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### Q5UDU8 - DAKOTA GAGE

Fully-updated edition of this award-winning textbook, arranged by presenting complaints with full-color images throughout. For students, residents, and emergency physicians.

A complete, evidence-based guide to orthopaedic evaluation and treatment Acclaimed in its first edition, this one-of-a-kind, well-illustrated resource delivers a vital evidence-based look at orthopaedics in a single volume. It is the ultimate source of orthopaedic examination, evaluation, and interventions, distinguished by its multidisciplinary approach to PT practice. Turn to any page, and you'll find the consistent, unified voice of a single author—a prominent practicing therapist who delivers step-by-step guidance on the examination of each joint and region. This in-depth coverage leads clinicians logically through systems review and differential diagnosis, aided by decision-making algorithms for each joint. It's all here: everything from concise summaries of functional anatomy and biomechanics, to an unmatched overview of the musculoskeletal and nervous systems.

Pocket Emergency Medicine contains the essential information that residents and medical students in the emergency department need to have at their fingertips. Major sections cover symptoms and diseases of each organ system as well as infectious diseases, environmental exposures, hematology and oncology, pediatric emergencies, the psychiatric patient, toxicology, airway management, and trauma. Information is presented in concise, rapid-access format, with easy-to-scan bulleted lists and tables. Chapters follow a standard structure—differential diagnosis, history, classic findings, critical studies, ED interventions, pearls, and references. The six-ring binder can accommodate the student's or resident's own notes. New topics covered in this edition include bioterrorism, distraction injuries, and indications for bedside emergency ultrasound. A special considerations section has been added to each chapter. Other new features include an acronym table, an introductory differential diagnosis table boxed for quick access, and an updated appendix with ACLS/PALS protocols, ICU medications, antibiotics, and formulas.

A compact, readable and highly-authoritative source of critical neurosurgical information, Neurosurgery has been produced with the participation of some of the world's leading neurosurgeons and neuroclinicians and is based on the curriculum of British, European and North American neurosurgical training programs. The book is extensively illustrated with hundreds of figures demonstrating the imaging features of all major neurosurgical pathologies, including diagrams explaining key anatomical and surgical concepts, and images showing the features of common brain tumours. There are key references at the end of each chapter and critical commentary of neurosurgical literature is also included. The handbook concisely covers all aspects of adult and paediatric neurosurgery. It is systematically and clearly broken down into easy-to-follow sections such as introductory basic concepts, definitions, epidemiology, pathology, clinical and neuroradiological characteristics, clinical management and decision making. Additional sections on operative treatment include the key critical surgical anatomy, and clear, step-by-step descriptions of common surgical techniques. Widely accepted practice guidelines, major classification schemes and common scales are clearly presented and explained.

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.

Part of the Oxford Case Histories series, this volume includes 65 neurosurgical cases covering core topics specified in the UK Neurosurgical Training Curriculum. Cases are drawn from the following clinical areas: trauma, vascular neurosurgery, tumours, spinal neurosurgery, hydrocephalus and paediatric neurosurgery, functional neurosurgery, and medical problems in neurosurgery. Revolving around actual patients and the relevant knowledge required in specific situations for decision making in clinical practice, this book will serve as an invaluable educational tool to help trainees, doctors, and practising neurosurgeons manage the a wide variety of clinical scenarios encountered in neurosurgery.

Every two years, the International Association for the Study of Pain publishes a compendium of benchmark papers that summarize the current status of pain research, treatment, and management throughout the world. Presented at the 15th World Congress on Pain in Buenos Aires in October 2014, these papers represent the thinking of the world's top pain scientists and clinicians. IASP distributes this book to participants in the Refresher Courses, and it is now available to pain researchers and clinicians who were unable to attend the Congress.

Each high-quality volume in the esteemed Washington Manual series brings together contributions from faculty and residents at the Washington University School of Medicine in St. Louis. The Washington Manual of Emergency Medicine, the latest addition to the series, focuses on practical content on how physicians actually practice emergency care. Comprehensive and concise, it also acts as a handy quick-reference, delivering need-to-know information at your fingertips, even in point-of-care situations.

Digital technologies are changing the way that surgeons operate. They are revolutionizing the ability of surgeons to visualize, plan, and create rapid prototyped models and patient-specific implants for the broad disciplines of ENT, plastic, oral and maxillofacial surgeons. This book provides information on the latest digital technologies available for craniomaxillofacial surgery, discussing how this technology allows for preplanned procedures with improved and superior outcomes. Rather than improvise during surgery, surgery and its procedures can be preconceptualized with superior outcomes and decreased patient morbidity.

Focuses on the effects of natural products and their active components on brain function and neurodegenerative disease prevention. Phytochemicals such as alkaloids, terpenes, flavanoids, isoflavones, saponins etc are known to possess protective activity against many neurological diseases. The molecular mechanisms behind the curative effects rely mainly on the action of phytonutrients on distinct signaling pathways associated with protein folding and neuro-inflammation. The diverse array of bioactive nutrients present in these natural products plays a pivotal role in prevention and cure of various neurodegenerative diseases, disorders, or insults, such as Alzheimer's Disease, Parkinson's Disease, Huntington's Disease, traumatic brain injury, and other neuronal dysfunctions. However, the use of these antioxidants in the management of neurodegenerative conditions has so far been not well understood. This is a comprehensive collection addressing the effects on the brain of natural products and edible items such as resveratrol, curcumin, gingerol, fruits, vegetables, nuts, and marine products.

Striking a balance between research, theory, and application, the sixth edition of INDUSTRIAL/ORGANIZATIONAL PSYCHOLOGY: AN APPLIED APPROACH prepares students for their future careers through a combination of scholarship, humor, case studies, and practical applications. Students will see the relevance of industrial/organizational psychology to their everyday lives through such practical applications as how to write a resume, survive an employment interview, write a job description, create a performance appraisal instrument, and motivate employees. Charts and tables simplify such complicated issues as employment law, job satisfaction, work motivation and leadership. Important Notice: Media content referenced within the product description or the product text may

not be available in the ebook version.

Written by an esteemed educator and founder of the renowned Chicago Review Course in Neurological Surgery™, this updated review reflects substantive content additions to the 8th edition. The two prior editions of the Rapid Review were must-have companions that fully leveraged the vast knowledge contained within Greenberg's legendary tome. Through repetition and spot-on questions, this book brings clarity to a specialty whose sheer depth and breadth presents comprehension and retention challenges. This book helps readers determine if they are retaining key data and information, thereby providing a robust self-assessment study tool for ABNS certification. The 7th companion generated glowing reviews, such as: "A wonderful example of how to turn the classic Greenberg text into a study guide rather than an encyclopedic reference to a young neurosurgeon" -AANS Young Neurosurgeons News Key Highlights Question formats include fill in the blank, open-ended questions, true/false, matching, and identification of various elements in diagrams/figures Mnemonic devices, helpful hints, clinical pearls, and study charts aid in comprehension and long-term retention Greenberg chapter headings are used (e.g. 4.2.3), thereby providing clear-cut Handbook references This book is designed to help neurosurgical residents prepare for the ABNS primary examination and/or rounds. It will enable practicing neurosurgeons, neurologists, neuroradiologists, and neuropathologists to develop a storehouse of knowledge required to efficaciously examine, analyze, diagnose, and treat neurosurgical patients.

The quintessential guide providing a one-stop roadmap to a neurosurgical career! Neurological surgery is a complex, highly selective specialty. For medical students and residents, navigating a huge array of neurosurgical information can be overwhelming. Neurosurgery Fundamentals by Nitin Agarwal is a portable reference enabling swift assimilation of neurosurgical care essentials. The book starts with a roadmap to a career in neurosurgery. It concludes with Advice from the Masters, featuring invaluable resources and insights from prominent neurosurgeons. Comprehensive technical overviews are provided on the neurological exam, neuroanatomy, neuroradiology, neurocritical care, traumatic brain and spinal cord injury, degenerative and deformity spine, neurovascular surgery, neurosurgical oncology, pediatric neurosurgery, functional neurosurgery, stereotactic radiosurgery, neurological infectious diseases, and interdisciplinary care. Socioeconomic topics include training, licensure, credentialing, and advocacy. Key Features Fundamental diseases, tests, and operative approaches are summarized. Top Hits feature the most salient questions, aiding in retention of knowledge. High-yield resources are highlighted to augment reader identification. Neurosurgical Pearls offer advice from the masters relevant to each chapter. High-quality illustrations, photographs, and radiographs enrich understanding. Aspiring neurosurgical providers will benefit from the easy-to-digest wealth of information in this concise, yet comprehensive guide.

The first and only pocket-sized, practical manual on plastic surgery, The Michigan Manual of Plastic Surgery is written by residents in the University of Michigan's renowned plastic surgery training program. This multidisciplinary review features contributions from senior residents in related fields including general surgery, oral and maxillofacial surgery, otolaryngology, orthopaedics, neurosurgery, and urology. Features: Easy-to-follow outline format covers the full range of clinical problems commonly encountered by plastic surgeons. Core content addresses fundamental principles and techniques, skin and soft tissue lesions, head and neck, facial reconstruction, craniofacial, aesthetic surgery, breast, hand and upper extremities, trunk, lower extremities, genitalia, and burns. Interdisciplinary versatility makes the handbook ideal for medical students and surgical residents seeking clinical consultations and pre-, intra-, and postoperative care. Additionally, the review provides a quick consult for practitioners whose work interacts with plastic and reconstructive surgery, as well as for those preparing for the in-service and written board examinations. NEW to the Second Edition... New full-color illustrations improve visual learning and enhance retention of key concepts. Carefully selected topics correspond to topics on plastic surgery in-service and specialty Board examinations. Helpful icons highlight material covered on the In-Service Board Exam. The thirteenth edition of the phenomenally successful Principles of Anatomy and Physiology contin-

ues to set the standard for the discipline. The authors maintained a superb balance between structure and function and continue to emphasize the correlations between normal physiology and pathophysiology, normal anatomy and pathology, and homeostasis and homeostatic imbalances. The acclaimed illustration program continues to be refined and is unsurpassed in the market. The thirteenth edition is fully integrated with a host of innovative electronic media, including WileyPLUS (access purchased separately.) No other text and package offers a teaching and learning environment as rich and complete.

Writing with the same wit, humor, and style of his earlier bestsellers, noted anthropologist Marvin Harris traces our roots and views our destiny.

A comprehensive overview of basic and clinical neurology using a symptom-oriented approach No other book makes the link between basic neuroscience and current approaches in diagnosis and treatment easier to understand than Clinical Neurology. Distinguished by its practice-oriented approach to neurology based on the patients' presenting symptoms, this classic has been updated and revised to make it even more clinically-relevant and enjoyable to read. Features: Essential concepts are presented within the framework of problems encountered in a clinical setting for greater relevance to real-world practice Chapter outlines provide a quick overview of each topic Treatment protocols reflect the most recent advances in the field Advances in molecular biology and genetics are incorporated throughout to enhance understanding of neurologic disease A step-by-step description of the neurologic examination More than 200 tables and figures

"A history of the human brain from the big bang, fifteen billion years ago, to the day before yesterday . . . It's a delight."—The New York Times Dr. Carl Sagan takes us on a great reading adventure, offering his vivid and startling insight into the brain of man and beast, the origin of human intelligence, the function of our most haunting legends—and their amazing links to recent discoveries. "How can I persuade every intelligent person to read this important and elegant book? . . . He talks about all kinds of things: the why of the pain of human childbirth . . . the reason for sleeping and dreaming . . . chimpanzees taught to communicate in deaf and dumb language . . . the definition of death . . . cloning . . . computers . . . intelligent life on other planets. . . . Fascinating . . . delightful."—The Boston Globe "In some lost Eden where dragons ruled, the foundations of our intelligence were laid. . . . Carl Sagan takes us on a guided tour of that lost land. . . . Fascinating . . . entertaining . . . masterful."—St. Louis Post-Dispatch

Widely known and well-respected, The Little Black Book of Neurology has been a thorough yet portable reference in this complex field for more than 30 years, presenting definitions, classifications, and guidance on diagnosis and management for a wide range of neurological disorders. The 6th Edition offers updated and expanded coverage of neuropharmacology and neuroimaging – plus a new, more user-friendly, fast-access format that makes the book ideal for quick clinical consultation or as a refresher for the Boards. Presents a comprehensive, yet concise, "all-in-one" introduction to neurology in a portable, alphabetical format – now newly structured to make reference faster and easier than ever. Enables you to access critical guidance at a glance with new tables of differential diagnosis, patient evaluation, and treatment options. Covers many new topics including significantly expanded sections on sleep, neuromuscular disorders, and critical care. Includes four new appendices: Neurocritical Emergencies • Therapeutic Care • AAN Guideline Summaries • and Scales – highlighting evidence-based guidelines when available, enabling you to make more informed clinical judgments. Offers updated and expanded coverage of neuropharmacology and neuroimaging.

Handbook of Spine Surgery, Second Edition, is a completely updated and comprehensive reference that distills the basic principles of contemporary spine surgery. Its coverage of both principles and techniques makes it an excellent refresher before surgery or a valuable daily companion for residents and surgeons caring for patients with spinal disorders. Key Features of the Second Edition: New chapters on adult degenerative deformity, pediatric scoliosis and radiographic principles of deformity Expanded spinal trauma section now includes separate chapters on cervical, thoracolumbar, and sacropelvic injuries Common clinical questions (with answers) at the end of each chapter highlight topics frequently encountered in the operating room and on board exams Easy-to-read bulleted format The second edition of this handbook is the go-to guide for all those involved in spine surgery.

Essentials of Neuroanesthesia offers useful insights on the anesthetic management of neurosurgical and neurologic patients. This book covers all topics related to neuroanesthesia, providing essential knowledge on the brain and spinal cord. Sections include chapters on anatomy, physiology,

and pharmacology, along with specific chapters related to various neurosurgical and neurological problems and their anesthetic management. This book provides an understanding of related issues, such as palliative care, evidence based practice of neuroanesthesia, sterilization techniques, biostatistics, and ethical issues, and is useful for trainees, clinicians, and researchers in the fields of neurosurgery, neurocritical care, neuroanesthesia, and neurology. Offers useful insights on the anesthetic management of neurosurgical and neurologic patients Discusses related issues, such as palliative care, evidence based practice of neuroanesthesia, sterilization techniques, biostatistics, and ethical issues Useful for trainees, clinicians, and researchers in the fields of neurosurgery, neurocritical care, neuroanesthesia, and neurology

Learn from key leaders in the field of neurosurgery with the practical guidance presented in this first-of-its-kind resource. Complications in Neurosurgery uses a case-based format to explore complications across the full range of commonly performed neurosurgical procedures. As you review dozens of up-to-date, real-life cases, you'll become better equipped to identify pitfalls ahead of time and have the knowledge to handle difficult situations that arise during surgery. Presents commonly encountered cases provided by experienced neurosurgeons in all areas of this challenging specialty. Includes high-quality photographs, images, and dynamic video to ensure complete visual understanding of the procedures. Uses a consistent, easy-to-read format throughout, covering a wide range of surgeries including general neurosurgery and cranial complications, as well as spinal and peripheral complications. Numerous videos depict possible complications for each type of surgery; for example, Complications of Cerebral Bypass Surgery includes videos showing how to obtain venous hemostasis without risking injury to the STA, how to manage atheroma within the donor vessel, and how to manage intraoperative occlusion of the bypass.

Praise for the first edition:Valuable structure for academic preparation...well-organized, comprehensive outline from which to study...good last-minute warm-up --Journal of NeurosurgeryThe second edition of Neurosurgery Oral Board Review builds on the success of the bestselling first edition in helping you prepare for your oral boards in neurosurgery. Not only does the book pinpoint the key clinical information you need, but it offers practical, confidence-building tips that will help you relax and succeed on the exam.New to this expanded and fully-updated Second Edition: Expanded introduction on what to expect at the actual exam, how to utilize your time, when and how to answer the toughest questions, and the single most important area where you must demonstrate competency 45 new illustrated clinical case vignettes offer practice in differential diagnosis, work-up, treatment, and handling complications; analysis of each case is included at the end of the book A restructured table of contentsfollows the format of the exam (first hour: spine, second hour: cranial, third hour: miscellaneous) The addition of 'Helpful Hints' at the end of each chapter give you the benefit of the authors' extensive clinical experience Comprehensive yet concise, this easy-to-use review is essential for your exam preparation and for questions that arise in clinical practice. It is also an indispensable study tool and reference for all senior residents, junior neurosurgeons getting ready to take their oral boards in neurosurgery, and neurosurgeons preparing to take their re-certification exams.

This case-based approach to emergency medicine is a unique and underutilized teaching strategy, written for emergency room residents and nurses.

Em sua Oitava Edição atualizada, o Manual de Neurocirurgia tem desfrutado de prestígio lendário nas prateleiras de todos os departamentos de neurocirurgia do mundo, por mais de um quarto de século. Reconhecido por sua abrangência e acessibilidade, este guia portátil, em um único volume, é o recurso indispensável para qualquer profissional envolvido no cuidado de pacientes com distúrbios do sistema nervoso central – tanto para residentes em neurocirurgia e enfermeiros quanto para especialistas e profissionais afins da área médica. Este clássico da literatura abrange toda a extensão e profundidade da neurociência, incluindo distúrbios neurológicos hereditários e adquiridos, anomalias do desenvolvimento, além de tópicos mais obscuros, como toxinas que afetam os sistemas nervosos central e periférico. O texto também inclui condições tratadas primariamente por neurologistas, que podem vir a ser tratadas por um neurocirurgião, como Parkinsonismo, esclerose múltipla, doenças do neurônio motor e demência. As informações mais recentes sobre anatomia, fisiologia, diagnóstico diferencial e princípios atuais do tratamento não cirúrgico e cirúrgico são fornecidas, abrangendo todas as faixas etárias, desde as condições pediátricas até as geriátricas. = Gráficos expandidos e ilustrações em quatro cores = Mais de 1600 páginas de informação prática, incluindo milhares de citações bibliográficas, referências úteis e um índice detalhado = Princípios dos cuidados neurocríticos, com uma visão abrangente das condições, desde SAH até traumatismo craniano e medular, incluindo complicações como perda de sal cerebral, ressangra-

mento, vasospasmo e morte cerebral. Abrangente e convenientemente compacto, esta é a referência diária indispensável, o parceiro de estudos perfeito para revisão e concursos, ideal para provas de título. É, com certeza, uma obra valiosa para legiões de residentes em neurocirurgia e uma ferramenta essencial para qualquer profissional que trabalhe com neurociência."

Now in its Seventh Edition, this best-selling Spiral® Manual is a practical quick-reference guide to the diagnosis and treatment of renal disorders. The book covers all common renal problems in a user-friendly outline format designed for rapid information retrieval. Coverage includes acute and chronic kidney diseases, fluid and electrolyte disorders, acid-base disturbances, urinary tract infections, kidney stones, and hypertension. Highlights of this Seventh Edition include updated information on kidney disease in diabetes. A chapter on drug dosing in patients with renal impairment provides specific recommendations for over 500 drugs.

The entrancing story of the Brontë sisters' childhood imaginary world, from the New York Times bestselling graphic novelist. Four children: Charlotte, Branwell, Emily and Anne have invented a world so real and vivid that they can step right into it. But can reality be enough, when fiction is so enticing? And what happens to an imaginary world when its creators grow up? Plots are spiralling, characters are getting wildly out of hand, and a great deal of ink is being spilt... Welcome to Glass Town.

Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The classic text that covers both the basic and clinical aspects of neurology – updated with the latest therapeutic advances A Doody's Core Title for 2019! Since 1989, Clinical Neurology has helped students, residents, and clinicians understand the link between basic neuroscience and current approaches in diagnosis and treatment. Applauded for its practice-oriented approach to neurology based on the patient's presenting symptoms, this full-color resource delivers the clearest and most efficient introduction to the field available today. As with each new edition, the authors have retained and refined the instructional material relating to the function of the nervous system in health and disease and have updated the text with the latest diagnostic and therapeutic advances. Recent discoveries in molecular biology and immunology have led to the approval of new drugs for the treatment of multiple sclerosis (alemtuzumab), spinal muscular atrophy (nusinersen), amyotrophic lateral sclerosis (edaravone), and Huntington's disease (deutetrabenazine). These and other therapeutic advances are included in this new edition. Presented in full color, Clinical Neurology is enhanced by chapter outlines that facilitate a quick review of each topic, an emphasis on the neurologic examination and history taking as the cornerstone of diagnosis, and treatment protocols that reflect the most recent advances in the field. If you are in need of a clear, well-written introduction to neurology as practiced on the wards and in an outpatient setting, your search ends here.

This text provides a comprehensive and contemporary overview of surgical approaches to lesions of the posterior fossa. It will serve as a resource for neurosurgeons and otologists who treat patients with tumors and vascular diseases of the posterior fossa. It provides a concise review of surgical strategies that address the most important pathologies affecting the posterior fossa. It is richly illustrated with photographs and illustrations of the surgical strategies covered. All chapters are written by experts with world-wide recognition for their contributions in their respective subspecialty. Skull Base Surgery of the Posterior Fossa will be of great utility to Neurosurgeons, Otolaryngologists, and Radiation Therapists with an interest in diseases that affect the posterior fossa, as well as Senior Residents in Neurosurgery and Otolaryngology, and Fellows of Skull Base Surgery and Otolaryngology.

"... the neurosurgical primer that every resident will own and study" - Robert Spetzler Given that the great majority of brain surgeries are preceded by a craniotomy, mastering the procedure is essential for junior residents. Choosing the appropriate craniotomy and executing it safely is the difference between a straightforward case with good access to the target and a procedure where access to the target is needlessly traumatic and may even be impossible. Professor Raabe's The Craniotomy Atlas provides precise instructions for performing all common neurosurgical cranial exposures, including: convexity approaches, midline approaches, skull base approaches, transsphenoidal approaches and more. Instructions for each craniotomy include positioning, head fixation, aesthetic considerations, and protecting the dura mater. Special Features: More than 600 high-quality operative photographs and brilliant illustrations support the step-by-step descriptions, with all the precision and attention to detail that neurosurgeons have come to expect from the editor Professor Raabe, and the associate editors Professors Meyer, Schaller, Vajkoczy, and Winkler. Full coverage of complications and risk factors Checklist with summaries of the critical steps All

residents and trainees in neurosurgery will treasure this essential resource, which will help build confidence when performing these critical neurosurgical procedures.

A unique, visually appealing, and easy-to-read guide on spinal anatomy, pathology, and management. The management of patients with spinal conditions involves a team-based approach, with professionals and trainees contributing through their respective roles. As such, medical trainees need resources that enable them to quickly and adeptly learn spine "basics," such as performing spinal examinations. This handbook is a concise, compact guide on key principles of spine surgical knowledge — from the atlanto-occipital joint to the coccyx. It provides both professionals and medical trainees with user-friendly, insightful text gleaned from the hands-on insights of seasoned spinal surgeons. Core fundamentals cover spine anatomy, clinical evaluations, spine imaging, diagnostic spine tests, and select spine procedures. Common surgical approaches are delineated in succinct bulleted text, accompanied by case studies and radiographic pathology. This format is conducive to learning and provides an ideal spine surgery review for medical students, postgraduate trainees participating in spine rotations, and residents. **Key Highlights** The only book on spinal pathology and management created with contributions from medical students and residents. High-impact citations and questions at the end of each chapter highlight key topics. Detailed drawings, diagrams, radiographic images, and MRIs elucidate and expand upon chapter topics. Tables provide a quick reference, with concise information including impacted anatomy, nerves, and procedural maneuvers utilized in exams. **Spine Essentials Handbook: A Bulleted Review of Anatomy, Evaluation, Imaging, Tests, and Procedures** is a must-have resource for orthopaedic and neurosurgery residents and medical students. It will also benefit physiatrists, spine practitioners, orthopaedic and neurosurgical trainees and nurses, and chiropractors.

The quintessential neurosurgical handbook for day-to-day practice! Now in an updated ninth edition, *Handbook of Neurosurgery* by Mark Greenberg is synonymous with the most classic neurosurgical handbook published to-date. It has enjoyed legendary status as the go-to manual for legions of neurosurgeons for more than a quarter century. The comprehensive and conveniently compact book brings together a wide range of clinical practice guidelines from disparate sources into an amazing one-stop resource. Renowned for its depth and breadth, the updated text with nearly 1,800 pages encompasses the entire spectrum of neurosurgery including anatomy, physiology, differential diagnosis, and current principles of nonsurgical and surgical management. The text covers a huge scope of inherited, developmental, and acquired neurological disorders impacting pediatric to geriatric patients. The easy-to-navigate print and electronic formats provide an intuitive foundation for studying the field of neurosurgery. **Key Features:** Boxed summaries, key concepts, tables, practice guidelines, signs/symptoms, and "booking the case" highlight and clarify salient points. Thousands of well-organized cross references, index entries, and literature citations provide additional study sources. Significant revisions to the tumor section reflect a wealth of up-to-date information including treatments, guidelines, sources, and more. The addition of new figures enhances understanding of diseases. As with prior editions, this must-have daily reference book does a magnificent job making essential neurosurgical information, current trends, breakthrough re-

search, and reviews readily accessible to all neurosurgeons and allied health practitioners.

Achieve optimal outcomes for your patients with this new multimedia reference. Organized by tumor then by region, this resource details diagnostic and therapeutic options for primary and malignant spinal tumors. Over 25 key procedures—including minimally invasive surgery—are presented in a concise, stepwise fashion, putting the key information you need right at your fingertips! Over 600 illustrations round out this exhaustive new reference. Keep up to date on the latest advances in diagnosis and therapy with discussions of the latest surgical techniques, including minimally invasive spine surgery. Chapter templating helps you understand the entire procedure as well as key aspects, pearls and pitfalls, before heading into the OR. Have all the information you need to make a diagnosis and plan patient management with oversized, full color clinical photos and line drawings that illustrate key diagnoses and surgical procedures.

Republished fifty years later to coincide with the release this fall of the film of the same title written and directed by Aaron Sorkin with an all-star cast, this is the classic account of perhaps the most infamous, and definitely the most entertaining, trial in recent American history. In the fall of 1969 eight prominent anti-Vietnam War activists were put on trial for conspiring to riot at the 1968 Democratic National Convention in Chicago. One of the eight, Black Panther cofounder Bobby Seale, was literally bound and gagged in court by order of the judge, Julius Hoffman, and his case was separated from that of the others. The activists, who included Abbie Hoffman, Jerry Rubin, and Tom Hayden, and their attorneys, William Kunstler and Leonard Weinglass, insisted that the First Amendment was on trial. Their witnesses were a virtual who's who of the 1960s counterculture: Allen Ginsberg, Timothy Leary, Arlo Guthrie, Judy Collins, Norman Mailer, among them. The defendants constantly interrupted to protest what they felt were unfair rulings by the judge. The trial became a circus, all the while receiving intense media coverage. The convictions that resulted were subsequently overturned on appeal, but the trial remained a political and cultural touchstone, a mirror of the deep divisions in the country. The Trial of the Chicago 7 consists of the highlights from trial testimony with a brief epilogue describing what later happened to the principal figures.

Established for over 40 years as the "bible" of the medical ward, *The Washington Manual® of Medical Therapeutics* is now in its Thirty-Third Edition and builds upon that proud tradition—with even more of the current information you need, delivered in a timesaving, quick-reference style. Its portability, comprehensiveness, and ease of access makes it a favorite on-call resource for housestaff and faculty around the world. In this edition, color has been added for better navigation, new decision support algorithms have been added, and an improved templated and bulleted format facilitates a quicker answer. With this edition you now have the capability to upload this content to your handheld device and receive updates to the information throughout the activation period. Plus, you have access to eight medical calculators that include: GFR - Cockcroft-Gault Method (Adult) Urea Reduction % (Hemodialysis) Transtubular Potassium Gradient Osmolal Gap Anion Gap Serum Osmolality Reticulocyte Index Body Mass Index (BMI) *The Washington Manual®* is a registered mark belonging to Washington University in St. Louis to which international legal protection

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*Atlas of Neurosurgical Techniques: Brain* presents the current information on how to manage diseases and disorders of the brain. Ideal as a reference for review in preparation for surgery, this atlas features succinct discussion of pathology and etiology that helps the reader gain a firm understanding of the underlying disease and conditions. The authors provide step-by-step descriptions of surgical techniques, clearly delineating the indications and contraindications, the goals, the operative preparation and anesthesia, and postoperative management. Common complications of techniques are also emphasized. Over 900 illustrations aid the rapid comprehension of the surgical procedures described in the text. **Highlights:** Clear descriptions of the surgical management of aneurysms, arteriovenous malformations, occlusive and hemorrhagic vascular diseases, tumors, lesions, pain disorders, trauma, infections, and more. Detailed discussion of disease pathology, etiology, and differential diagnosis. Concise outlines of indications, contraindications, as well as advantages and disadvantages of each technique illuminate the rationale behind surgical management. More than 900 illustrations, including 684 in full-color, demonstrate key concepts. Sections on the latest techniques in stereotactic and minimally invasive surgery. This companion volume to *Atlas of Neurosurgical Techniques: Spine and Peripheral Nerves* is an essential reference for all neurosurgeons and residents seeking the current information on state-of-the-art techniques in brain surgery.

*Schmidek and Sweet* has been an indispensable reference for neurosurgery training and practice for nearly 50 years, and the 7th Edition of *Operative Neurosurgical Techniques* continues this tradition of excellence. A new editorial board led by editor-in-chief Dr. Alfredo Quinones-Hinojosa, along with more than 330 internationally acclaimed contributors, ensures that readers stay fully up to date with rapid changes in the field. New chapters, surgical videos, and quick-reference features throughout make this edition a must-have resource for expert procedural guidance for today's practitioners. Discusses indications, operative techniques, complications, and results for nearly every routine and specialized procedure for brain, spinal, and peripheral nerve problems in adult patients. Covers the latest techniques and knowledge in deep brain stimulation for epilepsy, movement disorders, dystonia, and psychiatric disorders; surgical management of blast injuries; invasive electrophysiology in functional neurosurgery; and interventional management of cerebral aneurysms and arterio-venous malformations. Includes new chapters on bypass techniques in vascular disease, previously coiled aneurysms, CSF diversion procedures, surgical management of posterior fossa cystic and membranous obstruction, laser-ablation techniques, and brain stem tumors. Explores hot topics such as wide-awake surgery and ventriculo-peritoneal, ventriculoatrial and ventriculo-pleural shunts. Provides detailed visual guidance with more than 1,600 full-color illustrations and 50 procedural videos. Contains quick-reference boxes with surgical pearls and complications. Enhanced eBook version included with purchase. Your enhanced eBook allows you to access all of the text, figures, and references from the book on a variety of devices.