II OSKNS Anatomiczne i chirurgiczne podstawy leczenia patologii kręgosłupa i rdzenia kręgowego u dorosłych i dzieci

Warszawa, 23-24 marca 2013 roku

Katalog książek anglojęzycznych

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www.abe.pl
The increased complexity of spinal surgical procedures in recent years has required more sophisticated anesthetic management of patients undergoing these procedures. Spine surgery anesthesia is now recognized as a distinct sub-specialty, increasingly undertaken by general anesthesiologists as well as neuroanesthesiologists. Anesthesia for Spine Surgery describes the anesthetic management and surgical procedures at every vertebral level in both adult and pediatric patients. The most important related considerations are covered, including:

- Postoperative pain management
- One lung ventilation during anterior thoracic surgery
- Intraoperative neuromonitoring
- Fluid management

Additional chapters review the radiological features of normal and abnormal spines, common complications of spine surgery and ASA closed claims relating to spine surgery anesthesia. Written by highly experienced neuroanesthesiologists and spine surgeons, Anesthesia for Spine Surgery is essential reading for trainee and practicing anesthesiologists, neuroanesthesiologists and spine surgeons.

Best Evidence for Spine Surgery provides representative cases that help you determine the optimal surgical interventions for your patients. Drs. Rahul Jandial and Steven R. Garfin, and a balanced team of preeminent neurosurgeons and orthopaedists, address the trend toward a more collaborative approach between spine and orthopaedic surgery. This easy-to-read, evidence-based resource also features “Tips from the masters” for a quick review of important elements of diagnosis and treatment and online access at our associate website with the fully searchable text, images, and a video library of procedures.

Brain and Spine Imaging Patterns presents a systematic approach to understanding one of the most challenging areas of radiologic interpretation. Uniquely organized by various patterns seen on CT, MRI, and plain radiography imaging rather than pathology, the book carefully guides you toward a group of differential diagnoses. You will find an unmatched collection of more than 140 patterns covering: skull defects and lesions; meningeal and sulcal diseases; extracerebral masses; intracerebral masses; mass lesions in the region of the ventricular system; sellar and parasellar masses; vascular legions; lesions in the cortical gray matter, white matter, and deep gray matter; and spinal diseases and lesions. The easy-to-navigate organization of this book is specifically designed for use at the workstation. The concise text, numerous images, and helpful icons facilitate access to essential information and simplify the learning process. Features More than 140 patterns and more than 2500 digital-quality images A strong focus on patterns with diagnostic and therapeutic relevance A systematic approach to understanding one of the most challenging areas of radiologic interpretation A highly visual format that shows you exactly how to perform each technique to get the best results.

Clinical and Radiological Anatomy of the Lumbar Spine continues to offer practical, comprehensive coverage of the subject area in a unique single volume which successfully bridges the gap between the basic science of the lumbar region and findings commonly seen in the clinic. Prepared by an author of international renown, "Clinical and Radiological Anatomy of the Lumbar Spine, 5/e" provides clear anatomical descriptions of the individual components of the lumbar region, as well as the intact spine, accompanied by a full colour artwork programme. Detailed anatomical descriptions are followed by an explanation of the basic principles of biomechanics and spinal movement together with a comprehensive overview of embryology and the influence of age-related change in the lumbar region. The problem of low back pain and instability are also fully explored while an expanded section on medical imaging completes the volume. "Clinical and Radiological Anatomy of the Lumbar Spine, 5/e" offers practical, validated and clinically relevant information to all practitioners and therapists working in the field of low back pain and will be ideal for students and practitioners of chiropractic, osteopathic...
This is the most accessible, clinically focused guide to brain mapping techniques and systems. This profusely illustrated, concise, yet detailed sourcebook enables both neurosurgeons and neurologists to map functions to specific cognitive and sensory locations in the brain. "Clinical Brain Mapping" takes you step by step through the methods and functional bases of the techniques, focusing on all clinical situations that require cerebral localization for diagnosis and therapeutic management. "Clinical Brain Mapping" is cohesively organized into two sections: Techniques and Systems. The first section covers the full scope of methods for determining cerebral location, from the classic Wada test to the newest fMRI and magnetoencephalography procedures. In the Systems section, expert contributors offer key insights into the systems that are mapped with a multi-modality approach, covering somatomotor and somatosensory function, language, vision, hearing, and memory. The book concludes with informative chapters on specific applications of mapping techniques. The features of this title include: 350 radiologic images and EEG tracings that show each brain mapping technique, adding depth and clarity...

Clinical Neuroanatomy and Neuroscience by M.J.T. FitzGerald, Gregory Gruener, and Estornin Mui, already known as the most richly illustrated book available to help you through the complexity of neuroscience, brings you improved online resources with this updated edition. You'll find the additional content on Student Consult. It includes one detailed tutorial for each chapter, 200 USMLE Step 1 questions, and MRI 3-plane sequences. With clear visual images and concise discussions accompanying the text's 30 case studies, this reference does an impressive job of integrating clinical neuroanatomy with the clinical application of neuroscience.

For more than seventy years, Clinical Neuroanatomy has delivered a streamlined, comprehensive, and easy-to-remember synopsis of neuroanatomy and its functional and clinical applications. Emphasizing the most important concepts, facts, and structures, this well-illustrated and enjoyable-to-read text reflects the state-of-the-art in pathophysiology and the diagnosis and treatment of neurological disorders. Features that make Clinical Neuroanatomy perfect for board review or as a clinical refresher:

- Discussion of the latest advances in molecular and cellular biology in the context of neuroanatomy
- Clinical correlations to help you interpret and remember essential neuroanatomic concepts in terms of function and clinical application
- Numerous computed tomography (CT) and magnetic resonance images (MRIs) of the normal brain and spinal cord; functional magnetic resonance images...

In "Clinical Orthopaedic Rehabilitation: An Evidence-Based Approach", Dr. S. Brent Brotzman and Robert C. Manske help you apply the most effective, evidence-based protocols for maximizing return to function following common sports injuries and post-surgical conditions. A well-respected, comprehensive source for evaluating, treating, and rehabilitating orthopaedic patients, the 3rd Edition guides you on the prevention of running injuries, the latest perturbation techniques, and the ACL rehabilitation procedures and functional tests you need to help get your patients back in the game or the office. You’ll also find a brand-new spine rehabilitation section, an extensively revised art program, and online access to videos demonstrating rehabilitation procedures of common orthopaedic conditions.

In Controversies in Pediatric Neurosurgery, leading clinicians from around the globe present concrete advice and frank commentary on alternative options for the treatment and management of specific cranial and spinal disorders. Each succinct, easily accessible chapter addresses a different condition in a point/counterpoint format that discusses the pros and cons of the various treatment options, including surgical approaches and techniques. This highly practical, balanced coverage equips readers to make well-informed choices when selecting the most appropriate treatment modality for a particular diagnosis. Features: "Lessons Learned at the end of each chapter, in which the authors summarize the debate with multiple viewpoints and carefully considered recommendations based on published evidence and their own clinical experience " Incisive dialogue on twenty hot topics in the field, including how to manage arachnoid cysts, craniosynostosis, tethered cord, spina bifida, chiari malformation, epilepsy, aneurysms, and more " Clinical and personal insights from international contributors on the variability of surgical training, experience, and available resources in different parts of the world ...
Controversies in Spine Surgery
Alexander R. Vaccaro
Thieme
9781604062397
22.09.2010
Oprawa: twarda
619,00 zł
Po rabacie: 459,00 zł

Core Techniques in Operative Neurosurgery
Rahul Jandial
Elsevier
9781437709070
24.05.2011
Oprawa: twarda
566,00 zł
Po rabacie: 500,00 zł

Diagnostic Imaging: Spine
Jeffrey S. Ross
Lippincott Williams and Wilkins
9781931884877
01.12.2010
Oprawa: twarda
1281,00 zł
Po rabacie: 1153,00 zł

Drawing on the expertise of world-renowned orthopedic and neurological spine surgeons, Controversies in Spine Surgery: Best Evidence Recommendations compiles, summarizes, and synthesizes the most relevant scientific literature available in the field today. Each succinct, problem-oriented chapter addresses a different controversial issue where there is a lack of consensus about the best possible course of action. The authors provide guidance and objective recommendations for each scenario based on the most relevant data found in the literature to give surgeons the background they need to make fully informed treatment decisions. Features: * Concise outline format enables rapid reading for the busy spine surgeon. * Invaluable synopses of highly practical evidence-based literature * Detailed coverage of commonly disputed issues, such as how to manage vertebral compression fractures, surgery for axial back pain, minimally invasive lumbar fusion, the use of prophylactic antibiotics in spine surgery, and much more * "Grading of Best Evidence" feature in which the authors rate the viability of the data presented * Numerous summary tables throughout the text emphasize the main...
A complete evidence-based textbook and reference for physical therapy students and practitioners "Dutton's Orthopaedic Examination, Evaluation, and Intervention" provides you with a systematic, logical approach to the evaluation and intervention of the orthopedic patient. Comprehensive and up-to-date, "Dutton's" strikes the perfect balance in its coverage of examination and treatment. For any intervention to be successful, an accurate diagnosis must be followed by a carefully planned and specific rehabilitation program to both the affected area and its related structure. This approach must take into consideration the structure involved and the stage of each joint and region. This in-depth coverage leads you logically through systems based on these considerations. The correct applications of electrotherapeutic and specific rehabilitation program to both the affected area and its related structure, be successful, an accurate diagnosis must be followed by a carefully planned and perfect balance in its coverage of examination and treatment. For any intervention to of the orthopedic patient. Comprehensive and up-to-date, "Dutton's Orthopaedic Examination, Evaluation, and Intervention" emphasizes the appropriate use of manual techniques and therapeutic exercise based on these considerations. The correct applications of electrotherapeutic and thermal modalities are outlined throughout as adjuncts to the rehabilitative process. The content reflects the consistent, unified voice of a single author - a prominent practicing therapist who delivers step-by-step guidance on the examination of each joint and region. This in-depth coverage leads you logically through systems...
Intraoperative MRI-guided Neurosurgery

Walter A. Hall
Thieme
9781604063059
20.10.2010
Oprawa: twarda
765,00 zł
Po rabacie: 680,00 zł

Comprehensive in scope and packed with practical information, Intraoperative MRI-Guided Neurosurgery contains detailed coverage of this state-of-the-art technology from the pioneers who developed it. Renowned neurosurgeons and neuroradiologists combine their collective wisdom and experience to demonstrate how MR-guided neuronavigation can be used to view real-time images of a patient’s brain during surgery to help remove tumors with greater precision. The authors provide step-by-step descriptions of how to perform procedures, including advice based on their clinical results. Readers will learn about the advantages and drawbacks of the various MR imaging systems, clinical indications for MR-guidance, anesthesia considerations, safety concerns related to working in a magnetic environment, and much more. Features: * In-depth coverage of all MR imaging systems helps readers to make informed choices about which technique will best suit their surgical needs * Guidelines on the most appropriate imaging sequences for the resection of different types of brain tumors * More than 200 high-quality intraoperative photographs taken during actual procedures to orient readers who...
At a very reasonable price, this book will be very valuable to any student or resident preparing for neurosurgical rounds and board examinations. - AANS Young Neurosurgeons Newsletter Neurosurgery Rounds: Questions and Answers is the first guide dedicated to preparing residents and medical students for the challenging questions - known as pimpling in the vernacular - they will frequently encounter on neurosurgery rotation. Nine succinct chapters fully cover the basic and clinical neurosciences in a convenient Q&A format that is ideal for self-study. Short answers and explanations appear directly below the questions to enable easy reading on the go. Features: * Over 1,600 questions and answers quiz readers on a wide range of neurological topics * 30 cases - also in an accessible Q&A format - prime readers for clinical situations * More than 150 high-quality radiographs and anatomy drawings supplement the text. The perfect size to fit in a lab coat pocket, this concise review will be the constant companion of every medical student on a neurosurgical rotation and every neurosurgery resident or general surgery resident who needs to prepare for rounds or study for board examinations.

Neuropathology
Richard A. Prayson
Elsevier
9781437709490
15.11.2011
Oprawa: twarde
644,00 zł
Po rabacie: 580,00 zł

An ideal resource for board exam preparation, this review distills the essentials of neurosurgery in a user-friendly question and answer format. Divided into three main sections, this text presents a comprehensive collection of cases covering intracranial pathology, spinal and peripheral nerve pathology, and neurology. Each chapter opens by detailing the clinical presentation of a problem frequently encountered in everyday practice followed by a list of questions and answers designed to test the reader's knowledge of diagnostic techniques, imaging, surgical indications, treatment options, potential complications, and outcomes. Highlights: * Contributions from internationally recognized authorities in the main subspecialties of neurosurgery, including neurosurgical oncology, skull base surgery, vascular neurosurgery, spine surgery, pediatric neurosurgery, peripheral nerve surgery, and epilepsy surgery * Succinct bullet-point format and consistent presentation in each chapter for rapid review of essential concepts * Detailed coverage of common and rare neurologic pathologies * More than 380 high-quality images, including 76 full-color illustrations that demonstrate important concepts * Valuable references to...

Neurosurgery Case Review: Questions and Answers
Remi Nader
Thieme
9781604006022
Oprawa: miękka
599,00 zł
Po rabacie: 540,00 zł

At a very reasonable price, this book will be very valuable to any student or resident preparing for neurosurgical rounds and board examinations. - AANS Young Neurosurgeons Newsletter Neurosurgery Rounds: Questions and Answers is the first guide dedicated to preparing residents and medical students for the challenging questions - known as pimpling in the vernacular - they will frequently encounter on neurosurgery rotation. Nine succinct chapters fully cover the basic and clinical neurosciences in a convenient Q&A format that is ideal for self-study. Short answers and explanations appear directly below the questions to enable easy reading on the go. Features: * Over 1,600 questions and answers quiz readers on a wide range of neurological topics * 30 cases - also in an accessible Q&A format - prime readers for clinical situations * More than 150 high-quality radiographs and anatomy drawings supplement the text. The perfect size to fit in a lab coat pocket, this concise review will be the constant companion of every medical student on a neurosurgical rotation and every neurosurgery resident or general surgery resident who needs to prepare for rounds or study for board examinations.

Neurosurgery Rounds: Questions and Answers
Mark Shaya
Thieme
9781588904997
13.07.2011
Oprawa: miękka
176,00 zł
Po rabacie: 158,00 zł

At a very reasonable price, this book will be very valuable to any student or resident preparing for neurosurgical rounds and board examinations. - AANS Young Neurosurgeons Newsletter Neurosurgery Rounds: Questions and Answers is the first guide dedicated to preparing residents and medical students for the challenging questions - known as pimpling in the vernacular - they will frequently encounter on neurosurgery rotation. Nine succinct chapters fully cover the basic and clinical neurosciences in a convenient Q&A format that is ideal for self-study. Short answers and explanations appear directly below the questions to enable easy reading on the go. Features: * Over 1,600 questions and answers quiz readers on a wide range of neurological topics * 30 cases - also in an accessible Q&A format - prime readers for clinical situations * More than 150 high-quality radiographs and anatomy drawings supplement the text. The perfect size to fit in a lab coat pocket, this concise review will be the constant companion of every medical student on a neurosurgical rotation and every neurosurgery resident or general surgery resident who needs to prepare for rounds or study for board examinations.

Neurosurgery
Christianto Benjamin Lumenta
Springer
9783540796643
10.10.2008
Oprawa: miękka
448,00 zł
Po rabacie: 399,00 zł

In a specialized field such as neurosurgery, highly specific knowledge is required. Training programs in the EU vary, making it difficult to standardize medical training. This manual forms the basis for a European consensus in neurosurgery. It is written for residents, students and physicians with a special interest in neurosurgery. Diagnostic and therapeutic procedures are detailed according to localization (cranial, spinal, peripheral nerves) with special consideration given to congenital defects and pediatric neurological disorders, functional and stereotactic neurosurgery, as well as critical neurosurgical care. In this title, each chapter contains the basics of anatomy and physiology. The book is well-organized and clearly structured according to each entity and its neurological treatment options. A better understanding of specific neurological problems will help practicing neurosurgeons provide better medical care for their patients, and will also provide the neurosurgery resident with a reliable European standard for step-by-step management of neurological problems, which will prove useful when preparing for the board examination.

Neurosurgery Oral Board Review
Jonathan Stuart Citow
Thieme
9781604006504
24.08.2011
Oprawa: miękka
176,00 zł
Po rabacie: 159,00 zł

Praise for the first edition: Valuable structure for academic preparation...well-organized, comprehensive outline from which to study...good last-minute warm-up - Journal of Neurosurgery The second edition of Neurosurgery Oral Board Review builds on the success of the bestselling first edition in helping you prepare for your oral boards in neurosurgery. Not only does the book pinpoint the key clinical information you need, but it offers practical, confidence-building tips that will help you relax and succeed on the exam. New to this expanded and fully-updated Second Edition: * Expanded introduction on what to expect at the actual exam, how to utilize your time, when and how to answer the toughest questions, and the single most important area where you must demonstrate competency *45 new illustrated clinical case vignettes offer practice in differential diagnosis, work-up, treatment, and handling complications; analysis of each case is included at the end of the book. A restructured table of contents follows the format of the exam (first hour: spine; second hour: cranial, third hour: miscellaneous) * The addition of ‘Helpful Hints’ at the end of each chapter give you the benefit of the authors’ extensive clinical...
Featuring the clinical expertise of leading authorities in the field, this book is a lavishly illustrated surgical atlas of the latest neurosurgical approaches to frequently encountered problems in the pediatric patient. Each chapter in the book opens with a brief overview of the problem and then goes on to provide concise discussions of preoperative preparation, operative procedure, and postoperative management. The authors address the possible complications involved in each procedure and provide recommendations for how to avoid and manage them. Features: *380 full-color illustrations and photographs demonstrate key concepts with precision and clarity. * Step-by-step descriptions offer practical guidance for skin incision, operative exposure, patient positioning, surgical approaches, and various closing techniques. * Consistent organization throughout the chapters facilitates rapid reference to topics of interest. This atlas is an invaluable visual reference that is ideal for neurosurgeons, pediatric neurosurgeons, as well as residents preparing for board examinations.

Physical medicine and rehabilitation presents today's best physiatry knowledge and techniques, ideal for the whole rehabilitation team. This trusted reference delivers the proven science and comprehensive guidance you need to offer every patient maximum pain relief and optimal return to function. In this new edition, Dr. Randall L. Braddom covers current developments in interventional injection procedures, the management of chronic pain, integrative medicine, recent changes in the focus of stroke and brain injury rehabilitation, and much more. Access the complete contents online along with videos of injection techniques and 1000 new self-assessment questions.

Specifically designed for use in a fast-paced clinical setting, Pocket Atlas of Spine Surgery is a concise surgical guide that gives readers the essential tools needed to successfully perform spine surgery. It provides a distinctive view of complex spinal anatomy that facilitates a better understanding of the subtleties of both open and technically demanding minimally invasive spine procedures. Key Features: * An introductory chapter on patient positioning covers the basics for common cervical, thoracic, and lumbar procedures. * Detailed illustrations with unique anatomical overlays are provided for each step in a surgical procedure. * The procedures included represent most of those encountered in a typical spine surgery practice. * Tips and Pearls before you begin, key steps with visuals, and Potential Pitfalls are included for each procedure. This atlas will serve as a valuable resource to orthopedic surgeons, neurosurgeons, and surgical trainees as well as physician assistants, surgical nurses, and all those involved in the operative care of patients undergoing spine surgery.

From the authors of the bestselling Spine Surgery: Tricks of the Trade, here is the concise "how-to" guide on conducting diagnostic spine exams. The text begins with a thorough review of the fundamentals, including basic anatomy and neurology, and goes on to systematically outline tests for the cervical, thoracic, and lumbar spine—an ideal resource for both beginners and practicing physicians. Key features include: * Nearly 200 line drawings that illustrate techniques of motor, sensory, reflex, and range-of-motion exams. * Includes special tests for scoliosis and other spine disorders to expand your scope of diagnostic procedures. * Sufficient and easy-to-understand descriptions for easy mastery of concepts. * Well-organized by cervical, thoracic, and lumbosacral sections to streamline localization of specific exams. This straightforward pictorial aid is the perfect companion for spine surgeons, orthopedists, chiropractors, and neurosurgeons, as well as an ideal orientation for residents. From critical anatomy to step-by-step instructional guidelines, it will enhance your examination skills and refresh your understanding of the frequently performed spinal test.
The Basics - features the basic principles and facts essential for a good practitioner.

Rothman-Simeone The Spine helps you achieve optimal outcomes in the clinical practice of spine surgery in adults and children. Drs. Harry N. Herkowitz, Steven R. Garfin, Frank J. Eismont, Gordon R. Bell, Richard Balderson, and an internationally diverse group of authorities help you keep up with the fast-paced field and get the best results from state-of-the-art treatments and surgical techniques, such as spinal arthroplasty and the latest spinal implants and equipment. An all-new full-color design and surgical videos on DVD and online at our associated website make this classic text more invaluable than ever before.

Rapid Neurology and Neurosurgery is a must for all medical students and junior doctors - it is a quick and easy on-the-ward or clinic reference and the perfect revision tool for those approaching finals, undergraduate neurology and neurosurgery examinations, and the Membership of Royal College of Surgeons (MRCS) examinations. It provides a concise, structured approach to neurology and neurosurgery learning, covering key facts in a simple and memorable way: Part I - The Basics - features the basic principles and facts essential for a good understanding of neurology and neurosurgery and includes sections on relevant neuroanatomy, neurological history and examination; and investigations including neurophysiology and neuroradiology. MRI and CT scans are included throughout the text. Part II - Complaints: face to face with the patient - features OSCE-style and viva-voce examination preparation and has chapters on presenting complaints with relevant and selected questions to ask for establishing the differential diagnoses (presented in a table) with basic investigations and management. Part III - Conditions: applying the basics - presents important clinical conditions with...
This is not a surgical textbook. The surgical descriptions are purposely superficial, rationale for the surgery and the surgical approach. This book is intended for the imaging and diagnosis of local spine and adjacent soft tissue postoperative hardware that is utilized to treat spine disease, with new approaches constantly instrumentation utilized. Further complicating matters are the bewildering array of surgery, their underlying pathology, surgical approach, and the devices or musculoskeletal conditions are included, from physical injuries to tumors to disorders that appear to be similar. All of the most frequently encountered musculoskeletal conditions are included, from physical injuries to tumors to infectious diseases.

John A.M. Taylor
Elsevier
9781416056232
21.01.2010
Oprawa: twarda
677,00 zł

Use this atlas to accurately interpret images of musculoskeletal disorders! Taylor, Hughes, and Resnick's "Skeletal Imaging: Atlas of the Spine and Extremities, 2nd Edition" covers each anatomic region separately, so common disorders are shown within the context of each region. This allows you to examine and compare images for a variety of different disorders. A separate chapter is devoted to each body region, with coverage of normal developmental anatomy, developmental anomalies and normal variations, and how to avoid a misdiagnosis by differentiating between disorders that appear to be similar. All of the most frequently encountered musculoskeletal conditions are included, from physical injuries to tumors to infectious diseases.

Specialty Imaging: Postoperative Spine
Jeffrey S. Ross
Lippincott Williams and Wilkins
9781931884891
01.01.2012
Oprawa: twarda
944,00 zł

10-20 per cent of spinal surgery patients will experience one or more complications from their surgery. These complications are intimately tied to the specifics of their surgery, their underlying pathology, surgical approach, and the devices or instrumentation utilized. Further complicating matters are the bewildering array of hardware that is utilized to treat spine disease, with new approaches constantly becoming available. The goal of "Specialty Imaging: Postoperative Spine" is to provide a broad overview of the role of advanced imaging for the diagnosis and management of the postoperative spine patient. Thus this book covers normal (preoperative) spine anatomy, gives brief synopses of common surgical approaches, and covers the appearance of the normal postoperative state. Emphasis is given to the imaging and diagnosis of local spine and adjacent soft tissue postoperative complications, as well as remote complications and general medical complications. This is not a surgical textbook. The surgical descriptions are purposely superficial, and geared toward radiologists who want a general understanding of the clinical rationale for the surgery and the surgical approach. This book is intended for...

Spinal Cord Injuries, the newest volume in "The Handbook of Clinical Neurology" series, offers a comprehensive and detailed overview of the rapidly evolving science and treatment of spinal cord injury. Advances in neuroimaging, surgical treatment and application of electrical stimulation are dramatically impacting the treatment and outcome of these injuries. It provides a clear introduction to the core science of spinal cord injury, as well as to exciting research investigating new treatment options. Coverage includes brain-machine interfaces, transcranial stimulation, new pharmacological strategies, use of olfactory eneathating cells, stem cells and precursor cells, gene therapy and molecular target discovery. This volume is a great resource for neuroscience and clinical neurology research specialists and practicing neurologists seeking a clear reference to the science and treatment of spinal cord injury. It provides: comprehensive coverage of the latest scientific understanding of spinal cord injuries; detailed coverage of current treatment best practices and potential future treatments; and, leading edge research programs to future treatment opportunities.

Skeletal Imaging: Atlas of Anatomy, Head, Neck and Neuroanatomy
Friedrich Paulsen
Elsevier
9780723437338
21.01.2010
Oprawa: twarda
251,00 zł

This title includes: Image database: All Sobotta figures including the figures of the previous edition in high resolution; Exam coach: Drag & drop labels for selected exam-relevant figures, perfect for self test; Diszo: Figures relevant for dissection can be printed and taken along to the dissection course; Additional tips that help to avoid mistakes during dissection. Here comes the winning team for exam preparation: "Sobotta - Atlas of Human Anatomy" with online access.

Spinal Nerve and Spinal Nerve Roots
Joost Verhaagen
Elsevier
9780444521378
26.11.2012
Oprawa: twarda
889,00 zł

Written by leading experts from the fields of neurosurgery, radiation oncology, and medical physics, this book is the definitive reference for clinical applications of state-of-the-art radiosurgery of the spine. It discusses the benefits as well as the limitations of current spine radiosurgery treatments for benign and malignant spine disorders, primary and metastatic tumors, and spinal cord arteriovenous malformations. The opening chapters present the essential background information on relevant spinal cord radiobiology, physics, and technology, followed by chapters on specific applications of spine radiosurgery covering indications, techniques, outcomes, and possible complications. Highlights: Practical guidelines on radiosurgery target delineation, dose selection and escalation, patient immobilization, and quality assurance Comprehensive discussion of the design of various radiosurgical devices and the technical approaches recommended for the use of each More than 100 Illustrations, most in full-color, to demonstrate key concepts This is a must-have resource for clinicians, medical physicists, fellows, and residents in neurosurgery and radiation oncology. Spine surgeons orthopaedists, ...
The Comprehensive Treatment of the Aging Spine provides all the state-of-the-art coverage you need on both operative and non-operative treatments for different clinical pathologies of the aging spine. Dr James Yue and a team of talented, pioneering orthopedic surgeons and neurosurgeons cover hot topics like minimally invasive fusion, dynamic stabilization, state-of-the-art intraspinal and biologic devices, and more. It is in print and online.

This title helps you build a solid foundation of knowledge based on the fundamentals and employ step-by-step instruction from “Spine Surgery”. Edited by Edward C. Benzel, this best-selling medical reference explores the full spectrum of surgical techniques used in spine surgery and delivers the comprehensive, cutting-edge guidance you need to achieve successful outcomes. Online access, thorough updates, contributions by leading international authorities, an abundance of detailed illustrations, and procedural video clips provide everything you need to avoid and manage complex problems.

Spine Surgery

Edward C. Benzel
Elsevier
9781437705874
28.06.2012
Oprawa: twarda
1287,00 zł
Po rabacie: 1690,00 zł

The Comprehensive Treatment of the Aging Spine - a "Secrets Series®" title in the new Plus format - gives you the answers you need to succeed on your rotations, your boards, and your career. Dr. Vincent J. Devlin provides the expert perspective you need to grasp the nuances of spine surgery and related specialties. This new edition offers expanded coverage, a larger format, and colorful visual elements to provide an overall enhanced learning experience. At this, along with the popular question-and-answer approach, makes it a perfect concise board review tool and a handy clinical reference.

Spine Secrets Plus

Vincent J. Devlin
Elsevier
9780323096526
14.07.2011
Oprawa: miękka
287,00 zł
Po rabacie: 214,00 zł

The science of autism has seen tremendous breakthroughs in the past few decades. A multitude of relatively rare mutations have been identified to explain around 15% of autism cases with many of these genetic causes systematically examined in animal models. This marriage of human genetics and basic neurobiology has led to major advances in our understanding of how these genetic mutations alter brain function and help to better understand the human disease.

These scientific approaches are leading to the identification of potential therapeutic targets for autism that can be tested in the very same genetic models and hopefully translated into novel, rational therapies. The Autisms: Molecules to Model Systems provides a roadmap to many of these genetic causes of autism and clarifies what is known at the molecular, cellular, and circuit levels. Focusing on tractable genetic findings in human autism and painstakingly dissecting the underlying neurobiology, the book explains, is the key to understanding the pathophysiology of autism and ultimately to identifying novel treatments.

The Autisms: Molecules to Model Systems

Craig M. Powell
Oxford University Press Inc
9780199744312
22.11.2012
Oprawa: twarda
489,00 zł
Po rabacie: 441,00 zł

Studies of human movement have proliferated in recent years. This greatly expanded and thoroughly updated reference surveys the literature on the corticospinal control of spinal cord circuits in human subjects, showing how different circuits can be studied, their role in normal movement and how they malfunction in disease states. Chapters are highly illustrated and consistently organised, reviewing, for each pathway, the experimental background, methodology, organisation and control, role during motor tasks and changes in patients with CNS lesions. Each chapter concludes with a helpful resume that can be used independently of the main text to provide practical guidance for clinical studies. The final four chapters bring together the changes in transmission in spinal and corticospinal pathways during movement and how they contribute to the desired movement. This book is essential reading for research workers and clinicians involved in the study, treatment and rehabilitation of movement disorders.

The Circuity of the Human Spinal Cord

Emmanuel Pierrot-Deseilligny
Cambridge University Press
9780521192583
Oprawa: twarda
656,00 zł
Po rabacie: 591,00 zł

Presented in a highly efficient question-and-answer format, The Essential Neurosurgery Companion is a portable handbook for quick referencing of key concepts encountered in neurosurgical practice. With a strong focus on the realities residents face each day, the book covers practical issues such as how to apply to residency programs, what to do during rounds, and how to examine patients, as well as more advanced issues in all areas of neurosurgical management. Key Features: * More than 5,000 individual questions with corresponding answers in tabular format distill large amounts of information * Detailed color illustrations create visual summaries of complex content * A logical progression of difficulty, from basic concepts to high-level surgical topics * Reviews both key fundamentals and more advanced clinical concepts in neurosurgery * Includes a helpful appendix highlighting surgical anatomy pearls Residents involved in the practice of neurosurgery around the globe will want this compelling guide in their armamentarium whether for daily rounds or preparing for boards. Clinicians will find it a valuable resource to consult in everyday practice.

The Essential Neurosurgery Companion

Jaime Gasco
Thieme
9781604067354
17.10.2012
Oprawa: miękka
294,00 zł
Po rabacie: 355,00 zł

The science of movement disorders progresses at a rapid pace. The Essential Movement Disorders Companion provides practical guidance and expert insight for the busy neurologist. Key features: * A logical progression from basic concepts to high-level clinical issues * Reviews both fundamentals and more advanced clinical concepts * A comprehensive index and detailed subject concordance make this a quick reference to turn to for key information * Concise, yet comprehensive, questions and answers * A companion website with additional resources to supplement the book.
The Lower Limb and Spine, Part 2 of “The Netter Collection of Medical Illustrations: Musculoskeletal System, 2nd Edition”, provides a highly visual guide to the spine and lower extremity, from basic science and anatomy to orthopaedics and rheumatology. This spectacularly illustrated volume in the masterwork known as the (CIBA) “Green Books” has been expanded and revised by Dr. Joseph Iannotti, Dr. Girish Fatterpekar, MD uses a logical organization throughout, making referencing strategically sequenced questions and answers fully explore the breadth of neurosurgery and present complex subjects in an easily accessible manner. Each question directly refers by millimeter to a specific location in the Seventh Edition of the Handbook. Features * Nearly 10,000 highly relevant study questions, including 2,500 that are new this edition * Questions presented in a variety of formats -- true / false, multiple choice, and open-ended -- just like on the written board exam * Short answers appear on the same page as questions to save vital study time * New chapters cover neuroanesthesia, neurocritical care and stroke neuroendovascular...
Traumatic Brain and Spinal Cord Injury

Cristina Morganti-Kossmann
Cambridge University Press

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Traumatic Brain and Spinal Cord Injury comprehensively covers the medical and pathological issues related to neurotrauma and its often-devastating consequences. Written by globally renowned experts in the field, both clinicians and researchers will find this book invaluable to update their knowledge. This volume is divided into two sections, one covering the brain, the other the spinal cord. Each section discusses the following topics: * The demographic in the developed and developing world where neurotrauma is witnessing a massive expansion * Major clinical issues including advanced semi-experimental monitoring techniques utilized by neurosurgeons and intensivists and the potential use of identifying markers of tissue injury * Overview of major pathophysiological changes * The development of animal models; successes and limitations * Past, current and future therapeutic strategies including rehabilitative opportunities. Presenting the most up-to-date clinical and experimental research in neurotrauma, this volume is essential reading for neurologists, neurosurgeons, intensive care physicians and rehabilitative physicians.
The book invites the reader to an exciting journey through the vast fields of neurosurgery. The authors outline the patient presentation, radiologic findings, diagnosis, and treatment, followed by a discussion, to help you quickly master the thinking behind planning complicated spinal procedures. Highlights: Organizes cases in an easy-to-follow manner perfect for the busy practitioner and resident Covers challenging cases arising from a broad spectrum of causes, including traumatic, inflammatory, neoplastic, infectious, and degenerative Includes more than 180 images and illustrations, such as MRI and CT scans, myelograms, angiograms, x-rays, and intraoperative photographs Discusses the technologies pertaining to bone morphogenetic protein and percutaneous spine surgery to help the clinician remain at the forefront of the spine field Covers surgical treatments of unusual disorders, including Klippel-Feil syndrome, thoracic outlet syndrome, dysplasia, arachnoiditis, ankylosing hyperostosis of Forestier and Rotes-Querol, thoracic arteriovenous fistula, and achondroplasia This text is a must for orthopaedic surgeons, spine surgeons, neurosurgeons, and residents in spine surgery.

This interdisciplinary atlas is the fruit of cooperation among radiologists, orthopedic surgeons, traumatologists, and neurosurgeons. Clinically oriented, it covers all important diseases and injuries of the spine. Numerous illustrations are supplemented by concise descriptions of anatomy and pathophysiology, normal and abnormal MRI appearance, diagnostic pitfalls, and the clinical significance of MRI. The didactic style establishes the fundamentals of spinal anatomy and disease as a basis for understanding diagnostic strategies and surgical management. By combining descriptions of the clinical manifestation of spinal disorders with the corresponding MRI findings, the book develops a meaningful approach to the interpretation of MRI of the spine.

Over the past decade, there has been rapid growth in bioengineering applications in the field of spine implants. This book explains the technical foundation for understanding and expanding the field of spine implants, reviews the major established technologies related to spine implants, and provides reference material for developing and commercializing new spine implants. The editors, who have a track record of collaboration and editing technical books, provide a unified approach to this topic in the most comprehensive and useful book to date. Related website provides the latest information on spine technology including articles and research papers on the latest technology and development. Major technologies reviewed include devices used for fusion (screws, plates, rods, and cages), disc repair and augmentation, total disc replacement, and vertebral body repair and augmentation. Technology landscape, review of published/public domain data currently available, and safety and efficacy of technology are discussed in detail.
This volume covers stereotactic principles and functional stereotaxis. Amongst the stereotactic principles are discussions of frame-based and frameless systems of stereotaxis, image guidance stereotaxis, atlases and the technical aspects of radiosurgery. Within functional neurosurgery, disorders covered include the diagnosis and management of pain, epilepsy, movement disorders and the rediscovered field of surgery for psychiatric disorders.

Tumor Neurosurgery provides information on the basic knowledge and clinical management required for optimal care of neurooncology patients. Providing an up-to-date synopsis of the field of tumor neurosurgery, the book covers the most common sites and tumor pathologies encountered by neurosurgeons. The chapters are organized under broad topics, including investigative studies, perioperative care and the role of newer techniques. The clinical management of CNS tumors in adults and children is described, including spinal tumors, both intradural and extradural. This book provides coverage of relevant topics in the field of tumor neurosurgery, for residents and registrars in training, and for recent graduates of training programs.

Tumors of the Brain and Spine focuses primarily on approaches to the treatment of benign, primary low-grade to high-grade, and metastatic tumors in the brain and spine, as practiced by surgeons and clinicians at the University of Texas M. D. Anderson Cancer Center. The book is written mainly for the primary care oncologist, general neurologist, and general neurosurgeon. Discussion of treatment coverage focuses on neurosurgery, chemotherapy, and radiation therapy, singly and in combination. Also included are chapters on symptom management, molecular genetics and neuropathology of intracranial tumors, leptomeningeal dissemination of systemic cancer, epidemiology of brain tumors, and innovative treatment strategies.

Effectively perform today’s most effective, state-of-the-art neurosurgical procedures with Youmans Neurological Surgery, 8th Edition, edited by H. Richard Winn, MD. Still the cornerstone of unquestioned guidance on surgery of the nervous system, the new edition updates you on the most exciting developments in this ever-changing field. In print and online, it provides all the cutting-edge details you need to know about functional and restorative neurosurgery/deep brain stimulation, stem cell biology, radiological and nuclear imaging, neuro-oncology, and much more. And with nearly 100 intraoperative videos online at www.expertconsult.com, as well as thousands of full-color illustrations, this comprehensive, multimedia, 4-volume set remains the clinical neurosurgery reference you need to manage and avoid complications, overcome challenges, and maximize patient outcomes.

New to this edition
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