Clinical Decisions in Pediatric Nephrology
A Problem-Solving Approach to Clinical Cases

Clinical Decisions in Nephrology: A Problem-Solving Approach provides a useful resource for those interested in renewing their clinical knowledge, diagnostic and therapeutic skills in nephrology. Each chapter consists of a series of challenging, clinically-oriented cases. The selected case reports focus on the essential aspects of the patient's presentation, laboratory data, and management to assist in the differential diagnosis. A series of logical questioning from the presentation of the signs and symptoms is followed by a detailed explanation that reviews recent publications and translates emerging areas of science into data that is useful at the bedside. An updated bibliography is included after each set of clinical cases.

Features
► Evidenced-based medicine approach
► Question-Answer format

Contents
Preface.- Fluid and Electrolyte Disorders.- Acid-Base Disturbances.- Disorders of Divalent Ion Metabolism.- Nephrolithiasis.- Hypertension.- Acute Renal Failure.- Hereditary Nephritis and Genetic Disorders.- Glomerular, Vascular and Tubulo-Interstitial Diseases.- Chronic Kidney Disease.- Renal Osteodystrophy.- End-Stage Renal Disease and Dialysis.- Transplantation.- Index.

Fields of interest
Nephrology; Pediatrics

Target groups
Nephrologists, nephrology trainees, pediatricians and pediatric nephrologists

Discount group
MC

Spinal Disorders
Fundamentals of Diagnosis and Treatment

Spinal disorders are among the most common medical conditions with significant impact on health related quality of life, use of health care resources and socio-economic costs. Spinal surgery is still one of the fastest growing areas in clinical medicine. The increasing age of the population will require an increased need for the treatment of degenerative spinal disorders particularly spinal stenosis. Basic knowledge on the state of the art in diagnosis and treatment of spinal disorders is required not only for spine specialists but also for general orthopedic surgeons, rheumatologists, neurologists, psychiatrists, chiropractors, physiotherapists, basic scientists and health care executives to choose and/or evaluate appropriate diagnostic and therapeutic approaches. "Spinal Disorders" is an easily readable teaching tool focusing on fundamentals and basic principles. It provides a homogeneous syllabus with a consistent didactic strategy teaching fundamentals and general principles.

Features
► Core messages and marginal notes highlight the most important teaching objectives and guide the reader through the chapter ► Introductory cases introduce the topic by report of a typical cases representative of the specific pathology ► Case studies aim to mediate fundamentals and basic principles of a chapter and enhance recollection by case study learning

From the contents

Fields of interest
Surgical Orthopedics; Orthopedics; Rheumatology

Target groups
Physicians dealing with spinal disorders, spine surgery, and spinal treatment (orthopedic surgeons, neurosurgeons, rheumatologists, psychiatrists, neurologists and manual therapists)

Discount group
MC

Urethral Reconstructive Surgery

The urethra is a small tubular structure that drains urine from the bladder. In women, it is about 3 cm long; in men about 20 cm long. One of the more common reasons for reconstruction of the urethra is traumatic injury. Urethral injury may be of secondary importance when the patient comes into the emergency room, but devastating urological complications, such as sexual dysfunction, incontinence, and stricture (abnormal temporary or permanent narrowing of the lumen of a hollow organ), may drastically impair quality of life in the long term. Urethral injury should be considered in the setting of penile injury, pelvic fracture, or penetrating trauma to the genitalia or pelvis. Penetrating urethral injuries may occur because of gunshot wounds or stab injuries to the penis, buttck, abdomen, or scrotum. Delayed injury may arise from a chronic indwelling urethral catheter, secondary to pressure necrosis, infection, or chemical irritation.

Features
► Comprehensive review of adult urethral reconstructive surgery ► Evaluates complex urethral problems ► Provides practical aspects of wound healing and applicable plastic surgical techniques ► Practical, functions as a surgical atlas for the evaluation and management of urethral stricture disease

From the contents

Fields of interest
Urology/Andrology; Traumatic Surgery; Plastic Surgery

Target groups
Urologists, trauma surgeons

Discount group
MC
T. M. Buzug, Universität Lübeck, Germany

**Computed Tomography**
From Photon Statistics to Modern Cone-Beam CT

This book provides an overview of X-ray technology and the historic development of modern CT systems. The main focus of the book is a detailed derivation of reconstruction algorithms in 2D and modern 3D cone-beam systems. A thorough analysis of CT artefacts and a discussion of practical issues like dose considerations provide further insight into modern CT systems. While mainly written for graduate students in biomedical engineering, medical physics, medicine (radiology), mathematics, electrical engineering and physics, practitioners in these fields will benefit from this book.

**Features**
- Up-to-date technical introduction to X-ray technology and signal processing
- Detailed derivation of reconstruction algorithms
- Comprehensible presentation of mathematics of 3D CT systems
- Thorough analysis of CT artefacts
- In depth discussion of practical issues such as CT dose
- Many detailed illustrations

**Fields of interest**
Imaging / Radiology; Biomedical Engineering; Biophysics/Biomedical Physics

**Target groups**
Master students and practitioners in biomedical engineering, medical physics, medicine, radiology, mathematics, electrical engineering, physics

Discount group
MR

**Due April 2008**
2008. Approx. 195 p. 120 illus., 40 in color. (Contemporary Endocrinology) Hardcover
- $89.95
ISBN 978-1-58829-815-7

**Due May 2008**
2008. Approx. 485 p. 23 illus. in color. (Contemporary Endocrinology) Hardcover
- $129.00
ISBN 978-1-58829-815-7

O. M. Conneely, Bayer College, Houston,TX, USA; C. Otto, Bayer Schering Pharma AG, Berlin, Germany (Eds.)

**Progestins and the Mammary Gland**
From Basic Science to Clinical Applications

Progestins play a key role in reproductive endocrinology and as pharmaceutical drugs for contraception and in combined hormone therapy. To further our understanding of progestin action in the mammary gland, an international symposium, attended by leading researchers from academia and industry, was held in Berlin, 21–23 March 2007. Genetic mouse models helped to elucidate the role of progestins, both in normal breast development and in disease. Mechanistic molecular studies inspired the design of new progestins with improved tissue selectivity. In addition, the clinical impact of progesterone receptor agonists and antagonists for the prevention and treatment of breast cancer was discussed.

**Features**
- For a better understanding of progestin action in the mammary gland

**Fields of interest**
Reproductive Medicine; Endocrinology; Molecular Medicine

**Target groups**
Scientists and clinicians in the field

Discount group
P

**Due June 2008**
- $89.95

T. F. Davies, Mount Sinai Medical Center, New York, NY, USA (Ed.)

**A Case-Based Guide to Clinical Endocrinology**

Written cases provide a thoughtful review of modern management and contemplation of the literature, much more so than even a case presentation without the patient. As a result, in recent years the written or prepared case has become the ideal forum for demonstrating how to manage a medical problem to the greatest benefit of the patient. In A Case-Based Guide to Clinical Endocrinology, distinguished clinicians provide stimulating instruction and insights into a wide variety of endocrine subjects, teaching readers modern management of the conditions described and offering targeted entry into the literature. Importantly, many of the important elements in the current curriculum for clinical endocrine training as recommended by the Association of Program Directors in Clinical Endocrinology, Diabetes and Metabolism are covered in this text. To reinforce learning and retention of knowledge, each author has also provided multiple choice questions following the case studies.

**Features**
- Written by expert panel of endocrinologists
- Reflects much of the curriculum for clinical endocrine training recommended by the Association of Program Directors in Clinical Endocrinology
- Thought-provoking, concise cases are followed by multiple choice questions to enhance learning
- Valuable for students, residents, fellows, and practitioners

**Field of interest**
Endocrinology

**Target groups**
Endocrinologists, residents and fellows, internal medicine

Discount group
MC

**Due June 2008**
2008. Approx. 195 p. 120 illus., 40 in color. (Ernst Schering Foundation Symposium Proceedings, Volume 2007/1) Hardcover
- $89.95

**Due April 2008**
2008. Approx. 195 p. 120 illus., 40 in color. (Ernst Schering Foundation Symposium Proceedings, Volume 2007/1) Hardcover
- $109.00
Community Health Care's O-Process for Evaluation
A Participatory Approach for Increasing Sustainability

Features
▶ Introduces a basic method for conducting an internal evaluation, rather than hiring an external evaluator ▶ Includes checklists and worksheets to assist in steps of the O-Process ▶ Practical, step-by-step guide for using evaluation to strengthen your public health program

Contents

Fields of interest
Public Health; Health Administration

Target groups
Professionals in public health

Discount group
MR

Intracranial Vascular Malformations and Aneurysms
From Diagnostic Work-Up to Endovascular Therapy

This book describes the pathoanatomical, pathophysiological, and imaging features of vascular malformations and aneurysms of the brain and the modern, minimally invasive endovascular methods and techniques employed in their treatment. Individual chapters are devoted to developmental venous malformations, cavernomas and capillary telangiectasias, pial arteriovenous malformations, dural arteriovenous malformations, and intracranial aneurysms. Each chapter is subdivided into four principal sections on pathology, clinical presentation, diagnostic imaging, and therapy, ensuring a standardized approach throughout. All chapters in this 2nd revised edition of Intracranial Vascular Malformations and Aneurysms have been thoroughly updated. The book is richly illustrated with numerous informative CT, MR and DSA images, including high-end 7-Tesla MR images.

Features
▶ Describes in detail the imaging features of vascular malformations and aneurysms ▶ Presents modern, noninvasive imaging modalities ▶ Contains numerous informative CT, MR and DSA images, including high-end 7-Tesla MR images ▶ Clearly organized to facilitate use by the reader

Contents
Developmental Venous Malformations. - Cavernomas and Capillary Telangiectasias. - Pial Arteriovenous Malformations. - Dural Arteriovenous Malformations. - Intracranial Aneurysms. - Subject Index.- List of Contributors.

Fields of interest
Imaging / Radiology; Neuroradiology; Neurosurgery

Target groups
Neurosurgeons, vascular surgeons, radiologists, pediatricians, neurologists, ENT doctors, angiologists

Discount group
MR

Contemporary Interventional Ultrasonography in Urology

Exciting new developments and applications of imaging techniques have emerged over the last few years, leading to many improvements in diagnosis and staging of urologic diseases. Refinements in the technology mean that imaging now is much more precise than even five years ago, and this has significantly enhanced its application within several key fields. As such, there are virtually no books currently available that cover the impact of these advances within urology leaving a major hole in the market. With its sound overview of the current state of affairs, and also its focus on highlighting future advances, this book would therefore find a significant audience within not only trainees, but also practicing clinicians too. Furthermore, the whole topic of ultrasonography is a relatively overlooked one, with very few modern books tackling any specific areas of the field.; This book will be up-to-date and will pay attention to the unique applications of ultrasonography within each discipline.

From the contents

Fields of interest
Urology/Andrology; Ultrasound; Imaging / Radiology

Target groups
Residents in training with an interest in radiology and imaging; practitioners and experts wanting to learn about the cutting edge and future developments of the discipline

Discount group
MR
Problem-based Behavioral Science and Psychiatry

Students of behavioral science, whether residents in psychiatry, graduate students in psychology or clinical social work, or third- and fourth-year medical students preparing for the USMLE Step 1 and 2 examinations, need to understand patients' behavior, how to communicate effectively, and how to recognize and deal with psychiatric disorders. Problem-based learning involves the detailed, systematic study of real and fictitious patient cases. Although more than sixty medical schools incorporate problem-based learning in their curricula, there are no current textbooks to support and guide this aspect of courses in behavioral sciences, behavioral medicine, or psychiatry. This book presents simulated patient cases in psychiatry and behavioral science, providing a real-world context for students and graduates in these areas. It introduces the topics described below through detailed case vignettes using a model of problem-based learning called progressive disclosure.

Features
- Problem-based format with compelling patient scenarios addressing important topics in behavioral science and psychiatry
- Mechanism-based diagrams to illustrate the complex connections between basic and clinical science
- Review questions at the end of each section

Fields of interest
Psychiatry; Behavioral Therapy; Clinical Psychology

Target groups
Residents in psychiatry preparing for USMCE Step 3 exam; graduate students in psychology and behavioral sciences; third- and fourth-year medical students preparing for USMLE step 1 and 2 exams

Discount group
MC

Essential Sports Medicine

Sports medicine is a popular medical sub-specialty. Sports medicine certainly overlaps with general musculoskeletal medicine, but there are important differences to be aware of Essential Sports Medicine provides the highest yield, comprehensive, pertinent information about sports medicine so that the busy clinician can find it accessible and practical. Medical students, residents, and fellows will find Essential Sports Medicine useful for providing an accessible overview of the most salient points in the field of sports medicine.

Features
- Comprehensive pertinent information
- Accessible and practical
- Useful for providing an accessible overview of the most salient points in the field of sports medicine

Contents

Fields of interest
Primary Care Medicine; General Practice / Family Medicine; Orthopedics

Target groups
Sports medicine physicians, family practice physicians, orthopedists, medical students, residents and fellows

Discount group
MC

Encyclopedia of Public Health

The Encyclopedic Reference of Public Health presents the most important definitions, principles and general perspectives of public health, written by experts of the different fields.

Features
- Comprehensive: Includes over 2,500 entries – review-style articles, in-depth essays and short definitions
- Accessible and user-friendly: A to Z format provides easy access to the content of this relevant and extensive reference tool
- Clear language makes the contents accessible to both experts and interested lay people

Fields of interest
Public Health; Medicine/Public Health, general

Target groups
Health authorities, health economists, medical doctors

Discount group
P

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- $79.95
Factors Influencing Mammalian Kidney Development – Implications for Health in Adult Life

In this monograph the authors have emphasized a number of important concepts in mammalian kidney development. Emphasis has been placed on methodology so that the reader can understand how certain results or conclusions were reached and what the optimal methods for reliable results to be obtained are. In addition, as well as descriptions of the morphology there is information on the genetic basis of the structural development. In addition much attention has been paid to how nephron number may be altered by changes in the environment of the developing kidney and to the consequences for the remaining nephron gene expression and kidney function when total nephron number is altered. The consequences for the health of the adult, upon the formation of an adult kidney with altered nephron number and (potentially) gene expression, can be quite serious. The epigenetic mechanisms by which such changes can occur are introduced as a very fertile field for future investigation.

Fields of interest
Nephrology; Human Physiology; Human Genetics

Target groups
Researchers and scientists in the field of nephrology and genetics

Discount group
MR

Coronary Radiology

This is the second edition of the only available monograph on coronary radiology. During the past decade the field has undergone rapid development, particularly in the use of non-invasive coronary imaging. In line with these advances, this new edition places special emphasis on the role of non-invasive techniques, detailed information being provided on CT angiography with multidetector and dual-source tomography, 2D and 3D visualization techniques, and MR coronary angiography. Invasive procedures are not neglected, however, and a separate section includes chapters on conventional catheterization, quantitative angiography, and intravascular and quantitative ultrasound. A further section devoted to coronary calcification clearly explains its development and the use of modern techniques in its visualization and quantification; the role of coronary calcium as an indicator of coronary artery disease is also discussed in depth. The text is supported by a large number of high-quality color images.

Features
► Only monograph to focus exclusively on coronary radiology ► New, completely up-to-date edition that places special emphasis on the role of non-invasive imaging modalities, including CT angiography with multidetector and dual-source tomography and MR coronary angiography ► Includes sections on invasive imaging techniques and coronary calcification ► Text supported by numerous high-quality color images

Fields of interest
Imaging / Radiology; Diagnostic Radiology; Cardiology

Target groups
Clinicians, scientists and researchers; practitioners and professionals in the fields of radiology and cardiology

Discount group
MR

Atlas of Laparoscopic Surgery

This atlas is composed of 31 chapters with authoritative commentaries and illustrations in a number of surgical procedures amenable to laparoscopic techniques. The Atlas is a tool that will simplify and organize surgical thought for the advanced laparoscopist.

Features
► Hundreds of high quality images in step with the latest developments in medicine ► World-renowned authors from a variety of medical disciplines ► Hand-drawn illustrations ► In-depth explanations for each image

From the contents

Fields of interest
Minimally Invasive Surgery; General Surgery

Target groups
Surgeons, urologists, pediatricians

Discount group
MR
Operative Atlas of Laparoscopic Reconstructive Urology

This atlas features sequential pictures for most reconstructive urology procedures, also covering laparoscopic assisted procedures such as orthotopic neobladder and ileocystoplasty. Unlike many other titles covering this subject however, illustrations in the majority of chapters in this work are drawn purely from a single case, allowing the reader to chart such complex surgeries step-by-step.

Laparoscopic assisted procedures drastically reduce the operative time required, and those surgeons with moderate familiarity with urology and laparoscopic process should be able to complete these operations comfortably. Though the use of advanced technology is described, the book has been constructed in such a way that urologists from both developed and developing countries would be able to pick up the technical tips featured to perform the laparoscopic procedures also using simplified devices.

From the contents

Fields of interest
Urology/Andrology; Reproductive Medicine; Surgery

Target groups
Practicing urologists, surgical trainees and surgeons, nurses and operation theatre technicians

Discount group
MR

When Law and Medicine Meet: A Cultural View

What happens when two systems, law and medicine, are joined in the arena of the court? This work deals with the structure and the premises of two diverse discourse models; the approach is anthropological.

Several chapters are preponderantly based on legal research, addressing cases requiring testimony by expert witnesses on recent technologies used in the laboratories of medical scientists. Descriptions of other societies and cultures consider the identical problems of rights, privileges, and duties, and provide perspectives to cultural self-knowledge. This volume can be used as a text for courses taught in medical schools and law schools. It will be of particular interest to students taking courses in health science, public health, medical anthropology, forensic anthropology, psychology, sociology, public justice, behavioral sciences, forensic psychiatry, legal anthropology, social welfare, as well as courses on research models.

From the contents

Fields of interest
Medicine/Public Health, general; Theory of Medicine/Bioethics; Philosophy of Law

Target groups
Students taking courses in health science, public health, medical anthropology, forensic anthropology, psychology, sociology, public justice, behavioral sciences, forensic psychiatry, legal anthropology, social welfare

Discount group
MC

Radiology for Surgeons in Clinical Practice

Cross-sectional imaging is now widely available and routinely used as part of decision-making process in surgical patients. Advances in techniques, the availability and combination of different imaging modalities have made rapid and accurate diagnoses possible. This book provides basic information on these imaging findings in the main surgical pathologies.

The first part describes the principles of imaging and different imaging techniques available. Giving pros and cons of each technique, it provides useful information and guidance on the appropriate choice of imaging. Symptom-based, rather than organ-based, the second part provides a practical approach to imaging patients with common surgical complaints in order to aid understanding and encourage a problem-solving approach to selecting different imaging modalities. Providing a simple diagnostic framework for common surgical situations, this useful guide will be invaluable for surgical residents, trainees, medical students, and consultant surgeons.

Features
► Symptom-based, rather than organ-based, encouraging a problem-solving rather than descriptive approach ► Contains bullet point information on imaging findings that assist the reader to quickly recognise them in clinical practice ► A handy pocket-size guide

Contents

Fields of interest
Diagnostic Radiology; Imaging / Radiology; Surgery

Target groups
Surgical residents, trainees, medical students, radiologists-in-training, consultant surgeons

Discount group
MR
**Handbook of Consultation-Liaison Psychiatry**

Consultation-liaison psychiatry is an important interface between psychiatry and the rest of medicine as well as psychology, social work, nursing, and other behavioral science disciplines. This book is a practical, up-to-date handbook providing a biopsychosocial, integrative perspective and drawing the expertise of two renowned psychiatrists in the field. It is organized in five major sections addressing the fundamentals of the field as well as including an assessment of where the field is today. Chapters also address specific pathologies and populations.

**Features**
- Provides a good balance of theoretical and practical info
- Biopsychosocial, integrative approach
- Balanced depth of perception
- Case vignettes
- Specific instructions for consultation procedures, downloadable forms, relaxation techniques

**From the contents**

**Fields of interest**
Psychiatry; Neuropsychology; Health Psychology

**Target groups**
Psychiatrists, behavioral medicine/medical psychologists, neuropsychologists; trainees in consultation-liaison psychiatry (psychiatry residents, psychology interns, nurses), psychiatry residents in their consultation-liaison rotation; psychology graduate and postgraduate students in their behavioral medicine/health psychology courses and rotations; medical students in their psychiatry rotation

**Discount group**
MR

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**Pathology of the Esophagus**

K. Takubo, Tokyo Metropolitan Institute of Gerontology, Tokyo, Japan

**Pathology of the Esophagus**

An Atlas and Textbook

Esophageal diseases have recently become a focus of clinical interest especially as a result of an increase in the number of cases of Barrett’s esophagus. This book presents a comprehensive description of the esophagus based on many works published in English as well as in Japanese. Topics range from the embryology and structure of the esophagus, to benign diseases and various esophageal infections, to esophageal carcinoma, including Barrett’s esophagus. Not only the numerous beautiful color illustrations of pathological investigation by such means as cytology, immunohistochemistry, and electron microscopy, but also the large number of endoscopic images in the book make readers immediately aware of its clinical relevance. Pathology of the Esophagus provides an invaluable source of information for pathologists, researchers, and practicing endoscopists.

**Features**
- Comprehensive book about pathology of the esophagus
- About 400 illustrations, mainly in color
- Since there are few books on pathology of the esophagus, this book will be the single best source of information on this subject

**Fields of interest**
Pathology; Gastroenterology; Surgical Oncology

**Target groups**
Pathologists, researchers, practicing endoscopists

**Discount group**
MC

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**Dail and Hammar’s Pulmonary Pathology**

Volume 2: Neoplastic Lung Disease

J. F. Tomaszewski, Case Western Reserve University, Metrohealth Medical Center, Cleveland, OH, USA (Ed.)

**Dail and Hammar’s Pulmonary Pathology**

Volume 2: Neoplastic Lung Disease

Associate editors: P. T. Cagle, C. Farver, A. E. Fraire

Dail and Hammar’s Pulmonary Pathology has set the standard for which all other pathology texts strive to achieve.

**From stellar reviews of the Second Edition**
- When the first edition of Pulmonary Pathology by David H. Dail and Samuel P. Hammar was published in 1988, it was clear that it was to become the reference book for pulmonary pathology. It was difficult to conceive then that a better book on the subject could be assembled. The second edition of this encyclopedic work proved convincingly that improvement could occur. Indeed, the new revised edition is more complete and better illustrated...I consider this book to be an outstanding contribution to the pathology literature and a must in the library of surgical and pulmonary pathologists.
- Human Pathology

**Contents**
Volume 2: Lymphoproliferative Diseases.- Molecular Genetics of Lung and Pleural Neoplasms.- Pre-invasive Disease.- Common Non-small Cell Carcinomas and Their Variants.- Neuroendocrine Carcinomas.- Sarcomatoid Carcinoma: Pleomorphic Carcinoma, Spindle Cell Carcinoma, Giant Cell Carcinoma, Carcinosarcoma and pulmonary Blastoma.- Tracheobronchial (Salivary) Type Gland Tumors.- Mesenchymal Tumors - Part I: Tumors of Fibrous, Fibrohistiocytic and Muscle Origin.- Mesenchymal Tumors - Part II: Tumors of Hamartomatous, Osteochondromatous, Lipomatous, Neural and Vascular Origin.- Miscellaneous Tumors and Tumor-like Proliferations of the Lung.- Pediatric Tumors.- Neoplasms of the Pleura.- Metastases to and from the Lung.- Cytodiagnosis of Pulmonary Neoplasia.- Index.

**Field of interest**
Pathology

**Target groups**
Pathologists, pathology residents and fellows, pulmonologists

**Discount group**
MC

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**Due March 2008**

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2nd ed. 2008. 343 p. Hardcover
- $209.00

ISBN 978-4-431-26267-1

**Due April 2008**

- $225.00

The Visual Transduction Cascade

Basic and Clinical Principles

Remarkable advances have contributed to revolutionizing the study of vertebrate vision. The first step to identifying objects and establishing spatial relationships is the visual transduction cascade, a process that underpins a wide range of ocular diseases and therapies. Toward that, The Visual Transduction Cascade: Basic and Clinical Principles reveals not only how the eye evolved into an organ of vision, but also describes how molecular mechanisms of key molecules (such as transducins, phosphodiesterases, and CyclicGMP metabolizing enzymes) operate in the phototransduction cascade. In this groundbreaking text, experts also explain mechanisms for sensing radiation outside of the visible wavelengths – a good example of the limitations of the human sensory systems.

Features
- Thorough explication of the phototransduction cascade
- Comprehensive and multidisciplinary
- Covers developmental, structural and molecular mechanisms
- Leads to a more exhaustive understanding of ocular diseases and therapies

From the contents

Fields of interest
Ophthalmology; Cell Biology; Molecular Medicine

Target groups
Ophthalmologists, cell biologists, molecular biologists, students

Discount group
P

Paediatric Imaging Manual

Children and adolescents are not simply small adults; they suffer from different diseases and require different treatments. The same is true where imaging is concerned. The diagnostic strategies – using identical diagnostic instruments – are different; the care prior to, during, and following the examination differs from that of adults. Because the number of Centers for Pediatric Radiology is small, students as well as pediatricians and general radiologists lack training in pediatric radiology and are often not sufficiently aware of these differences. Active radiation protection and avoidance of unnecessary high contrast media doses are number one priority in diagnosing and treating children and can be achieved through: Avoidance of X-rays and CT scans. Substitution with non-ionizing radiation such as ultrasonography and MRI where possible while ensuring diagnostic reliability; Reduction of the radiation dose and number of views.

Features
- Imaging of Newborns, Infants, Children and Adolescents

Contents

Fields of interest
Imaging / Radiology; Pediatrics

Target groups
Radiologists, physicians doing advanced training in radiology and pediatrics

Discount group
MR

Pediatric Surgery Digest

Pediatric Surgery Digest offers a practically oriented and up-to-date overview of all subjects in pediatric surgery according to the European surgical curriculum. Additionally, interdisciplinary aspects concerning pediatrics, adult surgery, obstetrics and other disciplines working with children are considered. The tables enable quick access to indications for the operative and conservative therapy with schematic step-by-step illustrations for nearly all surgical procedures. Practical information on child-adapted dosage for pharmacotherapy as well as age-specific injury patterns from scalding in young children to spleen rupture in teenaged vehicle users are taken into consideration. The surgical role in modern pediatric oncology is also presented according to the guidelines of SIOP. European pediatric surgeons, experts in their field, have written this book for students and trainees, but also for anybody who treats children surgically.

Features
- Practically oriented and to-the-point manual on all subjects in pediatric surgery
- Concise and ready reference covering all interdisciplinary aspects
- Well illustrated with many tables for quick access to indications for operative and conservative therapy

From the contents

Fields of interest
Pediatric Surgery; Surgery; Pediatrics

Target groups
Residents in pediatric surgery, pediatric surgeons

Discount group
MR