

Ajcc Cancer Staging Manual 6th Edition Colon

M. K. Gospodarowicz, P. Hermanek, and D. E. Henson Attention to innovations in cancer treatment has tended to eclipse the importance of prognostic assessment. However, the recognition that prognostic factors often have a greater impact on outcome than available therapies and the proliferation of biochemical, molecular, and genetic markers have resulted in renewed interest in this field. The outcome in patients with cancer is determined by a combination of numerous factors. Presently, the most widely recognized are the extent of disease, histologic type of tumor, and treatment. It has been known for some time that additional factors also influence outcome. These include histologic grade, lymphatic or vascular invasion, mitotic index, performance status, symptoms, and most recently genetic and biochemical markers. It is the aim of this volume to compile those prognostic factors that have emerged as important determinants of outcome for tumors at various sites. This compilation represents the first phase of a more extensive process to integrate all prognostic factors in cancer to further enhance the prediction of outcome following treatment. Certain issues surrounding the assessment and reporting of prognostic factors are also considered. Importance of Prognostic Factors Prognostic factors in cancer often have an immense influence on outcome, while treatment often has a much weaker effect. For example, the influence of the presence of lymph node involvement on survival of patients with metastatic breast cancer is much greater than the effect of adjuvant treatment with tamoxifen in the same group of patients [5].

For outstanding visual clarity in ocular diagnosis ... nothing else comes close. In this updated and revised third edition, world-renowned authorities at the Wills Eye Hospital provide outstanding guidance on recognition, evaluation, and treatment of ocular tumors, highlighted by more than 2,500 stunning photographs and surgical drawings. This unsurpassed ocular oncology resource is a comprehensive guide to the clinical features, diagnosis, management, and pathology of intraocular tumors and pseudotumors, depicting clinical variations, treatment, and histopathologic characteristics of the many varied benign and malignant lesions that affect the uveal tract, retina, and other intraocular structures. Now brought thoroughly up to date with recent clinical and scientific innovations, this unique volume has been greatly expanded with over 25% new material, and offers more high-quality images than any other text/atlas in the field. Presents each entity in an easy-to-follow format: a concise description with references on the left-hand page and six illustrations on the right-hand page. Depicts in precise photographic detail the gross and microscopic features that distinguish each condition, while professional drawings and intraoperative photographs demonstrate key surgical principles and procedures. Features numerous new references regarding diagnosis and treatment, as well as new scientific tables containing key information for your clinical practice. Features 25% new images, including panoramic images, surgical images, diagnostic testing images from multiple modalities, and updated OCT images with numerous enhanced depth imaging OCT (EDI-OCT). Covers new information on evolving conditions such as the management of choroidal nevus and melanoma with guidance for early detection using risk factors; information on the newest treatment for retinoblastoma with intra-arterial and intravenous chemotherapy; management of intraocular tumors with photodynamic therapy. Important new information on genetics of uveal melanoma, the implications of genetics, and treatment outcomes is described

Gastrointestinal Oncology is an evidence-based, practical reference intended to assist in the diagnosis and management of patients with gastrointestinal malignancies. It is designed to be as user friendly as possible and is distinguished by the extremely practical, concrete nature of the information presented and by the multidisciplinary approach adopted. In addition to disease-oriented chapters spanning sites from the esophagus to the anus, non-anatomic subjects such as modern imaging techniques are also addressed. Translational science is supplied where useful in the decision-making process. All of the authors are internationally recognized experts. This book is an ideal resource for oncologists, surgeons, gastroenterologists, and primary-care providers looking for the latest and best information on how to deal with a wide variety of gastrointestinal neoplasms.

In the model of the popular AJCC Staging manual and AJCC Staging handbook with the EZTNM module, this new product combines the AJCC Staging Atlas with a CD containing all the illustrations from the Atlas. Having the figures from the Atlas available as PowerPoint® slides means that users can document the "why" and "how" of their staging decisions. Users can also import figures into presentations for tumor boards, grand rounds, presentations, and journal articles/book chapters.

This book highlights the unique aspects of oncologic ophthalmology as a medical and surgical discipline practiced at a comprehensive cancer center. Multi-disciplinary management of ocular, orbital and adnexal cancers are highlighted using simple and tried-and-true algorithms. In addition, ocular problems caused as a direct result of cancer treatment are reviewed using illustrative photographs and case presentations. The content is provided by full-time ophthalmology faculty and fellows at M. D. Anderson Cancer Center. Experts in complementary disciplines such as ophthalmic pathology, dermatopathology, radiation oncology, radiology, and other surgical subspecialties have brought their unique perspective to each chapter. The book is abundant with clinical photographs as well as interesting case presentations that will help the clinician correctly diagnose cancers of the orbit, eye, and adnexal structures, initiate appropriate management, as well as recognize and treat common ocular complications of cancer therapy.

An easily comprehensible and practicable framework for standardised histopathology reports in surgical cancer. The pathological features of the common carcinomas are detailed and non-carcinomatous malignancies are also summarised. 7th edition TNM and WHO classifications of cancers are incorporated, with comments on any associated pathology, diagnostic clues and prognostic criteria supplemented visually by line diagrams. Each chapter's introduction gives epidemiological, clinical, investigative and treatment summary details. Other pathology includes updated immunophenotypic expression and molecular techniques. The impact of these ancillary investigations on diagnosis, and as biomarkers of prognosis and prediction of response to treatment is summarised, as is the effect of adjuvant treatments on cancers. Experience based clues are given throughout as aids to tumour typing, grading, staging, and gauging prognosis and response to treatment. Histopathology Reporting: Guidelines for Surgical Cancer, Third Edition is invaluable for trainee and consultant diagnostic histopathologists all over the world, equipping the reader to produce high quality, clinically appropriate histopathology reports, and to participate in contemporary multidisciplinary team management of patients with surgical cancer.

The basis for selection of the dosage form. Specialized dose dispensing equipment. Formulation of drug dosage forms for animals. Formulations of drugs for administration via feed or drinking

water. Stability studies of veterinary formulations. Regulatory clearance.

Among malignant tumors, adenocarcinomas of the esophagogastric junction show the highest increase in incidence over the past three decades in Western industrialized countries. This special volume, with contributions from experts in the field, covers all aspects of the disease. Etiology, pathogenesis, classification, and clinical staging are discussed, and there is special emphasis on state of the art treatment techniques. The latter range from endoscopic mucosal resections or limited surgical resections for early cancers to multimodality treatment options for locally advanced tumors. Emerging quality issues in surgical management are addressed. Detailed attention is also paid to other important recent developments, including molecular response prediction, early metabolic response evaluation by PET and PET-CT, the diagnosis of micrometastases, and the use of sentinel node technology. This volume will be of interest to all clinicians concerned with the diagnosis and management of this malignancy.

Used by physicians and health care professionals worldwide to facilitate the uniform description of neoplastic diseases, the fully revised and updated Seventh Edition of the AJCC Cancer Staging Handbook brings together all currently available information on staging of cancer at various anatomic sites and incorporates newly acquired knowledge on the etiology and pathology of cancer.

The American Joint Committee on Cancer's Cancer Staging Manual is used by physicians throughout the world to diagnose cancer and determine the extent to which cancer has progressed. All of the TNM staging information included in this Sixth Edition is uniform between the AJCC (American Joint Committee on Cancer) and the UICC (International Union Against Cancer). In addition to the information found in the Handbook, the Manual provides standardized data forms for each anatomic site, which can be utilized as permanent patient records, enabling clinicians and cancer research scientists to maintain consistency in evaluating the efficacy of diagnosis and treatment. The CD-ROM packaged with each Manual contains printable copies of each of the book's 45 Staging Forms.

Despite recent advances in adjuvant therapies of cancer, the regimens of postoperative adjuvant chemotherapy treatment which are presently available fail to cure the majority of cancer patients. Preoperative (neoadjuvant) chemotherapy represents a new approach in drug scheduling, based on sound theoretical, pharmacokinetic, and experimental principles. The preoperative timing of chemotherapy before definitive surgery is not a minor change in the therapy of cancer. To be successful, large numbers of practitioners and their patients must participate. Substantial alterations of many aspects of the present management of cancer will have to follow. Therefore, before such therapy can be fully and routinely implemented, results of the novel treatment and its rationale have to be carefully evaluated. In preoperative treatment, other features will likely gain importance. For the first time, clinicians have a chance to follow the in vivo response of the tumor exposed to preoperative chemotherapy. The subsequent histological assessment of the tumor sample may likely become an important prognostic guide, permitting more refined individual approaches to the planning of postoperative adjuvant treatment. The value of such a treatment strategy can already be appreciated in the clinical setting, as seen from the therapy of osteosarcoma. Furthermore, preoperative chemotherapy might render previously inoperable tumors operable and hence resectable with a curative intention. The preoperative reduction of tumor bulk may also effectively decrease the need for more radical operations, permitting a more uniform adoption of conservative surgery.

This edition of ICD-O, the standard tool for coding diagnoses of neoplasms in tumour and cancer registrars and in pathology laboratories, has been developed by a working party convened by the International Agency for Research on Cancer / WHO. ICD-O is a dual classification with coding systems for both topography and morphology. The book has five main sections. The first provides general instructions for using the coding systems and gives rules for their implementation in tumour registries and pathology laboratories.

Section two includes the numerical list of topography codes, which remain unchanged from the previous edition. The numerical list of morphology codes is presented in the next section, which introduces several new terms and includes considerable revisions of the non-Hodgkin lymphoma and leukaemia sections, based on the WHO Classification of Hematopoietic and Lymphoid Diseases. The five-digit morphology codes allow identification of a tumour or cell type by histology, behaviour, and grade. Revisions in the morphology section were made in consultation with a large number of experts and were finalised after field-testing in cancer registries around the world. The alphabetical index gives codes for both topography and morphology and includes selected tumour-like lesions and conditions. A guide to differences in morphology codes between the second and third editions is provided in the final section, which includes lists of all new code numbers, new terms and synonyms added to existing code definitions, terms that changed morphology code, terms for conditions now considered malignant, deleted terms, and terms that changed behaviour code.

Written by the leading melanoma experts from the United States, Australia, and Europe, this new edition incorporates the clinical outcomes of more than 70,000 patients treated at major melanoma centers throughout the world and is the definitive and most authoritative textbook on melanoma used worldwide. Providing the most up-to-date and comprehensive information needed for the clinical management and scientific study of melanoma, Cutaneous Melanoma, 6th edition covers everything from precursors of melanoma to advanced stages of metastatic disease.

Woo's Oral Pathology the first comprehensive, richly illustrated atlas of oral pathology that provides the full histologic range of presentation of mucosal disease. Board certified in both oral pathology and oral medicine, Dr. Sook-Bin Woo draws on her extensive clinical experience to help you achieve diagnostic certainty. Each condition is illustrated with clinical photographs and high-quality photomicrographs, while a management section for all entities provides further guidance. Oral Pathology provides all the knowledge you need to accurately identify even the most challenging lesions. High-quality clinical photographs and photomicrographs capture the characteristic presentation of all types of

neoplastic, dysplastic, and benign mucosal disease. Brief descriptions of clinical management for each disease entity help you understand the implications of your diagnoses. Approximately 50 virtual microscope slides allow users to see slides of entire cases presented in the book. Includes a new chapter on lymphoid malignancies. Features new coverage of paracoccidioidomycosis and blastomycosis. Includes pathology of lesions, clinical photographs, high-quality photomicrographs, and brief discussions of clinical management.

This book is a cutting-edge resource that provides clinicians with the up-to-date practical knowledge required in order to manage SCC patients optimally. It summarizes newly available information relating to the definition of high-risk SCC, its pathophysiologic underpinnings, and its management. New prognostic information and staging systems are summarized that enable high-risk tumors to be defined more precisely than ever before. Many helpful tips are provided on the practical management of challenging cases, including multiple tumors/field cancerization, high-risk tumors, nodal metastases, and unresectable disease. The authors are all acknowledged experts in the emerging field of high-risk and advanced SCC.?

A clear and comprehensive introduction to the principles and practice of clinical oncology, for medical undergraduates and clinicians who want to increase their understanding of the challenges of managing patients with cancer. Including questions for self assessment by the same authors, the reader can learn and test themselves on all aspects of can

The information surveyed in this volume is designed to provide the clinician with an expert overview of the current state of the art in breast cancer management. It should provide at least a flavor of the major paradigm shift that is occurring in this rapidly evolving field. Breast cancer management is moving away from a "kill or cure" model and advancing toward a model focused on strategies of prevention and of long-term management of breast cancer as a chronic disease. The acceptance of this new paradigm by patients and clinicians alike will represent a major focus for the twenty-first century.

Knowledge in the field of urologic pathology is growing at an explosive pace. Today's pathologists, specialists, and residents require a comprehensive and authoritative text that examines the full range of urological diseases and their diagnosis. Written by recognized leaders and educators in the field, the text provides readers with a detailed understanding of all diagnostic aspects of urological disease. Inside this unique resource, readers will explore a broad spectrum of practical information—including etiology, diagnostic criteria, molecular markers, differential diagnosis, ancillary tests, and clinical management.

This is sure to be the new definitive text for urological pathology!

The complete, authoritative TNM cancer classification and staging system—now illustrated with new, full-colour figures for fast, effective, anatomical referencing Referring to "Tumour," "Node," and "Metastasis," the TNM system is the most widely used means for classifying and staging the extent of cancer spread. Published in affiliation with the Union for International Cancer Control (UICC), TNM Atlas, Sixth Edition presents the illustrated version of the TNM Classification of Malignant Tumours, Seventh Edition, promoting the uniform application of the TNM classification in cancer practice. Utilizing beautiful, full-colour medical artwork—illustrating the T and N categories in clear, easily understood graphics—this book aides in the practical application of the TNM classification system. It enables all disciplines involved in cancer classification, staging, and treatment to reach a more standardized understanding and documentation of the anatomical spread of tumours, and further enhances the dissemination and use of the TNM classification. The TNM Atlas, Sixth Edition: • Is based upon the very latest TNM Classification data available in TNM Classification of Malignant Tumours, Seventh Edition • Features over 500 full-colour figures that clearly illustrate and highlight anatomical sites of cancer involvement • Makes TNM classification even more clinically applicable in the day-to-day environment • Is an extremely useful tool for clinical reference, teaching, discussion, and patient education Based in Geneva, the UICC is one of the most widely affiliated cancer organisations in the world, with its core mission being cancer classification and control. Its TNM Atlas, Sixth Edition is a valuable reference for all medical, surgical, and radiation oncologists, anatomical and surgical pathologists, cancer registrars, oncology nurses and physician extenders, international cancer care centres, and governmental and NGOs dedicated to cancer control. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from Google Play.

From the Surveill., Epidem., & End Results (SEER) Prog. based at the Nat. Cancer Inst. Intended as a coding manual beginning with cases diagnosed from Jan. 1, 2001 rather than a staging guide. Each anatomic site in the Topography Sect. of the Internat. Class. of Disease for Oncology -- 3rd Ed. (ICD-0-3) has a corresponding summary staging scheme. Certain specific histologic types also have specific staging schemes. In some cases, sites which previously had separate guides (such as the segments of the colon) have a single staging scheme (colon), whereas some sites which previously had a single guide (e.g., larynx) have separate schemes for each sub-site of the larynx.

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.

Building on the success of this book's first edition, Dr. Eric Hansen and Dr. Mack Roach have updated, revised, and expanded the Handbook of Evidence-based Radiation Oncology, a portable reference that utilizes evidence-based medicine as the basis for practical treatment recommendations and guidelines. Organized by body site, concise clinical chapters provide easy access to critical information. Important "pearls" of epidemiology, anatomy, pathology, and clinical presentation are highlighted. Key facets of the work-up are listed, followed by staging and/or risk classification systems. Treatment recommendations are discussed based on stage, histology, and/or risk classification. Brief summaries of key trials and studies provide rationale for the recommendations. Practical guidelines for radiation techniques are described. Finally, complications and follow-up guidelines are outlined. Updates from the first edition include brand new color figures and color contouring mini-atlases for head and neck, gastrointestinal, prostate, and gynecological tumors; redesigned tables for increased readability; new chapters on management of the neck and unknown primary, clinical radiobiology, and pediatric malignancies and benign conditions; and new appendices including the American College of Radiology guidelines for administration of IV contrast.

This is a single, comprehensive handbook for clinical oncology trainees and consultants, covering the basic aspects of stereotactic radiotherapy systems and treatment.

Michael H. Torosian, MD, and a panel of physicians and clinical researchers critically synthesize the wide variety of treatment options available to create a state-of-the-art reference for the management of breast cancer patients. Writing from a multidisciplinary perspective, these authoritative contributors review in the light of the most recent findings the major clinical aspects of breast cancer, including, epidemiology and risk factors, breast imaging, biopsy techniques, breast-conserving surgery and reconstruction, mastectomy, and the latest developments in radiation, hormonal, and chemotherapy. Their expert discussion also addresses special clinical situations (adjuvant chemotherapy, axillary adenopathy as initial presentation, breast cancer during pregnancy, and sarcoma and lymphoma of the breast) and explains current clinical controversies (breast-conserving surgery without radiation therapy, axillary lymph node management, and management of internal mammary lymph nodes).

TNM Classification of Malignant Tumours, 7th Edition provides the latest, internationally agreed-upon standards to describe and categorize cancer stages and progression. Published in affiliation with the International Union Against Cancer (UICC), this authoritative guide contains important updated organ-specific classifications that oncologists and other professionals who manage patients with cancer need to accurately classify tumours for staging, prognosis and treatment. The major alterations addressed in the 7th Edition concern carcinomas of the oesophagus and the gastroesophageal junction, stomach, lung, appendix, biliary tract, skin, and prostate. In addition, there are several entirely new classifications: gastrointestinal carcinoids (neuroendocrine tumours) gastrointestinal stromal tumour upper aerodigestive mucosal melanoma Merkel cell carcinoma uterine sarcomas intrahepatic cholangiocarcinoma adrenal cortical carcinoma. A new approach has also been adopted to separate anatomical stage groupings from prognostic groupings in which other prognostic factors are added to T, N, and M categories. These new prognostic groupings, as well as the traditional anatomical groupings, are presented for oesophageal and prostate carcinomas. Visit www.wileyanducc.com for more information about the International Journal of Cancer and our other UICC book titles

Confronted with myriads of T's, N's and M's in the UICC TNM booklet, classifying a malignancy may seem to many cancer clinicians a tedious, dull and pedantic task. But then when he looks into the TNM-Atlas all of a sudden lifeless categories become vivid images, challenging his know-how and his investigational skills. Prof. Dr. Brigit van der Werf-Messing, Chairman of the International TNM-Committee of the UICC. Preface In 1938 the League of Nations Health Organization published an "Atlas illustrating the division of cancer of the uterine cervix into four stages according to the anatomico-clinical extent of the growth". Since this work appeared, the idea of visual representation of the anatomical extent of malignant tumours at the different stages of their development has been repeatedly discussed. At its meeting in Copenhagen in July 1954, the UICC adopted as part of its programme "the realization of a clinical atlas". However, the time to do the planned illustration work was not ripe until the National Committees and international organizations had officially recognized the 28 classifications of malignant tumours at various sites as presented in the 3rd edition of the "TNM Booklet" (1978) edited by M. Harmer. This was all the more important since in 1980, in addition to the "Booklet", a "Brochure of Checklists" edited by A.H. Sellers was made available as a further aid in the practical application of the TNM system.

The TNM System is the most widely used classification of the extent of local growth and regional and distant spread of cancer. The 1992 revision of the fourth edition agreed upon by all national TNM committees, includes: changes made by FIGO in 1989/1990; an updated classification of urological tumours; and new classifications of small intestine carcinoma and pleural mesothelioma. In addition, ICD-O codes have been updated according to the 1990 second edition.

An intuitive, ingenious and powerful technique, sentinel lymph node biopsy has entered clinical practice with astonishing rapidity and now represents a new standard of care for melanoma and breast cancer patients, while showing great promise for the treatment of urologic, colorectal, gynecologic, and head and neck cancers. This text, written by international experts in the technique, provides a clear and comprehensive guide, presenting a detailed overview and discussing the various mapping techniques available and how these are applied in a number of leading institutions. This essential resource for surgical oncologists, pathologists, and specialists in nuclear medicine will also provide key information for those planning to start a sentinel lymph node program.

The fourth edition of the TNM Classification was published in 1987,¹ and a revision in 1992.² It was the result of efforts by all national TNM Committees towards a worldwide uniform classification. The classification criteria are identical with the fourth edition of the Manual for Staging of Cancer of the American Joint Committee on Cancer (AJCC). Although the classification has found wide acceptance, some workers have pointed out that individual definitions and rules for staging are not sufficiently detailed. This can lead to inconsistent application of the classification. The antithesis of standardization. This source of differences in interpretation applies not only to the classification of individual organs but also to the general rules of the system, especially to the definitions of the requirements for the pathological classification (pT, pN). These are specified only for carcinoma of the breast; for other sites, reference must be made back to the general rules. which can lead to variable interpretations. The TNM Project Committee of the UICC has addressed this problem and collected and considered the criticisms and suggestions from the national TNM Committees as well as from cancer registries, oncological associations and individual users. The result was the decision to complement the 4th edition of the TNM Classification 1.2. 3 with the publication of a TNM Supplement containing recommendations for the uniform use of TNM.

Rectal cancer is one of the most prevalent cancers world-wide. It is also a paradigm for multimodal management, as the combination of surgery, chemotherapy and radiotherapy is often necessary to achieve the optimal outcome. Recently, international experts met in Heidelberg, Germany to discuss the latest developments in the management of rectal cancer, including the anatomic and pathologic basis, staging tools, surgical concepts including fast-track surgery and laparoscopic resection, functional outcome after surgery and the role of radio- and chemotherapy. This monograph summarizes this meeting and gives an extensive overview of the current concepts in management of rectal cancer.

The Union for International Cancer Control's (UICC) TNM classification system is the most widely used cancer classification and staging system in the world. It is used to

describe the anatomical extent of disease and it is essential to patient care, research and cancer control. This fifth edition of the TNM Supplement: A Commentary of Uniform Use offers practitioners a wealth of material intended to complement the system's day-to-day use. The volume features: Updated definitions of terms used in cancer staging. New sections on carcinomas of the thymus, sarcomas of the spine and pelvis and soft tissue sarcomas of the head and neck, and comprehensive updates to the head and neck carcinomas, carcinomas of the lung and neuroendocrine tumours sections. Frequently asked questions from the UICC helpdesk. The Supplement may be treated as a companion text to the recent eighth edition of the TNM Classification of Malignant Tumours (978-1-119-26357-9), supporting the correct and uniform application of the TNM classification system. The TNM Supplement can also be utilised as a standalone book, providing explanations and examples to answer many questions that arise during the daily use of the TNM cancer classification and staging system, particularly in unusual cases.

The American Joint Committee on Cancer's Cancer Staging Handbook is used by physicians throughout the world to diagnose cancer and determine the extent to which cancer has progressed. All of the TNM staging information included in this Sixth Edition is uniform between the AJCC (American Joint Committee on Cancer) and the UICC (International Union Against Cancer). Organised by disease site into 48 comprehensive chapters, this new edition has completely revised and updated the old classification system to provide a new, evidence-based guide to cancer staging. This new TNM Classification will be implemented world-wide on January 1st, 2003.

AJCC Cancer Staging Manual Springer Science & Business Media

If you are a member of NCRA and would like to receive member discount pricing on this item, please contact customer service at 800-228-0810. Discounted orders cannot be processed via the website.

[Copyright: 5e4e31d34cd5c2c6c2878dcc73fd7f14](#)