Neurology And Neurosurgery Illustrated

Written by experts in the field, this beautifully illustrated text/atlas provides the tools you need to directly visualize and interpret cranial CT and MR images. It reviews with exacting detail the normal anatomic brain structures identified on sagittal, coronal, and axial imaging planes. Use this book to make accurate and complete neurological assessments at the earliest possible stages - before reaching the sectioning or operating table.This revised and expanded third edition contains nearly 600 illustrations - most in color - that provide graphic representations of brain structures, arteries, arterial territories, veins, nerves and neurofunctional systems. The illustrations depict anatomic structures in shades of gray similar to the way they are seen in CT and MR images.Highlights of the third edition:- Content and illustrations expanded by more than 20%- High resolution T1 and T2 weighted MR images- Improved anatomic terminology for more accurate descriptions of findingsClinically relevant, easily readable, and clearly organized, this well-illustrated book is an essential introduction to the field for medical students and residents in neurology, neurosurgery, neuroradiology, and radiology. Practicing specialists will also benefit from this practical day-to-day tool.

Four master neurosurgeons bring a wealth of collective neurosurgical and neuroendovascular experience to this remarkable reference book, which melds a detailed anatomical atlas with clinical applications. The authors provide case reviews and pearls that demonstrate how anatomy impacts clinical practice decisions for aneurysm, stroke, and skull-base disease. Highlights: Comprehensive variations of the vasculature at the Circle of Willis, cortical branches, and secondary arteries Range and average measurements of the most critical vessels Hundreds of color photographs elucidate precise anatomical cadaver dissections Exquisite illustrations by Paul H. Dressel This richly illustrated, comprehensive anatomical resource is a must have for neurosurgeons, neuroradiologists, and neurologists. Whether you are a practicing clinician or resident, reading this book will greatly expand your "vision" and sharpen your perception.

The second edition of this practical guide provides a thorough introduction to the essential concepts of clinical neurology. Coverage includes history-taking; the neurological examination and ancillary tests; topical diagnosis and differential diagnosis of typical syndromes; the diseases of the central nervous system, peripheral nerves, autonomic nervous system, and muscles; epilepsy; and inflammatory diseases such as multiple sclerosis. Central to the book are the lucid structuring of complex contents allowing efficient learning, even without prior knowledge of the subject; and the vital link between theory and clinical practice, with essential information on history-taking, the clinical examination, and additional tests, all supported by informative graphics and appropriate computed tomography or magnetic resonance imaging studies. Key Features: Complete revision of contents and an enhanced layout from the first edition Brilliant format and structure, making the assimilation of complex information easy and efficient Clear color illustrations and graphics, many new or revised for the second edition Comprehensive tables expand and organize information on many topics Vast clinical experience of two highly respected university teachers Fundamentals of Neurology: An Illustrated Guide, Second Edition, is the ideal introduction to clinical neurology for medical students, physical therapists, and other professionals involved in patient care.

The content concentrates on common problems likely to be encountered in clinical practice. MRI halftones are included, and this edition has been thoroughly updated to reflect the rapid changes in this fast-moving field.

Powerful Patriots
Essential Neurology
Textbook of Interventional Neurology
Sagittal Balance of the Spine
Illustrated Questions and Answers

Why has the Chinese government sometimes allowed and sometimes repressed nationalist, anti-foreign protests? What have been the international consequences of these choices? Anti-American demonstrations were permitted in 1999 but repressed in 2001 during two crises in US-China relations. Anti-Japanese protests were tolerated in 1985, 2005, and 2012 but banned in 1990 and 1996. Protests over Taiwan, the issue of greatest concern to Chinese nationalists, have never been allowed. To explainthis variation in China's response to nationalist mobilization, Powerful Patriots argues that Chinese and other authoritarian leaders weigh both diplomatic and domestic incentives to allow and repress nationalist protests. Autocrats may not face electoral constraints, but anti-foreign protests provide an alternative mechanism by which authoritarian leaders can reveal their vulnerability to public pressure. Because nationalist protests are costly to repress and may turn against the government, allowing protests demonstrates resolve and increases the domestic cost of diplomatic concessions. Repressing protests, by contrast, sends a credible signal of reassurance, facilitating diplomatic flexibility and signaling a willingness to spend domestic political capital for the sake of international cooperation. To illustrate the logic, the book traces the effect of domestic and diplomatic factors in China's management of nationalist protest in the post-Mao era (1978-2012) and the consequences for China's foreign relations.

Concise yet comprehensive, Clinical Neurology, Fourth Edition builds on the success of three previous editions in helping medical students, junior doctors, and practicing physicians acquire an improved understanding of the principles of neurology. The fourth edition has been fully revised and updated to take into account current developments in the investigation and treatment of neurological disorders. It retains a clinical focus, emphasizing the basic skills of history taking and neurological examination throughout. This edition presents expanded coverage of neurophysiology and motor neurone disease. Authored and edited by leading figures in neurology, this book is an indispensable introduction to the field of clinical neurology, for use in training and study as well as in the clinical setting.

A History of Neurosurgery is the first thorough book on the history of neurosurgery published since 1951. The book is organized around a specific historiographic framework that traces the advancement of the specialty. Included are chapters on ancient trepanation, Macewen's first use of the combined technologies of anesthesia, antisepsis and cortical localization in 1879 to plan and perform craniotomies, the emergence of Harvey Cushing's leadership, the evolution of modern neurosurgical techniques and technology and much more.

Now fully revised and updated, this leading ICT series volume offers concise, superbly illustrated coverage of neuroanatomy, that throughout makes clear the relevance of the anatomy to the practice of modern clinical neurology. Building on the success of previous editions, Neuroanatomy ICT, sixth edition has been fine-tuned to meet the needs of today's medical students – and will also prove invaluable to the range of other students and professionals who need a clear, current understanding of this important area. Generations of readers have come to appreciate the straightforward explanations of complex concepts that students often find difficult, with minimum assumptions made of prior knowledge of the subject. This (print) edition comes with the complete, enhanced eBook – including BONUS figures and self-assessment material – to provide an even richer learning experience and easy anytime, anywhere access! Notoriously difficult concepts made clear in straightforward and concise text Level of detail carefully judged to facilitate understanding of the fundamental neuroanatomical principles and the workings of the nervous system, providing a sound basis for the diagnosis and treatment of contemporary neurological disorders Clinical material and topic summaries fully updated and highlighted in succinct boxes within the text Memorable pictorial summaries of symptoms associated with the main clinical syndromes Over 150 new or revised drawings and photographs further improve clarity and reflect the latest imaging techniques New expanded coverage of neuropsychological disorders and their relationship to neuroanatomy – increasingly important given aging populations Access to the complete, enhanced eBook – including additional images and self-assessment material to aid revision and check your understanding.

Case Studies in Neuroanesthesia and Neurocritical Care
Functional Mapping of the Cerebral Cortex
The Comprehensive Neurosurgery Board Preparation Book
An Illustrated Guide
Neurology and Neurosurgery Illustrated

Unique resource from internationally renowned experts details the key role of sagittal spine balance Through evolution, human verticality became associated with a wide range of normal pelvic shapes and associated pelvic incidence angles (PIs). While all types of sagittal alignment generally provide adequate support to young adults, age, stress, and related degeneration can progressively lead to sagittal imbalance and contribute to various spinal pathologies. Sagittal Balance of the Spine by Pierre Roussouly, João Luiz Pinheiro-Franco, Hubert Labelle, Martin Gehrchen, and a cadre of esteemed international contributors focuses on the importance of sagittal alignment and spino-pelvic shape identification in clinical practice. Offering the most comprehensive text on sagittal balance to date, this state-of-the-art, richly illustrated book fills a void in the literature, offering clinical pearls throughout seven sections and 24 chapters. Key Highlights The biomechanics of sagittal balance including spine modeling, primary parameters, spinal curves segmentation, and lumbar lordosis classification The role of sagittal balance in low back pain and degeneration, with discussion of spinal orientation and the contact forces theory, spinal degeneration associated with spinopelvic morphotypes, and compensatory mechanisms Comprehensive analysis of the relationship between sagittal imbalance and isthmic lysis spondylolisthesis, degenerative spondylolisthesis, Scheuermann's kyphosis, adolescent idiopathic scoliosis, and adult scoliosis Posterior and anterior treatment approaches – from spinal fixation and spinal fusion – to spinal osteotomy techniques and management of surgical failure This text is essential reading for every neurosurgical and orthopaedic resident, as well as veteran surgeons who evaluate and treat patients with spine conditions. Clinicians will learn why incorporating sagittal balance evaluations into spinal exams is integral to devising more effective treatment strategies and achieving improved outcomes.

Up-to-date, comprehensive, and beautifully illustrated, Laboratory Diagnosis in Neurology presents all the measuring parameters and methods relevant to the analysis of cerebrospinal fluid, serum, and tissues affected by neurologic disease and syndromes. Following an introduction to basic concepts, the book guides clinicians through the methods of CSF analysis, neurochemical examinations, clinical applications of neuroimmunology, microbiology and virology, neurogenetic tests, and evaluation of biopsies. Readers will learn about the equipment and various procedures, and how to effectively differentiate similar methods. In the final section of the book, the authors provide a systematic introduction to the pathophysiology and laboratory findings for specific clinical disorders, indications for particular test methods, and criteria for diagnostic interpretation.Key features: Clear presentation of pearls, pitfalls, and practical tips in blue boxes for at-a-glance review Contributions by neurologists, psychiatrists with experience in laboratory analysis, clinical chemists, and neurochemists More than 140 high-quality illustrations, mostly in full color, demonstrating common findings Appendix with basic rules for interpreting disease-specific patterns, recommendations for quality control, and a list of the most important reference values An indispensable tool for neurologists, laboratory physicians, and pathologists, this book is also a valuable reference for neurosurgeons, internists, and psychiatrists.

Designed as a diagnostic tool for non-neurologists or first-year neurology residents, this pocket guide contains the most essential information from the best-selling DeJong's The Neurologic Examination, Sixth Edition. Included are step-by-step instructions for each stage of the neurologic examination, numerous illustrations depicting examination techniques, and frequently used tests and scales such as the Boston Naming Test, Glasgow Coma Scale, and Denver Scale of Communication Function. A "toolkit" at the back of the book contains lightweight adaptations of implements used in performing the examination, such as visual acuity charts, a red lens, a multi-pinhole, an optokinetic nystagmus tape, and other devices.

This is a practical and accessible review of neurologic critical care in the intensive care unit. The emphasis is on management in day-to-day practice. For the thoroughly updated and expanded second edition, the author has added new algorithms on outcome prediction in the specific disorders, and five new chapters on the organisation of the intensive care unit, acute spinal disorders, management of common postoperative neurosurgical compli-cations, and psychosocial issues, ethics, and withdrawal of life support. For quick reference in the ICU the most useful tables and figures have been extracted and reprinted in an accompanying pocket-sized booklet.

Safe Surgery in Eloquent Brain
The Clinical Practice of Critical Care Neurology
Clinical Evoked Potentials
Clinical Neurology and Neurosurgery

The anesthetic considerations and procedures involved in the perioperative care of the neurosurgical patient are among the most complex in anesthesiology. The practice of neurosurgery and neuroanesthesiology encompasses a wide range of cases, from major spine surgery, to aneurysm clipping and awake craniotomy. Case Studies in Neuroanesthesia and Neurocritical Care provides a comprehensive view of real-world clinical practice. It contains over 90 case presentations with accompanying focussed discussions, covering the broad range of procedures and monitoring protocols involved in the care of the neurosurgical patient, including preoperative and postoperative care. The book is illustrated throughout with practical algorithms, useful tables and examples of neuroimaging. Written by leading neuroanesthesiologists, neurologists, neuroradiologists and neurosurgeons from the University of Michigan Medical School and the Cleveland Clinic, these clear, concise cases are an excellent way to prepare for specific surgical cases or to aid study for both written and oral board examinations.

Nothing brings on the pressure like claim denials and revenue loss. Wouldn't it be great if you could instantly up your coding game? Now you can with the Coders' Specialty Guide 2022: Vascular Surgery. Find codes swiftly, perfect your accuracy, and rev up your productivity with this specialty guide created exclusively for vascular surgery coders. It's one code, one page design gives you everything you need to code a procedure, all neatly organized for speedy access—ICD-cross references, CCI edits, code indicators, modifier crosswalks, and lay terms in everyday language, along with HCPCS and BETOS codes, and more. Defeat your coding challenges and optimize your revenue with these features: Vascular Surgery CPT® codes, including the 2022 codes Official descriptors for Categories I-III Practical advice for new and revised 2022 codes Expert tips to streamline your coding and billing Straightforward lay term explanations for each procedure Medicare Fee Schedule updates (hospitals and physicians) RVUs (facility and non-facility) CCI edits for each specialty procedure Helpful indicators and medical terminology HCPCS codes with lay terms and expert coding and reimbursement advice Navigation-friendly headers and tabs Comprehensive code index with page numbers Illustrations with correlating codes to select the proper code Streamline your coding process and increase your reimbursement with the Coders Specialty Guide 2022: Vascular Surgery! CPT® is a registered trademark of the American Medical Association.

Whatever you may say about Professor Samii, his take on neurosurgery cannot be ignored. In this book readers will find pieces that express the philosophy of the most well-known 'Neurosurgical School'. International experts present Professor Samii's teaching and philosophy in dealing with the most difficult neurosurgical pathologies as well as future developments. Basic concepts in neurosurgical sciences, modern surgical techniques and cutting-edge technology are presented in detail.

Perfect for anyone considering or training in this challenging specialty, Principles of Neurological Surgery, 4th Edition, by Drs. Richard G. Ellenbogen, Laligam N. Sekhar, and Neil Kitchen, provides a clear, superbly illustrated introduction to all aspects of neurosurgery–from general principles to specific techniques. Thorough updates from leading authors ensure that you'll stay abreast of the latest advances in every area of neurosurgery, including pre- and post-operative patient care, neuroradiology, pediatric neurosurgery, neurovascular surgery, trauma surgery, spine surgery, oncology, pituitary adenomas, cranial base neurosurgery, image-guided neurosurgery, treatment of pain, epilepsy surgery, and much more.

Neuro-ophthalmology Illustrated
A History of Neurosurgery
Diagnostic Neuroradiology
Rapid Neurology and Neurosurgery
The NeuroICU Book, Second Edition

Die englische Übersetzung der erfolgreichen deutschen Ausgabe des Buches wurde für den englischsprachigen Markt überarbeitet und aktualisiert. Das Buch liefert eine umfassende Zusammenstellung der Kleintierneurologie in allen klinischen Fragestellungen. Der allgemeine Teil präsentiert detaillierte Ausführungen zum neurologischen Untersuchungs-gang, zur Neuropathologie und zu genetischen Krankheiten. Einen guten Einstieg in die praxisrelevanten Grundlagen der Neurologie geben einzelne Kapitel zu Laboruntersuchungen, Anästhesie, Radiologie und Elektrodiagnostik, Rehabilitation, Pharmakologie. Die Neurochirurgie und neurologische Notfälle werden ausführlich vorgestellt. Der spezielle Teil geht auf die spezifischen neurologischen Erkrankungen nach ihrer Lokalisation ein und bietet konkrete Angaben zur Diagnose und Therapie besonderer Krankheitsbilder. Außergewöhnlich sind die Darstellung der Neuroanatomie und -pathologie mit Bildgebenden Verfahren als Bildanhang im Buch und die beigelegte CD-ROM mit der Darstellung des Untersuchungsganges und neurologischen Fallbeispielen.

In this monograph, the authors summarize their findings in complex neuroimaging work (cranio-, spondylo-, myelo- and angiography as well as CT and MR imaging of the brain and spine) during their longstanding experience at the N. Burdenko Neurosurgical Institute in Moscow. The book begins with a review of modern neuroimaging techniques: CT and MR angiography, perfusion and diffusion imaging, tractography, spectroscopy and functional MR imaging. The problems and various other aspects of diagnosis of intra- and extra-axial brain tumors (more than 30,000 verified cases) as well as of cerebrovascular, infectious, demyelinating, degenerative and traumatic brain and spine lesions are discussed. The volume is well illustrated with angiographic, CT and MR images of complex diagnostic studies. The numerous images represent a "visual text," which can be used as an atlas by practical clinicians. This book is a comprehensive reference manual for neurologists, neurotraumatologists and radiologists. It may also be of interest to technicians, medical physicists, students and other specialists interested in neurovisualization and diagnostic imaging.

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 the 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 sections on definition; epidemiology; aetiology; associations/risk factors; pathology; history; examination; investigations; management; complications; prognosis and a list of differential diagnoses usually in a table with general clinical information and distinguishing information to exclude the alternative diagnoses. Each chapter also includes key points to remember and highlights key facts. Rapid Neurology and Neurosurgery contains only the essential, core, and relevant facts in a concise, pocket-sized, 'rapid' refresher providing a thorough foundation of neurology and neurosurgery knowledge allowing you to excel in the examinations.

Problem Based Neurosurgery is a remarkable fusion of recent advances in neuro-imaging and neurosurgery with modern teaching of integrated system based curricula. It approaches each problem systematically from history, and physical examination to differential diagnosis, investigations and management options. The book captures four decades of advances and experiences in diagnosis and management of patients. The problems upon which the book is based are real patients and cover all aspects of neurosurgical practice with up to date modern images. The blend of new scientific discoveries, modern imaging and the art of smart history and physical examinations underpins the book to improve diagnosis, investigation and the care of neurosurgical patients.The main thrust of this book is that it is based on clinical problems faced by fellows, residents and students, rather than traditional topic based. Problem based learning and management is the modern method of teaching in the new curriculum of teaching neurosurgery. It is a practical handbook that will help students, residents and community doctors alike. There is no similar book on the market that fulfills the objectives of this handbook.

The Legacy of Harvey Cushing
Cranial Neuroimaging and Clinical Neuroanatomy
Essential Neurosurgery
Nationalist Protest in China's Foreign Relations
IAN Textbook of Neurology

This is the latest edition of the classic book on the subject of multiple sclerosis. An international group of authors has been involved in updating this edition which features more information on imaging and investigations, and a new chapter on neurobiology and glial development. new edition of the classic book on the subject four new authors, all internationally known authorities from UK, Canada, Germany & Austria much more on imaging and investigations than 2E new chapter on neurobiology and glial development much better illustrated than 2E very well referenced totally rewritten, except for chapters 2 & 3 on symptoms and diagnosis, which have been revised

The acclaimed protocol-based guide to neurocritical care – essential for daily practice and the boards An immediate classic, this groundbreaking text is based on the premise that neurointensivists must be trained to handle not only the brain, but the entire body. The NeuroICU Book, Second Edition does not limit coverage to the brain and spine – it spans all organ insufficiencies and failures – along with neurologic illnesses. Thoroughly updated to keep pace with all the advances in this emerging field, the Second Edition of The NeuroICU Book combines the latest clinical perspectives in critical care medicine, neurology, and neurosurgery. This practical, evidence-based text standardizes neurocritical care and takes you through the rationale for those standards. Filled with detailed case studies and enhanced by a question-and-answer format, the book not only builds competency in recognizing acute changes in neurological function, but also addresses all organ insufficiencies and failures, reflecting the real-life challenges in the modern neuro-ICU. FEATURES • Strong emphasis on clinical practicality • Evidence-based approach leverages the scientific and controlled research that supports the key treatment methods outlined in the book • Practical tools include algorithms, tables, illustrations, photographs, detailed references, and critical take home points • Balanced coverage of neurologic and critical care and neurosurgery offers outstanding preparation for the neurocritical care board certification exam as well as an indispensable primer for daily clinical work • Second Edition includes new chapters covering CNS infection, paroxysmal sympathetic hyperactivity, acute liver failure, encephalopathy and delirium, spine trauma, pediatric neurosurgery, and carotid endarterectomy and extracranial-intracranial bypass

This book provides up-to-date, practical information on functional mapping in order to assist neurosurgeons responsible for safely removing lesions in and around eloquent cortex – one of the greatest challenges in neurosurgery. The roles of pre- and intraoperative mapping techniques are clearly explained, highlighting the advantages and limitations of each tool available to the neurosurgeon. The inclusion of treatment algorithms for applications in specific clinical circumstances ensures that the book will serve as a clear guide to this most complex of neurosurgical problems. To further assist the reader, instructive clinical case examples, accompanied by intraoperative photos and other illustrative material, help to explain the applications of functional mapping of eloquent cortex in different pathologies. Practitioners will find the book to be a ready guide to navigation of the practical decisions commonly faced when operating in eloquent cortex.

This book covers all aspects of evoked potentials (EPs) utilized clinically in evaluating the functional integrity of somatosensory, auditory, motor, and visual pathways in the nervous system. It explores techniques needed to correctly perform EPs, and discusses these

clinical neurophysiological tests that are performed in academic institutions and large community hospitals. Concise and comprehensive, this case-study rich text is divided into five chapters. Beginning with basic principles of evoked potential recording, the first chapter discusses signal enhancement and limitations of signal averaging. Chapter two then provides an overview of brainstem auditory EPs. Subsequent chapters then present visual EPs and somatosensory evoked potentials. Finally, the book concludes with clinical applications of transcranial magnetic stimulation, as well as a brief discussion of the techniques of transcranial electrical motor evoked potentials during intraoperative monitoring. Clinical Evoked Potentials: An Illustrated Manual functions as an essential reference for neurologists neurosurgeons, anesthesiologists, clinical neurophysiologists, and EP technologists, who are involved with the recording and interpretation of EPs primarily for diagnostic purposes.

Laboratory Diagnosis in Neurology

In Its Scientific and Professional Contexts

Fundamentals of Neurology

Small Animal Neurology

Clinical Neurology, 4th Edition

New edition of a highly successful illustrated guide to neurology and neurosurgery for medical students and junior doctors.

2010 Benjamin Franklin Silver Award Winner!Praise for this book:Superbly written...Each anatomic structure is discussed in detail, yet the language is concise and not overwhelming...accompanied by impressive color illustrations that are extensive and original...the perfect resource.--AANS (American Association of Neurological Surgeons) Young Neurosurgeons' NewsletterAnatomic Basis of Neurologic Diagnosis is a lavishly illustrated book that places special emphasis on the paramount importance of signs and symptoms for the accurate diagnosis of neurologic disorders. It opens with a comprehensive review of neuroembryology, enabling readers to gain knowledge of normal nervous system development and related developmental disorders. The second section of the book comprises an easily accessible presentation of the anatomy of regional parts and to-the-point information on the cardinal manifestations of disease. Separate chapters in the third section of the book present the anatomy of different functional systems and provide practical approaches to diagnosing patients with system disorders. A final chapter covers the anatomy of the vascular system and cerebrospinal fluid. Highlights: Practical organization of chapters, according to regions and functional systems, reflects the clinician's approach to patient care Full-color illustrations provide an indispensable visual aid to learning and reviewing clinically relevant neurologic anatomy and pathways Numerous tables summarize key points Ideal for reading cover-to-cover, this book is essential for residents and students seeking to fully understand the complexity of clinical neuroanatomy. Seasoned clinicians will find the book a valuable refresher.

Neurology and Neurosurgery Illustrated

Endovascular intervention - using medication and devices introduced through catheters or microcatheters placed into the blood vessels through a percutaneous approach - has emerged as a relatively new minimally invasive approach to treat cerebrovascular disease and possibly intracranial neoplasms. This textbook provides a comprehensive review of principles pertinent to endovascular treatment of cerebrovascular diseases and intracranial tumors, with a detailed description of techniques for these procedures and periprocedural management strategies. Particular emphasis is placed on expert interpretation of the quality of evidence provided and implications for practice related to endovascular procedures. This will be essential reading for clinicians working in interventional neurology and cardiology, endovascular neurosurgery, vascular surgery and neuroradiology.

Self-Assessment Colour Review

Neuroanatomy E-Book

Anatomic Basis of Neurologic Diagnosis

From Normal to Pathology: A Key for Treatment Strategy

Magnetic Resonance Imaging andComputed Tomography

This classic work is written for frontline clinicians who need to ask "Where is it?" when diagnosing a neurological disorder, helping them reach a diagnosis with greater accuracy and avoiding unnecessary testing. Updated to reflect the latest literature, enhanced with color anatomical diagrams and additional tables, Localization in Clinical Neurology is a cornerstone in clinical neurology.

A lavishly illustrated book on Cushing's pioneering career Derived from Harvey Cushing's remarkable personal collection in the Brain Tumor Registry, The Legacy of Harvey Cushing: Profiles of Patient Care presents a stunning historical account of Cushing's surgical cases and research from 1905 to 1930. This beautifully illustrated book features 800 of Cushing's surgical drawings and photographs of patients and tumor specimens. Preserved untouched for sixty years in the Yale University Library, the images provide the earliest catalog of neurological and neuropathological disease and reveal the techniques employed by the founder of modern neurosurgery. The editors have carefully integrated these high-quality photographs and illustrations into a compelling narrative constructed from patients' hospital records and Cushing's meticulous notes at preoperative and postoperative stages of management. Discharge notes, letters from the family of patients, photographs of patients (years after surgery), and death reports further humanize each clinical case and speak to Cushing's lasting dedication to his patients. The book provides a glimpse of the extraordinary contribution that both Cushing and his patients made to the progress of neurological surgery in the twentieth century. This unique book will be prized by today's generation of neurological surgeons and neuropathologists. A co-publication of Thieme and the American Association of Neurological Surgeons

A brand new edition of Essential Neurology brings the text fully up-to-date. This book is a core text for medical students and junior doctors, who want a comprehensive yet concise practical guide to clinical neurology. To make the book more readable and digestible, we have introduced colour into the text. This text provides clear explanations of the most common neurological and neurosurgical disorders. The most up-to-date clinical methods are covered to ensure students are learning the newest techniques. To enhance the readers' understanding of this subject more illustrations, line drawings and scans are incorporated into the text. Another new addition is the inclusion of clinical cases with self-assessment questions at the end of every chapter. These help to clearly illustrate the clinical presentations of key neurological disorders. Essential Neurology is ideal for medical students on neurology attachments and an excellent review text for the MRCP examination. Reviews of previous edition "This is an excellent introductory text for medical students who want their neurology without frills." —British Medical Journal "A well-presented manual of practical clinical neurology recommended as easy and enjoyable fundamental reading." —Brain "This is an excellent book with a very good all round approach to an understanding of neurology at student level" —Journal of Neurology, Neurosurgery and Psychiatry

Board certification by the American Board of Neurological Surgery is considered the gold standard for neurosurgeons practicing in the U.S. The ABNS primary examination requires many months of preparation, and passing it is both a significant accomplishment and integral component in becoming board certified. Contributions from current neurosurgical residents and seasoned practitioners infuse this book with a well-rounded perspective. Having been there and done that, the authors incorporated what they felt was missing from board review books when they sat for the exam – resulting in a "bucket list" study guide. The review is organized by neurosurgical topic with 20 chapters equally divided among questions followed by answers. Starting with physiology and anatomy, each chapter methodically covers core topics including radiology, neurology, pathology/histology, ophthalmology, and more. The authors provide brief explanations and pearls that accompany each question, which provide a solid springboard for delving deeper into any given topic. The easy-to-follow format enables residents to partake in long study sessions or tackle just a question or two in the midst of a busy day of neurosurgical service. Key Highlights More than 1,300 questions reflect key concepts in the ABNS primary exam Enhanced with more than 350 images, most in color, which reflect the computerized, image-rich format of the current exam A full-length practice test at the end of the book mirrors the cadence and time constraints of the actual exam Explanations of correct and incorrect answers facilitate learning and retaining vast amounts of material This comprehensive board review book will help neurosurgical residents of all levels prepare thoroughly for the March exam. It is a one-stop self-assessment tool for any neurosurgeon who endeavors to attain and maintain ABNS certification.

Neurological Differential Diagnosis

Coders' Specialty Guide 2022: Vascular Surgery

Vasculature of the Brain and Cranial Base

An Illustrated Manual

An Illustrated Colour Text

New edition of a highly successful illustrated guide to neurology and neurosurgery for medical students and junior doctors. • Comprehensive guide to neurology and neurosurgery for medical students and junior doctors – competing books do not cover both areas. • Graphic approach to the subject – concise text is arranged around clear and memorable line diagrams. Readers find this approach accessible and easy to learn form. • Clarifies a subject area which students tend to find difficult and forbidding. Updated and revised in all areas where there have been developments in understanding of neurological disease and in neurological and neurosurgical management. This revision has also incorporated current guidelines, particularly recommendations from National Institute for Health and Clinical Excellence (NICE).

Essential Neurosurgery provides a comprehensive introductionto neurosurgery for junior surgical trainees and medical students.The book concentrates on the principles of neurosurgical diagnosisand management of the more common central nervous system problems,including an understanding of neurology and the pathological basisof neurological disease. There is also coverage of neurosurgicaltechniques and postoperative patient management. This new edition brings the text fully up to date and includesmany of the biological and technological advances made in the fieldof neurosurgery that have improved surgical possibilities andpatient outcomes. Review quotations from the previous edition 'flowing and well highlighted text keeps the readerinterested in the subject' British Journal of Neurosurgery 'an excellent text…well organised and clearly setout' Journal of Neurology, Neurosurgery and Psychiatry

This book is a comprehensive guide to the diagnosis and management of both common and rare neurological disorders, for practising neurologists and trainees. Divided into twelve chapters, each section is dedicated to a subspecialty of neurology, including movement disorders, headache, epilepsy, neurotoxicology, stroke and more. Topics are presented with a broad overview and include recent advances in the field. Content is further enhanced by tables, clinical images, boxes and flow charts to assist learning. Key points Comprehensive guide to neurological disorders for clinicians and trainees Each section dedicated to a subspecialty of neurology Includes recent advances in the field Highly illustrated with tables, clinical images, boxes and flow charts

Praise for this book: "[Five stars] Provid[es] succinct and easy to understand information with excellent illustrations...the wealth of color illustrations [are] invaluable to students learning about these disorders." - Doody's Review With nearly 900 illustrations and the combined 40-year experience of the authors, Neuro-Ophthalmology Illustrated serves as an atlas and a source of concise clinical information on the entire field. From anatomy and pathophysiology to diagnosis and management, the book provides a unique approach to thinking about, assessing, and treating neuro-ophthalmic disorders. It offers a "how-to" on performing the essential examination, and covers disorders of the visual afferent system, the pupil, ocular motor efferent systems, and the orbit and lid. The authors also point out the important neuro-ophthalmologic manifestations associated with common neurologic and systemic disorders. Highlights: Offers a basic introduction to anatomy, physiology, and examination of the eye for neurology students Teaches brain anatomy and the fundamentals of neuro-imaging to ophthalmologists Provides the coherent approach of two master teachers in the field Begins each chapter with a quick outline of contents, and concludes with a comprehensive index Features a handy examination chart and near card for easy reference A portable atlas, manual, and study guide in one, Neuro-Ophthalmology Illustrated is perfect for residents preparing for board examinations in ophthalmology, neurology and neurosurgery. Practitioners and instructors of neuro-ophthalmology will also find this highly visual pocketbook a useful reference in their practice and classroom.

Principles of Neurological Surgery E-Book

An Illustrated Text

Profiles of Patient Care

Problem Based Neurosurgery

McAlpine's Multiple Sclerosis

This illustrated colour review covers all aspects of neurology and neurosurgery including: dystonia, tremor, akinetic rigid syndrome (Parkinsonian conditions), infectious diseases, headache, brain tumors, demyelinating disease, epilepsy, neuro-ophthalmology, peripheral neuropathy, clinical neurophysiology, pituitary, coma, neurogenetics, surgical technique, hydrocephalus, AVM/aneurysm, pain and trigeminal neuralgia, head injury, spinal injury, stroke and neuroradiology. The editors and contributing authors all specialise in neurology and/or neurosurgery. The book is aimed at professionals in practice and in training, from hospital based doctors preparing for higher qualifications to established physicians in their continuing professional development. The cases are presented randomly, as in real life and, where appropriate, are superbly illustrated.

Localization in Clinical Neurology

Neurology and Neurosurgery Illustrated E-Book

Samii's Essentials in Neurosurgery

Pocket Guide and Toolkit to Dejong's Neurologic Examination