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## **K8UJOC - ALVARO HAROLD**

A who's who in this challenging field brings you state-of-the-art approaches to the full range of surgical management options—including reconstructive procedures—for the pediatric and adult patient with spinal deformity. Experts discuss the course of treatment for patients in different age groups and take into consideration the extent of the curve at the time of diagnosis and during follow-up, the patient's stage of bone growth, the amount of pain and deformity associated with the condition, and the patient's willingness and ability to withstand surgery. Plus, a section on general information such as practical surgical anatomy, imaging, applied biomechanics, and instrumentation helps you approach each patient more effectively. Emphasizes technical skills and surgical decision making, including pearls, pitfalls, and illustrative case studies, offering you expert advice on technically challenging surgeries. Provides the very latest information on minimally invasive endoscopic and mini-open approaches to broaden your surgical options and minimize post-operative complications. Discusses peri-operative considerations, including anesthesia, blood loss management, bone graft and fusion enhancement, neural monitoring, and complications, keeping you prepared for any event. Presents full-color line artwork of surgical procedures as well as diagnostic and clinical photographs for superb visual guidance. Offers a consistent format throughout and a full-color design for ease of reference.

A distinguished list of contributors from some of the major international centers covers this specialty like never before. With recent advances in ultrasound technology and pharmacology the expertise required to care for a critically ill child with heart disease takes an integrated approach with a multidisciplinary team and central focus. This resource provides comprehensive discussions of pertinent cardiac issues in the ICU setting with emphasis on perioperative care.

Textbook of Surgery is a core book for medical and surgical students providing a comprehensive overview of general and speciality surgery. Each topic is written by an expert in the field. The book focuses on the principles and techniques of surgical management of common diseases. Great emphasis is placed on problem-solving to guide students and junior doctors through their surgical training. Throughout the book are numerous reproducible line drawings, tables and boxes that will prove invaluable for learning and revision. In addition there are detailed guidelines provided for surgical management. Up-to-date and ideal for medical students and junior doctors on surgical attachments and a perfect refresher for RACS and MRCS candidates. Reviews of the last edition "The textbook presents a compact and contemporary overview and is not so much a reference book as a working tome suitable for familiarization with current trends in treatment and diagnosis in these various areas. ...found this textbook very informative and a pleasure to read." ANZ Journal of Surgery Vol. 72, No. 12.

This textbook is a comprehensive guide to the field of surgery. Written for medical students, surgery residents and surgeons, in an easy to understand format, it is an invaluable resource offering practical advice on basic and new surgical diseases, options for diagnosis and treatment, and the management of complications. With contributions from recognised experts in the UK, USA and Asia, this book covers surgical-related issues of diseases in all parts of the body, with chapters on cardiology, renal and infectious diseases, obstetrics and gynaecology, and gastrointestinal conditions; emphasising the importance of trauma management and care. Also included is an introduction to the use of radiology, moving towards less invasive diagnosis and treatment with ultrasound machines. Key Features Comprehensive guide to the field of surgery covering diseases in all parts of the body Easy to understand format offers practical advice for students, residents and surgeons Includes discussion on the use of radiology for less invasive diagnosis and treatment Recognised author and editor team from the UK, USA and Asia More than 200 colour images, illustrations and charts

This book follows the concept of perceiving the entire aorta as one functional organ assuming that all individual pathologies and local interventional procedures affect the up- and downstream segments with consequences for complications and disease progression. Thus any preventive or surgical strategy must recognize the aortic disease in its entirety. The book intends to cover the full spectrum of aortic pathologies, mechanisms and functional interplay. The latest available diagnostic tools and options for surgical treatment are presented by the foremost experts in their field in state-of-the-art reviews. The reader is provided with the most current and comprehensive insight into all fundamental and clinical aspects of aortic disease. All chapters are carefully complemented with figures and illustrations.

This book offers an all-encompassing resource for reliable information on the medical management of wild birds, mammals, amphibians, and turtles. Focusing on the medical information relevant to the wildlife setting, it covers triage, emergency care, and other key considerations in handling, diagnosing, and treating wild animals. The book's population-based approach encourages practitioners to understand individual animal care within the broader context. Medical Management of Wildlife Species: A Guide for Practitioners begins with a brief summary of natural history, and introductory chapters address general topics such as pre-release conditioning, post-release monitoring, and legal issues associated with handling wildlife species. Species-specific chapters provide practical information on medical management, including the most prevalent concerns for each species and the epidemiology of infectious diseases. Provides a complete reference to handling, diagnosing, and treating wild species Covers the full range of North American wildlife Includes concepts that can be applied to species globally Emphasizes information relevant to the wildlife setting Focuses on individual medicine, firmly grounded within population medicine for a broader approach Targeted at wildlife veterinarians, veterinary clinicians that will be presented with wildlife, veterinary technicians, and wildlife rehabilitators Medical Management of Wildlife Species is a must-have addition to the bookshelf of wildlife veterinarians and any veterinarian seeing occasional wild animals, as well as wildlife biologists and researchers.

Practical guidance based on expert experience and evidence for developing management strategies for vitiligo This complete guide to vitiligo provides a full appraisal of strategy for the treatment of this autoimmune disease that affects 1-2% of the world's population. It addresses all aspects of vitiligo, covering the science, medical and surgical therapies, and the psychological evaluations and approaches based on the proper understanding of the causes and classification of a particular case. Management of vitiligo is challenging and requires a multipronged approach. Vitiligo: Medical and Surgical Management is a comprehensive, timely, state-of-the-art resource that will help those involved with affected patients better understand and treat this disease, which takes its toll on the mental wellness of those afflicted by it. It takes an evidenced-based approach to the disease's treatment; provides an overview of the surgical management; covers tissue and cellular grafting; and more. Thoroughly guides those involved in the clinical aspects of vitiligo Aids diagnosis and classification of severity Balances evidence and experience Compiled by world-leading expert editors Comprehensive in nature, Vitiligo: Medical and Surgical Management contains a strong practical element, and is a welcome go-to source for practicing dermatologists and those training to become a dermatologist.

Clinical Pancreatology Since the book Clinical Pancreatology for Practising Gastroenterologists and Surgeons was first published sixteen years ago, the knowledge and clinical management of pancreatic diseases have developed markedly. Thanks to the development of the translational research and the from bench to bedside concept, much progress from the lab has been applied to clinical practice. In addition, several highly relevant clinical trials published over the last years have resulted in the update and optimisation of clinical guidelines. A new and validated classification of severity and complications of acute pancreatitis is firmly rooted in clinical practice and has been the basis for the development of minimally invasive approaches to pancreatic necrosis. The etiopathogenic knowledge of chronic pancreatitis and other pancreatopathies, like that associated with diabetes mellitus, has developed significantly. Especially important has been the development of the field of cystic pancreatic tumours, which has been reflected in the publication of several guidelines and consensus reports over the last few years. Most research efforts have focused on pancreatic cancer, which have led and will further lead to a significant increase in the therapeutic armamentarium against this devastating disease. Finally, many newly published studies have changed the concept, causes, clinical relevance, diagnosis and treatment of exocrine pancreatic insufficiency. This new edition of Clinical Pancreatology for Practising Gastroenterologists and Surgeons has enjoyed the collaboration of the world's leading experts in each of the areas of clinical pancreatology with the aim of facilitating gastroenterologists, surgeons, oncologists, internists, nutritionists, diabetologists, paediatricians, radiologists, pathologists and other specialists in their decision making when facing patients with pancreatic diseases in their daily clinical practice. All in all, this book supplies an indispensable update of the relevant aspects of clinical pancreatology.

THE ESOPHAGUS The Esophagus investigates the anatomy, physiology, and pathology of the esophagus. This sixth edition, revised and updated throughout, also explores the diagnosis and treatment of various esophageal conditions. It includes treatment guidelines approved by the two largest gastroenterology societies, the ACG and AGA, as befits a work co-edited by two former presidents of those organizations. Advancements in diagnostics are presented, as are developments in the surgical and drug therapies. Presented in full colour, and boasting an unrivalled team of editors and contributing authors, The Esophagus Sixth Edition will find a home wherever the anatomy, physiology, and pathology of the esophagus are studied and taught. This book is accompanied by a website containing all the figures from the book in PowerPoint format. www.wiley.com/go/richter/esophagus6e Praise for the Fifth Edition: "There is absolutely no doubt that this edition of the textbook will maintain its status as the go-to reference for esophageal conditions, and will remain a highly utilized and clinically useful resource for novice and experienced physicians and surgeons alike." (Gastroenterology, 1 July 2013)

Management of Complications in Oral and Maxillofacial Surgery is a comprehensive reference that covers the minor and major complications which may occur in all facets of oral maxillofacial surgery. Each chapter covers the potential complications encountered during the routine practice of oral and maxillofacial surgery, from the most commonly encountered complications, to those less frequent and more complex with which every competent oral and maxillofacial surgeon should be familiar. Drs. Miloro and Kolokythas address possible complications in every aspect of OMS, including anesthesia, third molar surgery, implant surgery, maxillofacial trauma, orthognathic surgery, temporomandibular joint surgery, cleft lip and palate surgery, head and neck oncologic surgery, soft and hard tissue reconstruction, free tissue transfer, and cosmetic facial surgery. The contributors to this textbook, recognized experts in their specific topic due to their surgical experience and expertise, focus on the prompt recognition of each complication, and consider preventative measures as well as precise management strategies considering the already compromised clinical circumstances.

The ability to read a paper, judge its quality, the importance of its results, and make a decision about whether to change practice based on the information given, is a core skill for all doctors. To be able to do this quickly and efficiently is, without a doubt, a skill needed by all time-pressured emergency doctors and one which is tested in the Fellowship of the College of Emergency Medicine (FCEM) examination. Critical Appraisal for FCEM is the essential revision source for all those who want to pass the critical appraisal section of this exam. It is also required reading for those who want to incorporate evidence-based medicine into their everyday clinical practice. Features: Helps you become truly competent in critical appraisal Provides information in "Spod's Corner," which helps you reach the next level and excel Prepares you for the Critical Topic Review Contains two fictional practice papers to test and practise your knowledge With its relaxed conversational style—yet crammed with essential information, key tips, and advice—this book is indispensable for all those wanting to achieve success in their FCEM and MCEM examinations.

This textbook provides a succinct overview of cardiac surgery, with key concepts being emphasized throughout. An abundance of illustrations, intra-

operative photographs, tables as well as information boxes, aids the reader to visualise, grasp and retain difficult concepts. The inclusion of evidence-based approaches to the management of a range of cardiac surgical conditions equips the reader with an understanding of how to overcome a variety of potentially tough clinical challenges. Concise Cardiac Surgery: A Complete Guide comprehensively covers a range of techniques used in cardiac surgery. It is therefore, an ideal resource for the trainee and practising cardiac surgeon seeking a practically focused text detailing how to apply the latest techniques and evidence-based approaches in their day-to-day practice.

This book is a comprehensive journey through the pathogenesis and treatment of meniscal pathology. It details the elements that are necessary to properly understand, diagnose, and treat meniscal tears, ranging from vertical tears to radial tears and root avulsions. Treatment techniques are thoroughly described and illustrated, with presentation of the latest evidence on outcomes. The algorithmic treatment of meniscal tears has undergone a rapid transformation. We have progressed from the initial treatments involving removal of the meniscus using an open technique, to the performance of partial meniscectomies and complex meniscal repairs by means of an arthroscopic technique. The current treatment goal is to maintain the biology and mechanical integrity of this vital knee structure, an aim too often disregarded by past generations of surgeons. An explosion of new knowledge, coupled with advances in arthroscopic and surgical technology, has paved the way for wider application of approaches that help to preserve the meniscus, in the hope of preventing or delaying the development of knee arthritis. This book will have utility for all clinicians who treat meniscal lesions and will serve as a valuable resource for years to come.

This is the second edition of a well-received textbook that reflects the state of the art in Hypospadias Surgery. It provides a comprehensive reference that covers the History, Embryology, Anatomy, Morphology, Pathogenesis, Epidemiology, Genetics, all surgical techniques, their complications and long term follow up of Hypospadias. It is well illustrated with more than 2000 colour illustrations, operative photographs, surgical tips & tricks and complications. Hypospadias Surgery has become a true sub-specialty; however, there is a wide diversity of opinions, and a large number of operations have been described. In this unique volume, a team of world-class authors (42 experts from 19 countries) presents a professional and updated global overview on the management of this condition, highlighting and exploring the current philosophy and the different principles and techniques of hypospadias repair. Pediatric Urologists, Pediatric Surgeons, Plastic Surgeons and Urologists will benefit from reading this Second Edition. This book represents an excellent practical guide not only to surgeons in training, but also to more expert surgeons involved in the management of this common, but troublesome condition. "Surgeons should not operate on a patient with hypospadias unless they have read, marked, learnt and inwardly digested every word in every chapter in this book". (review of the first edition in the European Journal of Plastic Surgery, 2004)

This practical handbook delivers complete, to-the-point, evidence-based guidance on the preoperative, perioperative, and post-operative medical care of surgical patients. Each chapter focuses on a particular area of clinical concern, with concise presentations of pathophysiology, assessment and management options, the latest drug treatment information, and essential information on risk stratification and quality improvement. The result is an invaluable source on the management of surgical patients with co-existing medical problems that may be affected by surgery, as well as how to approach medical complications that may occur during or following surgical procedures. Comprehensive discussions at the beginning of each chapter emphasize consultation in surgical patient management. A concise, bulleted format lets you absorb key information at a glance. Extensively updated chapters. Easy-to-read tables present key information on each disorder, including classification, causes, risk factors and indexes, drug treatment information, mortality rates, laboratory findings, and postoperative complications. Recommendations accompanied by an assessment of the quality of supportive evidence, including randomized controlled trials, population based reviews, and consensus guidelines. A topical index takes you immediately to the answers you need. A new, smaller design makes the book easy to carry with you anywhere.

This comprehensive guide thoroughly covers the characteristics and presentations of childhood glaucoma, as well as all surgical options for treatment. Surgical Management of Childhood Glaucoma: Clinical Considerations and Techniques addresses a variety of surgical methods, ranging from angle surgery with recent modifications to cyclodestruction, reviewing each option's particular set of advantages and disadvantages, and features illustrations and instructional videos of these techniques. Later chapters consider best-practices to providing surgery in developing countries, surgical considerations for patients with corneal opacities and cataracts, and the impact of glaucoma upon quality of life of pediatric patients. Written by leaders in the field of ophthalmology, this book offers readers an exceptional resource on the evaluation and surgical management of childhood glaucoma.

This is an open access book with CC BY 4.0 license. This comprehensive open access textbook provides a comprehensive coverage of principles and practice of oral and maxillofacial surgery. With a range of topics starting from routine dentoalveolar surgery to advanced and complex surgical procedures, this volume is a meaningful combination of text and illustrations including clinical photos, radiographs, and videos. It provides guidance on evidence-based practices in context to existing protocols, guidelines and recommendations to help readers deal with most clinical scenarios in their daily surgical work. This multidisciplinary textbook is meant for postgraduate trainees, young practicing oral surgeons and experienced clinicians, as well as those preparing for university and board certification exams. It also aids in decision-making, the implementation of treatment plans and the management of complications that may arise. This book is an initiative of Association of Oral and Maxillofacial Surgeons of India (AOMSI) to its commitment to academic medicine. As part of this commitment, this textbook is in open access to help ensure widest possible dissemination to readers across the world. ; Open access Unique presentation with contents divided into color-coded core competency gradations Covers all aspects of oral and maxillofacial surgery Supplemented with videos of all commonly carried out procedures as operative video Every chapter or topic concludes with "future perspective" and addresses cutting edge advances in each area Every topic has a pull out box that provides the most relevant systematic reviews/ key articles to every topic.

Offering the perspective of seasoned surgeons who have seen, thought about, and worked through the common and uncommon problems that can arise in aesthetic breast surgery, this book serves as a reference to guide surgeons through the steps of understanding, potentially avoiding, and then treating these issues. Managing Common and Uncommon Complications of Aesthetic Breast Surgery is methodical in its approach, beginning with key relevant highlight of embryology and anatomy of the breast and continuing into common problems in breast surgery, implant-related surgery, breast lifts and reductions. A variety of pitfalls are also explored from rupture, capsular contracture, and implant malposition to the rare and uncommon sur-

face-texture related lymphoma. Every process is explored in depth with carefully crafted, practical, and experientially tested solutions proposed. Featuring real patient photos, detailed tables, and high definition videos for supplemental learning, this text is a one-stop reference to help surgeons understand, manage, and treat complications in aesthetic breast surgery both common and uncommon.

The Pocket Book is for use by doctors nurses and other health workers who are responsible for the care of young children at the first level referral hospitals. This second edition is based on evidence from several WHO updated and published clinical guidelines. It is for use in both inpatient and outpatient care in small hospitals with basic laboratory facilities and essential medicines. In some settings these guidelines can be used in any facilities where sick children are admitted for inpatient care. The Pocket Book is one of a series of documents and tools that support the Integrated Managem.

Master all the relevant anatomy, surgical procedures, and workup needed for residency, and learn to manage the difficult cases encountered by experienced surgeons. Get expert guidance on preoperative evaluation, surgical anatomy, intraoperative techniques, and postoperative management for a full range of malignant and benign disorders of the thyroid and parathyroid glands. Review cutting-edge topics such as recurrent laryngeal nerve monitoring, minimally invasive surgery, management of RLN paralysis, radio-guided parathyroid surgery, and much more. Access Surgery of the Thyroid and Parathyroid Glands online at [www.expertconsult.com](http://www.expertconsult.com), search the full text, and download all of the images. View procedural videos online covering minimally invasive thyroid surgery, surgical anatomy and monitoring of the recurrent laryngeal nerve, surgery for locally advanced thyroid cancer and nodal disease, and more. Gain perspective on the full continuum of care. International authorship incorporates new research and directions in the specialty, with chapters written by leading otolaryngologists, general surgeons, pathologists, and endocrinologists. See how to proceed more clearly with re-drawn graphs, charts, new full-color clinical images, and detailed procedural line drawings from respected illustrator Robert Galla. Comprehensive surgical textbook on the diagnosis and management of benign and malignant disease of the thyroid and parathyroid glands

An innovative guide to the practice of pelvic exenterative surgery for the management of advanced pelvic neoplasms Exenterative surgery plays an important role in the management of advanced pelvic cancer. However, while a large body of evidence regarding outcomes following pelvic exenteration now exists, practical strategies and management options remain unclear. Surgical Management of Advanced Pelvic Cancer addresses this problem by assembling world-leaders in the field to provide insights into the latest techniques and best practices. It includes detailed coverage of: Surgical anatomy Operative approaches and exenterative techniques Reconstruction options Current evidence on survival and quality of life outcomes Featuring essential information for those managing patients with advanced pelvic neoplasms, Surgical Management of Advanced Pelvic Cancer consolidates the latest data and practical advice in one indispensable guide.

Surgical Treatment of Hip Arthritis: Reconstruction, Replacement, and Revision, by William J. Hozack, MD, is a state-of-the-art reference that addresses the challenging issues you face in this rapidly growing segment of orthopaedic practice. Inside, you'll find top surgical management strategies for all types of hip arthroplasty presented by leaders from around the world, along with discussions of possible complications, risks and benefits to specific patient populations, and more. Best of all, this resource also offers access to a companion website where you will find the full text of the book, completely searchable. Includes online access to the full text at [expertconsult.com](http://expertconsult.com) for convenient anytime, anywhere reference. Presents state-of-the-art surgical management strategies for hip arthritis—from reconstruction to replacement to revision—by experts worldwide, for comprehensive guidance in one convenient resource. Offers current information on computer-assisted navigation techniques and minimally invasive techniques, to equip you with the latest surgical options. Provides extensive discussions of the management of a full range of complications to help you overcome the challenges you'll face. Addresses the rationale for and management of revision surgery, given specific patient problems and intraoperative issues, enabling you to make the best informed surgical decisions. Presents more than 600 illustrations, including original line art, radiologic images, and full-color intraoperative photos, that show you exactly what to look for and how to proceed.

This book covers all essential evidence on perioperative care and anesthetic concerns for cancer surgeries, including the evaluation and assessment of patients' schedule for cancer surgeries, perioperative anesthetic management of various cancers, perioperative analgesia for cancer surgeries, and issues related to inoperable cancers. It reviews anesthetic considerations of all cancer types as there is a wide variation in anesthetic requirements in this subset of patients. Cancer surgeries are on the rise worldwide and healthcare facilities with cancer as a core specialty are emerging quickly around the globe. As cancer is on rise and efficient surgical management is available, more and more patients are being treated surgically. However, cancer surgeries are complicated, have varied concerns and these are not covered sufficiently in presently available textbooks of anesthesiology. This book fulfills the growing need for complete and comprehensive textbook of onco-anesthesia and fills the gap in the current texts that do not exclusively cover anesthesia for cancer surgeries. This textbook serves as a comprehensive but quick guide for trainee residents/fellows and practicing anesthesiologists, clinicians and surgeons.

Apply the most current and up-to-date surgical thinking on aesthetic surgery of the breast to your practice. Hundreds of color illustrations and photographs show you how to perform new and innovative techniques for surgically and artistically augmenting, reshaping, lifting, and reducing the breast. Get expert guidance on all aspects of patient care from evaluation systems for management to a comprehensive strategy for choosing a breast implant to best fit a particular patient. Plus, the DVD of video clips narrated by Dr. Hammond gives you unparalleled insight into the technique of some of today's most successful practitioners. Offers concise, how-to-do-it guidance from a respected author so you can master today's most popular aesthetic procedures. Features hundreds of color photographs that depict which candidates are suitable for each procedure and the results of surgery. Shows anatomy and techniques in superb detail through more than one hundred original surgical illustrations. Includes operations-such as SPAIR mastopexy, vertical breast reduction, gynecmastia excision, and more-performed in real time and narrated by Dr. Hammond on the bonus DVD.

Pediatric cardiac surgery is a dynamic, fast-moving field. Busy practitioners, like you, need clear and comprehensive guidance you can rely on to ensure optimal patient care. For over 25 years Pediatric Cardiac Surgery has been the gold-standard reference for pediatric and adult congenital heart surgeons, pediatric and congenital cardiologists, intensivists, anesthesiologists, residents and nurses. Now, in this thoroughly revised fourth edition, you again get trusted, complete coverage of the field with timely new features and expert reviews of critical topics including heart transplantation, emerging modalities for diagnosing congenital heart and tracheal defects, the surgical technique of Fontan conversion with arrhythmia surgery, the

medical challenges of managing adult CHD patients, and more. This new edition includes: Contributions from over 65 world-renowned experts More beautiful illustrations, by renowned medical illustrator Rachid Idriss, which have brought acclaim to previous editions Reviews of the embryology, physical findings, diagnostic criteria, and therapeutic choices for each disease entity and describes the latest in surgical techniques in each chapter All-new chapters that guide readers through new treatment options and other key developments since the publication of the third edition highlighting recent advances in congenital heart surgery. All-new new chapters that review advances in right ventricular to pulmonary artery conduits, arrhythmia surgery, double outlet ventricles, and adult congenital heart disease, among other key topics.

**PEDIATRIC CARDIAC SURGERY** Explore the leading textbook of pediatric cardiac surgery in this easy-to-read and beautifully illustrated volume The field of pediatric cardiovascular surgery includes not only heart surgery for infants and children, but also adult heart surgery to correct congenital heart defects which have been present since birth. As infant mortality from heart defects declines and patients with congenital heart defects live increasingly long and healthy lives, new challenges emerge and as such, the need for introductions to this life-saving field has never been greater. For more than thirty years, Pediatric Cardiac Surgery has met this need with an accessible, comprehensive textbook used by professionals at every level of the field. Featuring full color illustrations, this book offers an introduction to the science of cardiovascular development before moving to detailed analysis of defects in different areas of the heart and their corrective procedures. This updated fifth edition incorporates the latest science to remain the indispensable work on this subject. In Pediatric Cardiac Surgery, 5th edition readers will also find: Contributions from over 75 national and international experts in the field Stunning anatomical illustrations by Rachid Idriss New chapters reflecting cutting-edge research, as well as new material throughout pertaining to cardiac imaging and medical education Pediatric Cardiac Surgery is essential for pediatric and adult cardiac surgeons, cardiologists, and all medical professionals working with pediatric or adult cardiovascular patients.

An updated and revised resource to evidence-based urology information and a guide for clinical practice The revised and updated second edition of Evidence-Based Urology offers the most current information on the suitability of both medical and surgical treatment options for a broad spectrum of urological conditions based on the best evidence available. The text covers each of the main urologic areas in specific sections such as general urology, oncology, female urology, trauma/reconstruction, pediatric urology, etc. All the evidence presented is rated for quality using the respected GRADE framework. Throughout the text, the authors highlight the most patient-important, clinical questions likely to be encountered by urologists in day-to-day practice. A key title in the "Evidence-Based" series, this revised and expanded edition of Evidence-Based Urology contains new chapters on a variety of topics including: quality improvement, seminoma, nonseminomatous germ cell tumor, penile cancer, medical prophylaxis, vesicoureteral reflux disease, cryptorchidism, prenatal hydronephrosis, and myelodysplasia. This updated resource: Offers a guide that centers on 100% evidence approach to medical and surgical approaches Provides practical recommendations for the care of individual patients Includes nine new chapters on the most recently trending topics Contains information for effective patient management regimes that are supported by evidence Puts the focus on the most important patient and clinical questions that are commonly encountered in day-to-day practice Written for urologists of all levels of practice, Evidence-Based Urology offers an invaluable treasure-trove of evidence-based information that is distilled into guidance for clinical practice.

This book provides a unique visual and comprehensive approach to intra-operative technical errors and covers identification, consequences, repair and prevention of those errors. Detailed analyses of all reported complications for more than 80 major operations help you minimize the risk of errors in surgical procedures ranging from general, thoracic, vascular, and pediatric...to colorectal, endocrine, breast and trauma. A practical approach provides you with the essential guidance you need to make the best clinical decisions. Offers in-depth guidance on the prevention, management, and consequences of complications and pitfalls that occur before, during, and after surgery-all in one convenient resource. Organizes sections according to area of surgery for fast reference. Features a templated outline for specific procedures, allowing you to quickly review the associated pitfalls. Presents over 800 illustrations-including full-color intraoperative and postoperative photos-which enable you to follow the progression of a surgery and watch out for "problem areas," while color line drawings help you visualize complex procedures.

This book has been written to keep in mind the needs of Nurses. The book provides an Indispensable and self-concised reference. It covers all major areas of Medical Surgical Nursing. The Medical Surgical Nursing is a special branch of nursing which is closely related to comprehensive care for adult patients. This book is helpful to provide a comprehensive knowledge of disease conditions and their management for nurses. This book contains a material to upgrade the skills in Medical Surgical field of health sciences.

Recent dramatic advances in diagnosis, as well as medical and surgical treatment, mean that you can offer your glaucoma patients more timely and effective interventions. This brand-new clinical reference delivers the comprehensive, expert guidance you need to make optimal use of these new approaches.online, in print, and on video on DVD! Get in-depth guidance on all aspects of adult and pediatric glaucoma with one volume devoted to diagnosis and medical treatment, and another that focuses on surgical techniques. Presents world-class expertise through advice from leading specialists across six continents. Captures key diagnostic findings and operative procedures with 1,200 high-quality images and photographs-1,000 in full color-that highlight nuances of glaucoma presentation and treatment. Covers all aspects of adult and pediatric glaucoma in Volume One, and the latest diagnostic imaging techniques including ultrasound biomicroscopy and optical coherence tomography. Guides you through the newest surgical techniques-such as trabeculectomy, gonio-surgery, combined surgeries, and implant procedures-in Volume Two. Features an entire section devoted to new horizons, including the latest in stem cell research, gene transfer, and implants. Allows quick reference thanks to a well-organized, user-friendly full-color layout. Provides access to the contents of the book online, with regular updates, downloadable images, Gold Standard drug information, and more. Includes a DVD that features 25 diagnostic and surgical techniques being performed in real time on video. Your purchase entitles you to access the web site until the next edition is published, or until the current edition is no longer offered for sale by Elsevier, whichever occurs first. If the next edition is published less than one year after your purchase, you will be entitled to online access for one year from your date of purchase. Elsevier reserves the right to offer a suitable replacement product (such as a downloadable or CD-ROM-based electronic version) should online access to the web site be discontinued.

As minimally invasive surgical techniques evolve, the outlook for patients continues to brighten. This is also true for pregnant women experiencing conditions requiring surgical intervention during gestation. A physician's ability to identify potential risk factors in pregnant patients that present pre-

op directly corresponds with their success in monitoring patients in post-op for adverse obstetric outcomes from non-obstetric surgeries. The utilization of laparoscopic techniques during surgery for pregnant patients has decreased the risk of fetal complications and increased the positive outlook for the duration of the pregnancy. This text is designed to present a minimally invasive approach to surgery that is non-obstetrics related and to educate readers on the potential risk factors and negative outcomes on pregnant patients following non-obstetric surgery. The various sections of this book will address issues faced by surgeons who undertake the task of operating on the pregnant patient. When performing non-obstetric surgery on a pregnant patient the ability to identify possible risk factors for adverse obstetric outcomes is important. Risk factors can be maternal-, surgical-, obstetrical-, or disease-associated. Common adverse obstetric outcomes following non-obstetric surgery include preterm delivery, preterm labor without preterm delivery, and miscarriage. Fetal well-being is an additional risk-benefit factor to be considered when weighing options before conducting non-obstetric surgeries on pregnant patients. This book will provide physicians with the knowledge and tools to identify common risk factors and successfully apply evidence-based risk reduction. To date, no comprehensive resource is available for non-obstetric surgery during pregnancy. Types of pregnancies, potential complications, proper use of anesthesia, types of risk factors (maternal-, surgical-, obstetrical-, and disease-associated), etc. will be thoroughly explained and depicted within these pages. All chapters will be written by subject matter experts in their fields. All information communicated will be comprised of the most currently available knowledge

This is a stunning new hybrid textbook that has evolved as a direct response to the increasing integration of the two disciplines of medicine and surgery in today's medical curricula. The advantage of this combined approach is it reduces the amount of reading by the elimination of repetition (and inconsistencies) to provide an integrated explanation of the common problems faced both by students during exams and clinicians in daily practice. This book's greatest asset is the ability to illustrate that medical and surgical treatment options are actually part of a continuum in the management of disease. An integrated textbook combining the two major clinical specialties of general medicine and general surgery. Written and edited by a team of physicians and surgeons supported by a team of specialist subject advisors. Puts medicine and surgery in the context of the continuum of disease management and outlines a comprehensive and structured approach to patient management. Adopts a current evidence-based approach with extensive use of national and international guidelines. A full colour textbook with innovative design features and illustrations.

Ideal for neurosurgeons, pediatric neurosurgeons, and orthopedic surgeons, Surgery of the Pediatric Spine is a comprehensive multidisciplinary reference for the surgical management of the most frequently encountered spine problems in the pediatric patient. An overview of developmental and clinical aspects provides essential information on biomechanics, neuroimaging, preoperative evaluation, anesthesia, and neurophysiological monitoring. The book goes on to present the surgical anatomy and various approaches to the spine and spinal cord. Chapters are grouped into easy-to-reference sections that are organized by type of problem, including congenital anomalies and developmental disorders; neoplasms; vascular malformations; inflammatory and infectious diseases; neuromuscular disease; trauma; and deformities. The book also presents special techniques for the treatment of spinal deformity, such as osteotomy, vertebrectomy, VEPTR expansion thoracoplasty, and fusionless techniques. A chapter devoted to the rehabilitation of children with spinal cord injury covers the principles and key concepts in treatment, as well as the possible secondary complications and challenges that are unique to pediatric patients. Highlights: Clinical insights from well-known experts in the fields of neurosurgery, pediatric neurosurgery, and orthopedics Detailed information for each stage of management guides the reader through clinical presentation, diagnostic studies, indications, operative techniques, nonsurgical treatments, possible complications, and outcomes More than 1,000 illustrations and images demonstrate key concepts Numerous cases in selected chapters illustrate management principles and treatment outcomes An invaluable resource for multidisciplinary approaches to patient care, this comprehensive text provides readers with a solid foundation in the specific issues associated with treating the pediatric patient with spine disease and disorders.

The second, fully updated edition of this book applies and contextualizes up-to-date information on pediatric surgery for low and middle-income countries (LMICs). The book is organized in general anatomic and thematic sections within pediatric surgery, such as urology, oncology, orthopedics and gastroenterology and includes chapters addressing the unique challenges and approaches for pediatric surgery in low-resource settings. Each chapter has dual authorship LMIC author providing context-specific insights and authors from high-income countries (HICs) contributing experience from well-resourced settings. Written in a reader-friendly format, this book has a uniform structure in each chapter, with introduction, demographics, etiology, pathophysiology, clinical presentations, investigations, management, outcome, prevention, ethics, evidence-based surgery and references. This comprehensive volume fills the gap between up-to-date pediatric surgical scholarship and knowledge developed and applied in HICs, and the practical needs of practitioners in low-resource settings. This is an indispensable guide for postgraduate surgical trainees in Africa and other LMICs as well as general surgeons practicing in Africa and other LMICs, who need to care surgically for children.

Written by experts from London's renowned Royal Free Hospital, Textbook of Plastic and Reconstructive Surgery offers a comprehensive overview of the vast topic of reconstructive plastic surgery and its various subspecialties for introductory plastic surgery and surgical science courses. The book comprises five sections covering the fundamental principles of plastic surgery, cancer, burns and trauma, paediatric plastic surgery and aesthetic surgery, and covers the breadth of knowledge that students need to further their career in this exciting field. Additional coverage of areas in which reconstructive surgery techniques are called upon includes abdominal wall reconstruction, ear reconstruction and genital reconstruction. A chapter on aesthetic surgery includes facial aesthetic surgery and blepharoplasty, aesthetic breast surgery, body contouring and the evolution of hair transplantation. The broad scope of this volume and attention to often neglected specialisms such as military plastic surgery make this a unique contribution to the field. Heavily illustrated throughout, Textbook of Plastic and Reconstructive Surgery is essential reading for anyone interested in furthering their knowledge of this exciting field. This book was produced as part of JISC's Institution as e-Textbook Publisher project. Find out more at <https://www.jisc.ac.uk/rd/projects/institution-as-e-textbook-publisher>

This comprehensive text is the most current and definitive source for information related to the care of adult and pediatric patients with spondylolisthesis. It contains a complete analysis of this common, yet intricate spinal condition, including basic science, diagnosis, non-surgical management, surgical techniques (including minimally invasive options) and outcomes. The management of the various types of spondylolisthesis requires a thorough understanding of both fundamental principles and subtle nuances, which are highlighted here in three sections. Part I details the basic principles, diag-

nosis and non-surgical management of spondylolisthesis, including imaging and classification. Part II covers surgical management, including a step-by-step discussion of strategies, techniques and tips that are necessary to apply standard procedures to this specific disorder. Procedures that are covered include decompression, spinal fusion from various approaches, and the latest minimally invasive techniques. Part III discusses the outcomes and complications of surgical treatment. Written and edited by top clinicians in the field, this book will be an invaluable resource for orthopedic and neurological spine surgeons, rehabilitation physicians, residents, fellows, and any caregiver who treats the spine.

This atlas provides comprehensive, step-by-step guidance on surgical management of the cleft lip, alveolus, and palate. In particular, it demonstrates how an anatomical approach to management provides a sound basis for dealing with the many variations in cleft type. The displaced anatomical borders and landmarks, as well as the functional and aesthetic units, are fully described. The art of dissecting them from their abnormal position is illustrated, and their reconstruction into a normal and functional shape is meticulously explained. The main treatment philosophy underlying the described approach is that children born with cleft deformity should be "cleftless" by the time they enter the first grade of primary school. They must have normal speech. They should not have a fistula or residual cleft in the palate and/or the alveolus. And they should have a normal face so that they can confront the challenges of life without cleft stigmata. Both novice and more experienced surgeons will find this atlas to be a valuable aid to optimal treatment.

Comprehensive Vascular and Endovascular Surgery, 2nd Edition, edited by John W. Hallett, Jr., MD, FACS, Joseph L. Mills, MD, Jonathan Earnshaw, DM, FRCS, Jim A. Reekers, MD, PhD, and Thom Rooke, MD delivers in-depth, clinically focused coverage of all aspects of vascular surgery in an exceptionally well-designed single reference. Each disease chapter follows the same consistent format, for quick consultation and better comprehension. The re-

vised 2nd Edition features several new chapters, increased endovascular treatment coverage, and updated data from the latest trials...bringing you the newest advances from the field. More than 1,000 photographs, line drawings and tables-including many revised illustrations now in color-depict key concepts and procedures. With its practical user friendly approach-and online access through Expert Consult functionality-this resource offers convenient access to complete guidance. Presents the work of a team of nearly 80 internationally respected vascular surgeons and interventional radiologists who focus on the issues and challenges you face in everyday practice. Uses a highly structured, templated format in each chapter to quickly and consistently deliver information on basic science, clinical presentation, non-invasive testing, medical management, surgical management, complications, outcome, and follow up-making information easy to access and understand. Includes Key Points boxes in every chapter that allow for quick reference and efficient study. Features over 1,000 photographs, line drawings, charts and tables that make important information easy to comprehend. Integrates clinical information with basic science making the material relevant to everyday practice. Covers treatment and interventions from an evidence-based perspective, whenever possible. Provides short, clinical vignettes in the same style as those found on oral exams. Provides online access to the text via expertconsult.com where you can perform quick searches of the complete contents, download all of the images, further your study with bonus review and self assessment questions, and follow links to PubMed abstracts for convenient consultation wherever and when you need it most. Offers new chapters on vascular diagnosis, graft infections, aortic dissection, and visceral aneurysms for greater coverage of the field. Includes a significant increase in endovascular treatment coverage in many of the chapters, reflecting the growing need for experience in these procedures. Presents current data from DREAM and EVAR 1 and 2 trials. Features a revised artwork program-including many revised illustrations and former black and white images now in color-for an enhanced visual understanding of concepts. Includes bonus review and self assessment questions accompany the online version.