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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,

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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.

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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,

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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

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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.

2010 Benjamin Franklin Silver Award Winner! Praise for this book: Superbly written... Each anatomic structure is discussed in detail, yet the language

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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

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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

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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

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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. Four master neurosurgeons bring a wealth of collective neurosurgical and neuroendovascular experience to this remarkable reference book, which melds a detailed anatomical atlas with

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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

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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.
This is the latest edition of the
classic book on the subject of multiple

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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

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development much better illustrated than 2E very well referenced totally rewritten, except for chapters 2 & 3 on symptoms and diagnosis, which have been revised

Neuroanatomy E-Book

Samii's Essentials in Neurosurgery

Clinical Neurology and Neurosurgery

A Color Manual of Ophthalmoscopy

An Illustrated Manual

Problem Based Neurosurgery is a remarkable fusion of recent advances in neuro-imaging and neurosurgery with

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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

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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.

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.

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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

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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. 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

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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

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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

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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.

Retina in Systemic Disease: A Color Manual of Ophthalmoscopy is a practical reference for using ophthalmoscopy to recognize the retinal manifestations of systemic diseases and to confidently develop a diagnosis on the basis of such findings. Divided into three main sections, the book opens with a discussion of anatomy and the normal fundus and then provides straightforward, step-by-step instructions of examination techniques with valuable pearls on how to optimize the visualization of the retina. Numerous chapters in the

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second section of the book present the major clinical signs in the retina with concise lists of conditions associated with each sign. The third section provides comprehensive coverage of various systemic disorders, enabling the clinician to rapidly locate information useful for diagnosis, staging, and treatment. Each chapter in this section provides a brief description of the disorder, fundus features, additional ophthalmic features, and where appropriate, management techniques and differential diagnosis. Highlights: Succinct descriptions and bulleted text enhance ease of use More than 300 high-quality full-color photographs demonstrate the various retinal manifestations of systemic disease and illustrate important concepts This color manual is a valuable

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reference for ophthalmologists, ophthalmology residents, and optometrists. It is an ideal resource for physicians and residents in a range of disciplines, such as internal medicine, diabetology, cardiovascular medicine, neurology, emergency room medicine, and pediatrics, who are involved in the care of patients with systemic diseases.

**Magnetic Resonance Imaging and Computed Tomography
The NeuroICU Book, Second Edition
Neurological Differential Diagnosis
Localization of Clinical Neurology
Problem Based Neurosurgery**

Concise yet comprehensive, Clinical Neurology, Fourth Edition builds on the success of three previous editions in

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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.

Up-to-date, comprehensive, and beautifully illustrated,

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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

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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. Nothing brings on the pressure like claim denials and revenue loss. Wouldn't it be great if you could instantly up

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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

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*Straightforward lay term explanations for each procedure
Medicare Fee Schedule updates (hospitals and physicians)
RVUs (facility and non-facility) CCI edits for each specialty
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*New edition of a highly successful illustrated guide to
neurology and neurosurgery for medical students and*

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junior doctors.

Retina in Systemic Disease

Clinical Neurology, 4th Edition

Anatomic Basis of Neurologic Diagnosis

Laboratory Diagnosis in Neurology

IAN Textbook of Neurology

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

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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.

This practical guide provides an algorithm for diagnosis and treatment, from 'having some problem with vision', via diagnosis of cause and background, to treatment and eventually to rehabilitation. Following on from introductory sections devoted to the role of neuro-ophthalmology, recent developments in the field, and an overview of neuro-ophthalmological examinations, there are sections devoted to

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the different parts of the visual system, and finally a section on rehabilitation. Neuro-ophthalmology is aimed at ophthalmologists, neurologists, neurosurgeons, traumatologists, neuroradiologists, experts in cardiology and stroke, and trainees in these areas. It will also be of interest to neuro-rehabilitation specialists, neuropsychologists, and those working in typhlopedagogy and health informatics.

#1 NEW YORK TIMES BESTSELLER • PULITZER PRIZE FINALIST • This inspiring, exquisitely observed memoir finds hope and beauty in the face of insurmountable odds as an idealistic young neurosurgeon attempts to answer the question What makes a life worth living? NAMED ONE OF PASTE ' S BEST MEMOIRS OF THE DECADE • NAMED ONE OF THE BEST BOOKS OF THE YEAR BY The New

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York Times Book Review • People • NPR • The Washington Post • Slate • Harper ' s Bazaar • Time Out New York • Publishers Weekly • BookPage Finalist for the PEN Center USA Literary Award in Creative Nonfiction and the Books for a Better Life Award in Inspirational Memoir At the age of thirty-six, on the verge of completing a decade ' s worth of training as a neurosurgeon, Paul Kalanithi was diagnosed with stage IV lung cancer. One day he was a doctor treating the dying, and the next he was a patient struggling to live. And just like that, the future he and his wife had imagined evaporated. When *Breath Becomes Air* chronicles Kalanithi ' s transformation from a naïve medical student “possessed,” as he wrote, “by the question of what, given that all organisms die, makes a virtuous and meaningful life” into a

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neurosurgeon at Stanford working in the brain, the most critical place for human identity, and finally into a patient and new father confronting his own mortality. What makes life worth living in the face of death? What do you do when the future, no longer a ladder toward your goals in life, flattens out into a perpetual present? What does it mean to have a child, to nurture a new life as another fades away? These are some of the questions Kalanithi wrestles with in this profoundly moving, exquisitely observed memoir. Paul Kalanithi died in March 2015, while working on this book, yet his words live on as a guide and a gift to us all. “I began to realize that coming face to face with my own mortality, in a sense, had changed nothing and everything,” he wrote. “Seven words from Samuel Beckett began to repeat in my

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head: ' I can ' t go on. I ' ll go on. ' ” When Breath Becomes Air is an unforgettable, life-affirming reflection on the challenge of facing death and on the relationship between doctor and patient, from a brilliant writer who became both.

A day-to-day guide on the diagnosis and management of routine to complex retinal disorders The diagnosis and treatment of retinal eye disorders often presents significant clinical challenges. The Retina Illustrated, edited by renowned retina specialist Justis Ehlers and an impressive group of worldwide contributors, provides a rapid-fire yet thorough approach to the visual world of retinal disease. Organized into ten sections and 102 succinct yet comprehensive chapters, this richly illustrated reference covers the full spectrum of retinal disorders, ranging from common degenerative

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diseases to emerging infectious retinal diseases. The book opens with a discussion of state-of-the-art diagnostic tools, followed by nine disorderspecific sections describing diagnosis and treatment of a wide-spectrum of retinal disorders, including degenerative, vascular, infectious, inflammatory, traumatic, oncology, and toxicities. The text covers the full age continuum, from conditions primarily impacting older adults, such as age-related macular degeneration and choroidal atrophy, to pediatric disorders, such as retinopathy of prematurity. Key Features Discussion of cutting-edge imaging diagnostics, including ultra-widefield angiography, intraoperative optical coherence tomography, and OCT angiography More than 400 high-quality illustrations augment the text, enhancing understanding of retinal disease,

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from symptoms and signs to differential diagnosis and management Reader-friendly format provides rapid assessment and review of numerous conditions This is a must-have reference for all providers who encounter patients with retinal disease, including general ophthalmologists, retina specialists, emergency medicine physicians, and optometrists. Ophthalmology residents and fellows-in-training will also find this book an invaluable education tool.

Essential Neurology

The Retina Illustrated

The Clinical Practice of Critical Care Neurology

A Problem-Oriented Approach

Clinical Evoked Potentials

An introductory textbook of neurology in the Illustrated Colour

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Text series, making full use of all the usual features of the series - double page spreads, short paragraphs, summary boxes, attractive use of colour etc. Clear explanation of neurological examination - often found very taxing by students. Demonstrates how to approach common neurological presentations, such as blackouts and numbness, before moving on to a comprehensive coverage of syndromes and diseases. Concentrates on the core curriculum which the medical student really needs to know. Updated management in the light of new evidence and new drugs most notably in Parkinson's disease, epilepsy and multiple sclerosis. Images, particularly MRI scans, updated with more modern and higher resolution images. Includes a new double-page spread on Sleep. Extra material added on giddiness to include the head thrust test and Epley's manoeuvre.

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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 complications, 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.

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

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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

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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

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

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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.

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Diagnostic Neuroradiology

Neurology and Neurosurgery Illustrated E-Book

Neurology and Neurosurgery Illustrated

Essential Neurosurgery

Textbook of Interventional Neurology

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

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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

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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,

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clinical neurophysiologists, and EP technologists, who are involved with the recording and interpretation of EPs primarily for diagnostic purposes. 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

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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

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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

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diagnostic imaging.

***Neurology and Neurosurgery Illustrated
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***

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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. Principles of Neurological Surgery E-Book

When Breath Becomes Air

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Illustrated Questions and Answers Self-Assessment Colour Review Small Animal Neurology

Now in paperback, this text covers the dramatic developments that have occurred in basic neuroscience and clinical research in cognitive neurology and dementia. The text is based on the clinical approach to the patient, and provides essential knowledge that is fundamental to clinical practice.

Endovascular intervention - using medication and devices introduced through catheters or microcatheters placed into the blood vessels through a percutaneous

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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

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surgery and neuroradiology.

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

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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

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be prized by today's generation of neurological surgeons and neuropathologists. A co-publication of Thieme and the American Association of Neurological Surgeons

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

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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

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Fallbeispielen.

Neuro-ophthalmology Illustrated

McAlpine's Multiple Sclerosis

Neuro-Ophthalmology

Rapid Neurology and Neurosurgery

This book takes a problem-oriented approach to the evaluation of common symptoms presenting to medical students. It begins with guidance in history taking and examination leading the student on to neurological examination. The following sections outline all the common presenting symptoms, such as forgetfulness, dizziness or pain, and relate them to the spectrum of neurological conditions and diseases. Some case histories are used to illustrate problems

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and the book ends with a section of MCQ's. This is the second in a new series which aims to help medical students to think like doctors. By combining a symptom and problem-based approach with systematic coverage, the book appeals to instructors and students on traditional and integrated courses.

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,

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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 findings Clinically 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.

Essential Neurosurgery provides a comprehensive introduction to neurosurgery for junior surgical trainees and medical students. The

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book concentrates on the principles of neurosurgical diagnosis and management of the more common central nervous system problems, including an understanding of neurology and the pathological basis of neurological disease. There is also coverage of neurosurgical techniques and postoperative patient management. This new edition brings the text fully up to date and includes many of the biological and technological advances made in the field of neurosurgery that have improved surgical possibilities and patient outcomes. Review quotations from the previous edition 'flowing and well highlighted text keeps the reader interested in the subject' British Journal of Neurosurgery 'an excellent text... well organised and clearly set out' Journal of Neurology, Neurosurgery and Psychiatry

This book is a comprehensive guide to the diagnosis and

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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

Profiles of Patient Care

Coders' Specialty Guide 2022: Vascular Surgery

Fundamentals of Neurology

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*Oxford Textbook of Cognitive Neurology and Dementia
The Legacy of Harvey Cushing*

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

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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

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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.

The South Asian Edition of Localization in Clinical Neurology is a unique and outstanding textbook on localization answering the trilogy of Neurology: 'Is there a lesion?' 'Where is the lesion?' and 'What is the lesion?' There is no surrogate to history taking and clinical examination in the process of neuraxis localization. The depths of knowledge unraveled in this book guides a beginners' brain in training and satiates a master's mind at work. Each chapter is carefully crafted to

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strengthen the anatomy, sense of localization, enhance the mind to solve the puzzles of neurology, and reach the possible etiology. Key Features • Unique textbook on clinical localization with comprehensive coverage addressing all brain regions including cranial, spinal, and peripheral nerves • Revision pearls at the end of each chapter provide a succinct summary of salient points in the chapter • Multiple-choice questions help in the revision of learned concepts • Flow charts, diagrams, algorithms, and tables assist in grasping the gist of the concepts • Case scenarios provide a virtual experience of the bedside clinics • Online videos and neurodiagnostic clues provide a better understanding of clinical findings • Detailed discussions cover relevant anatomy, followed by the lesions related to each anatomic

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feature

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.

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

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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

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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

The Comprehensive Neurosurgery Board Preparation Book
Vasculature of the Brain and Cranial Base
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Cranial Neuroimaging and Clinical Neuroanatomy
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New edition of a highly successful illustrated guide to

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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).

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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.

An Illustrated Guide

An Illustrated Colour Text

An Illustrated Text