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VOLUME III, EDIÇÃO X

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BAKER, D. M. Stroke prevention in clinical practice. London: Springer, 2008.

Comprised of short chapters written in a succinct and bulleted style, with clear diagrams and figures to illustrate where appropriate, Stroke Prevention in Clinical Practice is ideal for the busy doctor looking for a comprehensive pocket-sized guide to the everyday management of transient ischaemic attacks (TIAs) and strokes. Strokes are the major cause of disability in the UK, and also the third biggest killer, but awareness and active intervention can prevent the dangers of strokes especially in high-risk groups. By starting with an explanation of TIAs, which so often preceed strokes, this work aims to make more physicians aware of the treatment regimens necessary to manage TIAs. It is vital to be aware of the early signs of TIAs, and be able to recognise them as soon as possible since a considerable amount of stroke prevention treatment stems from knowing the warning signs and taking action. This book discusses how to accurately diagnose the leading causes of strokes, and offers comprehensive treatment advice to avoid future recurrences, with all chapters written by leading experts in the field.



BANKIER, A. A. *Imaging in transplantation*. Berlin, Heidelberg: Springer, 2008.

This book covers all topics related to the imaging of organ transplantation. An introductory section addresses such issues as organ procurement, patient selection, immune responses, and ethical and economic considerations. The main part of the book then offers in-depth coverage of heart, renal, liver, lung, bone marrow and pancreatic and intestinal transplantation. Each of these topics is discussed firstly in a clinical chapter and then in a radiological chapter. The clinical chapters detail the epidemiology, clinical background, and surgical procedures, as well as any clinically relevant issues of which the radiologist should be aware. The radiological chapters describe and depict the imaging manifestations of specific organ transplantations, document the normal radiological appearance of transplanted organs and consider both early and late complications. This is a unique, superbly illustrated volume that will be of great assistance to all who work in this field.



BECKER, M. D. Surgical management of inflammatory eye disease. Berlin, Heidelberg: Springer, 2008.

Ocular inflammation presents a broad spectrum of clinical manifestations. Inflammatory activity can often be managed by drug therapy. However, inadequate medical therapy may permit the development of various complications in the eye that cannot be sufficiently treated pharmacologically. Whereas drug management demands an interdisciplinary approach with welltrained specialists, surgical treatment of ocular complications due to inflammation requires an experienced surgeon. This book offers evidence-based information and a step-by-step guide on all relevant surgical procedures, which is otherwise rare to find. Internationally renowned experts in the field provide answers to questions such as: What is the spectrum of clinical manifestations of inflammatory complications? When is medical therapy no longer helpful? What are the absolute, relative indications, and contraindications for defined surgical procedures in this field? What are the preferred surgical instruments and machines for these procedures? How can postoperative complications be avoided? How can drugs support the success of a surgical procedure?

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ties, and in particular MRI.

BERTOLOTTO, M. Color doppler US of the 🏰 penis. Berlin, Heidelberg: Springer, 2008.



ve reference and practical guide on the application of US to penile diseases and conditions. After introductory chapters on technical requirements and penile anatomy, subsequent chapters offer a systematic overview of the diverse applications of color doppler US. The topics covered include erectile dysfunction, Peyronie's disease, priapism, trauma, tumors, the postoperative penis, inflammation, and fibrosis. Each topic is introduced by a clinical overview with the purpose of clarifying the problems and elucidating what the urologist may expect from color Doppler US. Thereafter, performance of the US study is explained and the pathological anatomy reviewed. Highquality images obtained with highend US equipment are included. Each chapter also contains a section on the diagnostic information provided by other imaging modali-



Live BILBAO, J I. Liver radio-Radioembolizatio embolization with 90Y microspheres. Berlin, Heidelberg: Springer,

This book provides an in-depth account of all aspects of radioembolization, a relatively novel technique based on the efficacy of radiotherapy for the treatment of liver tumors. In the past, the therapeutic radiation dose needed to treat a tumoral area has been sufficiently high to produce permanent damage to the nontumoral liver parenchyma. Radioembolization attempts to overcome this problem by combining embolization (intravascular deployment of particles) and brachytherapy (local administration of radiotherapy with the aid of a device, namely the particles themselves). The technique is based on improvements in percutaneous endovascular procedures which have allowed the deployment of small (25-35 µm) microspheres loaded with yttrium-90 that deliver high doses of beta-radiation specifically to the tumoral area. Performance of the procedure demands close familiarity with the hepatic vascular anatomy in order to ensure avoidance of vessels going to other territories. Furthermore, detailed knowledge of liver function, tumor volume, and liver vascular shunting is needed in order to calculate the appropriate therapeutic dose in each particular case. All of these topics are addressed in depth in this book, and initial clinical results are presented, showing that constant local control can be achieved with a reasonably low rate of complications. These promising results may lead to a progressive change in the therapeutic indication for radioembolization, and in some cases it could even become the therapy of choice.



BLAKELEY, S. Renal failure and replacement therapies. London: Springer, 2008.

Competency based critical care: renal increased recognition of the overlap between critical care and renal medicine, and recent advances in the understanding of acute renal failure and the application of renal replacement therapies, have brought increased attention to the nephrologist's role in the intensive care unit. This book covers all aspects of the renal system as seen from this perspective, including causes and management of acute kidney injury, end-stage kidney disease and renal replacement therapies. The volume is written to provide an approach for the resident in nephrology, and recent advances are highlighted in the text, also making this text a useful reference to those already established within the field of critical care. Key features include: - concise and complete book for the learning resident; - multidisciplinary relevance, offering clear ex-

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planations of each department and discipline's role in the overall treatment process, making focused and contextual reading easier; - accessible format making the process of self-directed learning as user friendly as possible; - up-to-date chapters written and edited by expert practitioners in the field, to complete a contemporary text that will be of use to trainees and specialists alike.

US. Contributors discuss geographical variations in treatment for each type of tumor. Excellent full-colour pictures and detailed line drawings illustrate all aspects of managing childhood tumors, including technical details of operation which are often neglected in other texts. This comprehensive book provides a contemporary approach for pediatric, general and urological surgeons dealing with childhood tumors. New chapters in this second edition provide the latest developments and strategies in pediatric surgical oncology.



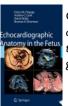
CARACHI, R. The surgery of childhood tumors. 2nd ed. Berlin, Heidelberg: Springer, 2008.

Beginning with the scientific basis of tumors, 'The surgery of childhood tumors' provides up-to-date information on epidemiology, cytogenetics and molecular biology, before looking at current treatments, integrating surgery, neoadjuvant and adjuvant chemotherapy and radiation therapy. Additionally, a chapter on counseling reflects the book's holistic approach to treating children with cancer. The chapters are written by world-renowned international authorities on pediatric cancer from major children's cancer groups in the UK, Europe and the



CEFARO, G. A. A guide for delineation of lymph nodal clinical target volume in radiation therapy. Berlin, Heidelberg: Springer, 2008.

Não consta resumo.



CHIAPPA, E. M. Echocardiographic anatomy in the fetus. Milano: Springer, 2008.

Whether in fetal or postnatal life, echocardiographic diagnosis is based on moving images. With recent advances in ultrasound systems, storing multiple digital frames and clips with superb image quality has become a reality. These advances have brought innovative applications into the clinical field and can be integrated into powerful multimedia presentations for teaching purposes. Sections of cardiac specimens are usually compared with corresponding sections in echocardiography textbooks. These sections are mainly obtained from isolated hearts, due to ease and speed of acquisition. Nevertheless, sections of the whole body are a better tool with which to understand the relationship between cardiac and extracardiac structures. This understanding is particularly important in fetal echocardiography, where the number of visible structures around the heart is much greater and the approaches to the fetal thorax are more variable. The DVD accompanying the book presents morphological images from tomographic sections of the whole fetal body, as well as highquality dynamic echocardiographic images of normal fetuses and of some of the most common conge-

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nital heart defects. The extraordinary amount of information provided in this work makes this publication a highly useful resource for obstetricians, sonographers, and pediatric cardiologists.



COUTURE, A. Gastrointestinal tract sono-Sonography graphy in fetuses and Fetuses and Children Children. Berlin, Heidelberg: Springer, 2008.

Back cover text Sonography of the gastrointestinal tract in fetuses, neonates and children entails no known biological risk, permits serial scanning and can provide information unobtainable with any other imaging modality. In experienced hands it can be used as the initial imaging technique in a number of gastrointestinal diseases and conditions. This book provides a comprehensive account of the current state of the art regarding sonography in this context. An introductory chapter compares the merits of sonography and magnetic resonance imaging of the fetal gastrointestinal tract. Subsequent chapters focus on the technique, pitfalls and findings in a wide variety of applications, including

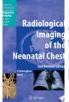
antropyloric diseases, bowel obstruction, bowel wall thickening, colitis, appendicitis, some types of intussusception, abdominal wall and umbilical abnormalities, intraperitoneal tumors, and trauma. In each case the sonographic morphology is considered in depth with the aid of high-quality illustrations. A concluding chapter comprises a quiz based on 15 case reports. Gastrointestinal tract sonography in fetuses and children will be of value to all with an interest in this field.



DEVOS, A. S. Radiological imaging of the digestiwe tract in infants and children. Berlin, Heidelberg: Springer, 2008.

This comprehensive, up-to-date and extensively illustrated volume offers a multimodality approach to gastrointestinal imaging in children and infants. The role of each of the currently available imaging techniques is considered carefully, and diagnostic dilemmas are discussed and illustrated. After an initial chapter that addresses pediatric gastrointestinal imaging in the emergency setting, detailed individual chapters are devoted to the esophagus, stomach and duodenum, accessory organs

of digestion, small bowel and co-Ion. A closing chapter focuses on pediatric interventional procedures performed with imaging guidance. Against the background of rapid recent advances in imaging technology and the distinctive aspects of gastrointestinal imaging in children and infants, this volume will serve as an essential reference work for all who are engaged in the field.



DONOGHUE, V. B. Radiological imaging of the neonatal chest. 2nd rev. ed. Berlin, Heidelberg: Springer, 2008.

This second, revised edition of Radiological imaging of the neonatal chest provides a comprehensive and up-to-date discussion of the subject. It is written primarily from the point of view of the paediatric radiologist but will be of particular interest to all antenatal ultrasonographers, neonatologists, paediatric cardiologists, paediatricians and paediatric surgeons. It includes an update on clinical management and appraises the advantages of the various techniques available to image the newborn chest. There is particular emphasis on the impact of recent therapeutic advances on imaging findings. Extensive conside-

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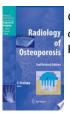
ration is given to both antenatal and postnatal imaging of congenital chest malformations, as well as to controversies regarding the postnatal management of asymptomatic infants with these anomalies. There are dedicated chapters on upper airway problems, infection and congenital heart disease, with special emphasis on the current role of magnetic resonance imaging, computed tomography and interventional therapy. There is also a chapter devoted to computed radiography and digital radiography. This book contains important information for all those involved in caring for the neonate.



FOTTER, R. Pediatric uroradiology. 2nd rev. ed. Berlin, Heidel-Uroradiology berg: Springer, 2008.

Since the first edition of Pediatric uroradiology, very significant advances have been made in the imaging and treatment of common and important pediatric urologic disorders such as vesicoureteric reflux, urinary tract infection, and upper urinary tract dilatation. This revised and extended version takes full account of the sometimes

dramatic changes. Where appropriate, new contents have been included, e.g., on genetics, while other information that continues to be pertinent has been retained. This book describes in detail all aspects of pediatric uroradiology. While it is written primarily from the point of view of the radiologist, it includes essential information for the pediatrician, pediatric surgeon, and urologist. It is specifically designed to aid the clinician in decisions on imaging management. The newest techniques and the changing relevance of imaging and interventional procedures are presented, and the diverse problems associated with the changing anatomy, physiology, and pathophysiology from the newborn period to adulthood are explained. The whole spectrum of imaging features of agenesis, anomalies, dysplasia, parenchymal diseases, neoplastic diseases, stone disease, renal vascular hypertension, renal failure, renal transplantation, and genitourinary trauma is covered. Individual chapters are devoted to vesicoureteric reflux, urinary tract infection, upper urinary tract dilatation, voiding dysfunction, and neurogenic bladder. A new chapter on the clinical management of common nephrourologic disorders, with the subtitle "guidelines and beyond," explains how imaging is embedded in the whole process of clinical management today. Short conclusions are included at the end of chapters and sections to provide the reader with the key information on the specific topic under consideration. This book is dedicated to children - everywhere.



GRAMPP, S. Radiology of osteoporosis. 2nd ed. Berlin, Heidelberg: Springer, 2008.

This second edition of Radiology of osteoporosis has been fully updated so as to represent the current state of the art. It provides a comprehensive overview of osteoporosis, the pathologic conditions that give rise to osteoporosis, and the complications that are frequently encountered. After initial chapters devoted to pathophysiology, the presentation of osteoporosis on conventional radiographs is illustrated and discussed. Thereafter, detailed consideration is given to each of the measurement methods employed to evaluate osteoporosis, including dual x-ray absorptiometry, vertebral morphometry, spinal and peripheral quantitative computed tomography, quantitative ultrasound, and magnetic resonance imaging. The role of densitometry in daily clinical practice is appraised. Finally, a collection of difficult cases involving pitfalls is presented, with guidance to their solution. The information contained in this volume will be invaluable to all with an interest in osteoporo-

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HEYMANN, W. R. Thyroid disorders with cutaneous manifestations. London: Springer, 2008.

The interactions between the thyroid gland and the skin are of profound clinical importance in health and disease. Given the prevalence of thyroid disease wor-Idwide, it is imperative that primary care physicians, endocrinologists, and dermatologists appreciate the scope of these associations so that thyroid disease may be diagnosed and treated expediently. Thyroid Disorders with Cutaneous Manifestations is a single authoritative resource enabling physicians to comprehend the basic science, laboratory evaluation, epidemiology, and clinical aspects of thyroid diseases and their cutaneous manifestations. Specific disorders such as the thyroglossal duct cyst and cutaneous metastases, nonspecific features of the skin and its appendages seen in hyper- and hypothyroidism, and the multiple associations with other dermatologic and systemic diseases are all surveyed, while individual chapters are devoted to various syndromal diseases, such as alopecia in thyroid disease, thyroid dermopathy (pretibial myxedema) and the relationship of autoimmune thyroid disease to

chronic idiopathic urticaria and angioedema. Internationally recognized experts have contributed to this comprehensive text, with an unique "editorial perspective" written for each chapter by the Editor which offers a coherent thread to this book's narrative so that the scope, complexity, and relevance of this text is further understood and appreciated. ck and spine, as well as in interventional techniques and a selection of "hot topics" in these fields. It will be particularly relevant for residents in radiology, but also very useful for experienced radiologists and clinicians specializing in thoracic disease and wishing to update their knowledge of this rapidly developing field.



INTERNATIONAL Diagnostic Course in Davos (40th: 2008); HODLER, J. Diseases of the brain, head & neck, spine diagnostic imaging and interventional techniques. Milano: Springer, 2008.

This book deals with imaging of diseases of brain, head and neck, and spine. These fields have substantially advanced during the last few years, driven by both clinical developments and advances in imaging technology. The authors contributing to the volume are internationally renowned experts in their field; their chapters are disease-oriented and cover all the relevant imaging modalities, including standard radiography, CT, nuclear medicine with PET, ultrasound and magnetic resonance imaging, as well as imaging-guided interventions. As a result, this book presents a comprehensive review of current knowledge in imaging of the brain, head, ne-



JEREMIĆ, B. *Primary optic* nerve sheath meningioma. Berlin, Heidelberg: Springer, 2008.

Optic nerve sheath meningioma (ONSM) is a rare tumour. Cases are usually separated into primary ONSM, which arises either intraorbitally or, less commonly, intracanalicularly, and secondary ONSM, which arises intracranially and subsequently invades the optic canal and orbit. This is the first book to cover all important aspects of the diagnosis and treatment of primary ONSM. After a general introduction, individual chapters discuss the clinical presentation, clinical examination and diagnosis, imaging, and histology. Treatment options are then addressed in detail, with special emphasis on external beam radiation therapy, and in particular stereotactic fractionated radiation therapy. The latter has recently produced consistently good results and is now considered the emerging treatment of choice for the vast majority of patients with primary ONSM. This wellillustrated book will prove invaluable to all practitioners who encounter primary ONSM in their clinical work.

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KIESSLICH, R. Atlas of endomicroscopy. Berlin, Heidelberg: Springer, 2008.

Endomicroscopy is a newly develo-

ped diagnostic tool which enables

in vivo microscopy with subcellular

resolution during ongoing endos-

copy in the upper and lower gas-

trointestinal tract. Thus, endomi-

technology because it provides the

with information about living cells

in humans. Endoscopy and patho-

logy are no longer separate sub-

between endoscopist and patholo-

gist. This Atlas of Endomicroscopy

is the first book dealing with the

new insights of endomicroscopy

about the development, the requi-

indications and further possibilities

rements, the technique, current

of endomicroscopy.

and provides you an overview

jects and thus endomicroscopy

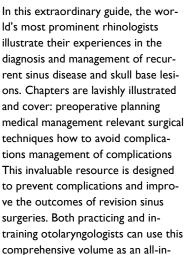
leads to a close interaction

endoscopists for the first time

croscopy is a revolutionary



KOUNTAKIS, S. E. Revision sinus surgery. Berlin, Heidelberg: Springer, 2008.



one source for the evaluation and

management of recurrent sinus di-

sease and skull base pathology.



LAVINI, C. Thymus gland pathology clinical, diagnostic and therapeutic features. Milano: Springer, 2008.

The thymus has been a mysterious gland for centuries. The awareness of its role has been progressing, in particular during the second half of the twentieth century. The thymic pathology is related to several complex congenital, non-oncological, and oncological diseases. Many of these illnesses require a multidisciplinary approach thus involving several specialists: the surgeon, the neurologist, the anesthetist, and the pathologist. For example, myasthenia gravis—the most challenging disease deriving from a thymic trouble-requires an accurate and multimodal treatment. The oncologic pathology of the thymus is likewise complex, and involves also the oncologist and the radiotherapist. In cases of congenital thymic diseases, a transplantation of the thymus can be taken into consideration. This volume is an update on the pathology of this gland and includes 24 chapters written by international and well-known experts. The whole thymic pathology is described and new concepts about the nosological classification and the thymic neoplasm staging system are reported. Some chapters are focused on the radiologic, mini-invasive, and surgical diagnosis, and other chapters deal with surgical and non-surgical treatments. Special chapters are devoted to myasthenia gravis and thymus transplantation. The book will appeal to all the specialists involved in the treatment of thymic pathology, but can also be of interest to practitioners, and undergraduate and graduate students.

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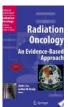
LIST, A. F. Clinician's manual on myelodysplastic syndromes. London: Springer, 2008.

An overview of diagnosis and current management of myelodysplastic syndromes. Reviews the performance of the pharmacological treatments currently available and analyses the potential for new treatments. High quality clinical photos and figures to enhance descriptions and improve reader comprehension. Useful reference text for healthcare professionals needing to know more about myelodysplastic syndromes.



LORENZ, B. Pediatric ophthalmology, neuroophthalmology, genetics. Berlin, Heidelberg: Springer, 2008.

The broad field of neuroophthalmology encompasses lesions of both the afferent and efferent pathways, which can result from various etiologies: tumoral, paraneoplastic, vascular, inflammatory, infectious, or hereditary, just to name a few. This volume of Essentials in ophthalmology is dedicated to the review of new developments in neuroophthalmology, including those in diagnosis, physiology, investigations or therapeutic options. It is divided into six parts, designed to provide the clinician with a summary of some of the newest data regarding diseases of the optic nerve, unusual retinopathies, new methods of investigations of the retina, optic nerve, and visual brain, neuro-ophthalmic implications of some systemic disorders, oculomotility, visual rehabilitation. This upto-date, concise, and practical book will help the clinician understand the unusual diseases of certain patients with neuro-ophthalmic disorders.



LU, J. J. Radiation onco-Radiation logy: an evidence-based Oncology approach. Berlin, Heidel-Approach berg: Springer, 2008.

Radiation oncology: an evidencebased approach (ROEBA) is a reference book designed to enable radiation oncologists, including those in training, to make diagnostic and treatment decisions on the basis of the best available scientific evidence. Ease of use is ensured by a structured, reader-friendly format that offers rapid access to evidence-based recommendations. ROEBA's orientation is entirely practical, in that the focus is solely on diagnostic/staging and treatment issues. Detailed diagnostic and therapeutic guidelines are provided for multidisciplinary cancer management as well as radiation therapy techniques. The evidence underlying each recommendation is clearly and concisely explained, and the strength of the recommendations and evidence is systemically graded. Furthermore, diagnostic and treatment algorithms are provided for commonly diagnosed cancers, including non-small-cell lung cancer, small-cell lung cancer, most gastrointestinal and genitourinary tumors, and certain head and neck cancers. This ground-breaking text on radiation oncology is an essential tool for physicians in their daily clinical practice.

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LUCAYA, J. Pediatric ediatric chest imaging chest imaging: in infants and children. 2nd rev. ed. Berlin, Heidelberg: Springer, 2008.

Imaging of the pediatric chest continues to evolve rapidly. All chapters in this 2nd edition of Pediatric chest imaging have been extensively updated, with additional disease-specific information and numerous new illustrations. The book thus presents the state of the art in the diagnosis of pediatric chest disorders, highlighting the role played by advanced technology. As the conventional features of most of these disorders are extremely well known, special attention is devoted to the technical aspects of the modern imaging modalities, their indications, and the diagnostic information that they supply. Individual chapters focus on chest ultrasound, nuclear medicine imaging, high-resolution chest CT, helical CT, and pediatric cardiac CT and pediatric cardiacM-RI. Others are directed towards specific disorders, including congenital malformations of the chest, chest tumors, pulmonary infection, trauma, the lung in systemic diseases, the pediatric airway, foreign bodies, the thymus, and the chest wall. Without exception, the authors of this book are internationally known specialists with great expertise in the field. This book will serve as a handy, superbly illustrated reference for all who routinely image children, as well as for those who need access to information on how best to image

them!



MARMÉ, D. Tumor angiogenesis: basic mechanisms and cancer the-



Preface tumor development and progression occur as a result of cumulative acquisition of genetic alterations affecting oncogenes and tumor suppressor genes. As a consequence of these alterations the arising tumor gains some fatal properties such as increased cell proliferation and decreased apoptosis, resulting in a net accumulation of transformed cells. Once a critical volume is achieved, lack of oxygen and nutrients limits further growth. To overcome this obstacle, the tumor cells initiate a program focused on the formation of new blood vessels within the host tissue. This process is termed tumor angiogenesis and contributes to the progression of most solid tumors and the formation of metastases. Since its discovery more than 30 years ago by Dr. Judah Folkman, tumor angiogenesis has been proposed as an ideal target for novel tumor therapies. Today the first anti-angiogenic compounds are available for the treatment of patients but their success in the clinic is rather limited when given as monotherapies. This is in contrast to many preclinical results which revealed a much higher efficacy of these therapeutics in appropriate animal models. The reasons for this discrepancy are manifold, one being the existence of more than one angiogenic signaling system capable of driving tumor angiogenesis. Therefore it is no surprise that the inhibition of just one system is not sufficient to block the formation of new blood

vessels in patients.



PEDERSEN, M. Normal development of voice in children: advances in evidence-based standards. Berlin, Heidelberg: Springer, 2008.

With updated acoustical measures of voice profiles (phonetograms, the audiogram of the voice) and the fundamental frequency of the tone range, new standards have been reached. In particular, the comparison to normal pediatric and hormonal development highlights the statistical scientific validity of voice parameters. The relation to hormones and the predictive values for voice development open new and interesting perspectives for experts. This book offers valuable insight into acoustical, physiological and biological measures that compare boys and girls and are based on prospective and stratified studies.

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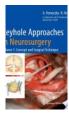
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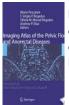
PEER, S. Highresolution sonography of the peripheral nervous system. 2nd ed. Berlin, Heidelberg: Springer, 2008.

Since the first edition of this book, sonography of the peripheral nervous system has evolved further. Not only has knowledge of the sonographic features of common neurological disorders deepened, but constant research has led to the application of sonography in the diagnosis and guided treatment of disorders that were not previously accessible. This second, revised edition reflects these ongoing developments in various ways: many state of the art highresolution images are included, the text has been adapted to reflect the current state of the literature, and information is presented using a more modern layout. Anatomic/ sonographic correlation is considered in depth, and examination technique with modern sonography equipment is explained. This book provides a practical, clinically oriented overview of all aspects of sonographic diagnosis and interventional therapy of the peripheral nervous system and will be of value to all with an interest in this field.



PERNECZKY, A.; REISCH, R. Keyhole approaches in neurosurgery volume 1: concept and surgical technique. Vienna: Springer, 2008.

A. Perneczky and R. Reisch, in collaboration with M. Tschabitscher, offer a detailed systematic overview of the different approaches for minimally invasive craniotomies. After a description of the historical development of the particular craniotomy, each chapter illustrates the anatomical construction of the target region and the surgical approach itself with artistic illustrations and photographs of human cadaver dissections. Concentrating on surgical practice, patient positioning, anatomical orientation, the stages of the surgical approach, potential errors with their consequences, and important tips and tricks are discussed in detail, providing instructions for everyday use.



PESCATORI, M. Imaging atlas of the pelvic floor and anorectal diseases.
Milano: Springer, 2008.

Exciting technical advances in US, CT, and MRI over the past decade have greatly enhanced the challenging task of investigating intestinal, pelvic floor, and anorectal function and dysfunction. The goal of Imaging atlas of the pelvic floor and anorectal diseases, edited and authored by internationally respected experts in the field, is to clearly and precisely present indications, techniques, limitations, sources of errors, and pitfalls of these imaging modalities. The concise text expertly describes the abundant, high-quality images that show the normal anorectal anatomy as well as the pathological appearance of the all-too-common large-bowel and pelvic floor functional diseases. The use of radiopaque markers in diagnosing colonic inertia; defecography, 3D US, and MRI in investigating obstructed defecation; 3D US and MRI in differentiating between benign and malignant anorectal neoplasms; CT and MRI in assessing pelviperineal anatomy and identifying pelvic tumors and inflammatory processes; and 2D and 3D US in determining appropriate treatment for fecal incontinence are discussed in depth. One of the atlas's strongest points is illustrating the use of 3D anorectal US with automatic scan in identifying complex anal fistula tracks,

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staging benign and malignant tumors, and postradiotherapy follow -up. Of particular importance is the description of novel dynamic techniques, such as dynamic transperineal US, in assessing pelvic floor functional diseases. Also importantly, this atlas demonstrates the value of a "team approach" between colorectal surgeons and radiologists for solving complex clinical disorders of the anorectum and pelvic floor.



PIANYKH, O. S. Digital imaging and communications in medicine (DICOM): a practical introduction and survival guide.
Berlin, Heidelberg:

Springer, 2008.

Introduces the complex imaging standard of digital imaging and communications in medicine. This book is suitable for radiologists, clinical administrators, information technologists, and digital medicine practitioners.



PRASHER, V. P. Epilepsy and intellectual disabilities. London: Springer, 2008.

Epilepsy and intellectual disabilities brings together findings from research and clinical practice, with comprehensive coverage of the important aspects of epilepsy in persons with intellectual disabilities. It is crucial for professionals involved in the care of persons with all intellectual disabilities to have a broad understanding of the essential range of issues, and therefore this book provides a truly multi-disciplinary perspective, complete with many figures and illustrations to underline the key points. Undoubtedly, research and clinical practice is much more advanced in the general population than in persons with intellectual disabilities, and so it is important that professionals and academics in the field of intellectual disabilities are made fully aware of ongoing developments in the general population, which will more likely than not become relevant to the intellectually disabled population. Through experience, this book also acknowledges that the impact on the person themselves and on their carers always needs to be taken into account, with treatment programs established with a multi-faceted team approach in mind. Avoiding the jargon of many titles in this area while maintaining the hands-on approach of clinical practice, this book meshes the practical and scientific worlds, with all chapters written by leading experts in the field.



REID, D. M. Clinical trials in rheumatoid arthritis and osteoarthritis. London: Springer, 2008.

Designed to be a practical handbook on clinical trial management in these key therapeutic areas, 'Clinical Trials in Rheumatoid Arthritis and Osteoarthritis' is aimed at principal investigators pharmaceutical physicians and other pharmaceutical staff involved in the design, conduct and monitoring of these increasingly complex diseases. In the last several years a new classes of biologic agents have emerged and changed the treatment paradigm for patients, not only with classically defined rheumatoid arthritis, but also with other related diseases such as ankylosing spondylitis and psoriatic arthritis. Furthermore, osteoarthritis is a major disease state that is often treated by the rheumatologist, but is one where patient management programs are currently limited with a need for new therapeutic approaches. In both inflammatory and noninflammatory arthritic conditions, clinical trials have become both large and complex due to the nature of the diseases, with ever-challenging new surrogate end-points being employed. Topics covered in this title will therefore include study design, clinical endpoints, technical issues, data collection, use of centralized medical image reading facilities and biochemical marker laboratories, as well as data analysis and future therapies. This book takes the user through the process step-by-step from start to finish, also providing a background on the regulatory guidelines, ethical implications, endpoints, and current therapi-

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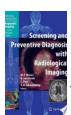
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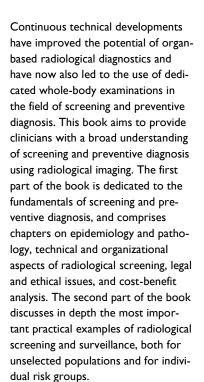


REINHARD, T. Cornea and external eye disease. Berlin, Heidelberg: Springer, 2008.

This outstanding volume in the Essentials in ophthalmology series presents recent developments in the diagnosis and treatment of corneal disease. Its intention is not to replace the relevant textbooks, but to serve as a bridge between primary and tertiary literature. This well-structured volume covers the following main topics: Herpes simplex keratitis; -Amniotic membrane transplantation for the treatment of corneal ulceration in infectious keratitis; -Chlamydial infection; -Chronic blepharitis; -New aspects on the pathogenesis of conjunctival melanoma; -Confocal microscopy of malignant tumors.



REISER, M. F. Screening and preventive diagnosis with radiological imaging. Berlin, Heidelberg: Springer, 2008.





RIBES, R.; MEJÍA, S.. Cardiovascular english. Berlin, Heidelberg: ENGLISH Springer, 2008.

After the successful publication of Medical english, Radiological english and Primary care english by Springer, I considered it a top priority to keep on writing medical english books by specialties, which could become useful tools for health care professionals and medical students all over the world. Being a cardiovascular radiologist myself, Cardiovascular english was one of the first titles that came to my mind when I began to think about a series of medical english books by specialties. In spite of the fact that cardiovascular diseases are my main area of interest, I would not have dared co-write a book on cardiovascular English without the enthusiastic support of Dr. Mejía. This book project started in Benalmadena when, during the dinner after a 1-day course on cardiovascular imaging, Dr. Manuel Concha, a prominent figure in cardiac surgery and one of the pioneers of cardiac transplants in my country, and who was aware of my idea of writing a cardiovascular english book, introduced Dr. Mejía to me saying "Ramón, Sergio is the person you are looking for." He was absolutely right. Sergio Mejía has been enthusiastically committed to the book project since its inception. Like its predecessors, Cardiovascular english is not written by english teachers and aimed at english students, but it is written by doctors and aimed at doctors.

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ROSEN, C. A.; SIMP-SON, C. B. Operative techniques in laryngology. Berlin, Heidelberg: Springer, 2008.

Operative techniques in laryngology fills a void that currently exists in otolaryngology textbooks: a comprehensive text on laryngeal surgery that can be used by physicians to prepare for surgical cases. It contains explicit step-by-step descriptions of surgical procedures such that the reader can "learn to operate". The surgical atlas is written by well-known experts with step-by-step surgical maneuvers for various laryngeal procedures encompass both microlaryngeal surgery and laryngeal framework surgery. Postoperative care and complications are also covered to round out the information needed by the surgeon in the perioperative period. The atlas is richly illustrated with photographic representations of all surgical steps and superb artwork illustrations to highlight the difficult threedimensional anatomic concepts. In summary: this unique guide filled with "cookbook" descriptions of laryngeal surgical procedures provides a quick and simple reference for all surgeons interested in laryngological surgery.



RUBIN, P. Cancer survivorship research and education: late effects on normal tissues: CURED II, LENT. Berlin, Heidelberg: Springer, 2008.

Multimodal treatment lies at the heart of the improvement in cancer cure rates. However, the more aggressive the treatment delivery in terms of dose, time and volume for radiation and chemotherapy, the more adverse effects in normal tissues can be anticipated. Against this background, a major paradigm shift has taken place in that there is a new focus on cancer survivorship. Put another way, there has been a realization that prolongation of life must be accompanied by maintenance of the quality of life: the life worth saving must be worth living. Common toxicity criteria (CTC) have been applied to assess the quality of survival of long-term cancer survivors. In the 1950s, the concept of late effects was considered unique to radiation. Yet, when the CTC were first developed more than two decades ago, they applied to acute adverse events due to chemotherapy (v1.0). Since late changes due to drugs were not recognized until years later, the initial update (v2.0) additionally incorporated only acute radiation toxicity. More recently, however, v3.0 has been designed to apply to all modalities and to encompass both early and late treatment effects. Other important developments in the United

States have been the creation of the Office of cancer survivorship and the publication of "From cancer patient to cancer survivor: lost in transition" by the Institute of Medicine and the National Research Council, which has raised awareness of the many concerns facing cancer survivors. This volume is based on the CURED II conference held in May 2007, which was attended by scientists from many leading institutions. The volume comprises 18 chapters by leading experts who address a variety of important topics relating to late treatment effects, such as mechanisms and evolution of injury, risk factors, the role of screening, options for interventions, second malignancies, and prevention...

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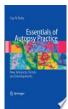


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RUTTY, G. N. Essentials of autopsy practice: new advances, trends and developments. London: Springer, 2008.

'Essentials of autopsy practice: new advances, trends and developments' provides an up-to-date overview of current key issues in autopsy practice, with contributions from leading field experts from around the world. This concise, well-referenced text consists of chapters that can be read independently of each other, in addition to forming a cohesive book which can act as a practical manual or reference guide. This book is designed to be kept in laboratories, offices and mortuaries so that practioners can quickly refer to it for help on how to undertake procedures or interpret findings found in autopsy practice. Its size and contents make this a valuable everyday title, offering advice and suggested approaches to a variety of difficult subject areas. As the fourth volume in a popular series, this book will be of great use to both trainees and consultants in all specialty areas within pathology, including forensic pathology, as well as also serving as a comprehensive guide for all those involved in the wider sense of death investigation, such as nurses, lawyers, paramedics and police officers.



SEEGENSCHMIEDT, M. H. Radiotherapy for nonmalignant disorders. Ber-Non-Malignant lin, Heidelberg: Springer, 2008.



SOLOMIN, L. The basic principles of external skeletal fixation using the llizarov device. Milano: Springer, 2008.

This volume discusses the general background, radiobiology, radiophysics and clinical applications of radiation therapy in the treatment of non-malignant diseases. Within 39 chapters, it documents the rationale and indications for the use of state-of -the-art radiotherapy for various nonmalignant disorders of the CNS, head and neck, eye, skin and soft tissues, bone and joints, and the vascular system. In so doing, it draws attention to and elucidates the scope for application of radiotherapy beyond the treatment of malignancies. Both the risks and the benefits of such treatment are fully considered, the former ranging from minor clinical problems to life-threatening diseases. With the assistance of many tables and colored figures, the extensive data from clinical studies are presented in a well-structured and informative way. Each chapter concludes with a list of key points, allowing the reader to quickly comprehend the main facts. Since this approach offers an interdisciplinary perspective, this book will be of interest not only to radiotherapists but also to many other practitioners and medical specialists, for example orthopedists, surgeons, and ophthalmologists.

his book is the first comprehensive text on the Ilizarov method to come from Russia since Professor Ilizarov passed away in 1992. This text covers both acute traumatic reconstruction with the Ilizarov method as well as orthopaedic reconstruction with the Ilizarov techniques. The author's unique method of cross-sectional anatomy evaluation improves the safety of pin and wire insertion. This book will serve as a new foundation for the next generation of orthopaedic surgeons interested in limb reconstruction with circular external fixation. Dror Paley, MD, FRCSC in this manual you can find not only an analysis of the basis of external fixation, but also the author's original approach in this field. Certainly, no book can include all possible clinical situations in orthopaedic practice. Nevertheless, this manual is different from others in being easy to read. Consequently the execution of each method of external fixation can be readily grasped. Furthermore, the perfectly prepared illustrations will be of significant benefit to the orthopaedic surgeon. Prof. Vladimir I. Shevtsov I am pleased to present this book to experts on external fixation and to those who are taking only their first steps in this field. I regret that "the method for the unified designation of external fixation" is only now becoming the stan-

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dard language of orthopaedic surgeons. If it had been developed and introduced earlier, it would have been possible to avoid many of the criticisms (sometimes justified) of the training in the method resulting from "individual" perceptions of the information in articles, instructional lectures, and manuals. The clever design, the high-quality illustrations, the wide range of pathological conditions considered for application of external fixation, and the style of presentation of the material are great advantages of this manual. I am sure that it will prove to be of great interest to orthopaedic surgeons in many different countries.



SPIES, C. D. Pocket guide pain management. Berlin, Heidelberg: Springer, 2008.

In the United States about 50 million people sufer from recurrent or chronic pain, and nearly 10% of adults take medication for pain daily. Further, the disease burden of pain is expected to grow, relative to other illnesses and conditions. Despite the advances in pain medicine, most physicians are not adequately trained to treat chronic or even acute pain. As in other felds of medicine, pain medicine has long been dominated by expert opinion relying on personal expertise, and only recently has a systematic evaluation of treatments in the terms of "evidence-based medicine" been performed. And also as in other felds of medicine, a lot can be achieved in pain medicine when certain basic diagnostic and therapeutic pathways are followed correctly; more than can be achieved when only a few specialists are able to treat these conditions. "Standard operating procedures" (SOPs) are supposed to be concise practical aids for clinicians, standardizing treatments, diagnostic pathways and procedures in one of sometimes many possible ways. Although based on the available evidence, they are not evidence-based guidelines and are not supposed to replace such guidelines. On one hand, evidence-based medicine often leaves many options open, since in many cases the available evidence is not sufcient to recommend a specifc option...



VINCENT, J.-L. Yearbook of intensive care and emergency medicine 2008.
Berlin, Heidelberg: Springer, 2008.

The Yearbook compiles the most recent developments in experimental and clinical research and practice in one comprehensive reference book. The chapters are written by well recognized experts in the field of intensive care and emergency medicine. It is addressed to everyone involved in internal medicine, anesthesia, surgery, pediatrics, intensive care and emergency medicine.

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VOORT, P. H. J. V. Selective digestive tract decontamination in intensive care medicine: a practical guide to controlling infection. Milano: Springer,

2008.

More than 20 years ago it was recognized by Stoutenbeek and colleagues that patients in the intensive care unit suffered from infections developed whilst being treated. Moreover, the majority of these infections appeared to originate from bacteria that were acquired in the intensive care leading to pathologic colonisation and overgrowth in the gut, subsequently leading to organ site infections. Selective decontamination of the digestive tract (SDD) is an antibiotic strategy which aims to prevent secondary infections in critically ill patients. This book provides both the scientific rationale and the practical approach to nurses, physicians, pharmacists and microbiologists to design a SDD treatment strategy tailored to each individual patient and the local hospital situation.

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