

## Early Assessment Of Ambiguous Genitalia

Provides evidence-based guidelines in schematic flowcharts, representing a step-by-step method of solving clinical problems in gynaecology.

Description PDQ Medical Genetics challenges students to learn to think genetically, to recognize genetic factors, and to explain genetics to patients. The author presents an approach to solving clinical problems with genetic components rather than on the presentation of facts that would soon fall out of date. The text is problem-oriented. Each chapter opens with a case scenario designed to direct the student toward learning both the clinical and the basic biological science. The featured scenarios also provide direction in the dealing with a patient's, and family's, personal difficulties by listing genetic disease support groups. The informative text also emphasizes how to go about obtaining the latest information on such topics as molecular testing and imaging techniques. Key Features Features topics not found in most genetics texts designed primarily for medical students such as complex disorders, ambiguous genitalia, pharmacogenetics, and bone dysplasias. Includes a dual-platform mini-CD-ROM with the complete text and illustrations, in fully searchable PDF files Incorporates references and links to carefully selected websites for additional readings and a bonus self-assessment question and answer section for each chapter - all included on the accompanying CD-ROM This book will help students understand the nature of genetics and how its principles flow from those of evolution and natural selection. It provides to the medical student an approach to solving clinical problems and provides a conceptual framework within which to sort it all out. Davidson approaches the subject of medical genetics as students will encounter it - clinically. The book is problem-based, and each chapter begins with a case scenario requiring a knowledge of genetics with which the practicing physician will have to come to grips fairly frequently with the emphasis on having the student recognize the applications of basic science data and solving the problem presented. It

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Endocrine Secrets, 7th Edition, features the Secrets' popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style – making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time – succinct, easy to read, engaging, and highly effective. Fully revised and updated throughout, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams. Features bulleted lists, mnemonics, practical tips from prominent endocrinologists – all providing a concise overview of important board-relevant content. Keeps you up to date with new techniques and technologies, as well as changing treatment options and drug information. Equips you for effective practice with coverage of the most current developments in obesity management, weight loss drugs, and bariatric surgery; type 2 diabetes mellitus; insulin therapy; thyroid cancer; osteoporosis therapies; and much more. Portable size makes it easy to carry with you for quick reference or review anywhere, anytime.

This is a comprehensive book addressing steroid disorders from hormonal, genetic, psychological, and surgical perspectives. It is meant to educate adult and pediatric endocrinologists, clinical geneticists, genetic counselors, reproductive endocrinologists, neonatologists, urologists, and psychoendocrinologists. It will assist these specialists in the diagnosis and treatment of steroid disorders. The book is written for postgraduate and faculty-level physicians. The content consists of steroid disorders, genetic bases for the disorder and case presentations of each disorder. Provides a common language for professionals to discuss and diagnose genetic steroid disorders Includes the very latest details on genetic tests and diagnoses Offers a strong understanding of the molecular basis for the diseases and therefore correct diagnosis and treatment of steroid disorders Presents insight into which medications to use based on the genetic makeup of a patient Teaches the best strategies and most effective use of genetic information in the patient counseling setting

Featuring over 500 full-color clinical photographs, succinct clinical pearls, and detailed differential diagnosis tables, this atlas is a visual guide to the rapid and accurate diagnosis and appropriate treatment of pediatric problems. The book will greatly assist busy practitioners in recognizing disease entities and distinguishing among entities that appear similar. The Second Edition includes information on treatment, a chapter on breastfeeding images that demonstrate proper latch, and 150 new images. Organized by anatomic site, the book focuses on presenting problems. Each chapter includes bulleted clinical pearls on the history and physical examination. A differential diagnosis table lists all common diagnoses with ICD-9 codes and the distinguishing characteristics for each diagnosis. Clinical photographs of each entity are then shown, including ethnic variations where relevant.

The #1 clinical reference on pediatric and adolescent gynecology is now in its updated Fifth Edition. Written by experts from The Children's Hospital in Boston and other leading medical centers, this handbook presents contemporary approaches to diagnosis and medical and surgical management of gynecologic problems in infants, children and adolescents. This edition features cutting-edge information on urology and complementary and alternative medicine and expanded coverage of surgical techniques for correcting structural abnormalities of the reproductive tract. More than 400 illustrations—including 8 pages of full-color plates—complement the text. The book also includes outstanding algorithms and tables and abundant case examples.

This 2006 handbook of neonatal endocrinology provides a wealth of practical information on the diagnosis and management of suspected endocrine pathology. Interpretation of endocrine function in the newborn period can be difficult, because of the transition following hormonal influences of the mother and placenta. The situation is even more complex in infants born prematurely. The unique format presented here is clinically orientated from presentation, diagnosis and management, including immediate, medium and long-term. It clearly explains and describes how and when samples should be taken, order of priority, sample volumes required, length of time one can expect before results are available and normal values. This book gives guidance as to what to tell parents, providing addresses of support groups. This is very much a practical 'hands-on, how-to' approach with flow-charts. It also provides a formulary and investigation methodology section and a brief description of physiology.

A benchmark reference textbook. An exceptional editorial team and internationally renowned contributors come together to bring you Brook's Clinical Pediatric Endocrinology. This new book is full of practical advice and is essential reading for everyone involved in the care of children and adolescents with endocrine disease and disorders. This outstanding reference book has been fully updated to feature new concepts, new investigations and new molecular mechanisms and is full of practical, clinical advice.

The perfect text for pediatric endocrinologists, endocrinologists and pediatricians.

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The extended contents of this second edition reflect the growing spectrum of topics in pediatric and adolescent gynecology. Like its predecessor, this book addresses the most common gynecological problems encountered in childhood medicine, including endocrinological and surgical aspects. New chapters place particular emphasis on an update of technological aspects such as ultrasound, molecular genetics, surgery in sex disorders and new problems encountered in reproductive medicine. The book opens with a comprehensive description of the background of infant and adolescent gynecology and diagnostic tools. Several chapters are devoted to the various pathologies encountered in prepubertal and adolescent girls. Contemporary social issues such as sexual abuse, sexually transmitted diseases, contraception for teenagers and teenage pregnancy are also discussed in detail. Presenting a clear plan for clinical management and treatment of frequently encountered problems in prepubertal and adolescent girls, this book should be read by pediatricians, endocrinologists, gynecologists and family practitioners.

This manual is a comprehensive guide to radiological imaging for the diagnosis of diseases and disorders in children. The fourth edition has been fully revised and features many new topics, providing the latest advances in the field. Divided into 35 chapters, the book covers all the main imaging modalities – CT, MRI, ultrasound and digital radiography, and their use in the diagnosis of disorders in different body systems. Numerous radiological images, tables and boxes further enhance the extensive text. Key points Comprehensive guide to radiological imaging in children Fully revised, fourth edition, featuring many new topics and latest advances Covers all the main imaging modalities accompanied by radiological photographs, tables and boxes Previous edition (9789350252055) published in 2011

The rapid advances in medicine over the last 50 years have totally changed the outlook for children with disorders of sex development (DSD), but there is still much to learn. This book crystallizes the combined experience of a leading dedicated unit over 25 years in delivering expert medical and surgical care to children with DSD in a holistic environment. It documents the most recent advances in the molecular biology and embryology of sex development, and describes each disorder in detail. The clinical presentation and approach to diagnosis are described both for babies and for children presenting later in childhood or at adolescence. The chapters on management highlight all the latest knowledge and include the shared wisdom of the authors on current controversies, such as the timing of surgical treatment. Finally, the authors describe their short-, medium-, and long-term outcomes, which demonstrate the strengths of holistic team management.

Endocrinology, and diabetes care in particular, is a dynamic field where clinicians must translate new evidence into clinical practice at a rapid pace. Designed in an engaging, case-based format, *Endocrinology and Diabetes: A Problem Oriented Approach* offers a wide range of thought-provoking case studies that reflect contemporary, challenging, hands-on clinical care. Further, by providing a list of specific clinical problems, this format offers the reader a more convenient and pointed way to solve precise clinical problems in a timely manner. Developed by a renowned, international group of experts, this comprehensive title covers the most common clinical problems in endocrinology and diabetes and should be of great interest to endocrinologists, diabetologists, internal medicine physicians, family physicians, fellows, and residents.?

While there are Pediatric Urology texts for Pediatric Urologists and for General Urologists, there are none for Primary Care Physicians. This book is written specifically for the primary care physician, the initial contact for the many children with urologic conditions. This text will assist the primary care physician in the recognition of and participation in the care of children with these common problems. These include both congenital and acquired conditions. Management may involve medical and/or surgical intervention. The contributing authors were selected for their internationally recognized expertise and straight forward educational styles. *Pediatric Urology for the Primary Care Physician* will significantly help our primary care colleagues in the evaluation and management of children with genito-urinary problems.

In recent years, substantial progress in gene technology has greatly improved the understanding of the pathogenesis of paediatric endocrine diseases as well as opened new diagnostic and therapeutic possibilities. This volume, based on a symposium held in Genoa in January 2007, reviews normal and abnormal hypothalamic-pituitary development affecting growth hormone (GH) secretion and defects of the GH-IGF-I axis influencing GH and IGF-I action. Abnormalities of the pituitary-gonadal axis affecting normal puberty are discussed together with defects of steroidogenesis involving both adrenal and gonadal development. The effect of glucocorticoid hormone programming in early life and defects of G proteins and their receptors are also described. Key chapters cover neonatal diabetes, congenital insulin resistance syndromes and the pathogenesis and management of persisting hyperinsulinism of infancy. Finally, the application of stem cell research from animal studies to human diagnosis and therapy is reviewed. Providing information that is of topical value to physicians, nonclinical scientists and students from many disciplines, this book stimulates thought and future research opportunities with cutting-edge scientific results in the complex field of congenital endocrinopathies.

Intersex' is the condition whereby an individual is born with biological features that are simultaneously perceived as male and female. Ranging from the ambiguous genitalia of the true 'hermaphrodite' to the 'mildly or internally intersexed', the condition may be as common as cleft palate. Like cleft palate, it is hidden and surgically altered, but for very different reasons. This important book draws heavily on the personal testimony of intersexed individuals, their loved ones, and medical carers. The impact of early sex-assignment surgery on an individual's later life is examined within the context of ethical and clinical questions. Harper challenges the conventional and radical 'treatment' of intersexuality through non-consensual infant sex-assignment surgery. In doing so she exposes powerful myths, taboos, and constructions of gender - the perfect phallus, a bi-polar model of gender and the infallibility of medical decisions. Handling sensitive material with care, this book deepens our understanding of a condition that has itself only been medically understood in recent years.

This comprehensive, definitive reference in the field, incorporates all of today's explosive discoveries in basic and clinical endocrinology. Its reliable, cutting-edge guidance for a full range of problems is combined with a wealth of information on the physiological, biochemical, and genetic basis at the molecular biological level. Dr. Mark A. Sperling and 33 contributing experts bring readers the benefits of discovery at the bench and its application at the bedside. New chapters, extensive revisions, and compelling updates will keep readers at the forefront of the diagnosis and management of endocrine disease in children. Incorporates the explosive growth in molecular biology as it relates to developmental and pediatric endocrinology. Extensively revised and updated chapters throughout reflect the latest information. Coverage of up-to-the-minute topics in the field, including molecular, biochemical, and clinical basis of hyperinsulinemic hypoglycemia of infancy and childhood diabetes mellitus energy balance/obesity growth hormone paradigms of mechanisms of hormone action, and others Contributions from new authors from distinguished institutions Numerous brand-new illustrations depict the most current information, particularly the basic science/genetic basis of certain entities

Berman's Pediatric Decision Making uses an algorithmic, structured approach to lead you to the right diagnosis and treatment every time. Drs. Lalit Baja, Simon Hambidge, Ann-Christine Nyquist, and Gwendolyn Kerby use evidence-based research and flow charts for each presenting complaint or specific disorder to provide quick access to the information you need for effective decision making. With updated drug tables and revised algorithms, this streamlined new edition makes it even easier for you to diagnose and manage common clinical problems from infancy through adolescence. Rapidly access guidance on diagnosis and management from algorithms for each clinical disorder. Treat the full range of diseases and disorders with comprehensive coverage of diagnosis, assessment of severity, and clinical management. Choose the best treatment for each case thanks to indications for surgical interventions as well as expensive diagnostic procedures Stay current on recent developments and make effective decisions for movement disorders, physical abuse in children, sexual abuse in children, eating disorders, ADHD, and other hot topics. Find answers quickly and easily with a new table of contents organized into two sections—Presenting Complaints and Specific Disorders—that reduces the need to flip between chapters. Tap into the diverse perspectives of expert authors from all over the country. Get only the information you need in the streamlined new edition with shorter, more user-friendly flow diagrams and fewer specialized chapters.

The present book is an illustrated guide on fetal medicine, including a wealth of normal and pathological/malformations ultrasound images, throughout the whole pregnancy. Thus, the book intends to fill two gaps in once: The lack of a material discussing the basic principles of fetal ultrasound, which are the basement for a more efficient learning in fetal medicine. . The need for a thorough approach in fetal medicine, presenting both normal and pathological imaging, allowing a detailed evaluation of clinical conditions of importance in prenatal care and follow up. The Atlas of Ultrasound Imaging is an up to date guide to all obstetricians, gynecologists and pediatricians who intend to upgrade their knowledge in fetal medicine, as well as to any other professional, professor, student or research interested in fetal ultrasound.

"This report examines the physical and psychological damage caused by medically unnecessary surgery on intersex people, who are born with chromosomes, gonads, sex organs, or genitalia that differ from those seen as socially typical for boys and girls. The report examines the controversy over the operations inside the medical community, and the pressure on parents to opt for surgery"--Publisher's description.

This collection of 21 articles is designed to serve as a state-of-the-art reference book for intersexuals, their parents, health care professionals, ethics committee members, and anyone interested in problems associated with intersexuality. It fills an important need because of its uniqueness as an interdisciplinary effort, bringing together not just urologists and endocrinologists, but gynecologists, psychiatrists, psychologists, lawyers, theologians, gender theorists, medical historians, and philosophers. Most contributors are well-known experts on intersexuality in their respective fields. The book is also unique in that it is also an international effort, including authors from England, the Netherlands, Germany, Australia, India, Canada and the United States. The book begins with introductory chapters on the etiology of intersex conditions, conceptual clarification, legal issues, and reflections about the inherent characteristics of medical care that have led up to the issues we face today and explain the resistance to change in traditional practices. Researchers provide recent data on gender identity, surgical outcomes, and appropriate clinical care. Issues never having been addressed are introduced. The significance of intersexuality for Christianity and for philosophical concerns with authenticity add further depth to the collection. The final chapters deal with future possibilities in the treatment of intersex and for intersex advocacy.

An extensive body of evidence highlights the crucial importance of endocrine genetics. Examples range from human growth disorders and obesity to cancers of the prostate and breast. A pivotal part of the Modern Endocrinology Series, this book presents major biological studies underlining the significance of data obtained from knock-out mice, as well as from transgenic animals. Gene therapy and laboratory evaluation and screening of genetic endocrine diseases are covered, as are many of the classical endocrine diseases.

This comprehensive question-and-answer resource covers all aspects of the curriculum for the Part 2 MRCOG examination. Candidates are given the opportunity to practise the Single Best Answer question style, to cover the content they will encounter in the examination and to assess their knowledge. As consultants actively engaged in the writing of the Part 2 Single Best Answers, the authors and editor have provided directly applicable questions. Candidates to review the syllabus in an organised, systematic manner, with comprehensive explanations for each answer. This title also includes new sections on ethics, training, audit and clinical governance. Mock exams are also available online to familiarise candidates with the real-life examination. The detailed answers, evidence and comprehensive list of references offer an excellent training and reading source for all candidates preparing for the Part 2 MRCOG examination.

Although pediatric surgery is a distinct and evolving specialty, it still remains an integral part of most general surgical and paediatric medical practice. Nevertheless, surgery in children does differ from adult practice in various fundamental ways, and there are key physiological and anatomical differences that constantly need underlining. Progress and improvement in outcome has also been rapid but it is sometimes difficult for practitioners to keep themselves up-to-date with the usual surgical or paediatric text books. This book will give a concise overview of all important topics and is designed to provide information in order to recognise the common surgical conditions; namely typical symptoms and signs, investigation and then treatment management. It will also provide an anatomical and physiological background to aid understanding, in addition to emphasising logical, and where possible, evidence-based practice by the use of flow charts, tables and algorithms. Authored by an international range of leading contributors, this is the first book of its kind to offer comprehensive coverage to this topic in a quick reference, pocket-book format.

Physical Assessment of the Newborn, 5th Edition, is a comprehensive text with a wealth of detailed information on the assessment of the newborn. This valuable and essential resource illustrates the principles and skills needed to gather assessment data systematically and accurately, and also provides a knowledge base for interpretation of this data. Coverage addresses: gestational assessment, neurologic assessment, neonatal history, assessment of the dysmorphic infant, and systemic evaluation of individual body systems, as well as key information on behavioral and pain assessment, including the use of specific tools with various groups ranging from term to extremely preterm infants. Numerous tables, figures, illustrations, and photos, many of them in full color, are a major strength that enhances the book's usefulness as a clinical resource. The text is an excellent teaching tool and resource for anyone who performs newborn examinations including nurses, neonatal and pediatric nurse practitioners, nurse-midwives, physicians and therapists. It can also serve as a core text for any program preparing individuals for advanced practice roles in neonatal care. **KEY FEATURES:** An authoritative and renowned text that comprehensively addresses all key aspects of newborn assessment Provides a well-ordered evaluation of individual body systems. Assists the practitioner in identifying infant state, behavioral clues, and signs of pain, facilitating individualized care. Comprehensively addresses the tremendous range of variation among newborns of different gestational ages. The content is amplified by numerous photos and illustrations, many in full color Includes Power Point slides and an Image Bank

Disorders of Sex Development An Integrated Approach to Management Springer Science & Business Media

AAP Textbook of pediatric Care: Tools for Practice is a comprehensive resource of tools to use in general pediatric practice. A stand-alone volume or as a companion to AAP Textbook of Pediatric Care, a comprehensive and innovative

pediatric textbook based on Hoekelman's Primary Pediatric Care, this all-new book focuses on the core components of pediatric care including: \*Engaging patients and family (educational tools, behavior modification support) \* Decision support for clinicians in the form of 1) assessment/screening tools and 2) guideline tools (such as decision charts, automated entry sets, etc) \* Enhancing coordination of care in the practice and in the community \* Public health advocacy

What happens when a baby is born with “ambiguous” genitalia or a combination of “male” and “female” body parts? Clinicians and parents in these situations are confronted with complicated questions such as whether a girl can have XY chromosomes, or whether some penises are “too small” for a male sex assignment. Since the 1950s, standard treatment has involved determining a sex for these infants and performing surgery to normalize the infant’s genitalia. Over the past decade intersex advocates have mounted unprecedented challenges to treatment, offering alternative perspectives about the meaning and appropriate medical response to intersexuality and driving the field of those who treat intersex conditions into a deep crisis. Katrina Karkazis offers a nuanced, compassionate picture of these charged issues in *Fixing Sex*, the first book to examine contemporary controversies over the medical management of intersexuality in the United States from the multiple perspectives of those most intimately involved. Drawing extensively on interviews with adults with intersex conditions, parents, and physicians, Karkazis moves beyond the heated rhetoric to reveal the complex reality of how intersexuality is understood, treated, and experienced today. As she unravels the historical, technological, social, and political forces that have culminated in debates surrounding intersexuality, Karkazis exposes the contentious disagreements among theorists, physicians, intersex adults, activists, and parents—and all that those debates imply about gender and the changing landscape of intersex management. She argues that by viewing intersexuality exclusively through a narrow medical lens we avoid much more difficult questions. Do gender atypical bodies require treatment? Should physicians intervene to control the “sex” of the body? As this illuminating book reveals, debates over treatment for intersexuality force reassessment of the seemingly natural connections between gender, biology, and the body.

Richly illustrated and comprehensive in scope, *Obstetric Imaging, 2nd Edition*, provides up-to-date, authoritative guidelines for more than 200 obstetric conditions and procedures, keeping you at the forefront of this fast-changing field. This highly regarded reference covers the extensive and ongoing advances in maternal and fetal imaging in a concise, newly streamlined format for quicker access to common and uncommon findings. Detailed, expert guidance, accompanied by superb, high-quality images, helps you make the most of new technologies and advances in obstetric imaging. Features more than 1,350 high-quality images, including 400 in color. Helps you select the best imaging approaches and effectively interpret your findings with a highly templated, bulleted, at-a-glance organization. Reflects all the latest developments in the field, including genetics, open fetal surgery, fetal echocardiography, Zika virus, and 3D imaging, so you can provide the safest and most responsive care to both mother and fetus. Includes new chapters on Limbs and Bones Overview; Open Fetal Surgery; Biophysical Profile; Ultrasound Physics; Elastography; Doppler; MRI; Echogenic Bowel; Pregnancy of Unknown Location (PUL), Failed Pregnancy and Ectopic Pregnancy, Cesarean Scar Pregnancy; Cytomegalovirus (CMG), Rubella, Toxoplasmosis, Herpes, Varicella; and Congenital Syphilis; plus a new chapter on Zika Virus written by imaging experts from the “hot zone.” Keeps you up to date with the latest developments in multimodality imaging and optimizing diagnostic accuracy from ultrasound, 3D ultrasound, Doppler, MRI, elastography, image-guided interventions, and much more.

Sex is complex. Humans are simultaneously more similar in their sex development, and more diverse, than is commonly appreciated or understood. Females and males are not made of wildly different ingredients. The potential to have intersex variations—to be born with atypical sex characteristics—exists for all humans in the first few weeks of their prenatal development. 1.7% of people actually go on to be born intersex. However, most of us know little about intersex variations. This is only partly due to their occasional invisibility. Intersex people have historically faced deep social stigma—the assumption that they were simply bizarre aberrations from the human norm. Furthermore, intersex infants have been widely subjected to systematic institutional mistreatment, particularly within medical settings. Finally, some people with intersex variations have simply tried to integrate themselves unnoticed into the socially accepted categories of male and female. Drawing on stories and statistics from the first national study of intersex the book argues for a distinct 'Intersex Studies' framework to address intersex issues and identity—foregrounding people with intersex variations' own goals, perspectives and experiences. Collected in 2015 and arranged in thematic chapters, the data presented here on 272 individuals gives a penetrating account of historically and socially obscured experience. This book is an important and long-overdue contribution to our understanding of human sexuality and a must-read for people with intersex variations, health practitioners, psychologists, advocacy groups, students, and anybody interested in knowing more about our diverse human make-up.

The seventh edition of *Brook's Clinical Pediatric Endocrinology* has been compiled by an experienced editorial team and internationally renowned contributors; it presents basic science and clinical management of endocrine disorders for all involved in the care of children and adolescents. It provides treatments for a variety of hormonal diseases, including diabetes and hypoglycaemia, growth problems, thyroid disease and disorders of puberty, sexual differentiation, calcium metabolism, steroid metabolism and hypopituitarism.

This book addresses various aspects of male reproduction ranging from mind to testis. The basis of maleness lies in the Y chromosome. Reproductive functions depend upon the development of male organs from embryo to manhood. Testis, the male gonad, produces hormones and sperms; the latter is ejaculated in semen secreted by accessory sex glands. The testicular events are under neuroendocrine regulation which coordinates reproductive life from puberty to andropause. Biology is as important as psychology in the control of reproduction. Behaviours are rooted in the brain.

Various brain areas and neural circuits regulate male behaviours. Brain sexual polymorphism is the basis of homosexuality and transgenders. Neurophysiology has always been complex to understand. But, this book presents it in a simpler way. Reproductive organs receive systemic influences, too. The book describes roles of metabolic, immune and thyroid status in reproduction. The book has chapters on male reproductive pathophysiology. Principles of diagnosis and management are also included. The last section deals with contraception and yoga. The traditional wisdom of yoga has been used for millennia to enhance sexual and reproductive experience. This book will serve basic medical scientists, urologists, nephrologists, surgeons, andrologists, endocrinologists, gynaecologists, nurses, councillors and also the students of biological sciences who want to study reproduction in human male. The language is kept simple so that an inquisitive person with a background of biology too may read it.

This book demonstrates clearly how to perform a clinical examination in the infant or child with a surgical condition. While most textbooks of pediatric surgery focus on the pathological classification and overall management of disease, in clinical practice physicians and surgeons usually use a problem-oriented approach to clinical diagnosis. Surprisingly, this is rarely taught to students. The authors attempt to redress this imbalance by providing a clinical approach to the patient which can be learned with a minimum of factual information. The book should therefore remain useful to the practitioner throughout his or her medical career. It includes detailed coverage of the usual presentations of common diseases, but does not attempt to cover all aspects of the presentations of uncommon diseases unless their recognition is important for the well-being or survival of the child. Generously illustrated, this is a book for all who are learning the art of pediatric surgical diagnosis. Ten years ago a group of experts assembled in Chicago to develop a consensus on the management of conditions previously described as intersex. The consequences of this consensus have been far reaching, including a change in nomenclature, the development of greater collaboration across geographical boundaries, and a move towards greater involvement of patients and parents. Moreover, an international registry was established, as well as research and clinical networks. This book brings together a thorough overview on all these topics. Furthermore, the major technological advances in diagnostic genetic and biochemical capabilities over the past 10 years are outlined in detail. Offering a comprehensive update on various aspects of disorders of sex development (DSD), this book will be essential reading to all clinicians who are involved in delivering health care to patients with a DSD, as well as scientists involved in biomedical research related to DSD.

Intersex is the condition whereby an individual is born with biological features that are simultaneously perceived as male and female. Ranging from the ambiguous genitalia of the true 'hermaphrodite' to the 'mildly or internally intersexed', the condition may be as common as cleft palate. Like cleft palate, it is hidden and surgically altered, but for very different reasons. This important book draws heavily on the personal testimony of intersexed individuals, their loved ones, and medical careers. The impact of early sex-assignment surgery on an individual's later life is examined within the context of ethical and clinical questions. Harper challenges the conventional and radical 'treatment' of intersexuality through non-consensual infant sex-assignment surgery. In doing so she exposes powerful myths, taboos, and constructions of gender - the perfect phallus, a bi-polar model of gender and the infallibility of medical decisions. Handling sensitive material with care, this book deepens our understanding of a condition that has itself only been medically understood in recent years.

Perfect as a resource in the field or for exam preparation, this authoritative reference from the Association of Women's Health, Obstetric, and Neonatal Nurses (AWHONN) includes in-depth coverage of the most common neonatal disorders and their management. The concise outline format highlights the essentials of each condition including definition, etiology, pathophysiology, signs and symptoms, diagnostic tests, treatments, and outcomes to help you find important information quickly. This new edition also features an increased focus on evidence-based practice, new CAMTS and AAMS guidelines, new techniques for PICC placement, and changes to the Neonatal Resuscitation Program. All necessary information to prepare for the neonatal intensive care nursing certification examination is included. Concise outline format provides access to important nursing considerations associated with the management of the most common conditions in the neonate. Text provides a collaborative effort between the three most authoritative associations in neonatal intensive care nursing - AWHONN, AACN, and NANN. Information on families, ethics, legal issues, research, case management, and the transition to home acknowledge the full scope of neonatal nursing practice. NEW! CAMTS and AAMS guidelines, techniques for PICC placement, and changes to the Neonatal Resuscitation Program are just a few of the updates that reveal the importance the new edition places on safety practices and procedures. NEW! Updated chapter on Patient Safety includes selected improvement strategies and resources for neonatal nurses to build a patient safety toolkit, discusses TeamSTEPPS (Team Strategies and Tools to Enhance Performance and Patient Safety), and recognizes human issues, such as shift work and fatigue. NEW! Increased focus on evidence-based practice for preterm infants, medications, and antepartum-intrapartum complications sets the standard for neonatal nursing practice. NEW! Strategies to promote inclusionary care better reflect nursing care today by focusing on family-centered care, comprehensive perinatal records, health care teams in the NICU, and best practices in the care of the late preterm infant. NEW! Comprehensively revised chapter on Immunology identifies risk factors for infection associated with term and preterm infants, distinguishes clinical symptoms and therapies associated with TORCHES CLAP spectrum infections, and includes prevention strategies for hospital-acquired infections. NEW! Thoroughly updated content and references reflect currency and technologic advances. NEW! Refocused chapter on Developmental Care guides the nurse to use assessment within the context of the environment and situation to initiate interventions in the moment or use patterns of responses for developing plans of care and presents core measures on evaluating developmental care practices in the NICU.

Punctuated with remarkable case studies, this book explores extraordinary encounters between hermaphrodites--people born with ambiguous sexual anatomy--and the medical and scientific professionals who grappled with them. Alice Dreger focuses on events in France and Britain in the late nineteenth century, a moment of great tension for questions of sex roles. While feminists, homosexuals, and anthropological explorers openly questioned the natures and purposes of the two sexes, anatomical hermaphrodites suggested a deeper question: just how many human sexes are there? Ultimately hermaphrodites led doctors and scientists to another surprisingly difficult question: what is sex, really? *Hermaphrodites and the Medical Invention of Sex* takes us inside the doctors' chambers to see how and why medical and scientific men constructed sex, gender, and sexuality as they did, and especially how the material conformation of hermaphroditic bodies--when combined with social exigencies--forced peculiar constructions. Throughout the book Dreger indicates how this history can help us to understand present-day conceptualizations of sex, gender, and sexuality. This leads to an epilogue, where the author discusses and questions the protocols employed today in the treatment of intersexuals (people born hermaphroditic). Given the history she has recounted, should these protocols be reconsidered and revised? A meticulously researched account of a fascinating problem in the history of medicine, this book will compel the attention of historians, physicians, medical ethicists, intersexuals themselves, and anyone interested in the meanings and foundations of sexual identity.

A state-of-the-art and concise guide to the clinical management of pediatric endocrine disorders, the second edition of the highly regarded *Pediatric Endocrinology: A Practical Clinical Guide* covers the most common and challenging conditions seen by practicing endocrinologists and primary care physicians, including growth, hypothalamic, pituitary, adrenal, thyroid, calcium and bone, and reproductive disorders, as well as metabolic syndromes. This expanded second edition includes new topics being seen more commonly in pediatric endocrinology practices related to obesity and type 2 diabetes mellitus and lipid disorders. Each chapter contains an introductory discussion of the problem, a review

of the clinical features that characterize it, the criteria needed to establish a diagnosis, and a comprehensive therapy section delineating the risks and benefits of the best therapeutic options available. Invaluable tables summarize the critical factors in etiology, clinical presentation, diagnosis, and therapeutic dosages. *Pediatric Endocrinology: A Practical Clinical Guide, Second Edition*, is a comprehensive resource for all clinicians concerned with the myriad endocrinologic disorders seen in children and adolescents.

The book attempts to provide the essential information that postgraduates throughout India need to capture to effectively address the health problems that our children and youth may face in the times to come. Our objective is to be comprehensive yet concise and reader friendly, embracing both the new advances in science as well as the time-honored art of pediatric practice. Both Indian and international experts in respective fields have provided the details which have been further scrutinized for exposition and usefulness to pediatric postgraduates by a chosen team of eminent academicians. We have liberally included tables, line diagrams, images, clinical photographs, illustrative figures, flowcharts and algorithms in the main text. The book is divided in 10 major Parts and further arranged into 51 Sections to cover all aspects of postgraduate pediatric curriculum. Themes which have major public health relevance for India are extensively covered. It is almost impossible to cover all pediatric problems with the same degree of detail and hence a careful balance has been made in the details of description of diseases and their management to the needs of the students, and to keep the book to a manageable size. Take-home messages are provided at the end of each chapter. Selected recent references, mostly leading articles, reviews and position statements, are provided for more detailed information if desired by the student or the teacher.

A comprehensive examination of neonatal nursing management from a physiologic and pathophysiologic approach. The book features a complete physiologic and embryonic foundation for each neonatal system as well as coverage of associated risk factors, genetics, critical periods of development, nutrition and parenting.

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