

The Bedside Dysmorphologist

Highly Commended, BMA Medical Book Awards 2014
The fifth edition of this highly successful and well-regarded book provides those working in neonatal intensive care units with precise instructions on the diagnosis and management of neonatal problems. This edition has been extensively updated and revised, while retaining the background information. This is a collection of 48 highly useful case studies of children and adults with communication disorders.

Neonatology at a Glance provides a concise, illustrated overview of neonatal medicine. Written by leading international experts, it provides essential information on perinatal medicine, delivery, the normal newborn infant and neonatal problems encountered in neonatal intensive care units and their management. Each topic is supported by excellent illustrations, diagrams, and audio-visual materials, including time-lapse video clips to show neonatal resuscitation and stabilizing the sick newborn, normal examination, the baby with hypoxic-ischemic encephalopathy, recognition of seizures and practical procedures. Neonatology at a Glance: • Provides up-to-date information on all of the important conditions you will encounter • Covers challenging topics including pain, ethical issues, quality improvement, evidence-based medicine and palliative care • Features new sections on fetal medicine, respiratory support, therapeutic hypothermia, amplified EEG and perinatal neuroimaging • Integrates invaluable details about practical procedures including neonatal resuscitation and transport • Supplemented by video materials and artwork which can be viewed via the companion website at www.ataglanceseries.com/neonatology Neonatology at a Glance is the perfect guide for all health professionals looking after newborn infants, including pediatric trainees, medical students, neonatal nurse practitioners and neonatal nurses, the midwives. For neonatologists, pediatricians and nurse tutors it is a valuable resource to assist with teaching. A wealth of commonly encountered clinical scenarios to enable trainees to manage paediatric cases more effectively, and to apply their knowledge to real life clinical situations.

An Ethnography of Hospital Care and its Consequences for People Living with Dementia

The Harriet Lane Handbook

A Comprehensive Approach to the Art of Physical Examination, Fifth Edition

Oxford Desk Reference

Wandering the Wards

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

Thoroughly revised and updated, the New Edition of this definitive text explains how to care for neonates using the very latest methods. Of diagnosis and treatment. Rennie & Robertson's Textbook of Neonatology, 5th Edition represents the state-of-the-art on neonatal care, providing not only detailed pathophysiology and clinical chapters on every condition of the neonate but also comprehensive chapters on the psychosocial aspects of neonatology, such as handling perinatal death and ethical and legal aspects of neonatal care. Contributions from Fetal Medicine experts and Obstetricians provide valuable peripheral information essential to the practice of neonatology. Rennie & Robertson's Textbook of Neonatology, 5th Edition is the gold standard for neonatal care and will be an invaluable tool for everyone involved in the care of the neonate. It serves as an authoritative reference for practitioners, a valuable preparation tool for neonatal certification exams, and a useful resource for the entire neonatal care team Improved illustration program throughout • color figures, line drawings. Will facilitate quick review and enhance comprehension. Major changes have been made to the chapters on genomics, screening, and a range of neurologic, respiratory and cardiovascular disorders including: resuscitation and ventilation, chronic lung disease, periventricular leucomalacia. This book continues to provide the user with the latest clinically relevant applications in diagnosis and management to enable user to derive appropriate differential diagnosis and management plans. Latest advances in imaging techniques included (CT, cranial ultrasonography, MRI). There has been tremendous growth in the pace of development and refinement of imaging techniques. This book will ensure that the user is fully aware of their clinical applications. Incorporates the latest guidelines on clinical governance (as recommended by RCPCH). Helps ensure implementation of appropriate management plans. Selected key references now included at end of each chapter. Experts carefully select the most important articles for further reading to facilitate further understanding/research

Highly valued across the world by genetic counsellors, medical geneticists and other healthcare professionals, Harper's Practical Genetic Counselling has established itself over previous editions as the essential guide to counselling those at risk from inherited disorders. Fully revised by its new author Angus Clarke, and with additional input from colleagues, this eighth edition provides indispensable and up-to-date guidance, helping readers to navigate the profusion of new information in this area and the associated psychosocial and ethical considerations and concerns. Maintaining the trusted framework of earlier editions, the update presents the latest information on the use and interpretation of genetic test results, including new genome-based investigations and their application in the genetic counselling process. This book will help both the student and the practitioner, as genetic and genomic investigations become progressively more relevant to all healthcare professionals with the mainstreaming of genetics across the full range of medical practice. The eighth edition of this best-selling text will continue to be an essential source of reference for trainee and practitioner genetic counsellors and medical geneticists, for clinicians and nurses working in mainstream specialties who increasingly are dealing with the genetic aspects of disease, and for practitioners working in settings where referral to a genetics specialist is not readily available. It also provides invaluable background for other healthcare professionals, counsellors, social scientists, ethicists and genetics laboratory staff.

Wandering the Wards provides a detailed and unflinching ethnographic examination of life within the contemporary hospital. It reveals the institutional and ward cultures that inform the organisation and delivery of everyday care for one of the largest populations within them: people living with dementia who require urgent unscheduled hospital care. Drawing on five years of research embedded in acute wards in the

UK, the authors follow people living with dementia through their admission, shadowing hospital staff as they interact with them during and across shifts. In a major contribution to the tradition of hospital ethnography, this book provides a valuable analysis of the organisation and delivery of routine care and everyday interactions at the bedside, which reveal the powerful continuities and durability of ward cultures of care and their impacts on people living with dementia.

Physical Assessment of the Newborn

The Gene, the Clinic, and the Family

Inheritance

Common Malformations

A Trainee Handbook

How do our patients come to be the way they are? What forces shape their conscious and unconscious thoughts and feelings? How can we use this information to best help them? Constructing psychodynamic formulations is one of the best ways for mental health professionals to answer questions like these. It can help clinicians in all mental health settings understand their patients, set treatment goals, choose therapeutic strategies, construct meaningful interventions and conduct treatment. Despite the centrality of psychodynamic formulations in our work with patients, few students are taught how to construct them in a clear systematic way. This book offers students from all fields of mental health a clear, practical, operationalized method for constructing psychodynamic formulations, with an emphasis on the following steps: DESCRIBING problems and patterns REVIEWING the developmental history LINKING problems and patterns to the history using organizing ideas about development. The unique, up-to-date perspective of this book integrates psychodynamic theory with ideas about the role of genetics, trauma, and early cognitive and emotional difficulties on development to help clinicians develop psychodynamic formulations. Psychodynamic Formulation is written in the same clear, concise style of Psychodynamic Psychotherapy: A Clinical Manual (Wiley 2011). It is reader friendly, full of useful examples, eminently practical, suitable for either classroom or individual use, and essential for all mental health professionals. It can stand alone or be used as a companion volume to the Clinical Manual.

The new edition of this internationally recognised text offers comprehensive guidance on the successful management of the child in the dental setting. Prepared by authors of international renown, the Handbook of Paediatric Dentistry presents a volume that takes us far beyond the technical skills that are needed to treat disorders of the childhood dentition and instead delivers a whole philosophy of integrative patient care. Richly illustrated and in full colour throughout, the Handbook of Paediatric Dentistry is written in a 'friendly' manner and contains useful 'pull out' boxes to act as useful aide-memoires. Exploring a variety of topics, the book includes chapters on child development, practical communication skills and advice on how to deal with behavioural problems. Clinical topics include the management of caries, fluoridation, restorative dentistry, pulp therapy, trauma management, oral medicine and pathology, dental anomalies, and the treatment of medically compromised children. Chapters also explore the use of orthodontics, the management of the tongue and palate and speech, language and swallowing. The Handbook of Paediatric Dentistry has become an essential chairside and desk companion for all practitioners caring for children and is suitable for undergraduate dental students, general dental practitioners, paediatric dentists, orthodontists and paediatricians. Established as the foremost available comprehensive handbook on paediatric dentistry, Prepared in an 'easy-to-digest' fashion - which allows for quick reference and easy reading Contains over 550 full colour line drawings, photographs and tables together with 'Clinical Hints' boxes to act as useful aide-memoires Sets out the essentials for managing a wide range of conditions such as clefting disorders, haematological and endocrine disorders, congenital cardiac disease, disorders of metabolism, organ transplantation and cancer in children as well as more familiar presentations such as dental trauma, oral infections and caries. Appendices provide the reader with information that is often difficult to find and which may be overlooked Designed specifically for practitioners confidence when managing children Convenient handbook size ensures that the book can be easily referred to in the clinical setting Endorsed by the Australasian Academy of Paediatric Dentistry - Improved layout and completely new colour illustrations New section on sedation and use of nitrous oxide Includes details from the most recent international guidelines Cases expanded to include follow-up Includes the latest research findings in orthodontics Fully updated section on clefting problems

An essential pocket manual for anyone who treats children "This is a unique and novel approach to a pediatric handbook. It is concise, I can remember that is written by house staff, although it is reviewed by attendings and is very thorough. 3 Stars."--Doody's Review Service Featuring an instant-access, find-it-now presentation, Texas Children's Hospital Handbook of Pediatrics and Neonatology is a concise, evidence-based information that is directly applicable to bedside care of the patient in both pediatrics and neonatology and reviewed by more than 125 residents, fellows, and faculty at Texas Children's Hospital in Houston, Texas, this compact guide contains content especially selected for its value to students, trainees, and junior faculty. Distinguished faculty in virtually every pediatric subspecialty have reviewed the content to ensure that the text reflects the most current clinical practice. Features: A true quick reference guide with numerous tables, figures, and clinical algorithms Includes material not found in any other handbook, such as Clinical Pearls for Pediatrics, Wards, Neonatal and Pediatric Nutrition, and Delivery Room Care of the VLBW Infant Key medications/dosages, research, and clinical articles are cited directly in the text Includes PICU card—a necessity for every lab coat pocket—providing what-to-do information on sedation, poisoning, IV antibiotics, anaphylaxis, airway obstruction, intubation sequences, hypertensive crisis, and more Reference additional material available online at www.AccessPediatrics.com

This book summarizes the NATO Advanced Research Workshop (ARW) on "Nanoengineered Systems for Regenerative Medicine" organized under the auspices of the NATO Security through Science Program. I would like to thank NATO for supporting this workshop via a grant to the co-directors. The objective of ARW was to explore the various facets of regenerative medicine and to highlight "the nano-length scale" and "nano-scale systems" in defining and controlling cell and tissue environments. The development of novel tissue regenerative strategies require the integration of new insights emerging from studies of cell-matrix interactions, cellular processes, developmental and systems biology, into biomaterials design, via a systems approach. The chapters in the book, written by leading experts in their respective disciplines, cover a wide spectrum of topics ranging from stem cell biology, developmental biology, matrix interactions, and matrix biology to surface science, materials processing and drug delivery. We hope the contents of this book will provoke the readership into developing regenerative medicine paradigms that combine these facets into clinically translatable strategies. The NATO meeting would not have been successful without the timely help of Dr. Ulrike Shastri, Sanjeet Rangarajan and Ms. Sabin Srinivasan who assisted in the organization and implementation of various elements of this meeting. Thanks are also due Dr. Fausto Pedraza, Ms. Alison Trapp at NATO HQ (Brussels, Belgium). The commitment and persistence of Ms. Rennie & Robertson's Textbook of Neonatology E-Book

Advances in Regenerative Medicine: Role of Nanotechnology, and Engineering Principles

Pediatric Clinical Skills E-Book

A Manual for Pediatric House Officers

A Guide to Identifying and Assessing Congenital Malformations

A popular and easy-to-use guide, this book is a must-have tool for clinical consultations in genetics and genomic medicine. Ideal for quick reference during practice, it covers the process of diagnosis, investigation, management, and counselling for patients. With a strong evidence base and international guidelines, it puts reliable and trustworthy guidance at your fingertips. Designed for use as a first-line guide, the A to Z format ensures it's accessible, and the simple layout makes it easy to assimilate information. Highly illustrated, the book also contains up-to-date glossaries of terms used in genetics and dysmorphology providing quick reference for key concepts. The second edition is an eagerly anticipated update of the gold standard in the specialty. It covers new developments in the field, particularly the advent of genome-wide sequencing and major updates in cancer. Fifteen new topics have been added, including Sudden cardiac death, Neonatal screening, and Ciliopathies. The authors have used their experience to devise a practical clinical approach to many common genetic referrals, both outpatient and ward based. The most common Mendelian disorders, chromosomal disorders, congenital anomalies and syndromes are all covered, and where available diagnostic criteria are included. In addition there are chapters on familial cancer and pregnancy-related topics such as fetal anomalies, teratogens, prenatal and pre-implantation diagnosis and non-invasive prenatal testing. The book also provides information on the less common situations where management is particularly complex. Both practical and pertinent, Oxford Desk Reference: Clinical Genetics and Genomics is the companion you need by your side during clinical consultations. Postgraduate Textbook of Pediatrics is a comprehensive guide to paediatrics. The textbook is comprised of three volumes, split into ten parts with over 600 chapters, and contributions from over 50 section editors and 725 authors, covering all paediatric disorders, descriptions of diseases and their management. Includes nearly 1500 images and illustrations in full colour, incorporating information on modern imaging techniques for neurological disorders in children. This is an ideal resource for postgraduate students to gain a firm grounding in, and retain and improve their knowledge of all areas of paediatric medicine.

A highly illustrated field guide to dysmorphology, a key area of clinical genetics and a vital competency for all clinicians. Oxford Genetics is a comprehensive, cross-searchable collection of resources offering quick and easy access to Oxford University Press's prestigious genetics texts. Joining Oxford Medicine Online these resources offer students, specialists and clinical researchers the best quality content in an easy-to-access format. Online only benefits include downloading images and figures to PowerPoint and downloading chapters to PDF. This is the third edition of the foremost medical reference on hereditary hearing loss. Chapters on epidemiology, embryology, non-syndromic hearing loss, and syndromic forms of hearing loss have all been updated with particular attention to the vast amount of new information on molecular mechanisms, and chapters on clinical and molecular diagnosis and on genetic susceptibility to ototoxic factors have been added. As in previous editions, the syndromes are grouped by system (visual, metabolic, cardiologic, neurologic, musculoskeletal, endocrine, etc.), with each chapter written by a recognized expert in the field. Written for practicing clinicians, this volume is an excellent reference for physicians, audiologists, and other professionals working with individuals with hearing loss and their families, and can also serve as a text for clinical training programs and for researchers in the hearing sciences.

Patterns and Prevention in Postwar Medical Genetics

Wong's Essentials of Pediatric Nursing

American Book Publishing Record

Clinical Genetics

Diagnosing Dysmorphology, Reviving Medical Dominance

Medical geneticists began mapping the chromosomal infrastructure piece by piece in the 1970s by focusing on what was known about individual genetic disorders. Five decades later, their infrastructure had become an edifice for prevention, allowing today's expecting parents to choose to test prenatally for hundreds of disease-specific mutations using powerful genetic testing platforms. In *Life Histories of Genetic Disease*, Andrew J. Hogan explores how various diseases were "made genetic" after 1960, with the long-term aim of treating and curing them using gene therapy. In the process, he explains, these disorders were located in the human genome and became targets for prenatal prevention, while the ongoing promise of gene therapy remained on the distant horizon. In narrating the history of research that contributed to diagnostic genetic medicine, Hogan describes the expanding scope of prenatal diagnosis and prevention. He draws on case studies of Prader-Willi, fragile X, DiGeorge, and velo-cardio-facial syndromes to illustrate that almost all testing in medical genetics is inseparable from the larger—and increasingly "big data" – oriented—aims of biomedical research. Hogan also reveals how contemporary genetic testing infrastructure reflects an intense collaboration among cytogeneticists, molecular biologists, and doctors specializing in human malformation. Hogan critiques the modern ideology of genetic prevention, which suggests that all pregnancies are at risk for genetic disease and should be subject to extensive genomic screening. He examines the dilemmas and ethics of the use of prenatal diagnostic information in an era when medical geneticists and biotechnology companies have begun offering whole genome prenatal screening—essentially searching for any disease-causing mutation. Hogan's focus and analysis is animated by ongoing scientific and scholarly debates about the extent to which the preventive focus in contemporary medical genetics resembles the aims of earlier eugenicists. Written for historians, sociologists, and anthropologists of science and medicine, as well as bioethics scholars, physicians, geneticists, and families affected by genetic conditions, *Life Histories of Genetic Disease* is a profound exploration of the scientific culture surrounding malformation and mutation.

Chest wall deformities encompass a variety of congenital and acquired pathologies that affect the pediatric and the adult population. This comprehensive work offers detailed state of the art information on the changing paradigms in ultrastructural evaluation, diagnosis, clinical investigation, and treatment and reflects the shift towards conservative and minimally invasive treatment options. The combination of concise descriptions and high-quality images will provide the reader with a clear understanding of all relevant concepts. Diagnostic and imaging modalities are analysed in depth, and surgical procedures are explained step by step with the aid of clear, informative illustrations. Experts in the management of chest wall deformities from all over the world have contributed their experiences and approaches, making this a unique

textbook in the field and an ideal reference work for clinicians and surgeons.

Pediatric Clinical Skills, 4th Edition, by renowned author Richard B. Goldbloom, is your ideal guide to mastering necessary, often complex and challenging pediatric clinical skills. Written in a clear, informal tone, this book explains the nuances of the child/family interview and history, pediatric physical exam, crucial interpersonal skills, and important issues such as cultural sensitivity, chronic conditions, and athletic participation. An indispensable learning tool for in-training physicians, this book is also a valuable resource for pediatric and family practice physicians, nurses, physician assistants, and all healthcare personnel who work with children. Discover the best approach and demeanor for interviewing patients and their families. Elicit cooperation and gain the maximum value from physical exams of patients of all ages, including preterm and low-birth-weight infants. Enhance cultural sensitivity and capably navigate issues associated with chronic conditions, athletic participation, and more. Perfect the latest approaches for approaching the adolescent, clinical evaluation for possible child abuse, palliative care, examining the head and neck, evaluating gastrointestinal symptoms, surgical assessment of the abdomen, and other rapidly evolving areas. Navigate growing areas of concern including obesity, autism, TV-watching, and video games. Access the complete contents online at studentconsult.com, with Integration Links to related content in other Student Consult resources...videos demonstrating different aspects of the neurological exam, including assessing cerebral palsy and muscular dystrophy...additional content and images to complement Ch. 21, Clinical Evaluation for Possible Child Abuse...and full-color inserts that complement Ch. 8, Examining the Visual System, and Ch. 19, Assessing the Skin. Study efficiently with the aid of Case Histories, Key Points, and Recommended Readings.

A richly detailed history that “uncovers the challenges and limitations of our increasing reliance on genetic data in medical decision making” (Shobita Parthasarathy, author of *Building Genetic Medicine*). Medical geneticists began mapping the chromosomal infrastructure piece by piece in the 1970s by focusing on what was known about individual genetic disorders. Five decades later, their infrastructure had become an edifice for prevention, allowing expectant parents to test prenatally for hundreds of disease-specific mutations using powerful genetic testing platforms. In this book, Andrew J. Hogan explores how various diseases were “made genetic” after 1960, with the long-term aim of treating and curing them using gene therapy. In the process, he explains, these disorders were located in the human genome and became targets for prenatal prevention, while the ongoing promise of gene therapy remained on the distant horizon. In narrating the history of research that contributed to diagnostic genetic medicine, Hogan describes the expanding scope of prenatal diagnosis and prevention. He draws on case studies of Prader-Willi, fragile X, DiGeorge, and velo-cardio-facial syndromes to illustrate that almost all testing in medical genetics is inseparable from the larger—and increasingly “big data” – oriented—aims of biomedical research. Hogan also reveals how contemporary genetic testing infrastructure reflects an intense collaboration among cytogeneticists, molecular biologists, and doctors specializing in human malformation. Hogan critiques the modern ideology of genetic prevention, which suggests all pregnancies are at risk for genetic disease and should be subject to extensive genomic screening. He examines the dilemmas and ethics of the use of prenatal diagnostic information in an era when medical geneticists and biotechnology companies offer whole genome prenatal screening—essentially searching for any disease-causing mutation. Hogan’s analysis is animated by ongoing scientific and scholarly debates about the extent to which the preventive focus in contemporary medical genetics resembles the aims of earlier eugenicists. Written for historians, sociologists, and anthropologists of science and medicine, as well as bioethics scholars, physicians, geneticists, and families affected by genetic conditions, *Life Histories of Genetic Disease* is a profound exploration of the scientific culture surrounding malformation and mutation.

The Bedside Dysmorphologist

PG Textbook of Pediatrics

Case Studies in Communication Disorders

Oxford Desk Reference: Clinical Genetics and Genomics

The Frontal Lobes and Neuropsychiatric Illness

In a field where even experts may find that years have elapsed since they last encountered a child with a given disorder, it is essential for the clinician to have a comprehensive source of practical and highly illustrated information covering the whole spectrum of metabolic disease to refer to. The content is divided into sections of related disorders, including disorders of amino acid metabolism, lipid storage disorders, and mitochondrial diseases for ease of reference, with an introductory outline where appropriate summarizing the biochemical features and general management issues. Within the sections, each chapter deals with an individual disease, opening with a useful summary of major phenotypic expression including clear and helpful biochemical pathways, identifying for the reader exactly where the defect occurs. Throughout the book, plentiful photographs, often showing extremely rare disorders, are an invaluable aid to diagnosis. Key Features • Fully updated to incorporate all new developments in the field • Brand new chapters cover methylmalonic aciduria of ACSF3 deficiency, branched chain keto acid dehydrogenase deficiency, serine deficiencies, purine nucleoside phosphorylase deficiency, antiquitin deficiency, and others • Excellent and detailed clinical descriptions, with numerous valuable hints and suggestions for management • Helpful explanatory algorithms and decision trees, and high-quality illustrative material including biochemical pathways and an unrivaled photographic collection, which enhance clinical applicability The fourth edition of this highly regarded book, authored by two of the foremost authorities in pediatric metabolic medicine, continues to provide incomparable insight into the problems associated with metabolic diseases and remains invaluable to pediatricians, geneticists, and general clinicians worldwide.

This convenient, money-saving package is a must-have for students training for a career in nursing. It includes the Wong's *Essentials of Pediatric Nursing* textbook and *Virtual Clinical Excursions 3.0*.

Complex concepts made manageable! Build the foundation you need to understand the science of genetics and its growing role in the diagnosis and treatment of diseases and disorders. Confidently tackle the basics of genetic inheritance, the influence of somatic and germline mutations, the multifactorial relationship of gene-environment interactions, and the foundation of ethical behavior. Everyday language makes these often-intimidating topics easy to understand, while clearly defined principles, logical explanations, illustrations, tables, and clinical examples ensure you master the material.

This is a comprehensive sourcebook of reference data for health professionals involved in evaluating people with abnormal features or syndromes. It includes many graphs, tables, and charts needed by clinicians to define normal patterns of growth and provides standards of comparison for possible congenital abnormalities. Numerous "how-to" illustrations give the step-by-step guidance needed to ensure that standardized measurements are properly taken for accurate recordkeeping. Designed for ease of use, the pocket-sized book has a durable plastic cover, making it ideal for use in the ward or clinic.

Handbook of Physical Measurements

Neonatology at a Glance

Harper's Practical Genetic Counselling, Eighth Edition

Harper's Practical Genetic Counselling

Psychodynamic Formulation

While some theorists argue that medicine is caught in a relentless process of 'geneticization' and others offer a thesis of biomedicalization, there is still little research that explores how these effects are accomplished in practice. Joanna Latimer, whose groundbreaking ethnography on acute medicine gave us the social science classic *The Conduct of Care*, moves her focus from the bedside to the clinic in this in-depth study of genetic medicine. Against current thinking that proselytises the rise of laboratory science, Professor Latimer shows how the genetic clinic is at the heart of the revolution in the new genetics. Tracing how work on the abnormal in an embryonic genetic science, dysmorphology, is changing our thinking about the normal, *The Gene, the Clinic, and the Family* charts new understandings about family, procreation and choice. Far from medicine experiencing the much-proclaimed 'death of the clinic', this book shows how medicine is both reasserting its status as a science and revitalising its dominance over society, not only for now but for societies in the future. This book will appeal to students, scholars and professionals interested in medical sociology, science and technology studies, the anthropology of science, medical science and genetics, as well as genetic counselling. Award-winning physician and New York Times bestselling author Sharon Moalem, MD, PhD, reveals how genetic breakthroughs are completely transforming our understanding of both the world and our lives. Inheritance Conventional wisdom dictates that our genetic destiny is fixed at conception. But Dr. Moalem's groundbreaking book shows us that the human genome is far more fluid and fascinating than your ninth grade biology teacher ever imagined. By bringing us to the bedside of his unique and complex patients, he masterfully demonstrates what rare genetic conditions can teach us all about our own health and well-being. In the brave new world we're rapidly rocketing into, genetic knowledge has become absolutely crucial. Inheritance provides an indispensable roadmap for this journey by teaching you: -Why you may have recovered from the psychological trauma caused by childhood bullying-but your genes may remain scarred for life. -How fructose is the sugar that makes fruits sweet-but if you have certain genes, consuming it can buy you a one-way trip to the coroner's office. -Why ingesting common painkillers is like dosing yourself repeatedly with morphine-if you have a certain set of genes. -How insurance companies legally use your genetic data to predict the risk of disability for you and your children-and how that impacts the coverage decisions they make for your family. -How to have the single most important conversation with your doctor-one that can save your life. And finally: -Why people with rare genetic conditions hold the keys to medical problems affecting millions. In this trailblazing book, Dr. Moalem employs his wide-ranging and entertaining interdisciplinary approach to science and medicine-- explaining how art, history, superheroes, sex workers, and sports stars all help us understand the impact of our lives on our genes, and our genes on our lives. Inheritance will profoundly alter how you view your genes, your health--and your life.

Adopted at Cambridge University Essential Medical Genetics provides students, clinicians, counsellors and scientists with the up-to-date information they need regarding the basic principles underlying medical genetics. It also provides guidance on how to apply current knowledge in clinical contexts, covering a wide variety of topics: from genome structure and function to mutations, screening and risk assessment for inherited disorders. This sixth edition has been substantially updated to include, for instance, the latest information on the Human Genome Project as well as several new molecular genetic and chromosome analysis techniques. In full colour throughout, it includes a number of brand new features, including: a large number of self-assessment questions; 'Essentials' chapter summaries; further reading suggestions; and case study scenarios introducing clinical situations. An invaluable new section gives illustrated practical advice regarding how to choose the best available online genetic databases and also, importantly, how to most easily and most efficiently use them, for a wide range of purposes. Essential Medical Genetics is the perfect resource for a course on medical genetics, and is now accompanied by a regularly updated website and the FREE enhanced Wiley Desktop Edition (upon purchase of the book). The companion website at

www.wiley.com/go/tobias features figures from the book in PowerPoint format and a link to the authors' website with regularly updated links to genetic databases and additional self-test questions. This title is also available as a mobile App from MedHand Mobile Libraries. Buy it now from iTunes, Google Play or the MedHand Store.

This exciting volume brings together the latest work of 26 recognized experts in clinical neuropsychiatry, neuropsychology, neuroscience, and neuroimaging. Its chapters are organized into sections that cover a broad range of topics related to advances in our understanding of normal and abnormal frontal lobe functions. Part 1 introduces frontal lobe dysfunction as a common pathway leading to social and occupational disability, arguing that our aging population with its decline in executive cognitive abilities mandates corresponding eligibility and treatment changes in public and private health disability policies. Part 2 delineates the anatomy and neurochemistry of the extended frontal systems underlying neuropsychiatric illness, including colorful illustrations of three key prefrontal-subcortical circuits; a description of the functional anatomy of the orbitofrontal cortex and its relationship to obsessive-compulsive disorder (OCD); the intricate pharmacology of working memory systems and how they apply to schizophrenia; the lateralization of prefrontal cognitive functions; and a framework for understanding the role played by the prefrontal cortex in consciousness and self-awareness. Part 3 clarifies the overused diagnosis "frontal lobe syndrome" seen in clinical practice, identifying three prefrontal syndromes for further study -- dorsolateral dysexecutive syndrome, orbitofrontal disinhibited syndrome, and mesial frontal apathetic syndrome -- that align with the anatomical systems described in Part 2 of this volume. Also included are common problems -- and suggested solutions -- in diagnosis and treatment, a practical overview of the assessment of frontal lobe functions with guidelines for bedside and formal neuropsychological examination, and comprehensive treatment strategies. Part 4 covers the role of the frontal lobes in major neuropsychiatric illnesses, discussing evidence that shows prefrontal and anterior temporal hypometabolism in primary and secondary depression; reviewing anatomical, imaging, and neurochemical studies in schizophrenia; describing the neuropsychological and neuropsychiatric sequelae of closed head injury; summarizing the neurological substrates related to interesting and often dramatic cases of content-specific delusions; and concluding with a report on the stereotactic neurosurgical treatment of refractory OCD and its implications for understanding frontal lobe function. This remarkable work is intended for psychiatrists, neurologists, psychologists, basic and clinical neuroscientists, and trainees from each of these disciplines, who will welcome it as a valuable tool in understanding the complexities of what was once considered the terra incognita of the brain.

A Manual of Neonatal Intensive Care

Clinical Cases in Paediatrics

Volume 1: General Pediatrics and Neonatology

Atlas of Inherited Metabolic Diseases

Handbook of Pediatric Dentistry E-Book

Thoroughly updated and revised, this new edition of the classic clinical text provides a comprehensive review of physical measurements used in the clinical evaluation of neonates, children, and adults presenting with dysmorphic features, structural anomalies, or genetic syndromes. It has been formatted as a practical manual that can be carried to the clinic or ward for an assessment of physical features and measurements.

This extensively illustrated reference work is designed for health professionals who care for newborn infants including neonatologists, pediatricians, NICU nurses, pediatric neurologists, pediatric surgeons, geneticists, and genetic counselors. It describes the most common malformations and draws the information needed for a full diagnostic evaluation and discussion of treatment options and genetic counseling from many sources. The text also covers minor anomalies, birthmarks and includes dozens of charts of anthropologic measurements, material that is needed in the initial physical examination to describe an infant's physical features. With over 400 photographs and original illustrations, Dr. Holmes has created an authoritative, well organized, and easy to use reference guide to common malformations of the infant, which will become an invaluable tool in hospitals and neonatal clinics across the world. The text is grounded in research gathered from the Active Malformations Surveillance Program conducted since 1972 at Brigham and Women's Hospital in Boston, Massachusetts. The program began as a three year study which monitored over 18,155 births and aimed to determine the frequency of many major malformations. The study was expanded to include minor physical features and birth marks. This text includes many never-before published photographs from these studies, as well as other major research findings in this area.

This fourth edition of Huntington's Disease presents a comprehensive summary of the current knowledge of this disease, including the major scientific and clinical advances that have occurred since publication of the third edition in 2002. Completely updated and expanded, chapters in this volume are organized in five sections: · Clinical aspects of Huntington's disease, including updated chapters on historical perspectives, neurological, neuropsychiatric, and neuropsychological aspects, and new chapters on juvenile Huntington's and the premanifest and early stages · The genetics of Huntington's disease, including new information on its epidemiology discussions of new testing guidelines · Neurobiology, including recent insights into correlations between pathology and symptoms and a new chapter on neuronal circuitry · The molecular biology of Huntington's disease,

including new chapters on the normal function of huntingtin, the molecular pathogenesis of Huntington's disease and the peripheral pathology of the disorder, and an extensively updated chapter on its structural biology · An updated description of the comprehensive care for Huntington's disease, featuring a new chapter on preclinical therapeutics and a completely rewritten chapter on the state of the art of experimental therapeutics and clinical trials.

This edition of the Manual of Neonatal Care has been completely updated and extensively revised to reflect the changes in fetal, perinatal, and neonatal care that have occurred since the sixth edition. This portable text covers current and practical approaches to evaluation and management of conditions encountered in the fetus and the newborn, as practiced in high volume clinical services that include contemporary prenatal and postnatal care of infants with routine, as well as complex medical and surgical problems. Written by expert authors from the Harvard Program in Neonatology and other major neonatology programs across the United States, the manual ' s outline format gives readers rapid access to large amounts of valuable information quickly. The Children ' s Hospital Boston Neonatology Program at Harvard has grown to include 57 attending neonatologists and 18 fellows who care for more than 28,000 newborns delivered annually. The book also includes the popular appendices on topics such as common NICU medication guidelines, the effects of maternal drugs on the fetus, and the use of maternal medications during lactation. Plus, there are intubation/sedation guidelines and a guide to neonatal resuscitation on the inside covers that provide crucial information in a quick and easy format.

Chest Wall Deformities

Essential Medical Genetics

Life Histories of Genetic Disease

Genetics and Genomics in Nursing and Health Care

Handbook of Normal Physical Measurements

Fully revised for the new edition, this handbook covers all significant aspects of acute and chronic paediatrics. Areas such as neonatology, surgery, genetics and congenital malformations and child protection are covered in a user-friendly and succinct style.

Evidence-Based Practice of Critical Care, 2nd Edition, presents objective data and expert guidance on managing critically ill patients in unique question-based chapters that focus on best practices. Now thoroughly updated by Drs. Clifford S. Deutschman, Patrick J. Neligan, and nearly 200 critical-care experts, this highly regarded title remains the only book of its kind that provides a comprehensive framework for translating evidence into practice, making it a valuable resource for both residents and practitioners.

Tap into the expertise of nearly 200 critical-care experts who discuss the wide variety of clinical options in critical care, examine the relevant research, and provide recommendations based on a thorough analysis of available evidence. Think through each question in a logical, efficient manner, using a practical, consistent approach to available management options and guidelines.

Find the information you need quickly with tables that summarize the available literature and recommended clinical approaches.

Navigate a full range of challenges from routine care to complicated and special situations. Stay up to date with new issues and controversies such as the redefinition of sepsis . changing approaches to fluid administration . immune suppression in sepsis . monitoring the microcirculation . the long-term sequelae of critical illness . minimizing ventilator associated lung injury . the benefits of evidence-based medicine management guidelines . rapid response teams . and more. Benefit from all-new sections covering persistent critical illness and the role of advanced practice nurses and physician assistants in the ICU.

Judith G. Hall is a 2011 Fellow of The Royal Society of Canada. The first in a brand new series of easy-to-use guides, this book is set to become the bible for clinical consultation in genetics. It covers the process of diagnosis, investigation, management, and counselling for patients. Most of the topics fit onto a double-page spread ensuring that the book is an accessible, quick reference for the clinic or hospital consultation. Where available, diagnostic criteria for specific conditions are included as well as contact details for support groups. The book is well illustrated and has an up-to-date bibliography and glossaries of terms used in genetics and dysmorphology. The authors have used their experience to devise a practical clinical approach to many common genetic referrals, both out patient and ward based. The most common Mendelian disorders, chromosomal disorders, congenital anomalies and syndromes are all covered. In addition there are chapters on familial cancer and pregnancy-related topics such as foetal anomalies, teratogens, prenatal and pre-implantation diagnosis. The book also provides information on the less common situations, where management is particularly complex, or important genetic concepts are illustrated.

Preceded by Practical genetic counselling / Peter S. Harper. 7th ed. 2010.

Human Cytogenetics

Hereditary Hearing Loss and Its Syndromes

Texas Children's Hospital Handbook of Pediatrics and Neonatology

Huntington's Disease

Evidence-based Practice of Critical Care