Induction Chemotherapy
Integrated Treatment Programs for Locally Advanced Cancers

Induction chemotherapy, as part of an integrated plan of management for locally advanced cancers, is being practiced throughout the world, but frequently teams are unaware of the work being undertaken in other institutions. This book aims to present the full range of management techniques used in induction chemotherapy within one accessible volume. It provides up-to-date information on pioneering and cutting edge practices and documents the advantages of integrated treatment schedules. Patient selection is discussed, and each of the cancer types for which induction therapy has proved important is considered in detail. All who are responsible for the treatment of patients with locally advanced cancers will find this book to be an invaluable source of information. It will be particularly interesting for specialist oncologists aiming to set up fully comprehensive cancer centers and for health administrators wishing to learn about the benefits of establishing such centers in strategic locations.

Features
► Describes the applications of induction chemotherapy in different cancer types
► Presents integrated treatment practices in different renowned institutions
► Devotes detailed attention to pioneering or cutting-edge practices and research
► Discusses patient selection
► Explains the importance of comprehensive cancer centers

Fields of interest
Oncology; General Practice / Family Medicine

Target groups
Professional/practitioner

Discount group
MR

Pulmonary Involvement in Patients with Hematological Malignancies

The number of patients treated for hematological malignancies is increasing steadily. To maximize cure rates, aggressive treatments have been introduced, including high-dose chemotherapy, stem cell transplantation, and targeted therapies. As a result, overall and disease-free survival rates have improved substantially, but at the price of life-threatening toxic and infectious complications that chiefly target the lung. This book provides clinicians caring for patients with hematological malignancies with detailed, up-to-date information on all relevant aspects of pulmonary involvement. Individual sections are devoted to epidemiology, diagnostic strategy, lung infections, non-infectious pulmonary involvement, and treatment, including decision making in patients with acute respiratory failure. Each of these sections contains a number of chapters, all written by leading international experts.

Features
► Detailed, up-to-date information is provided on all relevant aspects of pulmonary involvement in patients with hematological malignancies
► Leading experts discuss epidemiology, diagnostic strategy, lung infections, non-infectious pulmonary involvement, and treatment, including decision making in patients with acute respiratory failure
► Invaluable “pearls” relating to each condition are presented

Contents
Preamble and Introduction.-Epidemiology.- Diagnostic Strategy in Hematologic Malignancies Patients.- Lung Infections in Patients with Hematologic Malignancies.- Noninfectious Pulmonary Involvement in Patients with Hematologic Malignancies.- Treatment and Difficult Decisions in Patients with Hematologic Malignancies.- Pearls that You Should be Aware of.-Post Face.

Fields of interest
Intensive / Critical Care Medicine; Hematology; Oncology

Target groups
Professional/practitioner

Discount group
MR

European Instructional Lectures

Volume 11, 2011, 12th EFORT Congress, Copenhagen, Denmark

This eleventh volume in the EUROPEAN INSTRUCTIONAL LECTURES series continues the format of educational chapters from across Orthopaedics and Traumatology contributed by distinguished Orthopaedic Educators in Europe. It provides up-to-date material and major advances covering a range of topics including: General Orthopaedics, Basic Science and Technology, Musculo-skeletal Tumours, Infections, Paediatric Orthopaedics, Trauma, Spine, Upper Limb, Hip, Knee, Leg, Ankle and Foot. All the lectures were presented at the 12th EFORT Congress in Copenhagen, Denmark. The lectures are an authoritative source of information illustrated by radiographs, MRI and CT Scans, operative photographs, tables and line drawings. They are a valuable source of instruction for Surgeons and Trainees alike.

Features
► Collection of highlights of EFORT Instructional Courses
► Cutting-edge educational tool for orthopedic and trauma surgeons
► Written by international experts

Contents

Fields of interest
Orthopedics; Surgical Orthopedics; Conservative Orthopedics

Target groups
Professional/practitioner

Discount group
MR
Nitrite and Nitrate in Human Health and Disease

Nitrite and Nitrate in Human Health and Disease delivers a comprehensive review of nitrite and nitrate biology, from basic biochemistry to the complex physiology and metabolism of these two naturally occurring molecules in the human body. Well-organized and well referenced chapters cover the rich history of nitrite and nitrate, sources of exposure, and the physiological effects when consumed through foods containing nitrite and nitrate. The chapters are written by leading experts, all of whom share their research and perspectives in order to help define the context for benefits vs. any potential risks associated with nitrite and nitrate use, either through dietary ingestion or therapeutic dosing. This diverse collection of authors includes vascular biologists, physiologists, physicians, epidemiologists, cancer biologists, registered dieticians, chemists, and public health experts from five countries in both academia and government. Nitrite and Nitrate in Human Health and Disease provides a balanced view of nitric oxide biochemistry, and nitrite and nitrate biochemistry in physiology and in the food sciences.

Features
- Introduces nitric oxide and provides a biochemical analysis of its roles in human physiology
- Offers evidence showing how NO-rich foods are linked to disease prevention and healthy modulation of human physiological functions
- Reviews research on therapeutic applications of NO and NO metabolites

Fields of interest
Clinical Nutrition; Nutrition; Public Health; Gesundheitswesen

Target groups
Professional/practitioner

Discount group
MR

A. L. Dumitrescu, University of Tromsø, Norway

Chemicals in Surgical Periodontal Therapy

Periodontitis is a chronic and destructive inflammatory disease of the tooth-supporting tissues that is induced by an opportunistic mixed infection. It is highly prevalent, affecting 10-15% of the adult population, and represents the major cause of tooth loss in adults. This book is an encyclopedic collection of data from scientific papers and textbooks that form the foundation for a sound understanding of the chemicals used in surgical periodontal therapy. The topics addressed include treatment with enamel matrix proteins to stimulate periodontal regeneration, the use of guided tissue regeneration barriers, root conditioning, and the role of bone grafts and bone graft substitutes in periodontal therapy. Throughout, the emphasis is on fostering understanding through development of the reader's biological background knowledge. Chemicals in Surgical Periodontal Therapy will be of value to undergraduate and postgraduate dental students, dental hygienists, dental practitioners, and associated professionals.

Features
- An encyclopedic collection of data from scientific papers and textbooks that form the foundation for a sound understanding of the chemicals used in surgical periodontal therapy
- Key topics include treatment with enamel matrix proteins to stimulate periodontal regeneration, the use of guided tissue regeneration barriers, root conditioning, and the role of bone grafts and bone graft substitutes
- Provides sound biological background knowledge

Contents

Fields of interest
Dentistry; Surgery

Target groups
Professional/practitioner

Discount group
P

R. B. Gunderman, Indiana University, Indianapolis, IN, USA

Achieving Excellence in Medical Education
Second Edition

A goldmine of theoretical insights and practical suggestions, Achieving Excellence in Medical Education, Second Edition explores the essential question facing medical educators and learners today: What is our vision of educational excellence, and what can we do to enhance our performance?

Among the topics explored within this updated, engaging, informative, and thought-provoking text are: Education’s position as a priority of medical schools; Seminal educational insights from non-medical educators; Best practices of outstanding educators and learners; Promises and pitfalls of new educational technologies; Key resources for promoting excellence in medical education; Medical education’s role in preparing future leaders; Leadership roles for medical schools in universities and society.

From the reviews of the first edition
- This is an elegant, quotable, and inspirational book that provides a template for “Achieving Excellence in Medical Education”
- Journal of the American Medical Association
- Gunderman is an accomplished educator, well known as a thoughtful and provocative teacher...
- I recommend his book to department chairs, clerkship and residency program directors, and education professionals who are shaping the future of medical education.
- New England Journal of Medicine

Features
- The book addresses education, a topic that has received virtually no attention in book-length manuscripts in the field of radiology
- Provides a rationale that is current and perspective radiologists can use to develop more support for education both within their departments and within academic health centers
- Provides extensive practical advice on how to function more effectively as a radiological educator

Fields of interest
Imaging / Radiology; Medical Education

Target groups
Professional/practitioner

Discount group
P
Moral Acquaintances and Moral Decisions

Resolving Moral Conflicts in Medical Ethics

The potential of modern medicine in a pluralistic world leads to the potential for moral conflict. The most prevalent bioethical theories often either overestimate or underestimate the amount of shared moral belief that can be used to address those conflicts. This work presents a means for taking seriously the pluralism in the modern world while recognizing the likelihood of moral “acquaintance” between persons with differing views. It criticizes moral theories that overstate the extent of the problem of pluralism as well as those that imply too much agreement between reasonable moral persons, yet it locates a means for the resolution of many moral conflicts in moral acquaintanceship. Drawing from the work of H. Tristram Engelhardt, Jr., casuists and principle-based theorists, and Erich Loewy and Kevin W. Wilkes’s initial development of the concept of moral acquaintanceship, Moral Acquaintances and Moral Decisions is philosophically indepth work with direct applications for decisionmaking in real medical settings. A work in moral theory as well as a source of real world guidance, clinically oriented bioethics professionals as well as students of bioethical theory should find the theory of moral acquaintanceship provided here important to their work.

Features
- The first clear analysis of moral acquaintances that addresses both Kevin Wilkes’s and Erich Loewy’s versions of the important concept
- Provides a method for making justified moral resolutions in difficult cases in the modern world of moral disagreement
- Delivers a solid critique of three major methods of bioethical decision-making – libertarian, principle-based, and casuistry
- Takes seriously the problem of pluralism and the need for justified solutions in real cases

Fields of interest
Theory of Medicine/Bioethics; Ethics; Social Sciences, general

Target groups
Professional/practitioner

Discount group
MR

Cardiothoracic Surgery in the Elderly
Evidence-Based Practice

Cardiothoracic Surgery in the Elderly: Evidence Based Practice is an important and timely book that reflects the thoughtful work of pioneers in geriatric surgery. It encompasses their knowledge related to geriatric surgery, and their reflections and guidance on the rapidly accumulating knowledge related to improving the health and surgical care of seniors. This book provides a scholarly review of the constantly expanding knowledge base about cardiovascular and thoracic surgery in seniors. The book follows a logical sequence covering general aspects of care, cardiac surgery and thoracic surgery. Chapters are focused on common, devastating and often missed complications of surgical care in the seniors. These include delirium, depression, pressure sores, functional losses, incontinence, volume depletion and asymptomatic or atypical complications - myocardial infarction, post-operative diarrhea, urinary tract infections and pneumonia. Each is expertly reviewed. Strategies to help the surgeons and the surgical team anticipate, recognize and effectively prevent or manage such problems are discussed and the evidence basis for such strategies is provided.

Features
- Presents both evidence and techniques for cardiac surgery in the elderly to establish the best possible outcomes for patients
- First book to review the substantial body of knowledge that has been developed in recent years related to geriatric cardiothoracic surgical problems
- Features the foremost knowledge and expertise of the pioneers in geriatric surgery.

Fields of interest
Cardiac Surgery; Abdominal Surgery; General Surgery

Target groups
Professional/practitioner

Discount group
MR

Autoimmune Diseases
Acute and Complex Situations

Autoimmune Diseases: Acute and Complex Situations provides a detailed overview of conditions associated with autoimmune diseases that are considered either life-threatening or requiring complex management. These include abdominal pain, arthritis, cutaneous ulcers, gastrointestinal hemorrhage, epilepsy, pancreatitis, stroke and white-matter CNS lesions.

Autoimmune Diseases: Acute and Complex Situations addresses the latest clinical and immunological prognostic factors that may help to identify patients at higher risk of developing potentially life-threatening involvement. This book comprehensively helps the reader to diagnose these patients, in whom an early therapeutic approach is essential.

Autoimmune Diseases: Acute and Complex Situations is a valuable reference tool for rheumatologists, internists, immunologists, and all the specialists involved in the multidisciplinary care of patient with rheumatic and systemic autoimmune diseases.

Features
- An overview of the main complex and acute clinical situations occurring in patients with Systemic Autoimmune Disease assists the reader to quickly and easily locate the different life-threatening, complex situations in separate chapters for each disease
- Descriptions of the latest clinical and immunological prognostic factors that may help to identify patients at higher risk of developing potentially life-threatening involvement aids the reader to diagnose these patients, in whom an early therapeutic approach is essential
- The inclusion of nearly 100 images and diagnostic/therapeutic algorithms illustrates the text with clinical photographs of the main organs involved, and helps the reader to make diagnostic and therapeutic decisions

Fields of interest
Rheumatology; Internal Medicine

Target groups
Professional/practitioner

Discount group
MR
Nuclear Medicine Technology Study Guide
A Technologist’s Review for Passing Board Exams

Nuclear Medicine Technology Study Guide presents a comprehensive review of nuclear medicine principles and concepts necessary for technologists to pass board examinations. The practice questions and content follow the guidelines of the Nuclear Medicine Technology Certification Board (NMTCB) and American Registry of Radiological Technologists (ARRT), allowing test takers to maximize their success in passing the examinations. The book is organized by sections of increasing difficulty, with over 600 multiple-choice questions covering all areas of nuclear medicine, including radiation safety; radionuclides and radiopharmaceuticals; instrumentation and quality control; patient care; and diagnostic and therapeutic procedures. Detailed answers and explanations to the practice questions follow. Supplementary chapters will include nuclear medicine formulas, numbers, and a glossary of terms for easy access by readers. Additionally, test-taking strategies are covered.

Features
► Over 600 multiple-choice questions and answers organized by level of difficulty

Contents
Tackling the Multiple-Choice Test.- Test I.- Test II.- Test III.- Formulas, Numbers, and Normal Range of Values.- Commonly-Used Abbreviations and Symbols in Nuclear Medicine.- Useful Websites.-

Fields of interest
Nuclear Medicine; Imaging / Radiology; Diagnostic Radiology

Target groups
Professional/practitioner

Discount group
MR

The Poly-Traumatized Patient with Fractures
A Multi-Disciplinary Approach

This guide provides practical information for the care of patients with blunt injuries. It covers the care for truncal injuries (head, chest, abdomen) and fracture care of the extremities, the pelvis and the spine in a condensed fashion. Unlike previous, anatomically oriented outlines, this combines the anatomic location with frequent injury combinations. It is written for orthopedic and trauma surgeons, offering them a condensed outline of fracture treatment. In addition, all aspects of trauma care are covered, including associated injuries that may alter the decision making in patients with polytrauma.

Features
► Practical guide written by international experts in the field. ► Covers trauma and orthopedics in an integrated fashion. ► Combines anatomic location with frequent injury combinations

Fields of interest
Orthopedics; Traumatic Surgery; Emergency Medicine

Target groups
Professional/practitioner

Discount group
MR

Frozen Section Library: Central Nervous System

Frozen section of Neuropathology-related cases is performed while the patient is undergoing surgery. Intraoperative consultation is used to help guide intraoperative management of the case and to ensure that adequate and appropriate tissue has been obtained for purposes of making an accurate final diagnosis. Frozen section diagnosis is often a highly demanding situation for the pathologist, who must render a diagnosis quickly and provide sound guidance and advice. In addition to the need for rapid recall of differential diagnoses, there are many pitfalls and artifacts that add to the risk of frozen section diagnosis that are not present with permanent sections of fully processed tissue that can be examined in a more leisurely fashion. Most standard pathology textbooks focus primarily on permanent section material and largely ignore the topic of frozen section.

The purpose of this volume is to add to the Frozen Section Library series and provide a convenient, user friendly handbook to assist in the evaluation of central nervous system-related frozen sections. It provides a useful reference, organized around differential diagnoses, primarily by location in the central nervous system. The text will be illustrated with color pictures and include tables as appropriate.

Features
► Convenient, user friendly handbook. ► Well illustrated. Site specific

Contents

Field of interest
Pathology

Target groups
Professional/practitioner

Discount group
MR
Changing Landscape of Academic Women’s Health Care in the United States

Since 2005 a dozen states and more than 15 specialties have reported a physician shortage or anticipate one in the next few years. This anticipated shortage and a worsening of physician distribution are compounded by a projected increased demand for women’s healthcare services. Women’s healthcare is particularly vulnerable, because the obstetrician-gynecologist workforce is aging and is among the least satisfied medical specialists. Furthermore, fellowship training in women’s healthcare in internal medicine and in maternal child health in family and community medicine involves a small portion of general internists and family physicians.

In response to this challenge, the Association of American Medical Colleges called for an expansion of medical schools and graduate medical education enrollments. As we cope with significant and rapid changes in organizations and reimbursement, academic departments of obstetrics and gynecology, family and community medicine, and internal medicine have opportunities to create unified women’s health curriculum for undergraduate students, share preventive health and well-being, and develop meaningful links to the Flexner Report.

Features

- This volume is an important addition to the literature, because women’s health is a major academic healthcare issue.
- It focuses on strategic planning on behalf of academic faculty.
- It is written by authors with distinguished leadership skills.
- Uses of national normative databases and links to the Flexner Report.
- Contains recommendations for implementation.

Fields of interest

Public Health/Gesundheitswesen; Gynecology; Administration, Organization and Leadership

Target groups

Professional/practitioner

Discount group

MR

CT of the Acute Abdomen

CT of the Acute Abdomen provides a comprehensive account of the use of CT in patients with acute abdomen. Recent important developments in CT, including multislice CT and multiplanar reconstructions, receive particular attention. CT features are clearly illustrated, and pitfalls and differential diagnoses are discussed. The first section of the book presents epidemiological and clinical data in acute abdomen. The second and third sections document the key CT findings and their significance and discuss the technological background. The fourth and fifth sections, which form the main body of the book, examine in detail the various clinical applications of CT in nontraumatic and traumatic acute abdomen. This book will serve as an ideal guide to the performance and interpretation of CT in the setting of the acute abdomen; it will be of value to all general and gastrointestinal radiologists, as well as emergency room physicians and gastrointestinal surgeons.

Features

- An in-depth and comprehensive account of the use of CT in patients with acute abdomen.
- Particular focus on recent significant developments in CT relevant to imaging of the acute abdomen, such as multislice CT and multiplanar reconstructions.
- Takes full account of new trends in diagnosis and management, and examines the role of CT in this context. Clearly documents pitfalls and differential diagnoses.

Fields of interest

Imaging / Radiology; Diagnostic Radiology; Gastroenterology

Target groups

Professional/practitioner

Discount group

MR

Comprehensive Cardiovascular Medicine in the Primary Care Setting

Comprehensive Cardiovascular Medicine in the Primary Care Setting provides an authoritative, detailed discussion of cardiovascular disease balanced with practical utility. Disease states are explained with emphasis on risk factors, risk estimation, and established cardiac disease. The book also delves into the co-morbid conditions which surround cardiovascular disease, including peripheral vascular disease, chronic kidney disease, depression, and erectile dysfunction, with the goal of improving quality of life for affected individuals. An abundance of algorithms, case studies, and recommendations on evidence-based best practices facilitate rapid learning. A key resource for the busy practitioner, this book is designed to give the reader the skills to confidently perform assessments, initiate and maintain efficacious therapy, and know when a referral to a cardiologist is advisable.

Features

- Provides practical knowledge and comprehensive coverage of cardiovascular disease.
- Algorithms, case studies, and recommendations on evidence-based practice are presented in every chapter.
- Designed to help the busy practitioner perform assessments, initiate and guide efficacious therapy, and know when referral to a cardiologist is advisable.

Fields of interest

Internal Medicine; Cardiology; General Practice / Family Medicine

Target groups

Professional/practitioner

Discount group

MR
Brainstem Disorders

The book is a translation from the German language edition: “Erkrankungen des Hirnstamms” by Peter P. Urban Copyright 2009 by Schattauer GmbH, Stuttgart

The topography of the brainstem is complex, and even experienced neurologists find it challenging to localize brainstem lesions and diagnose brainstem disorders. This richly illustrated book provides a comprehensive review of brainstem disorders and presents the clinical knowledge necessary for diagnosis. The opening sections document the brainstem neuroanatomy and discuss current diagnostic methods. The entire spectrum of clinical findings in brainstem disorders is then described, and topodiagnostic aspects of the neurological findings are explained in detail. The descriptions of brain stem disorders are consistently structured and are supported by many MR images and short case reports. In addition to primary brainstem lesions, such as vascular brainstem syndromes, other disorders are considered that do not exclusively show brainstem symptoms or signs, e.g., multiple sclerosis. This book will serve as an invaluable reference work for neurologists in clinical practice or further education.

Features

- A comprehensive review of brainstem disorders that presents the clinical knowledge necessary for diagnosis
- Documents the brainstem neuroanatomy and discusses current diagnostic methods
- Describes the entire spectrum of clinical findings in the various brainstem disorders and explains in detail the topodiagnostic aspects of neurological findings
- Includes many MR images and short case reports

Fields of interest
Neurology; Neuroradiology; Neurosurgery

Target groups
Professional/practitioner

Discount group
MR

Raising of Microvascular Flaps

A Systematic Approach

This book provides all those who deal with microsurgical tissue transfer, i.e. plastic surgeons, ENT surgeons, trauma surgeons, and oral and maxillofacial surgeons, with all they need to know in their daily practice. In this second edition, the authors have followed the principle of systematic teaching based on photographs of cadaver preparations alongside explanatory color drawings to enhance understanding of the anatomy. Since microvascular tissue transfer is continuously developing, three flaps from the new generation that expand the spectrum of reconstructive possibilities have been added. As in the first edition, the operative techniques for all flaps are also shown step by step on the DVD that accompanies the book. For each step, individual risks and mistakes are emphasized. A special strength of the book is its clear didactic structure. The highly instructive text is comprehensive and precise and also covers all representative literature on flap raising.

Features

- Systematic approach to the techniques of microsurgical tissue transfer
- Brilliant photographs and artwork clearly showing all the surgical steps and the underlying anatomy
- Covers all commonly used soft-tissue and bone flaps including a new series of perforator flaps
- Step-by-step instructions given in videos on a DVD

Contents


Fields of interest
Oral and Maxillofacial Surgery; Plastic Surgery; Otorhinolaryngology

Target groups
Professional/practitioner

Discount group
MR