis This book is the first of three volumes on recent developments in colorectal diagnosis and therapy Each volume can be read on its own or together Each volume focuses on different novel therapeutic advances biomarkers and identifies therapeutic targets for treatment Written by leading international experts in the field coverage also addresses the role of diet habits and lifestyle in reducing gastrointestinal disorders and incidence of CRC Chapters discuss current and future diagnostic and therapeutic options for colorectal cancer patients focusing on immunotherapeutic nanomedicine biomarkers and dietary factors for the effective management of colon cancer The ASCRS Textbook of Colon and Rectal Surgery Scott R. Steele, Tracy L. Hull, Thomas E. Read, Theodore J. Saclarides, Anthony J. Senagore, Charles B. Whitlow, 2016-03-24 This third

edition text provides a completely revised and updated new version of this unique modern practical text that covers the strategic evaluation specific approaches and detailed management techniques utilized by expert colorectal surgeons caring for patients with complex problems whether they result from underlying colorectal disease or from complications arising from previous surgical therapy The format follows that of both a how to manual as well as an algorithm based guide to allow the reader to understand the thought process behind the proposed treatment strategy By making use of evidence based recommendations each chapter includes not only background information and diagnostic therapeutic guidelines but also provides a narrative by the author on his her operative technical details and perioperative tips and tricks that they utilize in the management of these complex surgical challenges Distinctive to this book is the reliance on experts in the field including past presidents of the ASCRS as well as multiple other national and internationally recognized surgeons to lend their personal insight into situations where data may be more sparse but individual and collective experience is paramount to making sound decisions and thereby optimizing patient outcomes The text includes chapters on the assessment of risk and methods utilized to minimize perioperative complications In addition it incorporates sections covering the medical and surgical therapies for abdominal pelvic and anorectal disease Moreover the technical challenges of managing complications resulting from the original or subsequent operations is addressed The underlying focus throughout the text is on providing pragmatic and understandable solutions that can be readily implemented by surgeons of varying experience to successfully treat complex colorectal problems However it also goes beyond the technical aspects of colorectal surgery and includes special sections highlighting the essence of a surgeon covering aspects involving the medical legal ethical and economic challenges confronting surgeons Throughout the text each author provides an ongoing narrative of his her individual surgical techniques along with illustrations and diagrams to personally take the reader through the crucial steps of the procedure and key points of patient care inherent to that topic Additionally where appropriate links to online videos give the reader an up front look into technical aspects of colorectal surgery

Cancers of the Colon and Rectum Al B. Benson (III), A. Bapsi Chakravarthy, Stanley R. Hamilton, Stanley Hamilton, MD, Elin R. Sigurdson, 2013-10-03 This text provides information currently not available from any single source It summarizes state of the art issues related to the treatment of colorectal cancer including descriptions of optimal multidisciplinary care utilizing all available modalities as well as related issues such as screening and prevention management for special populations psychological support and emerging directions in future treatment Over the course of the last decade the treatment of colorectal cancer has evolved quite rapidly New scientific and clinical advances have modified the standard of care and led to improved patient outcomes At the same time the treatment of colorectal cancer has become increasingly complex requiring the comprehensive review and assessment of multiple issues including genetics radiology surgery molecular diagnostics chemotherapy and more As a result the harmony and open communication between these specialties facilitated by a multidisciplinary team approach are crucial in providing the best

care to patients and ensuring successful treatment Clinical Radiation Oncology E-Book Leonard L. Gunderson, Joel E. Tepper, 2011-09-16 With thorough updates throughout Clinical Radiation Oncology provides the most comprehensive authoritative and up to date information available for treating patients with cancer From a multidisciplinary perspective this new edition edited by Drs Leonard L Gunderson and Joel E Tepper examines the therapeutic management of specific disease sites based on both single modality and combined modality approaches providing you with the well rounded cutting edge guidance you need to offer the most effective treatments A consistent chapter format full color design and access to the full text at www.expertconsult.com make reference fast and easy It is an ideal resource for mastering the latest most effective techniques and modalities Deepen your knowledge with a comprehensive clinical approach to the scientific foundations of radiation oncology and general oncology as well as state of the art techniques and modalities Implement a multidisciplinary team care approach to providing intricate treatment plans for patients often in conjunction with medical oncologists and surgeons Broaden your understanding of the basic biology of the disease processes Examine the therapeutic management of specific disease sites based on single modality and combined modality approaches Quickly and easily find critical information thanks to an easily accessible full color design with over 800 color figures that clearly depict treatment techniques Get broad multimodality perspectives and unique insights from a diverse team of respected editors and contributors many of whom are new to this edition affiliated with institutions across North America and internationally Access the fully searchable text anywhere anytime at www.expertconsult.com along with references additional images and tables video clips and more Stay current with comprehensive updates throughout that include a new chapter on survivorship issues and additional video clips on treatments such as prostate and penile cancer brachytherapy Improve outcomes by providing the most effective treatment for each patient with expanded coverage of new modalities and treatment regimens Understand and comply with the latest staging guidelines DeVita, Hellman, and Rosenberg's Cancer Vincent T DeVita Jr, Steven A Rosenberg, Theodore S Lawrence, 2022-09-21 The standard setting text in oncology for 40 years DeVita Hellman and Rosenberg's Cancer Principles and Practice of Oncology 12th Edition provides authoritative guidance and strategies for managing every type of cancer by stage and presentation Drs Vincent T DeVita Jr Theodore S Lawrence and Steven A Rosenberg oversee an outstanding team of expert contributing authors who keep you up to date and fully informed in this fast changing field This award winning reference is also continually updated on Health Library and VitalSource platforms for the life of the edition Early Diagnosis and Treatment of Cancer Series: Colorectal Cancer E-Book Susan Gearhart, Nita Ahuja, 2010-07-15 Each volume in the Early Detection and Treatment of Cancer Series is packed with practical authoritative information designed to cover the full range of diagnostic procedures including pathologic radiologic bronchoscopic and surgical aspects You ll be able to determine the safest shortest least invasive way to reach an accurate diagnosis stage the disease and choose the best initial treatment for early stages Based on current evidence in the literature authors provide clinical hands on tools to help you

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Pramod Kumar Mishra, 2016-03-20 Textbook of Surgical Gastroenterology is a highly illustrated two volume resource for residents and practising surgeons Divided into 124 chapters across ten sections this comprehensive textbook covers a vast range of gastroenterological conditions and their surgical management The book begins with a general section covering imaging infections and antibiotics radiation therapy nutritional support for hospitalised patients statistics and interventional radiology Subsequent sections cover specific parts of the gastrointestinal system including oesophagus stomach pancreas gall bladder liver spleen and colon Each section begins with a chapter on anatomy before covering the surgical treatment of various disorders The penultimate section of Textbook of Surgical Gastroenterology provides extensive information on liver transplantation and the final section covers miscellaneous topics in gastroenterology This book is enhanced by 1200 images and includes two DVDs with guidance on seven surgical procedures Key Points Two volume guide to gastroenterological surgery incorporating a vast range of conditions 124 chapters across ten sections covering the entire gastrointestinal system Separate section devoted to liver transplantation 1200 images and two DVDs

Textbook of Colorectal Surgery Niranjana Agarwal, Pradeep P Sharma, Parvez Sheikh, 2023-12-30

Manual of Surgical Pathology E-Book Susan C. Lester, 2010-07-23 Dr Lester's Manual of Surgical Pathology 3rd Edition offers complete practical guidance on the evaluation of the surgical pathology specimen from its arrival in the department to preparation of the final report Inside you'll find step by step instructions on specimen processing tissue handling gross dissection technique histological examination application of special stains development of a differential diagnosis and more This thoroughly revised New Edition integrates cutting edge procedures well as the latest staging and classification information Coverage of the latest standards and procedures for the laboratory and handling of surgical pathology specimens are valuable assets to pathologists pathology assistants and

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