Magnetic Resonance Imaging of the Bone Marrow

On account of its unrivalled imaging capabilities and sensitivity, magnetic resonance imaging (MRI) is considered the modality of choice for the investigation of physiological and pathological processes affecting the bone marrow.

Features
- First book to be devoted to MRI of the bone marrow
- Describes the MRI appearances of both the normal bone marrow and the full range of bone marrow disorders
- Discusses the role of advanced MRI techniques and contrast enhancement

Contents
Technical aspects in bone marrow imaging:
- Diffusion and perfusion for bone marrow imaging
- Contrast media
- Histology and normal bone marrow: Histology of bone marrow: Normal bone marrow, variants and mimickers: Imaging examples of age dependent normal bone marrow and haematopoietic poikilocytes
- Bone marrow neoplasia: Primary bone marrow malignancies: Bone metastases: Multiple myeloma: MRI as a tool for the assessment of treatment response in oncologic marrow involvement: Differentiation of benign and malignant vertebral compression fractures

Fields of interests
Imaging / Radiology: Diagnostic Radiology

Target groups
Professional/practitioner

Discount group
Medical Professional

Renal Cell Carcinoma
Clinical Management

Features
- Comprehensive, state-of-the-art review
- Provides important advances in new surgical techniques
- Provides advances in systemic treatments

Contents
Section I: Localized Disease.
- 1. Etiology of RCC: Incidence, Demographics, and Environmental Factors.
- 2. Pathology of Renal Cell Carcinoma.
- 3. Familial Renal Cell Carcinoma.
- 4. Imaging of Renal Cell Carcinoma.
- 5. Prognostic Factors for Localized Renal Cell Carcinoma.
Section II: Management of Localized RCC.
- 6. Assessment of Oncologic Risk for Clinical Stage T1 Renal Tumors and the Emerging Role of Renal Mass Biopsy.
- 10. Active Surveillance of the Small Renal Mass.
Section III: Locally Advanced Disease.
- 11. Locally Advanced Renal Cell Carcinoma.
Section IV: Advanced Disease.
- 15. Integration of Surgery in Metastatic Renal Cancer.
- 16. Immunotherapy for Renal Cell Carcinoma.
- 18. mTOR in Renal cell carcinoma.
- 19. Palliative and Supportive Care for Renal Cancer.

Fields of interests
Urology/Andrology; Oncology

Target groups
Professional/practitioner

Discount group
Professional Non-Medical

Renal Cell Carcinoma
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Features
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Fields of interests
Urology/Andrology; Oncology

Target groups
Professional/practitioner

Discount group
Professional Non-Medical

Available
2013. 350 p. 12 illus. in color. (Medical Radiology / Diagnostic Imaging) Hardcover
- approx. $329.00
ISBN 978-3-642-17859-7

Due September 2012
2012. XII, 486 p. 90 illus., 45 in color. (Current Clinical Urology) Hardcover
- $209.00
ISBN 978-1-62703-061-8

Available
2012. VI, 106 p. 20 illus. (SpringerBriefs in Statistics) Softcover
- $49.95
ISBN 978-94-007-4803-3
A. T. Chan, Massachusetts General Hospital, Boston, MA, USA; E. Detering, Bayer Schering Pharma AG, Berlin, Germany (Eds)

**Prospects for Chemoprevention of Colorectal Neoplasia**

**Emerging Role of Anti-Inflammatory Drugs**

The prevention of colorectal cancer is a subject of increasing medical importance, and there have been a number of promising recent developments. This book examines in detail important aspects of the current status and future prospects for chemoprevention of colorectal tumors. Research into the mechanisms that lead from early colorectal adenoma to colorectal cancer is discussed.

**Features**

- Examines in detail important aspects of the current status and future prospects for chemoprevention of colorectal tumors
- Discusses the latest data from drug trials and their implications
- Adopts a holistic perspective

**Contents**

- What is chemoprevention today?
- Mechanistic aspects in tumor development and progression of colorectal adenoma and carcinoma
- Mode of action of aspirin as a chemopreventive agent
- COXibs: pharmacology, toxicity and efficacy in cancer clinical trials
- COX-2 active agents in chemoprevention (includes aspirin, coxibs, and DFMO)
- New potential developments in aspirin/NSAID derivatives
- Aspirin in CRC chemoprevention in the context of other chronic diseases
- Nutritional agents with anti-inflammatory properties in chemoprevention of colorectal adenoma and carcinoma
- Genetic risks for CRC and hereditary forms of CRC
- Strategies for prevention in high risk population

**Fields of interests**

Oncology; Gastroenterology; Internal Medicine

**Target groups**

Professional/practitioner

**Discount group**

Medical Professional

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A. E. Dixon, University of Vermont College of Medicine, Burlington, VT, USA; E. C. Beaty, Johns Hopkins University, Baltimore, MD, USA (Eds)

**Obesity and Lung Disease**

**A Guide to Management**

As a result of the rapidly growing rate of obesity worldwide, clinicians are struggling to provide the best strategies for treating obese patients with concomitant pulmonary conditions. Obesity does not simply change the epidemiology of pulmonary disease; obesity has a profound impact on the pathophysiology of common pulmonary diseases. Obesity affects the severity of asthma, response to treatment, and is likely a major modifier of the phenotype of asthma.

**Features**

- Comprehensive, first-of-its kind title in the field
- Covers full range of issues impacting obese patients with pulmonary conditions
- Important new resource for clinicians and scientists alike

**Contents**

- Effects of Obesity on Lung Function
- Effects of Obesity on Airway Responsiveness
- Pathogenesis of Obstructive Sleep Apnea in Obesity
- The Effects of Obesity on Immune Function and Pulmonary Host Defense
- Obesity Hypoventilation Syndrome
- Effect of Obesity on the Development and Clinical Presentation of Asthma
- Treatment of the Obese Patient with Asthma
- Obesity and Chronic Obstructive Pulmonary Disease
- Obesity, The Metabolic Syndrome and Pulmonary Hypertension
- Obesity and Acute Lung Injury
- Mechanical Ventilation of the Patient with Severe Obesity

**Fields of interests**

Medicine/Public Health, general; Endocrinology; Internal Medicine

**Target groups**

Professional/practitioner

**Discount group**

Professional Non-Medical
Principles and Practice of Interventional Pulmonology

Contents
- History of the Rigid Bronchoscope.
- General Principles of Endoscopic Imaging.
- The Bronchoscope: What’s Available, Determining Selection and How to Properly Care for the Instrument.
- Bronchoscopic Procedural Unit Design for Advanced Procedures.
- Quality Control Mechanism for Endoscopic Procedures.
- Moderate and Deep Sedation Techniques.
- Physiology of Fixed Airway Obstruction.
- Airway Imaging.
- Airway Anatomy.
- Bronchoscopy Education.
- Simulation for Endoscopy Training.
- Principles of Cancer Staging.
- Laryngoscopy.
- Assessment of Vocal Cord Function and Voice Disorders.
- Conventional Biopsy Techniques.
- Bronchial Veolar Lavage.
- Radial Endobronchial Ultrasound (EBUS).
- Linear Endobronchial Ultrasound.
- Esophageal Ultrasound.
- EBUS Guidance for Peripheral Biopsies.
- Autofluorescence Bronchoscopy and Narrow Band Imaging.
- Confocal Imaging.
- Optical Coherence Tomography.
- Image-Guided Bronchoscopy.
- Malignant Central Airway Obstruction.
- Management of Principles of Non-Malignant Airway Obstruction.
- Rigid Bronchoscopy.
- Metallic Stenting.
- Endobronchial Silicone Stents for Airway Management.
- Y-Stenting Techniques.
- Montgomery T-tubes.
- Electroscopy.
- Cryotherapy.
- Cryobedriment.
- Microdecomet.
- Use of Medical Lasers for Airway Disease.
- Brachytherapy.
- Photodynamic Therapy.
- Balloon Dilatation Techniques.
- Radiation Therapy and Techniques for Fiducial Placement.
- Management of Subglottic Stenosis and Subglottic Stenosis in Systemic Disease.

Fields of interests
- Pneumology/Respiratory System.
- Thoracic Surgery.
- Surgical Oncology.

Target groups
- Professional/practitioner.

Discount group
- Medical Clinical.

Autism and the Brain

Neurophenomenological Interpretation

For years, the typical presentation of autism—the developmental delays, the social and linguistic deficits—has been well known. Despite great variation among children with this condition, certain symptoms are considered hallmarks of the disorder. Less understood is why these symptoms come together to construct autism. And as autism rates continue to rise, this information is ever more vital to accurate diagnosis and treatment.

Features
- Interdisciplinary study that provides neurophenomenological analysis of autism.
- Explores a new hypothesis of brain pattern underlying clinical manifestation of autism.
- Strives to overcome reductionism of current neuroscience and link phenomenology, psychopathology and neuroscience.
- Tracks the fundamental problem to part of the left hemisphere, which is responsible for awareness of personal identity—self, as one and apart from others.

Contents
- Chapter I. Introduction.
- Chapter II. How autistic persons understand words.
- Chapter III. How autistic persons perceive the world.
- Chapter IV. How autistic persons perceive faces.
- Chapter V. How autistic persons act in the world.
- Chapter VI. How autistic persons perceive space and spatial relations.
- Chapter VII. How autistic persons feel.
- Chapter VIII. Autistic persons’ sense of self.
- Chapter IX. The left-hemispheric self in autism revisited.
- Chapter X. Pieces of autism’s puzzle fall into place.

Fields of interests
- Psychiatry.
- Child and School Psychology.
- Neurosciences.

Target groups
- Research.

Discount group
- Medical Professional.

Minimally Invasive Thoracic and Cardiac Surgery

Textbook and Atlas

It is now 20 years since thoracoscopic surgery first entered everyday hospital practice, revolutionizing surgery and offering major benefits to patients.

Features
- Detailed description of practicalities of minimally invasive thoracic and cardiac surgery.
- World’s best surgeons provide authoritative, comprehensive and complete account of their respective fields.
- Unique and only textbook on minimal invasive surgery and robotic surgery in the chest.

Contents
- General Section: History.
- General Aspects and Definitions in Minimally Invasive Surgery.
- Specific Section: Part I Minimally Invasive Thoracic Surgery.
- Anaesthesia.
- The Lung.
- The Pleura.
- The Mediastenum.
- The Oesophagus.
- The Diaphragm.
- Part II Minimally Invasive Cardiac Surgery: Anaesthesia.
- The Pericardium.
- The Future in Minimally Invasive Thoracic- and Cardiac Surgery.

Fields of interests
- Minimally Invasive Surgery.
- Thoracic Surgery.
- Cardiac Surgery.

Target groups
- Professional/practitioner.

Discount group
- Medical Professional.

Due September 2012
2013. 651 p. 614 illus., 488 in color. Hardcover
★★ approx. $189.00

Due July 2012
2012. IX, 313 p. 34 illus., 10 in color. Hardcover
★★ $189.00

Available
2012. XIV, 530 p. 428 illus., 399 in color. Hardcover
★★ approx. $249.00
ISBN 978-3-642-11860-9
Cardiac Drug Therapy

This fully revised and expanded 8th edition provides practicing physicians with an essential guide to the medical treatment of the cardiac patient.

Features
- Designed to fit in a coat pocket, this book provides a quick reference to drug therapies available for every type of cardiovascular disease
- Fully revised, the eighth edition is expanded and contains new chapters on PCI, Cardiomyopathies, and new cardiac agents
- ECGs are featured to illustrate clinical cardiac findings
- Key chapters discuss all major drug classes and the controversies surrounding them, presenting major evidence in relation to the author’s recommendations

Contents
- Beta-Blockers: The Cornerstone of Cardiac Drug Therapy
- Beta-Blocker Controversies
- Angiotensin-Converting Enzyme Inhibitors and Angiotensin II Receptor Blockers
- ACE Inhibitor Controversies
- Calcium Antagonists (Calcium Channel Blockers)
- Calcium Antagonist Controversies
- Diuretics
- Hypertension Controversies
- Management of Angina
- Management of Acute Myocardial Infarction
- Management of Heart Failure
- Heart Failure Controversies
- Management of Cardiac Arrhythmias
- Management of Infective Endocarditis
- Management of Cardiomyopathies
- Management of Dyslipidemias
- Statin Controversies
- Antiplatelet Agents, Anticoagulants, Specific Thrombin Inhibitors
- Cardiac Drugs During Pregnancy and Lactation
- Effects of Drug Interactions
- Hallmark Clinical Trials
- Drugs for Percutaneous Coronary Intervention
- New Cardiac Agents

Fields of interests
- Cardiology; Internal Medicine; General Practice / Family Medicine

Target groups
- Professional/practitioner

Discount group
- Medical Professional

Atlas of Advanced Endoaortic Surgery

There is no standard textbook at this time on endovascular management of thoracic aortic pathologies.

Feature
- Currently no other book on market which focuses on endovascular surgery for thoracic aortic pathologies
- The book details various clinical case scenarios as well as controversies to highlight the use of this new technology
- The various aortic pathologies would be discussed combining etiology, diagnostic tools like intravascular ultrasound (IVUS) and 64 slide CT scans which are all state of the art technologies, endovascular treatment, management of endoleaks, reinterventions combined with techniques of trouble shooting

Contents
- Forewords
- Acknowledgement
- Dedication
- Preface
- The Cardiovascular Hybrid Operating Room
- Advanced Computed Tomography Imaging, Workstations, and Planning Tools
- Intravascular Ultrasound Imaging Applications for Endoarterial Surgery
- Devices and Accessories in Endoarterial Surgery
- Access Techniques
- Spinal Cord Protection
- Endovascular Applications for Abdominal Aortic Pathologies
- Endovascular Applications for Thoracic Aortic Pathologies
- Endovascular Applications for Thoracoabdominal Pathologies
- Endovascular Applications for Arch-Aortic Pathologies
- Complications in Endoarterial Surgery: Endoleaks After Endovascular Repair of the Abdominal Aorta
- Future Technology and Customized Solutions for Endoarterial Surgery

Fields of interests
- Cardiology; Cardiac Surgery; Interventional Radiology

Target groups
- Professional/practitioner

Discount group
- Medical Professional

Telerehabilitation

Contents
- Introduction to Telerehabilitation
- Challenges and Trends Driving Telerehabilitation
- Telerehabilitation in the Military
- Nonverbal Communication and Telerehabilitation
- Telerehabilitation Interface Strategies for Enhancing Access to Health Services for Persons with Diverse Abilities and Preferences
- Telerehabilitation as a Means of Health Care Delivery
- Implementation and Management of a Successful Telerehabilitation Program in Speech Language Pathology
- Speech Therapy Telepractice
- Applications in Teleaudiology
- Telehealth Opportunities in Occupational Therapy
- Tele-ergonomics
- Electronic Record and Telerehabilitation
- Health Information Management and Rehabilitation: Moving Toward an Adequate Ethical Framework for Telerehabilitation
- Remote Accessibility Assessment System
- TeleAbilization—GameAbilization
- Virtual Reality Technologies and the Creative Arts in the Areas of Disability, Therapy, Health, and Rehabilitation
- Design, Construction, and Integration in Instrumented Walkways of a Portable Kit for the Assessment of Gait Parameters in Telerehabilitation
- Design and Construction of a Wearable Tool for Fall-Risk Detection in Telerehabilitation
- Professional Associations, State Licensure, and the Reimbursement of Telerehabilitation
- Making a Business Case for eHealth and Teleservices
- Speech-Language Pathology and Telerehabilitation

Fields of interests
- Health Informatics
- Health Administration
- Medicine/Public Health, general

Target groups
- Professional/practitioner

Discount group
- Medical Professional
Choosing the Correct Radiologic Test

Case-Based Teaching Files

Owing to financial constraints, greater pressure is being put on physicians to order only appropriate radiologic exams. The American College of Radiology (ACR) Appropriateness Criteria have emerged as a widely accepted standard by which the appropriate use of radiologic exams is judged. This book enables physicians and trainees to learn the ACR recommendations in a clinically relevant and intellectually stimulating way. More than 400 clinical scenarios are organized into ten modules based on organ systems.

Features

- A stimulating guide to the appropriate choice of radiologic exam in more than 400 clinical scenarios in all medical subspecialties Based on the American College of Radiology’s Appropriateness Criteria Interactive quiz format Correlative images of pathologies illustrating the diagnostic power of the best exam in each scenario Ideal tool for self-study and evaluation of students’ knowledge

Contents


Fields of interests

Imaging / Radiology; Internal Medicine; Emergency Medicine

Target groups

Professional/practitioner

Discount group

Medical Professional

Pediatric Metabolic Syndrome

Comprehensive Clinical Review and Related Health Issues

Contents


Fields of interests

Metabolic Diseases; Health Promotion and Disease Prevention; General Practice / Family Medicine

Target groups

Professional/practitioner

Discount group

Medical Professional

Available

2013. X, 240 p. 242 illus., 10 in color. With DVD. Hardcover

$139.00

ISBN 978-3-642-15771-4

News 6/2012

A. J. Larner, Walton Centre for Neurology and Neurosurgery, Liverpool, UK (Ed)

Cognitive Screening Instruments

A Practical Approach

Features

- Widely applicable text for clinicians involved in patient diagnosis and management - Details of commonly used and easily available cognitive screening instruments, their application, and their advantages and disadvantages - Allows readers to access data regarding feasibility of test use in their own practice setting - Clear tabular and graphical display of data - Summaries and recommendations regarding the diagnostic use of particular cognitive screening instruments, which informs and guides readers in their own practice

Contents


Fields of interests

Neurology; Neuropsychology

Target groups

Professional/practitioner

Discount group

Medical Professional
Screening for Depression and Other Psychological Problems in Diabetes

A Practical Guide

Features

- Practical help with understanding the key concepts used in screening.
- In-depth discussion of specific depression screening tools and guidelines for their use and interpretation of results.
- Discussion of other psychological problems e.g. diabetes-related distress.

Contents

1. Why and when should we screen for depression and other psychological problems?
   - 2. Disentangling Clinical Depression from Diabetes-Specific Distress: Making Sense of the Mess We’ve Made.
   - 3. Key concepts in screening for depression in people with diabetes
   - 4. Cultural applicability of screening tools for measuring symptoms of depression.
   - 5. Top Ten Screening Tools for Measuring Depression in People with Diabetes
   - 6. Screening for depression in people with diabetes
   - 7. Screening for depression in older people
   - 8. Measuring depression in children and young people
   - 9. Screening in secondary care

Fields of interests

Diabetes; Psychiatry; Endocrinology

Target groups

Professional/practitioner

Discount group

Medical Professional

Available

2012. XVI, 204 p. 7 illus., 6 in color. Softcover

Price: £39.95

ISBN 978-0-85729-750-1

Stereotactic Body Radiation Therapy

Stereotactic body radiation therapy (SBRT) has emerged as an important innovative treatment for various primary and metastatic cancers.

Features

- Comprehensive an up-to-date account of the physical/technological, biological, and clinical aspects of SBRT
- Examines in detail retrospective studies and prospective clinical trials for various organs from around the world
- Written by world-renowned experts in SBRT from North America, Asia and Europe

Contents


Fields of interests

Imaging / Radiology; Diagnostic Radiology; Radiotherapy

Target groups

Professional/practitioner

Discount group

Medical Professional

Available

2013. Approx. 400 p. 120 illus. in color. (Medical Radiology / Radiation Oncology) Hardcover

Price: £329.00

ISBN 978-3-642-25604-2

Nevogenesis

Mechanisms and Clinical Implications of Nevus Development

The “Abtropfung” theory that nevi develop through the migration of nevus cells from the epidermis to the dermis prevailed for almost a century until the “Hochsteigerung” theory postulated the reverse pattern of migration. Most recently, however, new insights gained from epidemiology, cross-sectional and longitudinal studies of nevi, dermoscopy and confocal microscopy, and cellular and molecular studies have brought into question both of these theories.

Features

- A detailed update on current knowledge of nevogenesis
- Presents the latest evidence from a wide variety of studies
- Will help practicing physicians to manage patients with a variety of nevi and assist researchers in the field of nevogenesis and melanomagenesis

Contents


Fields of interests

Dermatology; Oncology

Target groups

Professional/practitioner

Discount group

Medical Professional

Available

2013. IX, 155 p. 67 illus., 66 in color. Hardcover

Price: $189.00

ISBN 978-3-642-28396-3
R. Ménard, Institut Pasteur, Paris, France (Ed)

Malaria

Methods and Protocols

Contents
In vitro Culturing P. falciparum Erythrocytic Stages.- Production of Plasmodium falciparum Ga
metocytes in vitro.- In vitro Differentiation of Plas
modium falciparum Ga
etocytes into Ookinetes.- Ex vivo culture of Plasmodium Vivax and Plasmodium Cynomolgi and in vitro Culture of Plasmodium Knowlesi Blood Stages.- Laboratory Maintenance of Rodent Malaria Parasites.- Transfer
fection of Plasmodium falciparum.- Transfer
ction of Rodent Malaria Parasites.- Recombina
gies DNA Microarray Platform.- Transcriptome Analysis using RNA-seq.- Experimental Tools for the Study of Protein Phosphorylation in Plasmodium.- Extraction of Hydrophilic Metabo
lites from Plasmodium falciparum-infected Erythrocytes for Metabolomic Analysis.- Static and Dynamic Imaging of Erythrocyte Invasion and Early Intra-erythrocytic Development in Plasmodi
um falciparum.- Flow Cytometry-based Methods for Measurement of Cytosolic Calcium and Surface Protein Expression in Plasmodium falcipa
rum Merozoites.- Microphilia
tion: a Microsphere Matrix to Explore Erythrocyte Deformability. […]

Fields of interests
Infectious Diseases; Parasitology

Target groups
Professional/practitioner

Discount group
Professional Non-Medical

J. Menetrey, University Hospital of Geneva, Switzerland; S. Zaffagnini, Rizzoli Institute Bologna, Italy; D. Fritschy, University Hospital of Geneva, Switzerland; N. v. Dijk, University of Amsterdam, Netherlands (Eds)

ESSKA Instructional Course Lecture Book
Geneva 2012

Features
A collection of instructional course lectures given during the 15th ESSKA Congress in 2012. Covers most of the hot topics in the field. Presents up-to-date core knowledge with a didactic orientation

Contents

Fields of interest
Surgical Orthopedics

Target groups
Professional/practitioner

Discount group
Medical Professional

T. Priestman, New Cross Hospital, Wolverhampton, UK

Cancer Chemotherapy in Clinical Practice

A simple introduction explaining the broad principles underlying chemotherapy, this book gives trainees a framework within which they can place the specific aspects of cancer chemotherapy they encounter in their everyday experience. The first part of this book is unique in explaining the recent developments in the field in terms of their point of action in the natural history of cancer. The second and third sections contain a more straightforward description of practical aspects of chemotherapy, and the current place of drug treatment in everyday cancer management, including the outcomes of that treatment.

Features
Gives an overview of how different treatments relate to different cancers, and different stages of cancer development. Specifically relates different drug treatments to the natural history of cancer, from gene mutation to metastasis. Includes a number of simple diagrams to help to reinforce, and further clarify some of the basic biological principles being discussed

Contents

Fields of interests
Oncology; Cancer Research; Pharmacy

Target groups
Professional/practitioner

Discount group
Medical Professional

Due August 2012

2nd ed. 2012. XX, 781 p. 75 illus., 53 in color. (Methods in Molecular Biology, Volume 923)

Hardcover
$159.00
ISBN 978-1-62703-025-0

Available
$139.00
ISBN 978-3-642-29445-7

Available
2012. XIII, 177 p. 15 illus., 3 in color. Softcover
$49.95
ISBN 978-0-85729-726-6
Radiological Interventions in Obstetrics and Gynaecology

A. Rosenblatt, University of São Paulo Medical School, Brazil; H. G. Campos Gui, University of São Paulo Medical School, Brazil; W. Belda Jr., University of São Paulo Medical School, Brazil

Male Genital Lesions

The Urological Perspective

Features

▸ An invaluable aid to the differential diagnosis of sexually transmitted infections, benign dermatological genital lesions, and premalignant and malignant genital disorders in the male ▸ Richly illustrated, with more than 700 full-color, high-definition figures ▸ Concise, up-to-date explanatory text that covers etiology, pathology, clinical manifestations, laboratory diagnosis, and treatment options

Contents


Fields of interests

Urology/Andrology; Dermatology; General Practice / Family Medicine

Target groups

Professional/practitioner

Available

2012. V, 419 p. 793 illus., 736 in color. Hardcover ▸ $209.00

ISBN 978-3-642-10852-5

O. Schober, B. Riemann, University of Münster, Germany (Eds)

Molecular Imaging in Oncology

The impact of molecular imaging on diagnostics, therapy, and follow-up in oncology is increasing steadily. Many innovative molecular imaging probes have already entered clinical practice, and there is no doubt that the future emphasis will be on multimodality imaging in which morphological, functional, and molecular imaging techniques are combined in a single clinical investigation.

Features

▸ Considers in detail all aspects of molecular imaging in oncology, ranging from basic research to clinical applications in the era of evidence-based medicine ▸ Examines technological issues and probe design ▸ Discusses preclinical studies in detail, with particular attention to multimodality imaging ▸ Presents current clinical use of PET/CT, SPECT/CT, and optical imaging ▸ Written by acknowledged experts

Contents


Fields of interests

Oncology; Diagnostic Radiology; Nuclear Medicine

Target groups

Professional/practitioner

Available

2012, VI, 467 p. 110 illus., 65 in color. (Recent Results in Cancer Research, Volume 187) Hardcover ▸ $209.00

ISBN 978-3-642-10852-5
Manual of Diagnostic and Therapeutic Techniques for Disorders of Deglutition

Contents


Fields of interests

Otorhinolaryngology; Gastroenterology; Speech Pathology

Target groups

Professional/practitioner

Discount group

Medical Professional

Principles of Deglutition

A Multidisciplinary Text for Swallowing and its Disorders

Contents

Research in Clinical Practice

Research in Clinical Practice is a neat, pocket-sized reference guide examining how to get the most from actively participating in research. Including how to begin, avoiding pitfalls, whom to approach and what questions to ask - all significant practicalities for conducting research in the reader’s area of interest. Each reader will learn how to make the best use of such a valuable time. Written by two experienced surgeons, both of whom achieved post graduate research degrees, Research in Clinical Practice, is an essential tool for clinicians embarking on a research project as well as those who are new to supervising researchers.

Features

- Research in Clinical Practice is a compact and portable text written by clinicians for clinicians
- Its succinct style allows people to know what the problems are and how to approach them without clouding them with detail
- The use of summary boxes at the end of each chapter allows for easy identification of the key points in the chapter

Contents

Introduction. - Setting up a project. - Choosing a Project, Location and Supervisor. - Choosing a Degree. - Getting a Grant. - Special Qualifications and Equipment. - Getting Started. - Data Management. - Writing Up. - An Academic Career Pathway. - Getting Back. - Life After.

Fields of interest

Medicine/Public Health, general

Target groups

Professional/practitioner

Discount group

Medical Professional

Multidisciplinary Treatment of Hepatocellular Carcinoma

It is now widely accepted that multidisciplinary collaboration and multimodality treatment approaches are important in improving the survival of patients with hepatocellular carcinoma. In this comprehensive textbook, internationally renowned experts in the field present and discuss the various strategies employed in the treatment of the disease.

Features

- Comprehensive, accurate, and up-to-date textbook on the treatment of hepatocellular carcinoma
- Also discusses the biology, pathology, staging, and imaging of the disease
- Each chapter written by an internationally renowned expert in the field
- Designed to meet the needs of daily use

Contents


Fields of interests

Oncology; Hepatology; Cancer Research

Target groups

Professional/practitioner

Discount group

Medical Professional
Alcohol, Nutrition, and Health Consequences

Contents
Alcoholic and Nutrition: an Overview.- Genetics of alcohol metabolism.- Laboratory models available to study alcohol and nutrition.- Ethanol-induced lipid peroxidation and apoptosis in embryopathy.- Alcohol Use During Lactation: Effects on the Mother Infant Dyad.- Moderate alcohol administration: oxidative stress and nutritional status.- Alcohol use and abuse: Effects on Body Weight and body composition.- Alcohol Nutrition and health inequalities.- The effect of diet on protein modification by ethanol metabolites.- Vitamin B12 deficiency in alcoholics.- Alcohol American Indians/Alaskan Natives and Alcohol: Biology, Nutrition and Positive Programs.- Metabolism of Ethanol to Acetaldehyde in the Rat Mammary Tissue. Inhibitory Effects of Plant Polyphenols and Folic Acid.- Dietary zinc supplementation and prenatal ethanol exposure.- Tocotrienol and cognitive dysfunction induced by alcohol.- Soy Products Affecting Alcohol Absorption and Metabolism.- Oats supplementation and alcohol-induced oxidative tissue damage.- Fish oil n-3 fatty acids to prevent hippocampus and cognitive dysfunction in experimental alcoholism.- Alcohol in HIV and possible interactions with antiretroviral medications.- Popular energy drinks and alcohol.- The psychological synergistic effects of alcohol and caffeine.- Alcohol and Smoking: A correlation of use in youth?.- Are there Physiological Correlations between alcohol and tobacco use in adults?- Alcohol, HIV/AIDS and Liver Disease.- Nutritional status, socioeconomic factors, alcohol and cataracts. [...]  

Fields of interests
Clinical Nutrition; Nutrition; Primary Care Medicine

Target groups
Professional/practitioner

Discount group
Professional Non-Medical

Magnesium in Human Health and Disease

Magnesium is an essential mineral which is required for growth and survival of humans.

Features
➢ Provides expert reviews  ➢ International group of expert authors  ➢ Combines research from animal models and early human trials

Contents
Clinical Assessment of Magnesium Status in the Adult: An Overview.- Dietary Mg Intake and Biomarkers of Inflammation and Endothelial Dysfunction.- Magnesium Role in Cytokine Regulation of Hypoxic Placentas Related to Certain Placental Pathology.- Magnesium Links to Asthma Control.- Magnesium and Kidney Disease.- Magnesium Intake, Genetic Variants, and Diabetes Risk.- Magnesium Deficiency in Type 2 Diabetes.- Magnesium and Metabolic Disorders.- Magnesium and diabetes prevention.- Magnesium Supplementation and Bone.- Protective Functions of Magnesium Salts in Cancer Patients.- Magnesium and Hypertension.- The Role of Magnesium in the Cardiovascular System.- Vascular biology of magnesium—implications in cardiovascular disease.- Intravenous Magnesium for Cardiac Arrhythmias in Humans: A Role?- Magnesium in inflammation-associated fetal brain injury.- Magnesium and Its Interdependency with Other Cations in Acute and Chronic Stressor States.- Magnesium and traumatic brain injury.- Magnesium in Subarachnoid Hemorrhage-From Bench to Bedside.- Alcohol and Magnesium.

Fields of interests
Clinical Nutrition; Nutrition; Cardiology

Target groups
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