

Neurology And Neurosurgery Illustrated 5th Edition Bing

Like other titles in the popular Lippincott® Illustrated Review Series, this text follows an intuitive outline organization and boasts a wealth of study aids that clarify challenging information and strengthen retention and understanding. This updated and revised edition emphasizes clinical application and features new exercises, questions, and accompanying digital resources to ready students for success on exams and beyond.

This revised, updated Second Edition continues to give students a strong foundation in neuroanatomy as it applies to speech-language pathology and audiology. New features include: additional and revised color illustrations and tables to reinforce technical details; an expanded clinical discussion section with more case studies; and a technical glossary in the appendix. This concise, yet comprehensive, user-friendly book is the only neuroscience text that meets the educational needs of students who study communication disorders. For more information, visit <http://connection.LWW.com/go/bhatnager>.

This book is a practical, concise alternative to existing neurology textbooks. The outline format and standard chapter template offers the reader immediate, comprehensive information. The author is a well-respected educator who has a talent for making neurologic information accessible and understandable. Significant changes have been made to the therapeutics/management portion of the book as well as specific diagnosis-related chapters have been updated. More tables and figures allow the reader to find the information quickly. This book sits between a handbook and a textbook and distinguishes itself in its presentation of material in a problem-oriented format: 35 chapters discuss how to approach the patient with a variety of disorders; the second half of the book discusses treatment options.

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

The Little Black Book of Neuropsychology

Principles of Neural Science

Neurological Differential Diagnosis

Illustrated Textbook of Paediatrics

A Queen Square Textbook

Neurological clinical examinations are some of the most intimidating procedures medical students, junior doctors and residents have to perform. This book's clear, succinct explanations and simple/memorable line drawings, along with top tips/common mistakes boxes, combine to demystify the subject and offer straightforward guidance. The spectacular success of the book over many years demonstrates that it succeeds more than any other resource available. This 6th edition will ensure the content remains as fresh, current and easy to interpret as ever. A concise and lucid explanation of how to examine the nervous system. Copiously illustrated with clear line diagrams and flow charts. Instructions are clear and systematic - what to do, what you will find, and what it means. New simplified line drawings have been added. The new edition contains an expanded summary of how to perform a complete neurological examination. The book will be available on the StudentConsult library.

This powerful, easy-to-use resource—available in print and e-book format—presents the essentials of neuroanatomy in the popular Board Review Series outline format that highlights the most tested topics for the USMLE Step 1. Packed with concise descriptions, clinical correlation boxes, radiographs, full-color illustrations and over 575 board-style questions with complete answers and explanations, BRS Neuroanatomy, Sixth Edition provides everything needed for course success and board exam prep.

For more than 30 years, the highly regarded Secrets Series® has provided students and practitioners in all areas of health care with concise, focused, and engaging resources for quick reference and exam review. Medical Secrets, 6th Edition, features the Secrets' popular question-and-answer format that also includes lists, tables, pearls, memory aids, and an easy-to-read style - making inquiry, reference, and review quick, easy, and enjoyable. The proven Secrets Series® format gives you the most return for your time - succinct, easy to read, engaging, and highly effective. Coverage includes the full range of essential topics in medicine for in-training and practicing professionals, authored by a diverse range of teachers and clinicians who cover both medical and ethical issues. Fully revised and updated throughout, including protocols and guidelines that are continuously evolving and that increasingly dictate best practices. Top 100 Secrets and Key Points boxes provide a fast overview of the secrets you must know for success in practice and on exams.

Quintessential Atlas of Anatomy expands on widely acclaimed prior editions! Atlas of Anatomy, Latin Nomenclature, Fourth Edition builds on its longstanding reputation of being the highest-quality anatomy atlas published to date using Latin nomenclature. With more than 2,000 exquisitely detailed illustrations, including over 120 new to this edition, the Atlas helps students and seasoned clinicians master the details of human anatomy. Key Features: NEW! Expanded Radiology sections include over 40 new radiographs, CTs, and MRIs NEW! A more dissectional approach to the head and neck region places neck anatomy before that of the head - the way most students dissect NEW! Additional images and tables detail the challenging anatomy of the peritoneal cavity, inguinal region, and infratemporal and pterygopalatine fossae NEW! Almost 30 new clinical boxes focus on function, pathology, diagnostic techniques, anatomic variation, and more NEW! More comprehensive coverage clarifies the complexities of the ANS, including revised wiring schematics Also included in this new edition: Muscle Fact spreads provide origin, insertion, innervation, and action An innovative, user-friendly format: every topic covered in two side-by-side pages Online images with "labels-on and labels-off" capability are ideal for review and self-testing What users say about the Atlas of Anatomy: "I can't say enough how much I like the organization of this text. I think Thieme has 'hit the nail on the head' with structuring everything by region (Lower Limb) and sub-region (Ankle & Foot). It's very easy to find what you're looking for..." "The figures in the Atlas of Anatomy are exemplary and surpass other competing texts. The images are clear, precise, and aesthetically colored. The unique views presented in this work are also very helpful for studying a three-dimensional subject such as human anatomy."

Medical Secrets E-Book

Lippincott Illustrated Reviews: Biochemistry

Neurology and Neurosurgery Illustrated E-Book

Questions and Answers

Neurological Examination Made Easy

Long heralded as a key guide for medical students, nurses, and allied health professionals, the Essentials of Clinical Examination Handbook, Eighth Edition is a concise yet comprehensive on-the-job reference for history-taking and physical examination, which covers both standard

exams and specialty-specific diagnostic approaches. The Handbook has been edited by over 70 students and 60 faculty experts at the University of Toronto. This new edition includes improved evidence-based clinical pearls and succinct summary tables for differential diagnoses and clinical presentations. A companion mobile application has also been developed which features clinical examination checklists that users can use to practice and test themselves on the go. This edition marks its 20th anniversary as a concise, portable, and affordable guide to clinical examination for medical students and allied health professions around the world.

Ideal for both neurosurgical residents and recertifying neurosurgeons, Neurosurgery Self-Assessment: Questions and Answers offers the most comprehensive, up to date coverage available. Over 1,000 clinically relevant multiple-choice questions across 46 topic areas test the candidate's knowledge of basic neuroscience and neurosurgical subspecialties to an unparalleled degree and provide detailed answer explanations to facilitate learning and assessment. Over 700 histology, pathology, radiology, clinical and anatomical images serve as an index of routinely tested-on images in neurosurgical examinations with high-yield summaries of each pathology to reinforce and simplify key concepts. Includes only multiple choice questions in both single-best-answer and extended matching item (10-20 options) format increasingly adopted by neurosurgery certification boards worldwide. Questions are organized by topic and classified by degree of difficulty through a highly visual "traffic light system" which codes each question in green, amber, or red. Includes coverage of the landmark studies in areas such as vascular, stroke, spine and neurooncology. Practical tips facilitate study with test-taking strategies and things to consider before sitting for an exam. Utilizes Imperial and SI units throughout.

Handbook of Veterinary Neurology provides quick access to vital information on neurologic conditions in a wide range of species, including canine, feline, bovine, caprine, equine, ovine, and porcine. A problem-oriented approach makes it easy to diagnose and treat neurologic problems in small and large animals. The coverage of disorders by problem, not by established disease diagnosis, emulates how animals present to the veterinary hospital and simplifies the formulation of a correct diagnosis. Within each chapter, discussions of neurologic disease include a review of the localization criteria and the diseases that can cause that problem, plus treatment and surgical techniques. Lead author Michael D. Lorenz brings decades of experience to neurologic assessment, using a diagnostic approach that requires minimal knowledge of neuroanatomy. A problem-based approach is organized by presenting sign rather than by condition, guiding you to logical conclusions regarding diagnosis and treatment. Algorithms diagram the logic necessary to localize lesions and to formulate diagnostic plans. Coverage of current diagnostic techniques includes the use of diagnostic tools, such as radiology, spinal fluid analysis, electrodiagnosis, and MR imaging. Case histories in each chapter present a problem and the results of the neurologic examination, then ask you to solve the problem by localizing the lesion, listing probable causes, and making a diagnostic plan. Answers are provided at the back of the book. A consistent format for each case history includes signalment, history, physical examination findings, and neurologic examination. A comprehensive appendix describes species and breeds that have a congenital predisposition for particular neurologic diseases. Extensive references make it easy to pursue in-depth research of more advanced topics. A companion website includes 20 narrated video clips with accompanying PowerPoint slides that correlate to the case histories in the book, covering neurologic assessment and clinical problems such as paresis of one limb, tetraparesis, stupor, seizures, ataxia of the head and limbs, and cranial nerve disorders. Two new co-authors, Jean Coates and Marc Kent, board-certified in neurology, enhance the credibility of this edition. A full-color design and numerous illustrations include enhanced images of neuroanatomy and pathology.

Introduction to surgery aims to provide a one-stop guide to the basics of surgery for surgical rotations, as well as providing information for aspiring surgeons on how to explore a surgical career and build your CV for surgical applications. It aims to be the go-to companion for any student shadowing in theatres, and a thorough guide for students wishing to spend more time in a specific specialty, conduct research and plan careers. Introduction to Surgery for Students is an edited collection of 31 chapters from a group of 80 medical students, junior doctors and consultant surgeons. Each chapter has been written by a team made up of at least one student and one senior, and has then been edited and reviewed by a medical student with a special interest in the topic. This near-peer style of writing allows our content to cater to a student's needs at the right level, whilst having the expert input of surgeons who are leaders in their field.

Neuroscience for the Study of Communicative Disorders

An Illustrated Outline

Immunology

The Requisites

Neuroanatomy and Neuroscience at a Glance

Cottrell's Neuroanesthesia 5th Edition, edited by James E. Cottrell, MD, FRCA and William L. Young, MD, delivers the complete and authoritative guidance you need to ensure optimal perioperative safety for neurosurgical patients. Integrating current scientific principles with the newest clinical applications, it not only explains what to do under any set of circumstances but also why to do it and how to avoid complications. Comprehensive updates reflect all of the latest developments in neurosurgical anesthesia, and contributions from many new experts provide fresh insights into overcoming tough clinical challenges. New co-editor William L. Young, MD joins James E. Cottrell, MD, FRCA at the book's editorial helm, providing additional, complementary expertise and further enhancing the book's authority. New chapters keep you current on interventional neuroradiology, anesthetic management of patients with arteriovenous malformations and aneurysms, awake craniotomy, epilepsy, minimally invasive and robotic surgery, and pregnancy and neurologic disease. Comprehensive updates reflect all of the latest developments in neurosurgical anesthesia, and contributions from many new experts provide fresh insights into overcoming tough clinical challenges. Comprehensive and broad coverage of all important aspects of neuroanesthesia, including special patient populations, enables you to find reliable answers to any clinical question. Chapters written by neurointensivists, neurosurgeons, and radiologists provide well-rounded perspectives on each topic. A consistent, logical organization to every chapter makes answers easy to find quickly. Clear conceptual illustrations make complex concepts easier to understand at a glance.

British Medical Association Book Award Winner - Student Textbook of the Year 2018 Everything you need to know about Neuroanatomy and Neuroscience ... at a Glance! Neuroanatomy and Neuroscience at a Glance is a highly illustrated, quick reference guide to the anatomy, biochemistry, physiology and pharmacology of the human nervous system. Each chapter features a summary of the anatomical structure and function of a specific component of the central nervous system, a section on applied neurobiology outlining how to approach a patient with neurological or psychiatric problems aligned to the chapter topic, standard diagnostic procedures for most common scenarios, as well as an overview of treatment and management options. This fully updated and expanded new edition includes: Dozens of full-page, colour illustrations and neurological scans Expanded coverage of techniques to study the nervous system More practical information on the neurological exam New content on neuropharmacology and drug therapies Bullet points and bold terms throughout assist with revision and review of the topic Neuroanatomy and Neuroscience at a Glance is the ideal companion for students embarking on a neuroanatomy or neuroscience course, and is an excellent reference tool for those in clinical training. An updated companion website with new clinical cases, multiple choice self-assessment questions, revision slides, and downloadable illustrations and flashcards is available at www.ataglanceseries.com/neuroscience

This practical, comprehensive and highly illustrated book will be invaluable to students and doctors of neurology and internal medicine in Africa. The Oxford American Handbook of Neurology is a practical, quick-reference guide for use on the ward and in the clinic. It includes information on neurological assessment and common presentations and disorders, including sleep disorders, neurotrauma, and neurosurgery. Numerous neuro-imaging studies and diagrams supplement concise, to-the-point text. The book concludes with an appendix of frequently used scales and indices. It

should find a place in the hands of all those caring for neurological patients.

Neurological Surgery Q & A

Neurology

BRS Neuroanatomy

Neurosurgery Self-Assessment E-Book

The Comprehensive Neurosurgery Board Preparation Book

"An essential review for residents across neurological disciplines, the chapters are organized into groups of questions covering neurobiology, neuroanatomy, clinical neurology, neuropathology, neuroradiology, neurosurgery, and critical care. Written and edited by neurosurgery residents who have passed the boards, the book works as an effective stand-alone review book or used in conjunction with The Definitive Neurological Surgery Board Review. Featuring hundreds of high-quality figures as well as high-yield tables, this essential review book concludes with a 300-question multidisciplinary self-assessment examination."--BOOK JACKET.

From translating the patient's medical records and test results to providing recommendations, the neuropsychological evaluation incorporates the science and practice of neuropsychology, neurology, and psychological sciences. The Little Black Book of Neuropsychology brings the practice and study of neuropsychology into concise step-by-step focus--without skimping on scientific quality. This one-of-a-kind assessment reference complements standard textbooks by outlining signs, symptoms, and complaints according to neuropsychological domain (such as memory, language, or executive function), with descriptions of possible deficits involved, inpatient and outpatient assessment methods, and possible etiologies. Additional chapters offer a more traditional approach to evaluation, discussing specific neurological disorders and diseases in terms of their clinical features, neuroanatomical correlates, and assessment and treatment considerations. Chapters in psychometrics provide for initial understanding of brain-behavior interpretation as well as more advanced principals for neuropsychology practice including new diagnostic concepts and analysis of change in performance over time. For the trainee, beginning clinician or seasoned expert, this user-friendly presentation incorporating 'quick reference guides' throughout which will add to the practice armentarium of beginning and seasoned clinicians alike. Key features of The Black Book of Neuropsychology: Concise framework for understanding the neuropsychological referral. Symptoms/syndromes presented in a handy outline format, with dozens of charts and tables. Review of basic neurobehavioral examination procedure. Attention to professional issues, including advances in psychometrics and diagnoses, including tables for reliable change for many commonly used tests. Special "Writing Reports like You Mean It" section and guidelines for answering referral questions. Includes appendices of practical information, including neuropsychological formulary. The Little Black Book of Neuropsychology is an indispensable resource for the range of practitioners and scientists interested in brain-behavior relationships. Particular emphasis is provided for trainees in neuropsychology and neuropsychologists. However, the easy to use format and concise presentation is likely to be of particular value to interns, residents, and fellows studying neurology, neurological surgery, psychiatry, and nurses. Finally, teachers of neuropsychological and neurological assessment may also find this book useful as a classroom text.

"There is no other book in the field that covers the scope of material that is inside this comprehensive text. The work might be best summed up as being a clinical neuropsychology postdoctoral residency in a book, with the most up to date information available, so that it is also an indispensable book for practicing neuropsychologists in addition to students and residents...There is really no book like this available today. It skillfully brings together the most important foundations of clinical neuropsychology with the 'nuts and bolts' of every facet of assessment. It also reminds the more weathered neuropsychologists among us of the essential value of neuropsychological assessment...the impact of the disease on the patient's cognitive functioning and behavior may only be objectively quantified through a neuropsychological assessment." Arch Clin Neuropsychol (2011) first published online June 13, 2011 Read the full review acn.oxfordjournals.org

Visually rich Netter artwork and detailed yet concise text provide you with an overview of general neurology and its intersection with internal medicine, neurosurgery, ophthalmology, psychiatry, and orthopedics.

Winner of the prestigious First Prize in ENT in 2005 from the British Medical Association (first edition)The second edition of this operative manual provides expanded coverage of the complex anatomy and the current surgical approaches to the paranasal sinuses and skull base. It provides practical, step-by-step instruction on using CT scans to reconstruct three-dimensional images of surgical anatomy, enabling the surgeon to develop detailed surgical plans for each clinical situation. The accompanying DVD is greatly expanded from the first edition's CD-ROM, with 30 additional operative videos plus new problem-based exercises. The operative videos enable practitioners to visualize the surgical concepts described and illustrated in the text. Case exercises provide the opportunity to apply knowledge learned to perform three-dimensional reconstructions--a valuable tool for self-assessment.Highlights of the second edition: Extensive presentation of all the anatomical variations and surgical approaches to the sinuses, paranasal regions, and posterior, middle, and anterior cranial fossae Straightforward outlines for approaching the frontal sinus and frontal recess, maxillary sinus trephination, dacryocystorhinostomy surgery, cerebrospinal fluid leak closure, orbital and optic nerve decompression, and Vidian neurectomy 830 diagrams, illustrations, and images demonstrating anatomy and surgical techniques Detailed coverage of endoscopic surgical approaches to tumors of the sinuses and in the intracranial cavity Discussion of the value and importance of axial CT for determining drainage pathways Essential for ENT surgeons, otolaryngologists, and residents, the book equips readers with all the information necessary for handling the range of anatomical variations that may be encountered and selecting the best approach for each.

Neurosurgery Oral Board Review

Clinical Neurology, 4th Edition

Neuroanatomy E-Book
Pathology of Skeletal Muscle
Hernia Surgery

Base your care of neurological patients on evidence-based best practices, with the completely updated, fully illustrated *The Clinical Practice of Neurological and Neurosurgical Nursing*, 8th Edition. This is the most current and comprehensive neuroscience nursing text, written to support you in the everyday high-level assessments, information processing and decision making required of the neurological nurse. A must-have for offering accurate, efficient care of adult/geriatric neuroscience patients, this is ideal for both beginning and advanced neuro nurses and nursing students. -NEW chapter on hydrocephalus -NEW chapter on neurological care in the community -NEW and revised content throughout the text that reflects current best practices -Case studies that offer real-life scenarios to reinforce concepts -Treatment Summaries, Clinical Vignettes and Clinical Pearls that provide vital clinical tips -Sections covering a broad range of neuroscience care considerations: -Ethical perspectives and end-of-life care - Preparing and caring for patients after acute care, brain death and organ donation -Assessment and evaluation of neuroscience patients - Overview of neuroanatomy and neurophysiology, diagnostics for patients with neurological disorders, comprehensive neurological examination, neurological assessment -Common management challenges - Intracranial hypertension, hydrocephalus, management of patients with altered level of consciousness, evaluation/treatment of delirium, common neuroendocrine syndromes, neurosurgical procedures, rehabilitation -Nursing management of patients with injury to the neurological system; cranial nerve disorders and peripheral nerve injuries; neoplasms of the neurological system; cerebrovascular disease; pain, seizures, and CNS infections; movement disorders; neurodegenerative and neuromuscular diseases -Ideal for nurses working in intensive care units, emergency departments, neuroscience specialty units and medical-surgical units at admit neuroscience patients -Nursing management guidance that is infused with pathophysiology content, providing a rationale for care and for identifying patient outcomes -Guide for establishing and updating a neuroscience patient database -Excellent study aid for preparing for the certified neuroscience registered nurse (CNRN) exam and stroke certification (SCRN) -Thorough overview of neurology team communications - Best practices for coordination, continuity, and patient safety Your book purchase includes a complimentary download of the enhanced eBook for ios Android tm PC and Mac. Take advantage of these practical features that will improve your eBook experience: -The ability to download the eBook on multiple devices at one time-providing a seamless reading experience online or offline -Easily convert to audiobook, powering your content with natural language text-to-speech -Powerful search tools and smart navigation cross-links that allow you to search within this book, or across your entire library of VitalSource eBooks About the Clinical Editors Joanne V. Hickey, PhD, RN, ACNP, FAAN, FCCM, is Patricia L. Starck/PARTNERS Professor of Nursing, Department of Research at the Cizik School of Nursing, University of Texas Health Science Center at Houston at the University of Texas Health School of Nursing in Houston, Texas.

Thoroughly revised and updated, the fifth edition of this prize-winning title retains the high level of illustration and accessibility that has made it so popular worldwide with medical students and trainees approaching clinical specialty exams. *Illustrated Textbook of Paediatrics* has been translated into eight languages over its life. Case studies. Summary boxes. Tips for patient education. Highly illustrated with 100s of colour images. Diseases consistently presented by Clinical features; Investigations; Management; Prognosis; and, where appropriate, Prevention. Separate chapters on Accidents Child protection Diabetes and endocrinology Inborn Errors of Metabolism New chapter on Global child health New co-editor, Will Carroll, Chair of MRCPCH Theory Examinations.

A remarkable achievement by a single author ... concise but informative ... No geneticist or physician interested in genetic diseases should be without a copy of this remarkable edition. --American Journal of Medical Genetics More than ever, a solid understanding of genetics is a fundamental element of all medical and scientific educational programs, across virtually all disciplines. And the applications--and implications--of genetic research are at the heart of current medical scientific debates. Completely updated and revised, *The Color Atlas of Genetics* is an invaluable guide for students of medicine and biology, clinicians, and anyone else interested in this rapidly evolving field. The latest edition of this highly praised atlas retains several popular features, such as the accessible layout and logical structure, in addition to many novel features and 20 completely new color plates on new topics, including: Cell-to-cell communication, including important signaling and metabolic pathways Taxonomy of living organisms (tree

of life) Epigenetic modifications in chromatin Apoptosis RNA interference (RNAi) Comparative genomic hybridization Origins of cancer Principles of gene and stem cell therapy, etc. With more than 200 absorbing full-color plates concisely explained on facing pages, the atlas offers readers an easy-to-use, yet remarkably detailed guide to key molecular, theoretical, and medical aspects of genetics and genomics. Brief descriptions of numerous genetic diseases are included, with references for more detailed information. Readers will find that this incomparable book presents a comprehensive picture of the field from its fascinating history to its most advanced applications. The first work ever published on this topic, this book summarizes everything you need to know to prepare for the neurosurgery oral examinations. It was designed as a quick and easily accessible reference for residents, with sections on medical management, surgical techniques, and insights of how to study for the test. Key features: - Comprehensive and concise - key facts summarized in 220 pages - Straightforward organization for quick access and easy memorization of the most vital information - More than 70 illustrations to highlight core concepts - Helpful hints that give you the benefit of the author's experience Here is the convenient study guide that all neurosurgical residents will want available for reliable reference. No other resource is as concise and easy to use. Take advantage of this outstanding tool to ensure your success on the oral boards!

Netter's Neurology

Essentials of Clinical Examination Handbook

Atlas of Anatomy, Latin Nomenclature

Practical Neurology

Handbook of Veterinary Neurology - E-Book

Neurology: A Queen Square Textbook is a remarkable fusion of modern neuroscience with traditional neurology that will inform and intrigue trainee and experienced neurologists alike. Modern neuroscience has penetrated exciting and diverse frontiers into the causes, diagnosis, and treatment of neurological disease. Clinical neurology, whilst greatly enhanced by dramatic advances in molecular biology, genetics, neurochemistry and physiology, remains deeply rooted in practical traditions: the history from the patient and the elicitation of physical signs. Neurologists, neuroscientists and neurosurgeons working at Queen Square, and advised by an international editorial team, have combined their expertise and experience to produce this unique text. The synthesis of clinical neurology with translational research provides a fresh perspective which is Practical Multidisciplinary Translational Integrative The blend of new science and proven practice underpins this creative approach towards investigating and improving the care of patients suffering from neurological diseases. About Queen Square The world-renowned National Hospital for Neurology & Neurosurgery and UCL Institute of Neurology, based in Queen Square, London, have an international reputation for training, research and patient care. Research at both institutions leads developments in translational medicine that are transforming the treatment of neurological disease.

This book has been described as the bible of muscle disease, from both a scientific and a clinical point of view. It is a comprehensive work that explains and illustrates in detail all pathological reactions of skeletal muscles that occur in human disease. The microscopic changes are illustrated by histochemistry, immunocytochemistry, resin histology, and electron microscopy. The pathological findings are correlated with the clinical picture whenever possible. The interpretation of the findings is scientifically based. To facilitate this process, the fundamentals of normal histology and biology of the muscle cell are also covered. The book has been thoroughly revised and expanded for this Second Edition to provide up-to-date coverage of the relevant molecular biology and molecular genetics, as well as extensive references. It has been well organized and richly illustrated by the authors, who have been at the forefront of muscle pathology and neuromuscular research for 35 years. This practical reference work is intended for neuropathologists, neurologists, and general pathologists who look at muscle biopsies. It will also serve as an introduction to muscle disease for neurology and pathology residents.

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 from. • 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).

Turn to Fundamental Neuroscience for a thorough, clinically relevant understanding of this complicated subject! Integrated coverage of neuroanatomy, physiology, and pharmacology, with a particular emphasis on systems neurobiology, effectively prepares you for your courses, exams, and beyond. Easily comprehend and retain complex material thanks to the expert instruction of Professor Duane Haines, recipient of the Henry Gray/Elsevier Distinguished Teacher Award from the American Association of Anatomists and the Distinguished Teacher Award from the Association of American Colleges. Access the complete contents online at www.studentconsult.com, plus 150 USMLE-style review questions, sectional images correlated with the anatomical diagrams within the text, and more. Grasp important anatomical concepts and their clinical applications thanks to correlated state-of-the-art imaging examples, anatomical diagrams, and histology photos. Retain key information and efficiently study for your exams with clinical highlights integrated and emphasized within the text.

Illustrated Questions and Answers

Fundamental Neuroscience for Basic and Clinical Applications

Escourolle & Poirier's Manual of Basic Neuropathology

Anatomy, Three-Dimensional Reconstruction, and Surgical Technique

The Clinical Practice of Neurological and Neurosurgical Nursing

Now fully revised and updated, this leading ICT series volume offers concise, superbly illustrated coverage of neuroanatomy, that through the relevance of the anatomy to the practice of modern clinical neurology. Building on the success of previous editions, Neuroanatomy I 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 p

need a clear, current understanding of this important area. Generations of readers have come to appreciate the straightforward explanation of concepts that students often find difficult, with minimum assumptions made of prior knowledge of the subject. This (print) edition comes enhanced eBook - including BONUS figures and self-assessment material - to provide an even richer learning experience and easy anytime access! Notoriously difficult concepts made clear in straightforward and concise text Level of detail carefully judged to facilitate understanding of fundamental neuroanatomical principles and the workings of the nervous system, providing a sound basis for the diagnosis and treatment of neurological disorders Clinical material and topic summaries fully updated and highlighted in succinct boxes within the text Memorable pearls and summaries of symptoms associated with the main clinical syndromes Over 150 new or revised drawings and photographs further improved to reflect the latest imaging techniques New expanded coverage of neuropsychological disorders and their relationship to neuroanatomy - important given aging populations Access to the complete, enhanced eBook - including additional images and self-assessment material to check your understanding.

Board certification by the American Board of Neurological Surgery is considered the gold standard for neurosurgeons practicing in the US. The primary examination requires many months of preparation, and passing it is both a significant accomplishment and integral component in becoming certified. Contributions from current neurosurgical residents and seasoned practitioners infuse this book with a well-rounded perspective on what 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 comprehensive study guide. The review is organized by neurosurgical topic with 20 chapters equally divided among questions followed by answers. Starting with basic physiology and anatomy, each chapter methodically covers core topics including radiology, neurology, pathology/histology, ophthalmology, and otolaryngology. The authors provide brief explanations and pearls that accompany each question, which provide a solid springboard for delving deeper into a 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 in the operating service. Key Highlights More than 1,300 questions reflect key concepts in the ABNS primary exam Enhanced with more than 350 images and diagrams which reflect the computerized, image-rich format of the current exam A full-length practice test at the end of the book mirrors the constraints of the actual exam Explanations of correct and incorrect answers facilitate learning and retaining vast amounts of material This 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 the neurosurgeon who endeavors to attain and maintain ABNS certification.

Concise yet comprehensive, Clinical Neurology, Fourth Edition builds on the success of three previous editions in helping medical students 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 importance of history taking and neurological examination throughout. This edition presents expanded coverage of neurophysiology and motor neuron disorders. Authored and edited by leading figures in neurology, this book is an indispensable introduction to the field of clinical neurology, for use in the classroom, study as well as in the clinical setting.

Part of the successful Requisites series, this best-selling title presents everything you need to know about diagnostic imaging of the most commonly encountered neurologic and head and neck conditions.....one book that covers brain, spine, head and neck with an engaging approach. --

Oxford American Handbook of Neurology

An Illustrated Colour Text

Cottrell and Young's Neuroanesthesia

A Syndrome-Based Approach

Neurology in Africa

Now in its 5th edition, Escourolle & Poirier Manual of Basic Neuropathology continues the tradition of being one of the most respected texts in neuropathology by providing an introduction to the various diseases of the nervous system and their underlying pathology. This thorough, yet concise manual covers the full spectrum of the various categories of neurologic disease, including neoplasia, trauma, vascular disease, and infection, with separate chapters on prion diseases, multiple sclerosis, degenerative disorders, acquired metabolic diseases, hereditary metabolic diseases, congenital malformations, perinatal diseases, skeletal muscle, peripheral nerve, and the pituitary gland. To accurately guide the clinician, the most current techniques in neuropathology are covered in their own chapter at the end of the book. Richly illustrated throughout, with over 700 images of various neuropathological diagnoses such as tumor, stroke, infection, degeneration, and malformation among others, this new edition of the classic monograph is an easy-to-use manual for any student, researcher, or practitioner seeking basic information on neuropathology. Used for decades in all fields related to the nervous system - including neurology, neurosurgery, psychiatry, neuroradiology, neuroendocrinology, neuropathology, pathology, and neuroscience - Escourolle & Poirier Manual of Basic Neuropathology is regarded as the 'bible' of neuropathology. This new version has been completely rewritten and expanded to include important updates in genetics and molecular biology, reflective of the important neuropathological discoveries in those fields over the past decade. This book is a practical diagnostic tool and necessary reading for anyone encountering pathological conditions of the nervous system.

All the latest trends and technical innovations for both routine and complex hernia repair Surgical procedures to repair hernias are among the most common procedures of all, with a history going back over 200 years. While most procedures are routine, they can be a challenge, particularly when previous surgery in the area has caused scarring that distorts the anatomy. All currently established operative techniques are described and explained in detail in the book and illustrated, step by step, with a wealth of brilliant figures and diagrams. A detailed description of laparoscopic anatomy and preperitoneal procedures is given. Important information regarding indications and postoperative care is provided. New surgical treatment concepts for hernia arising in the early 21st century and expounded in this book include tension-free principles, inguinal hernia repair under local anesthesia, use of the preperitoneal space, and laparoscopic hernia repair. Key Features 3D mesh and patch-and-plug procedures Laparoscopic methods such as the single-port technique and mini-technique New developments in open and laparoscopic surgery of incisional hernias Special disorders such as sports hernia Richly illustrated with hundreds of exquisite artist renderings Ideal for all surgeons in training, and

of benefit to experienced surgeons as well, Schumpelick's *Hernia Surgery* is a complete introduction to evidence-based techniques in this field.

Neurosurgery is a rapidly developing and technically demanding branch of surgery that requires a detailed knowledge of the basic neuro-sciences and a thorough clinical approach. The *Oxford Textbook of Neurological Surgery* is an up-to-date, objective and readable text that covers the full scope of neurosurgical practice. It is part of the *Oxford Textbooks in Surgery* series, edited by Professor Sir Peter Morris. The book is split into 20 overarching sections (*Principles of Neurosurgery; Neuro-oncology of Intrinsic Tumours; Extra-axial Tumours and Skull Lesions; Cerebro-Pontine Angle Tumours; Sellar and Supra-Sellar Tumours; Posterior Fossa Tumours; Pineal tumours; Uncommon Tumours and Tumour Syndromes; Neurotrauma and Intensive Care; Vascular Neurosurgery; Principles of Spinal Surgery; Spinal Pathology; Spinal Trauma; Peripheral Nerve Surgery; Functional Neurosurgery; Epilepsy; Paediatric Neurosurgery; Neurosurgery for Cerebrospinal Fluid Disorders and Neurosurgical Infection*). Each section takes a dual approach with, 'Generic Surgical Management' chapters that focus on specific clinical problems facing the neurosurgeon (e.g. sellar/supra-sellar tumour, Intradural Spina Tumours etc.) and 'Pathology-Specific' chapters (e.g. Glioma, Meningeal Tumours, Scoliosis and Spinal Deformity, Aneurysm etc.). Where appropriate, this division provides the reader with easily accessible information for both clinical problems which present in a regional fashion and specific pathologies. The generic chapters cover aspects such as operative approaches, neuroanatomy and nuances. Specifically each chapter in the book incorporates several strands. Firstly the fundamental neuroscience (anatomy, pathology, genetics etc.) that underlies the clinical practice. Secondly, a review of the requisite clinical investigations (e.g. angiography, electrodiagnostics, radiology). Thirdly, a thorough evidence based review of clinical practice. Following this a consideration of the key debates and controversies in the field with 'pro-' and 'con-' sections (e.g. minimally invasive spine surgery, microsurgical treatment of aneurysms) is provided. A summary of the key papers and clinical scales relevant to neurosurgery form the concluding part. The book is a 'one-stop' text for trainees and consultants in neurosurgery, residents, those preparing for sub-specialty exams and other professionals allied to surgery who need to gain an understanding of the field. It acts as both a point of reference to provide a focussed refresher for the experienced neurosurgeon as well as a trusted training resource.

Endoscopic Sinus Surgery

Oxford Textbook of Neurological Surgery

Fundamental Neuroscience for Basic and Clinical Applications, with STUDENT CONSULT Online Access, 4

Introduction to Surgery for Students

Neuroradiology