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Peter Nakaji
Hasan A. Zaidi
2018/288 pp./280 illus./hardcover/

A unique perspective on neuroendoscopic versus microsurgical techniques from world-renowned neurosurgeons

KEY FEATURES
• In-depth comparative guidance on applications of the flexible endoscope, rigid endoscope, 3D endoscope, and high-definition 2D endoscope versus the microscope
• A full spectrum of neurological conditions across the age continuum with comparative approaches for skull base surgery, pituitary surgery, hydrocephalus, spinal surgery, peripheral nerve surgery, and arachnoid cyst fenestration
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Fluorescence-Guided Neurosurgery
Constantinos G. Hadjipanayis
Walter Stummer
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The definitive textbook on state-of-the-art fluorescence-guided neurosurgery

As FGS is increasingly incorporated into neurosurgical practice, it holds promise for future innovations. Generously-illustrated and enhanced with online videos, this textbook is the definitive resource on the subject.

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• The improved efficacy of 5-ALA for resecting high- and low-grade gliomas, recurrences, meningiomas, brain metastases, spinal cord tumors, pediatric brain tumors, and other adult tumors
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Unparalleled firsthand insights and guidance
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In this book the fundamentals of microsurgical
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• Radiographs, operative photographs, and exquisite
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Tenets and Techniques for Clipping
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Handbook of Pain Surgery
Kim J. Burchiel
2018/400 pp./132 illus./softcover/

Art, meet science. Pain surgery explained.

This compact, reader-friendly text, based on the bestselling Surgical Management of Pain, Second Edition, discusses the challenging, and yet prevalent, area of intractable pain syndromes. Edited by an esteemed functional neurosurgeon, the book includes craniofacial pain, spinal cord and peripheral nerve stimulation techniques, nonsurgical approaches, and destructive procedures.

LEARN ABOUT
• Spinal cord stimulation for failed back surgery syndrome
• Intrathecal analgesic therapies and DREZ lesioning
• Pros and cons of nerve surgery for peripheral neuropathic pain

Migraine Surgery
Bahman Guyuron
2018/112 pp./85 illus./hardcover/

17 years of migraine research, culminating in state-of-the-art surgical techniques

By world-renowned plastic surgeon Dr. Bahman Guyuron, a pioneer in migraine surgery, this state-of-the-art book is the only one on the market dedicated to the surgical treatment of migraines. With a brief history of migraines followed by an overview of clinical presentation, imaging, and abortive and preventive treatments, this unique book is the ultimate guide to headache surgery.

DISCUSSIONS
• Migraine trigger points including impacted anatomy, detection methods, and trigger point deactivation surgery
• Surgical treatment of frontal, temporal, rhinogenic, occipital, auriculotemporal, lesser occipital, and nummular migraines
• Compression points, trigger sites, nerves, and surgical treatment of headaches

Also Consider

Nerve Surgery
Mackinnon
2015
ISBN 978-1-58890-513-0

Surgical Management of Pain
Burchiel
2015
ISBN 978-1-60406-751-4
Handbook of Pediatric Neurosurgery
George I. Jallo  Karl F. Kothbauer  Violette M.R. Recinos
2018/556 pp./275 illus./softcover/

An essential backpack-size resource on the treatment of pediatric neurological conditions

Pediatric neurosurgery has witnessed considerable technological advances, resulting in more efficacious outcomes for young patients with hydrocephalus, epilepsy, brain tumors, spinal deformities, and a host of other conditions.

KEY HIGHLIGHTS
• State-of-the-art procedures, best practices, and clinical pearls from top pediatric neurosurgeons
• Cranial disorders including Chiari malformations, encephaloceles, Dandy-Walker malformation, and craniosynostosis
• Benign and malignant tumors—from the optic pathways and hypothalamus to the brainstem and spinal column
• Spinal abnormalities like spina bifida, tethered cord, and scoliosis
• Clinical questions and answers at the end of chapters—ideal for self-testing and exam prep

Handbook of Neuroscience Nursing
Denita Ryan
Winter 2018/476 pp./191 illus./softcover/

The first point-of-care book designed to enhance patient care at the bedside

Written by advanced practice nurses in collaboration with physician experts from one of the world’s most renowned neurosurgical institutions. The authors deftly guide the readers through managing neurological diagnoses and help them understand the treatment that patients with these conditions may undergo.

KEY HIGHLIGHTS
• Superb illustrations and 10 animations created by master artists bring to life the anatomical structures, pathologies, and mechanisms of injury described
• Lists, tables, and boxes are organized in a concise layout that allows quick consultation and implementation
• Diagnostic images, medical illustrations, and treatment algorithms help elucidate the implications of managing patients with complex neurological conditions
• Appendices contain extensive complementary information including discharge instructions and checklists that are of great help to family caregivers and healthcare professionals alike
Neurosurgical Operative Atlas
Functional Neurosurgery
Third Edition
Robert E. Gross
Nicholas M. Boulis
2018/362 pp./287 illus./hardcover/

A state-of-the-art guide from world-renowned innovators

Functional neurosurgery focuses on improving the lives of patients with epilepsy, movement disorders, pain, and psychiatric illnesses. In recent years, approaches ranging from open surgery to minimally invasive techniques have been leveraged to improve daily functioning and quality of life in people struggling with painful, highly disruptive, and/or treatment-resistant symptoms. These approaches focus on reducing or eliminating seizures, alleviating pain, decreasing abnormal movements or lessening debilitating symptoms associated with specific psychiatric disorders.

NEW IN THIS EDITION
Streamlined and updated with new content, including the use of stereotactic surgery to treat obsessive compulsive disorder, Tourette syndrome, and major depression.

Neurotrauma and Critical Care of the Brain
Second Edition
Jack Jallo Christopher M. Loftus
2018/432 pp./107 illus./hardcover/

The latest on management of traumatic brain injury

From the prehospital setting to intensive care, top experts share clinical pearls and core guidelines on the management of mild, moderate, and severe TBI and complications.

KEY FEATURES
• Specialized topics various injuries and complications
• Management of pediatric brain injuries in the NICU with illustrative cases
• High quality illustrations facilitate understanding of complex anatomy and techniques

NEW
• The updated text reflects cutting-edge discussion on traumatic brain injury management in a neurocritical care setting
• Chapters new to this edition include concomitant injuries, orbital/facial fractures, vascular injuries, spine fractures, autonomic dysfunction, and temperature management
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Neurosurgery Primary Board Review
Ross C. Puffer
2018/170 pp./217 illus./softcover/

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KEY HIGHLIGHTS
• A subscription to Thieme’s MedOne Neurosurgery provides links to additional in-depth neurosurgical content, enhancing knowledge acquisition and retention
• Every multiple choice question includes an explanatory answer for quick reference
• The single-correct-answer based 375-question practice exam, available online, provides a stellar test run by simulating timing and test fatigue

Neurosurgery Fundamentals
Nitin Agarwal
2018/416 pp./250 illus./softcover/
ISBN 978-1-62623-822-0/

The quintessential guide providing a one-stop roadmap to a neurosurgical career!
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.

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.

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Shaya et al., 2018
ISBN 978-1-62623-346-1

Shaya et al., 2016

Mattle/Mumenthaler, 2017
ISBN 978-3-13-136452-4
Surgery of the Brainstem
Robert F. Spetzler
M. Yashar S. Kalani
Michael T. Lawton
2018/384 pp./400 illus./hardcover/

The ultimate guide
to navigating and treating
brainstem pathologies

Recent advances in imaging, microscopy, anesthesia, and operative techniques
have expanded the treatment paradigm for this most eloquent region of the
brain.

KEY HIGHLIGHTS
• A full spectrum of treatment
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  including open surgery, endoscopic
  approaches, stereotactic radiosurgery,
  radiotherapy, endovascular
  techniques, and revascularization
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  dissections delineates critical
  landmarks in the brainstem, thalamus,
  pineal region, and cranial nerves
• Detailed discussion of patient
  positioning and exposure of various
  brainstem domains
• Pearls on overcoming psychological,
  pathological, and anatomical barriers
  and managing complications

Meningiomas of the Skull Base
Paolo Cappabianca  Domenico Solari
2018/234 pp./292 illus./hardcover/

Covers all the individual regions of occurrence

KEY FEATURES:
• Discussion of pathology and therapy organized by anatomic
  location of the lesions with the goal of providing best patient
  outcomes
• New WHO meningioma classification system based on most
  recent research in growth patterns, gene sequencing, and
  molecular patterns of development
• Important updates on the newest developments in treatment
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  radiotherapy and radiosurgery for the smaller lesions and to
  avoid the necessity of performing radical surgery

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Peris-Celda et al., 2018
€249.99

Spetzler et al., 2017
€234.99
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Kern Singh
Alexander R. Vaccaro
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• Added discussion of surgical challenges, including warnings and descriptions of internervous planes
• 201 detailed, clearly labeled images of common spine procedures provide invaluable anatomical and clinical guidance
• Expanded insights on positioning in spine surgery

Surgical Care of the Painful Degenerative Lumbar Spine
Evaluation, Decision-Making, Techniques
Edgar N. Weaver, Jr.
2018/152 pp./75 illus./softcover/

Devoted to refining degenerative spine disease evaluation and techniques

KEY HIGHLIGHTS
• Discussion of techniques including en bloc laminectomy, the U-turn approach to root decompression, hemilaminectomy – a safe and versatile decompressive technique, and the lateral intra-muscular planar (LIMP) procedure
• The use of a descriptive clinical sub-classification system for low back pain and grading scale based on a simple testing maneuver
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Controversies in Spine Surgery, MIS versus OPEN
Best Evidence Recommendations
Alexander R. Vaccaro et al.
2018/264 pp./51 illus./hardcover/

A tremendous, evidence-based guiding tool

In this book MIS and open approaches are thoroughly compared and contrasted in each chapter. Evidence is presented and analyzed in an objective manner with ‘opposing sides’ presenting differing opinions and techniques, resulting in a synchronous collection of pros and cons. Every chapter is masterfully summed up by the book’s editors — each of whom have varying stances on the topics at hand.

Neurotrauma and Critical Care of the Spine
Second Edition
Jack Jallo
Alexander R. Vaccaro
2018/238 pp./77 illus./hardcover/
ISBN 978-1-62623-341-6/

Cutting-edge discussion on spine injury management in a neurocritical care setting

From the pre-hospital to intensive care setting, this unique reference provides a comprehensive, yet concise approach to the treatment of acute spinal cord injury and management of patients with chronic SCI.

Chapters new to this edition include neurological assessment of spinal injury, clearing the cervical spine, management of concurrent TBI and spinal injury, blood pressure and oxygen management, temperature management, fluids and osmotherapy, pharmacology, autonomic dysreflexia, infection after SCI, and emerging therapies.

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Endoscopic Sinonasal Dissection Guide
Including Orbit and Skull Base
Second Edition
Roy R. Casiano
Islam R. Herzallah
Jean Anderson Eloy
2017/166 pp./353 illus./softcover/

A visually rich manual
Following a stepwise approach that mirrors residents’ progress in the cadaver lab, this user-friendly manual demonstrates instrumentation, anteroposterior approaches, and posteroanterior approaches.

IN THIS EDITION
• Online videos demonstrate navigation
• Exquisite diagrams show the area’s appearance before and after resection
• Illustrations, endoscopic views, and CT/MRI images elucidate key concepts
• Anatomical landmarks pinpoint surgical entry zones

Endoscopic Approaches to the Paranasal Sinuses and Skull Base
A Step-by-Step Anatomic Dissection Guide
Manuel Bernal-Sprekelsen
Isam Alobid
Joaquim Enseñat
Alberto Prats-Galino
2017/434 pp./930 illus./hardcover/

Don’t get left behind: read the indispensable guide to endoscopic approaches
This work thoroughly reviews all endoscopic approaches for the nose and paranasal sinuses and, through them, the skull base. With emphasis on understanding complex anatomy, this book outlines vital structures; it employs more than 900 full-color images including cadaver dissection photographs to this end.

HIGHLIGHTS
• Internationally renowned specialists from Europe and the United States
• Fresh cadaver dissection photos illustrating all steps
• Details of specific anatomic landmarks for spatial orientation
• Potential complications and methods to reduce them

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Bernal-Sprekelsen et al., 2013
ISBN 978-3-13-160531-3
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Anatomy, Pathology, and Management
Benjamin S. Bleier
Suzanne K. Freitag
Raymond Sacks
2018/200 pp./200 illus./hardcover/

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• Pathology-specific topics including congenital and acquired lacrimal obstruction, thyroid-related eye disease, trauma, orbital neoplasms, and skull-base neoplasms with orbital involvement
• High definition, narrated surgical videos delineating specific surgical techniques

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Third Edition
Stacy Smith
Andrew G. Lee
Paul W. Brazis
2018/316 pp./31 illus./hardcover/

High quality four-color clinical images

The book lays a solid foundation on the management of neurologic eye disorders including symptoms, ophthalmologic testing, diagnosis, and treatment.

KEY HIGHLIGHTS
• Unique graphic algorithms help clinicians differentiate conditions with frequently overlapping clinical manifestations
• The evaluation and treatment of various neuro-ophthalmologic processes, stratified by four classes of evidence and four levels of clinical recommendation
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