

R. Abdulla, Rush University Medical Center, Chicago, IL, USA (Ed.)

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 emphasizes patient management

Contents

Cardiac History and Physical Examination.- Cardiac Interpretation of Pediatric Chest x-Ray.- Electrocardiography: Approach and Interpretation.- Pediatric Echocardiography.- Cardiac Catheterization in Children: Diagnosis and Therapy.- Atrial Septal Defect.- Ventricular Septal Defect.- Patent Ductus Arteriosus.- Atrioventricular Canal Defect.- Pulmonary Stenosis.- Aortic Stenosis.- Coarctation of the Aorta.- Tetralogy of Fallot.- Double Outlet Right Ventricle.- Transposition of the Great Arteries.- Pulmonary Atresia with Intact Ventricular Septum.- Pulmonary Atresia with Ventricular Septal Defect.- Tricuspid Atresia.- Total Anomalous Pulmonary Venous Return.- Truncus Arteriosus.- Single Ventricle.

Fields of interest

General Practice / Family Medicine; Pediatrics; Primary Care Medicine

Target groups

Professional/practitioner

Discount group

P

R. D. Cohen, The University of Chicago Medical Center, IL, USA (Ed.)

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

MC

A. H. Dachman, The University of Chicago Medical Center, Chicago, IL, USA; A. Laghi, Sapienza - University of Rome, Italy (Eds.)

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

Virtual Colonoscopy: From concept to implementation.- Global implementation of CTC.- Epidemiology and Screening of Colorectal Cancer.- Implementation and clinical trials in the USA.- Clinical Trials: Europe.- Patient Preparation and Tagging.- Performing and Reporting.- Viewing Methods.- The Controversy Over Flat Lesions.- MR Colonography.- Extracolonic Findings.- Computer-Aided Detection.- Normal Anatomy.- Sessile Polyps.

Fields of interest

Imaging / Radiology; Nuclear Medicine; Gastroenterology

Target groups

Professional/practitioner

Discount group

P

 Humana Press

Due April 2011

Due March 2011

2011. 407 p. 207 illus., 164 in color. Hardcover

► \$79.95

ISBN 978-1-4419-7993-3

2nd ed. 2011. 350 p. 49 illus., 29 in color. (Clinical Gastroenterology) Hardcover

► \$219.00

ISBN 978-1-60327-432-6

Due December 2010

2nd ed. 2011. 300 p. 656 illus., 337 in color. With online files/update. Hardcover

► \$189.00

ISBN 978-1-4419-5851-8

I. Fong, University of Toronto, ON, Canada

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

Due February 2011

2011. 210 p. (Emerging Infectious Diseases of the 21st Century) Hardcover

► **approx. \$189.00**

ISBN 978-1-4419-8052-6

F. Lin, J. Prichard, Geisinger Medical Center, Danville, PA, USA (Eds.)

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 ► Linking to Immunohistochemical Laboratory Website ► Over 600 high-quality images

Fields of interest

Pathology

Target groups

Professional/practitioner

Discount group

MR

Due February 2011

1st Edition 2011. 768 p. 584 illus., 579 in color. Hardcover

► **approx. \$269.00**

ISBN 978-1-4419-8061-8

P. J. Mease, University of Washington, Seattle, WA, USA; P. S. Helliwell, University of Leeds, UK (Eds.)

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

Epidemiology.- Etiology and Pathophysiology.- Clinical Evaluation.- Imaging.- Skin and Psoriasis.- Juvenile Psoriatic Arthritis.- The Management of Psoriatic Arthritis.- Treatment Of Psoriasis.

Fields of interest

Rheumatology; Dermatology; General Practice / Family Medicine

Target groups

Professional/practitioner

Discount group

MR

Due February 2011

Only available in print

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

► **\$49.95**

ISBN 978-0-85729-174-5

J. P. Mulhall, Memorial Sloan-Kettering Cancer Center, New York, NY, USA; L. Incrocci, Daniel den Hoed Cancer Center, Rotterdam, The Netherlands; I. Goldstein, Alvarado Hospital, San Diego, CA, USA; R. Rosen, New England Research Institute, Watertown, MA, USA (Eds.)

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

C. Panknin, Singapore; P. Lengsfeld, Berlin; V. Verma, Singapore (Eds.)

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
- ▶ Adapted protocols 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

M. R. Pitkin, Tufts University, Boston, MA, USA

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.- About forces and moments in locomotion.- 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

Only available in print

2010. 200 p. Softcover

▶ **\$9.95**

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

C. R. Martin, University of West Scotland, Glasgow, UK (Ed.)

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 neuropsychological processing, diet, and behavioral outcome is explored within the context of the most contemporary psychobiological research in the area. This comprehensive psychobiology- 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 neurology, 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

Due January 2011

2011. 5000 p. (In 5 volumes, not available separately) Hardcover

► **\$1399.00**

ISBN 978-0-387-92270-6

J. Saudubray, Paris; G. v. Berghe, J. H. Walter (Eds.)

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 specialities 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

Part I: Diagnosis and Treatment: General Principles: Classification and clinical Approach to Inherited Metabolic Diseases in Pediatrics.- Clinical approach to Inherited Metabolic Diseases in Adulthood.- Newborn Screening for Inborn Errors of Metabolism.- Diagnostic Procedures and Postmortem Protocol.- Emergency Treatments.- Part II: Disorders of Carbohydrate Metabolism: Glycogen-Storage Diseases and Related Disorders.- Disorders of Galactose Metabolism.- Disorders of the Pentose Phosphate Pathway.- Disorders of Fructose Metabolism.- Persistent Hyperinsulinemic Hypoglycemia.- Disorders of Glucose Transport.- Part III: Disorders of Mitochondrial Energy Metabolism: Disorders of Pyruvate Metabolism and the Tricarboxylic Acid Cycle.- Disorders of Mitochondrial Fatty Acid Oxidation and Related Metabolic Pathways.- Disorders of Ketogenesis and Ketolysis.- Defects of the Respiratory Chain.- Creatine Deficiency Syndromes.

Fields of interest

Pediatrics; Human Genetics; Endocrinology

Target groups

Professional/practitioner

Discount group

MR

Due May 2011

5th Edition. 2011. 570 p. Hardcover

► **\$209.00**

ISBN 978-3-642-15719-6

L. Su, University of Florida College of Medicine, Gainesville, FL, USA (Ed.)

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 ► Complimented by figures and intra-operative 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

Chapter 1 - Robotic Platforms and Systems.- Chapter 2 - Robotic Instrumentation and OR Setup.- Chapter 3 - Transperitoneal-Anterior Technique.- Chapter 4 - Transperitoneal-Posterior Technique.- Chapter 5 - Extraperitoneal Technique.- Chapter 6 - Management of the difficult case.- Chapter 7 - Robotic Radical Cystoprostatectomy.- Chapter 8 - Robotic Sacralcolpopexy.- Chapter 9 - Robotic Adrenalectomy.- Chapter 10 - Robotic Pyeloplasty.- Chapter 11 - Robotic Radical and Partial Nephrectomy.- Chapter 12 - Robotic Pyelolithotomy and Ureterolithotomy.- Chapter 13 - Robotic Ureteroureterostomy/Calicostomy.- Chapter 14 - Robotic Procedures for Infertility.- Chapter 15 - Pediatrics Robotic Procedures.- Chapter 16 - Robot-Assisted Radical Nephroureterectomy.

Fields of interest

Urology/Andrology; Minimally Invasive Surgery; Surgery

Target groups

Professional/practitioner

Discount group

P

Due February 2011

2011. 359 p. 355 illus., 277 in color. (Current Clinical Urology) Hardcover

► **\$219.00**

ISBN 978-1-60761-025-0

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

Fundamentals of immunology: Concepts of innate and specific immunity.- Mucosal immunology.- General immunology of the genital tract: Distinct features of the genital mucosal tissue.- Functions and regulation of innate immune responses in the human reproductive tract.- Functions and regulation of adaptive humoral and cell-mediated immunity in the female genital tract.- Immunization studies.- Immunology of menstruation – menstruation as an inflammatory process.- Immunology of genital tract infections: Viral infections of the genital tract.- Bacterial infections of the genital tract.- Candidiasis.- Trichomoniasis.- Immunology in reproductive medicine: Immunology of pregnancy.- Immunologic infertility.- Immunocontraceptive approaches.

Fields of interest

Gynecology; Immunology; Dermatology

Target groups

Professional/practitioner

Discount group

MR

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.¹⁴ 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.¹⁵ 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.¹⁶ 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. ¹⁷ 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

• 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.

Congenital heart diseases (CHD) are one of the most common malformations in children and remains the leading cause of death in the younger age group. The review presents the world statistics of incidence and mortality due to CHD; the reasons for variability of epidemiological data are considered. The association of CHD with defects of other organs and systems is discussed. A minority of children in all age and sex subgroups consumed <2.5 servings per week. Sodium consumption ranged from 3.1 to 3.5 g/d. If you are citing any of the statistics in this factsheet, please review the full Heart Disease and Stroke Statistics document to determine data sources and original citations. The American Heart Association requests that this document be cited as follows: Virani SS, Alonso A, Benjamin EJ, Bittencourt MS, Callaway CW, Carson AP, Chamberlain AM, Chang AR, Cheng S, Delling FN, Djousse L, Elkind MSV, Ferguson JF, Fornage M, Khan SS, Kissela BM, Knutson KL, Kwan TW, Lackland DT, Lewis TT, Lichtman JH, Longenecker CT, Loop MS, Lutsey PL, Martin SS, Matsushita. 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. Cincinnati Children's Heart Encyclopedia provides information about heart diseases in infants and children. Through this online Heart Encyclopedia, Cincinnati Children's Heart Institute healthcare professionals provide a comprehensive look at what is known about the many diseases that affect the heart: Anomalous Coronary Artery Disease. Arrhythmogenic Right Ventricular Dysplasia.

Cincinnati Children's Heart Encyclopedia provides information about heart diseases in infants and children. Through this online Heart Encyclopedia, Cincinnati Children's Heart Institute healthcare professionals provide a comprehensive look at what is known about the many diseases that affect the heart: Anomalous Coronary Artery Disease. Arrhythmogenic Right Ventricular Dysplasia. Often associate cardiac problems with adults, heart diseases in children are not uncommon. Types of Heart Diseases in Children. CHDs that affect children include: Defects of the heart valve such as a narrowing of the aortic valve (aortic stenosis), restricting the flow of blood. Hypoplastic left heart syndrome: the left side of the heart remains underdeveloped at the time of birth. Holes or opening in the heart, usually in the septal walls between the heart chambers or in the major blood vessels leaving the heart. These defects including: Ventricular septal defects (VSD). Atrial septal defects (ASD). Patent ductus arteriosus (PDA). Some children acquire a heart problem after an illness in childhood. This is called an acquired heart defect. This is different to a congenital (at birth) heart defect, which occurs when a child is born with a heart problem. The four main types of acquired heart disorder in children are: Kawasaki disease " an illness that occurs mainly in young children and may leave the heart muscle or coronary arteries damaged. Kawasaki disease usually, but not always, affects children aged five years and under. It may damage the heart muscle or coronary arteries. It is named after the Japanese paediatrician who identified the disease. The cause is unknown but the disease is probably caused by an abnormal reaction to a common germ.