Heart Diseases in Children
A Pediatrician's Guide

As front line health care providers for children, pediatricians are entrusted with the responsibility for discovering early signs of heart diseases in this complex patient population. Especially in the newborn period, the presentation of pediatric heart disease is frequently obscure, and the consequences of these illnesses can be devastating if not caught early and managed correctly. This comprehensive, easy to understand book is a ready guide to acquiring the proficiency and confidence necessary to decipher the wide spectrum of disease presentations. Case scenarios give life to each chapter, with key images and illustrations reinforcing notable concepts. Special attention is given to the interpretation of chest radiographs and the role of echocardiography and catheterization.

Features
► Presents the fundamentals of pediatric cardiology
► Content created by primary care providers for primary care providers
► Focuses on disease presentation and clinical judgment
► Case studies emphasize patient management

Contents

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

Target groups
Professional/practitioner

Discount group
P

Inflammatory Bowel Disease
Diagnosis and Therapeutics

As in the first edition of Inflammatory Bowel Diseases this new edition continues to provide readers with a concise, yet in-depth review of many of the important areas in the history, epidemiology, pathogenesis, diagnosis, and treatment of the inflammatory bowel diseases (ulcerative colitis and Crohn's disease), as well as associated issues: extraintestinal manifestations, ostomy care, women's issues, economics, etc. This Second Edition provides the readers with up-to-date, state-of-the-art approaches to these disease states, with expansion into the newer topics that have emerged in the past few years which include the expansion of biological agents for treatment, new studies in the epidemiology of IBD, the changing economics of IBD, breakthroughs in new endoscopic evaluations, major advances in novel radiographic techniques, the detection of colorectal cancer in patients with IBD and new findings in the genetics of IBD.

Features
► Expanded to include cutting-edge topics recently emerged
► Illustrates a world of new radiographic, endoscopic, and other techniques with fascinating images readily available by today's technology
► Features new and completely updated chapters, building upon the acclaimed first edition

Fields of interest
Gastroenterology; Colorectal Surgery; Pathology

Target groups
Professional/practitioner

Discount group
P

Atlas of Virtual Colonoscopy

Atlas of Virtual Colonoscopy thoroughly revises and updates Abraham Dachman's bestselling first ed. Joined in this edition by co-editor Andrea Laghi, Dr. Dachman has expanded the focus of the text to cover fundamental topics of this rapidly evolving technology, including the history of virtual colonoscopy, a review of clinical trial data from throughout the world, and a presentation of clinical background information. Also included are chapters covering patient preparation and tagging, performing and reporting virtual colonoscopy, viewing methods, MR colonography, and computer aided detection. The second part of the text presents an atlas of high-resolution images with detailed explanations of teaching points, covering normal anatomy; sessile, pedunculated, diminutive and flat lesions; masses; stool and diverticula; and common pitfalls. Atlas of Virtual Colonoscopy is a valuable resource for all radiologists and gastroenterologists interested in learning the fundamentals of this exciting technique.

Features
► Fully explains the fundamentals of this state-of-the-art technique to radiologists, radiology residents, and gastroenterologists
► Provides a review of clinical trial data from throughout the world, and a presentation of clinical background information
► Covers fundamental topics of this rapidly evolving technology

From the contents

Fields of interest
Imaging / Radiology; Nuclear Medicine; Gastroenterology

Target groups
Professional/practitioner

Discount group
P
**Medico-Legal Issues in Infectious Diseases**

**Guide For Physicians**

The aim of this book is not to encourage defensive medical practice, but to help provide better, optimum care to patients and to be forth right and honest to our dear customers about our inevitable mistakes. This book will focus on clinical issues facing physicians in different settings (which can lead to malpractice), and the best approach to use to avoid litigations, and practice good medicine.

**Features**
- Helps provide some guide to physicians dealing with a variety of infections to avoid pitfalls in diagnosis and management that often predispose litigations
- Gives case scenarios in the format of problem-solving challenges faced by physicians in various practices and subspecialties
- Helps provide better, optimum care to patients and encourages honesty and fairness with our patients when addressing our inevitable mistakes

**Contents**
Preface.- General Principles.- Complaints related to the head.- Conditions of the skin/soft tissue in the ER.- Litigation in infections of Obstetrics & Gynecology.- Looking Beyond the Obvious.- Failure to counsel can lead to litigation.- Litigations for unexpected adverse events.- Orthopedic complications.- Neurosurgical medico-legal issues.- Litigations in General Surgery.- Litigation for infection in plastic surgery.- Litigations for HIV-related complications.- Overview of medico-legal issues.- Index.

**Fields of interest**
Infectious Diseases; Life Sciences, general; Medical Law

**Target groups**
Professional/practitioner

**Discount group**
MR

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**Handbook of Practical Immunohistochemistry**

**Frequently Asked Questions**

In a conceptually current, quick-reference, Question & Answer format, the Handbook of Practical Immunohistochemistry: Frequently Asked Questions provides standardization of the immunostaining process for each antibody and for each staining panel. With links to the authors Immunohistochemical Laboratory website, this volume creates a current and up-to-date information system on immunohistochemistry. This includes access to tissue microarrays (TMA) of over 5,000 tumors to validate common diagnostic panels and provide the best reproducible data for diagnostic purposes. Chapters are presented in a unique Question and Answer format. One table/IHC panel is provided to address each question. A concise explanatory note follows each table/panel to avoid diagnostic pitfalls. Website links are provided throughout to update the massive information in this field, providing the most current knowledge and the potential for live expert consultation.

**Features**
- Each chapter written by a nationally/internationally recognized expert
- Provides a conceptually current, quick-reference, Question and Answer format
- Links to Immunohistochemical Laboratory Website
- Over 600 high-quality images

**Fields of interest**
Pathology

**Target groups**
Professional/practitioner

**Discount group**
MR

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**Atlas of Psoriatic Arthritis**

This comprehensive visual reference contains over 150 images from a wide gamut of variations of the disease, as well as charts and tables detailing the most up-to-date information on patient susceptibility, incidence, and symptoms, providing the clinical presentation of the disease, as well as radiographic, ultrasound, and MRI images to highlight the role of imaging in psoriatic arthritis. Although several proposed methods for classifying PsA have been published, none has been widely accepted or validated. This book proposes the use of an amended version of the Moll and Wright method, and functions mostly as a visual reference and data source of the most up-to-date findings and comprehensive images of PsA.

**Features**
- Visual reference and data source of the most up-to-date findings and comprehensive images of PsA
- Serves as a first point of reference both for diagnosis and treatment decisions

**Contents**

**Fields of interest**
Rheumatology; Dermatology; General Practice / Family Medicine

**Target groups**
Professional/practitioner

**Discount group**
MR

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**Due February 2011**


[approx. $189.00]

**Due February 2011**


[approx. $269.00]

**Due February 2011**

Only available in print

**2011. X, 108 p. 239 illus., 80 in color. Softcover**

[approx. $49.95]
ISBN 978-0-85729-172-1
Cancer and Sexual Health

The average physician and even cancer care-givers are not knowledgeable about the effects of cancer treatment on sex and reproductive life. They are even less aware of the options available for treatment of such patients. Cancer and Sexual Health fills a great need for a reference work devoted to the link between cancer and human sexuality. The volume is designed to give a comprehensive and state-of-the-art review of the sexual and reproductive consequences of cancer diagnosis and treatment. It will prove an invaluable resource for those clinicians caring for cancer patients as well as acting as a reference text for the sexual medicine clinician who may not see a large number of cancer patients.

Features
► Gives a comprehensive and state-of-the-art review of the sexual and reproductive consequences of cancer diagnosis and treatment
► World’s leading authorities are enrolled in an effort to explain how to manage these difficulties
► Devoted to the link between cancer and human sexuality

Fields of interest
Urology/Andrology; Oncology; Surgical Oncology

Target groups
Professional/practitioner

Discount group
MR

Dual Source CT – Asian Adaptation

This is the Asian adaptation of the Dual Source CT (DSCT) imaging protocol book providing a comprehensive source on scan and contrast protocols for all important indications for the first generation DSCT scanner, the Somatom Definition [1]. The book presented here is a compilation of cases and adapted protocols especially tailored for the Asian population to fully utilize the potential of the DSCT technology in Asia.

Features
► Asian adaptation of the Dual Source CT (DSCT) imaging protocol book
► Compilation of cases especially tailored for the Asian population to fully utilize the potential of the DSCT technology in Asia

Contents
DSCT Technology / Contrast Medium.
Cardiovascular and Body Radiology DSCT Applications.
Dual Energy CT Applications.

Fields of interest
Imaging / Radiology

Target groups
Professional/practitioner

Discount group
MR

Biomechanics for Life

Introduction to Sanomechanics

The reader will find in this book a new approach to improving health. The author has called this approach “sanomechanics,” combining the Latin sanus (healthy, sound) and mechanicus (science of the motion of bodies subjected to forces). The focus of sanomechanics is on exercising with an understanding of the biomechanical consequences of the actions. This understanding is based on the author’s theory of the floating skeleton, which postulates a hydraulic connection of synovial joints. The theory explains the greater or lesser success of any exercise utilizing the ability of the human skeleton to absorb and transform forces and moments from the body segments and the environment. This ability vanishes with age and illnesses, and the deeper our understanding of the nature of skeletal functioning is, the better we shall be able to improve, protect, and prolong the skeleton’s health.

Features
► Describes a novel “sanomechanical” approach to improving health
► Provides a new understanding of the biomechanical consequences of movements, which will increase the effectiveness of exercises
► Explains how the sanomechanical approach to exercises can improve, protect, and prolong the skeleton’s health

Contents
Floating skeleton concept.
Sanomechanics.
Biomechanics for life.
Sanomechanical exercises.
Sanomechanics of respiration.

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

Target groups
Professional/practitioner

Discount group
MR

Due February 2011
2011. X, 808 p. 113 illus., 69 in color. (Current Clinical Urology) Hardcover
► $279.00
ISBN 978-1-60761-915-4

Due November 2010
2010. 200 p. Softcover
► $59.95
ISBN 978-3-642-15133-0

Due March 2011
2011. 180 p. 75 illus., 25 in color. Hardcover
► approx. $139.00
ISBN 978-3-642-17176-5
Handbook of Behavior, Food and Nutrition

This book disseminates current information pertaining to the modulatory effects of foods and other food substances on behavior and neurological pathways and, importantly, vice versa. This ranges from the neuroendocrine control of eating to the effects of life-threatening disease on eating behavior. The importance of this contribution to the scientific literature lies in the fact that food and eating are an essential component of cultural heritage but the effects of perturbations in the food/cognitive axis can be profound. The complex interrelationship between neurophysiological processing, diet, and behavioral outcome is explored within the context of the most contemporary psychobiological research in the area. This comprehensive psychobiological- and pathology-themed text examines the broad spectrum of diet, behavioral, and neuropsychological interactions from normative function to occurrences of severe and enduring psychopathological processes.

Features
► Provides a new depth of information on the "two-way traffic" of nutrition, psychology, and behavioral aspects of food and diet  ► Each chapter includes a section on applying information to related fields, as well as a key facts, summary points and defined key terms  ► Everything you need to know about the behavioral aspects of food and nutrition: from molecular to individual through population levels

Field of interest
Public Health/Gesundheitswesen

Target groups
Research

Discount group
MR

Inborn Metabolic Diseases
Diagnosis and Treatment

Keep on top of current practice and new developments! For those involved in the identification and management of patients with inborn errors of metabolism, this book is now recognised as the standard textbook in this interdisciplinary field. It has proved to be indispensable for professionals in specialties ranging from pediatrics, neonatology, pathological biochemistry and genetics to neurology, internal medicine, nursing, dietetics and psychology. This 5th edition has been extensively revised and updated.

Features
► Main feature is the strong emphasis on clinical presentation and treatment in acute and chronic situation  ► Clinical approach is the starting point for each chapter  ► Reference to diagnostic options  ► Reliable, up-to-date, indispensable

Contents

Fields of interest
Pediatrics; Human Genetics; Endocrinology

Target groups
Professional/practitioner

Discount group
MR

Atlas of Robotic Urologic Surgery

The Atlas of Robotic Urologic Surgery provides a detailed, step-by-step guide to common robotic urologic procedures for the purpose of helping novice surgeons in their transition to robotic surgery and seasoned robotic surgeons to refine their surgical technique and expand their repertoire of robotic procedures. In addition, less commonly performed robotic procedures such as those for male infertility, pelvic organ prolapse, urinary tract reconstruction and pediatrics are included.

Features
► Written by thought leaders in robotic urologic surgery  ► Complemented by figures and intraoperative video detailing the nuances of each procedure Includes less commonly performed  ► Procedures such as those for male infertility, pelvic organ prolapse, urinary tract reconstruction and pediatrics

Contents

Fields of interest
Urology/Andrology; Minimally Invasive Surgery; Surgery

Target groups
Professional/practitioner

Discount group
P
E. R. Weissenbacher, Klinik und Poliklinik für Frauenheilkunde und Geburtshilfe, München, Germany (Ed.)

**Immunology of the Female Genital Tract**

This book systematically reviews and discusses recent studies and articles on the immunology of female genital tract tissue. The scope is broad, encompassing innate immune responses, adaptive (humoral and cell-mediated) immunity, the immunology of menstruation, the immunology of viral and bacterial infections, the immunology of normal and abnormal pregnancy, and immunological infertility. Throughout, tables and illustrations are judiciously used to facilitate understanding. Immunology of the Female Genital Tract will serve as an invaluable source of up-to-date information for all with an interest in this subject.

**Features**

- Broad and up-to-date overview of immunology of the female genital tract
- Discusses results from the most important recent studies
- Encompasses the immunology of viral and bacterial infections, the immunology of pregnancy, and immunological infertility

**Contents**


**Fields of interest**

Gynecology; Immunology; Dermatology

**Target groups**

Professional/practitioner

**Discount group**

MR

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Due April 2011

2011. 300 p. 24 illus. in color. Hardcover

approx. $189.00

ISBN 978-3-642-14905-4
In children, the most common causes are dehydration and hypovolemia. Sinus tachycardia is usually benign, and treatment of the underlying disorder is key.4 Supraventricular Tachycardia: This arrhythmia is characterized by a heart rate greater than 220 bpm in newborns and infants and greater than 180 bpm in older children, with ECG changes revealing a narrow complex tachycardia. Intravenous sildenafil is a potent pulmonary vasodilator in children with congenital heart disease. Circulation. 2003;108:II-167-173. Structural types of acquired heart diseases in children. Changes in the valve structure can occur due to various influencing factors. These include types of structural valve disease. Children with congenital heart disease usually require surgery to have their anatomical problem resolved as quickly as possible. Children with acquired heart defects, depending on what defect they have, can undergo surgical treatment or drug therapy. Doctors initially use medications to help the heart. With chronic rheumatic heart disease, patients develop mitral valve stenosis with varying degrees of regurgitation, atrial dilatation, arrhythmias, and ventricular dysfunction. Although the mitral valve is involved in most cases of rheumatic heart disease, the aortic and tricuspid valves can be involved as well. A comprehensive resource provided by the World Health Organization (WHO) addresses the diagnosis and treatment of rheumatic fever and rheumatic heart disease. [1, 2]. At this time, rheumatic fever is uncommon among children in the United States. In contrast, the incidence of rheumatic
With chronic rheumatic heart disease, patients develop mitral valve stenosis with varying degrees of regurgitation, atrial dilatation, arrhythmias, and ventricular dysfunction. Although the mitral valve is involved in most cases of rheumatic heart disease, the aortic and tricuspid valves can be involved as well. A comprehensive resource provided by the World Health Organization (WHO) addresses the diagnosis and treatment of rheumatic fever and rheumatic heart disease. [1, 2]. At this time, rheumatic fever is uncommon among children in the United States. In contrast, the incidence of rheumatic A congenital heart defect (CHD), also known as a congenital heart anomaly and congenital heart disease, is a defect in the structure of the heart or great vessels that is present at birth. Signs and symptoms depend on the specific type of defect. Symptoms can vary from none to life-threatening. When present, symptoms may include rapid breathing, bluish skin (cyanosis), poor weight gain, and feeling tired. CHD does not cause chest pain. Most congenital heart defects are not associated with other diseases. In children the heart rate is very changeable due to different physiological and pathological influences. The heart rate changes according to physical and emotional activity, due to stimuli from internal organs, CNS receptors and corresponding reflexes. 31. Characterizing anatomical and physiological particularities of children heart. In children the big clinical importance in diagnostics of cardiovascular diseases has a complaint of insufficient tolerance of the physical load (for instance, then the child rising on stairway has to have some minutes to rest) The physical load intolerance serves one of the most objective signs of heart failure.
Other rheumatic heart disease. Valvular heart diseases. METHODIC MATERIALS FOR INTERNATIONAL STUDENTS (IV-VI year).


Anatomy. The normal mitral valve is a complex structure, consisting of leaflets, annulus, chordae tendineae, and papillary muscles. Mitral prolapse more often occurs in children and youths; men: women ratio is 0.3. In adults and aged with mitral regurgitation men: women ratio is about 1:1. Aethiology: rheumatic disease (50%) associated with a thickened valve with reduced mobility and often a mixed picture of stenosis and regurgitation (90%).

Care guide for Congenital Heart Disease in Children. Includes: possible causes, signs and symptoms, standard treatment options and means of care and support. Congenital means your child was born with the heart defect. The defect may affect the heart valves, walls, or blood vessels. Your child may have a hole in part of the heart or narrowing of arteries connected to the heart. Blood may not be able to flow to or flow through your child’s heart correctly. The defect may be mild or severe. What are the signs and symptoms of CHD? children. 3. Right-sided and left-sided congestive heart failure. Systolic and diastolic ventricular dysfunctions. Clinical manifestations. 4. NYHA and Ross classifications for pediatric heart failure. 5. Investigations in heart failure: chest radiography, electrocardiography, echocardiography, MRI, endomyocardial biopsy, cardiac catheterization. 6. Laboratory biomarkers of heart failure. 7. Therapeutic approach in pediatric heart failure. 8. Tachyarrhythmias in infants and children. Acute management of sinus, supraventricular and ventricular tachycardias. 5. Management of abdominal pain in children. REPORTS 1. Inflammatory bowel disease in children. 2. Acute abdomen. Signs and symptoms. Most children with Kawasaki disease range in age from 1 to 8 years, although infants and adolescents can be affected. Roughly one and one half times as many boys as girls are affected. The illness is more common among children of Japanese descent. If children are not treated, up to 1 in 4 develop heart problems, usually beginning 1 to 4 weeks after the illness starts. A few of these children develop the most serious heart problem, a bulge in the wall of a coronary artery (coronary artery aneurysm). However, with early treatment, almost no children with Kawasaki disease in the United States die. Without treatment, the death rate is about 1%. Of the children who die, death nearly always occurs in the first 6 months but can occur as long as 10 years later.