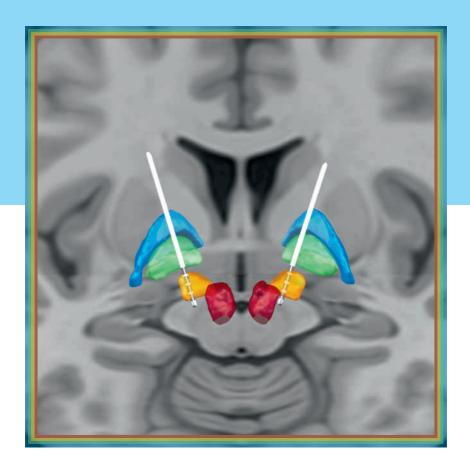
2020

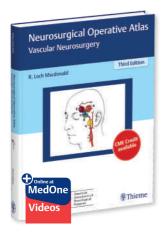
Neurosurgery

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Neurosurgical Operative Atlas Vascular Neurosurgery Third Edition

R. Loch Macdonald

2019/320 pp./291 illus./ hardcover & eBook ISBN 978-1-62623-110-8 ₹23,100

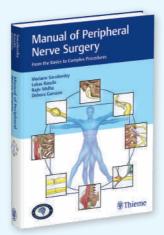
A state-of-the-art neurovascular surgery atlas

Streamlined and updated with new content, including 38 videos that complement the concise step-by-step guidance in the text.

KEY HIGHLIGHTS

- Nearly 300 high-quality color illustrations detail impacted anatomy and procedures
- The latest techniques for treating a full spectrum of aneurysms, such as ophthalmic segment, supraclinoid internal carotid artery, middle and anterior cerebral artery, basilar and posterior cerebral artery, and others
- Treatment of vascular abnormalities including arteriovenous malformations, superficial and brainstem cavernous malformations, arteriovenous fistulae, Moyamoya disease, and more

Nerve surgery, simplified



Manual of Peripheral Nerve Surgery

From the Basics to Complex Procedures

Mariano Socolovsky Lukas Rasulic Rajiv Midha Debora Garozzo

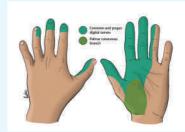
2017/292 pp./267 illus./ hardcover ISBN 978-3-13-240955-2 ₹14,700

Understand and repair peripheral nerve lesions

Developed and written by top international experts in the field, this new work is a comprehensive yet concise manual for reviewing peripheral nerve anatomy, pathophysiology, typical and classic lesions, and diagnostics. This succinctly written manual on a range of topics concludes each chapter with a step-by-step description for surgical repair of lesions.

FEATURES

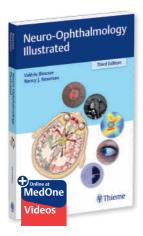
- Text by members of the World Federation of Neurosurgical Societies (WFNS) Peripheral Nerve Committee
- Full coverage of all typical nerve lesions from anatomical basics to complex surgeries
- More than 250 radiological images, color illustrations, and dissection photographs











Neuro-Ophthalmology Illustrated Third Edition

Valérie Biousse Nancy J. Newman

2019/694 pp./628 illus./softcover & eBook ISBN 978-1-68420-074-0 ₹10.300

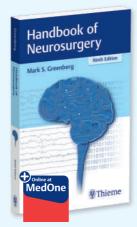
A highly praised modern classic with video clips!

This new edition expands on the widely acclaimed prior editions, lauded with awards by the Association of American Publishers and the British Medical Association. The updated text reflects diagnostic advances such as optical coherence tomography and features new high-quality images and videos.

ALSO RECOMMENDED



Kranzler, 2017 ISBN 978-1-62623-206-8 ₹8900



New edition!

Handbook of Neurosurgery Ninth Edition

Mark S. Greenberg

2019/1,792 pp./280 illus./ softcover & eBook ISBN 978-1-68420-137-2 ₹10,800

The quintessential neurosurgical handbook for day-to-day practice!

Now in an updated ninth edition, this book 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 text encompasses the entire spectrum of neurosurgery including anatomy, physiology, differential diagnosis, and current principles of nonsurgical and surgical management. It covers a huge scope of inherited, developmental, and acquired neurological disorders impacting pediatric to geriatric patients.

- 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



Ischemic Stroke Management

Medical, Interventional and Surgical Management

Alejandro M. Spiotta Roberto Crosa

2019/160 pp./43 illus./hardcover & eBook ISBN 978-1-62623-908-1
₹10.300

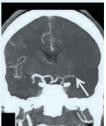
A complete guide to improving stroke treatment and patient outcomes from international experts!

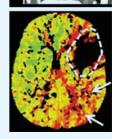
This book covers complete management of ischemic stroke, from symptom manifestation to interventions in the ER, OR, and NICU.

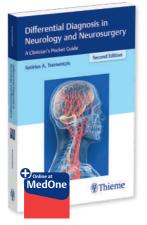
KEY FEATURES

- With contributions from South America to Europe, North America to Asia, authors share diverse experiences treating stroke patients, delivering a unique international perspective
- Endovascular neurosurgery ischemic stroke approaches and discussion of scientific evidence
- Mechanical thrombectomy utilizing Catch, Trevo, and Solitaire stent retrievers and the evolution of direct clot aspiration approaches
- Special topics include neurocritical care of acute ischemic stroke, pediatric stroke, and emerging state-of-the-art techniques









Differential Diagnosis in Neurology and Neurosurgery

A Clinician's Pocket Guide

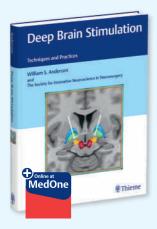
Second Edition

Sotirios A. Tsementzis

2019/714 pp./417 illus./softcover & eBook ISBN 978-3-13-241718-2/₹5400

An essential pocketbook in a new edition

This pocket-sized Thieme flexibook offers quick, reliable clarification of a wide and often confusing array of presenting symptoms. The book provides vital diagnostic information in a convenient tabular format that leaves "no stone unturned" in considering the rarer possibilities, and is enormously helpful in achieving an accurate diagnosis. Handy and comprehensive, it is ideal for physicians involved in examining and admitting patients who require neurosurgical intervention.



Deep Brain Stimulation Techniques and Practices

William S. Anderson

2019/190 pp./98 illus./hardcover & eBook ISBN 978-1-62623-797-1/₹6900

The one-stop resource on deep brain stimulation for functional neurosurgeons!

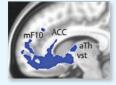
Deep brain stimulation (DBS) is used to modulate dysfunctional circuits in the brain with stimulation pulses applied to specific target areas of the brain.

KEY HIGHLIGHTS

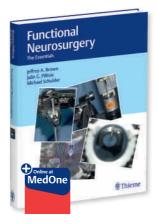
- Lead placement techniques utilizing currently available customized platforms and robotics
- Microelectrode recording and image-based direct targeting with MRI and CT to enhance lead placement
- Lesioning methods including radiofrequency, and MRguided focused ultrasound
- Discussion of recent innovations in tractography to delineate white matter tracts in the brain and closed loop stimulation











Functional Neurosurgery

The Essentials

Jeffrey A. Brown Julie G. Pilitsis Michael Schulder

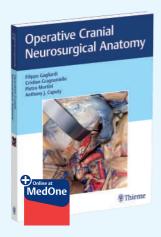
2019/288 pp./300 illus./hardcover ISBN 978-1-62623-774-2 ₹15.700

Functional resource features state-ofthe-art approaches from renowned experts!

For patients with inadequately treated epilepsy, tremor, dystonia, spasticity, depression, obsessive-compulsive disorder, Parkinson's and Alzheimer's disease, functional neurosurgery offers hope. The text features contributions from authors with expertise spanning the disciplines of neurosurgery, neurology, rehabilitation and physical medicine, neurophysiology, bioengineering, psychiatry and ophthalmology.

HIGHLIGHTS

- Imaging: MRI and CT for stereotactic neurosurgery, fMRI and resting state MRI
- Movement disorders: A comparative analysis of the risks and benefits of deep brain stimulation versus lesioning
- Epilepsy: Temporal lobectomy and extratemporal surgery; invasive monitoring, neuromodulation, laser interstitial thermal therapy, and vagus nerve stimulation
- Dystonia: Etiology to diagnosis, medical and surgical options
- Future innovations: Exoskeletons, intention controlled, and visual neuroprosthetics



Operative Cranial Neurosurgical Anatomy

Filippo Gagliardi Cristian Gragnaniello Pietro Mortini Anthony J. Caputy

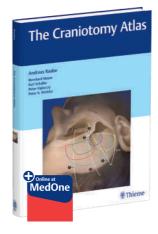
2019/360 pp./532 illus./hardcover & eBook ISBN 978-1-62623-216-7
₹10.800

One-of-kind textbook provides comprehensive tutorial with step-bystep text and visuals

A user-friendly tutorial on cranial approaches, clearly delineated through concise written instructions and serial images. Surgical technique fundamentals and basic variants, including surgical anatomy and landmarks, are highlighted in over 500 figures and illustrations.

KEY FEATURES

- Summaries, graphics, and schematic drawings provide immediate access to salient information to utilize during surgical dissections and for surgical preparation
- A wide spectrum of procedures from the precaruncular approach to the medial orbit and central skull base to surgical anatomy of the petrous bone
- Diverse endonasal procedures including sublabial, transphenoidal, modified lothrop, odontoidectomy, and endoscopic endonasal transmaxillary
- Vascular procedures such as middle cerebral artery bypass and internal maxillary artery bypass



"... the neurosurgical primer that every resident will own and study" - Robert Spetzler

The Craniotomy Atlas

Andreas Raabe

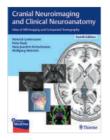
2019/256 pp./926 illus./hardcover & eBook ISBN 978-3-13-205791-3/₹14,700

This book 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.

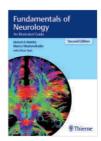
SPECIAL FEATURES:

- High-quality operative photographs and brilliant illustrations support the step-by-step descriptions
- Full coverage of complications and risk factors
- Checklist with summaries of the critical steps

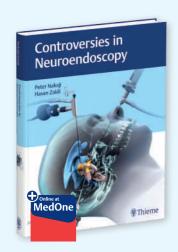
ALSO RECOMMENDED



Lanfermann et al., 2019 ISBN 978-3-13-672604-4 ₹19,600



Mattle/Mumenthaler, 2017 ISBN 978-3-13-136452-4 ₹6900



Controversies in Neuroendoscopy

Peter Nakaji Hasan Zaidi

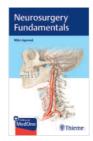
2019/310 pp./184 illus./hardcover & eBook ISBN 978-1-62623-353-9/₹14,300

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
- Radiological imaging and intraoperative photographs enhance cases and provide precise, insightful technical guidance

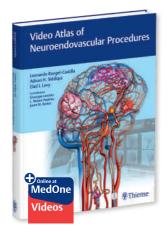
ALSO CONSIDER



Agarwal, 2018 ISBN 978-1-62623-822-0 ₹3500



Shaya et al., 2018 ISBN 978-1-62623-346-1 ₹4900



Video Atlas of Neuroendovascular Procedures

Leonardo Rangel-Castilla

Adnan H. Siddiqui

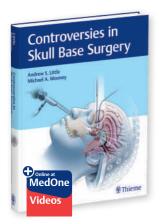
Elad I. Levy

2019/360 pp./1,058 illus./hardcover & eBook ISBN 978-1-68420-118-1/₹16,700

The go-to guide on safely performing state-of-the-art neuroendovascular procedures from top experts!

This superb video atlas covers a full spectrum of endovascular approaches to diagnose and treat intra- and extracranial neurovascular disease. The image-rich clinical cases feature insightful firsthand knowledge and pearls.

- Specific techniques and key steps are brought to life through more than 140 outstanding videos narrated by highly experienced endovascular neurosurgeons — conveniently accessible via smart phone or tablet using QR technology
- Essential diagnostic procedures such as cerebral and spinal angiography, cerebral venogram, and balloon test occlusion
- Complex neuroendovascular procedures including various angioplasty and stenting approaches for extracranial vessel disease, carotid and vertebral arteries, and venus sinus
- Thrombectomy procedures to treat acute ischemic stroke
- Coiling, flow diversion, and embolization techniques for intracranial aneurysms, brain/spinal AVMs and fistulas, and select CNS and extracranial tumors



Controversies in Skull Base Surgery

Andrew S. Little Michael A. Mooney

2019/352 pp./275 illus./ hardcover & eBook ISBN 978-1-62623-953-1 ₹19,600

State-of-the-art approaches and insightful discussions on challenging topics in skull base surgery

This textbook is unique in that it tackles problems typically minimized or ignored by other texts that impact a patient's quality of life and recovery. It focuses on management strategies and treatment options for a wide range of tumors affecting the skull base, while addressing the most urgent and challenging questions facing skull base surgeons today.

KEY HIGHLIGHTS

- Reader-friendly tables feature concise summaries, author pearls, and levels of available evidence
- Pearls and insights on hotly debated issues such as the role of radiosurgery, surgery vs. medical management, radical resection vs. subtotal resection, and proton-beam vs. photon therapy for various pathologic conditions
- Controversies not frequently discussed in depth, including the
 use of lumbar drains, postoperative antibiotics, and cerebral
 revascularization in skull base surgery; multidisciplinary collaboration
 in endoscopic endonasal surgery; skull base reconstruction
 techniques; and the future of robotics in skull base surgery

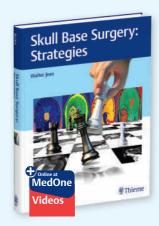
PAIR WITH



Peris-Celda et al., 2018 ISBN 978-1-60406-900-6 ₹24,500



Cappabianca & Solari, 2018 ISBN 978-3-13-241286-6 ₹16,200



Skull Base Surgery: Strategies

Walter Jean

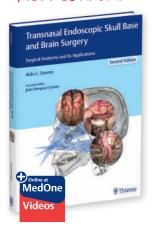
2019/455 pp./505 illus./ hardcover & eBook ISBN 978-1-62623-957-9 ₹21,600

Unique skull-base surgical resource features strategic, technical, and philosophical pearls from master surgeons

KEY HIGHLIGHTS

- Nine sections organized by anatomy cover tumors in the anterior, anterolateral, lateral, central, posterosuperior, and posteroinferior skull base regions, and clivus, petrous bone, and ventricles
- Thirty-two systematically organized chapters flow from clinical presentation and radiographic/anatomical findings of specific patients and tumors – to decisionmaking and execution of the surgical approach
- Perspectives sections at the end of each chapter embrace the concept of diverse surgeon viewpoints on similar ideas, techniques, and approaches

New edition!



Transnasal Endoscopic Skull Base and Brain Surgery Surgical Anatomy and its Applications Second Edition

Aldo C. Stamm

2019/736 pp./1,425 illus./ hardcover & eBook ISBN 978-1-62623-710-0 ₹18 700

Outstanding cutting-edge resource

This fully revised and updated second edition focuses on detailed descriptions of sinonasal, orbital, cranial base, and intracranial anatomy, imaging modalities, and in-depth surgical navigation techniques form the foundation of this remarkable book.

KEY FEATURES

- Beautiful anatomical, operative, and dissection illustrations and photographs enhance understanding of impacted areas
- 18 accompanying videos provide guidance on endoscopic transnasal approaches in patients with diverse skull base diseases
- Pearls, pitfalls, and nuances throughout this book provide invaluable insights on achieving optimal outcomes



Neurosurgery Primary Examination Review High Yield Questions, Answers, Diagrams, and Tables

Amgad S. Hanna

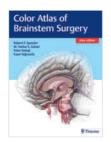
2019/276 pp./227 illus./ softcover & eBook ISBN 978-1-62623-490-1 ₹7400

Practical Q&A guide enhanced with unique diagrams and tables

The reader-friendly content and layout make it easy to organize and review the complex subject matter in preparation for the written exam or for educational review.

KEY HIGHLIGHTS

- Approximately 600 questions divided into 10 tests cover relevant knowledge for the exam
- Answer keys include salient information on important differentials
- More than 60 tables and diagrams provide a practical, selfdirected method for organizing and retaining important facts
- More than 200 high-quality images including radiographs, pathology slides, anatomical drawings, and operative photographs accompany questions and answers



FIRST PRIZE WINNER

in Surgery Specialties category in the 2018 BMA Medical Book Awards

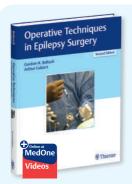
Spetzler et al., 2017 ISBN 978-1-62623-027-9/₹23,100

Surgery of the Brainstem

Robert F. Spetzler M. Yashar S. Kalani Michael T. Lawton

2018/384 pp./400 illus./hardcover & eBook ISBN 978-1-62623-291-4/₹23,100





Operative Techniques in Epilepsy Surgery Second Edition

Gordon H. Baltuch **Arthur Cukiert**

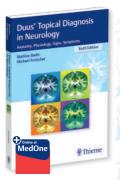
2019/256 pp./250 illus./ hardcover & eBook ISBN 978-1-62623-818-3/₹16,700

Practical coverage of the innovative surgical techniques for epilepsy

Distinguished pioneers in the field provide comprehensive coverage of the range of operative approaches, helping clinicians to thoroughly prepare for surgery.

KEY FEATURES

- Guidelines from leading experts in the field of epilepsy surgery
- Detailed step-by-step descriptions of procedures, including practical information on image guidance and invasive monitoring
- Discussion of innovative techniques including deep brain stimulation, responsive stimulation, and radiosurgery
- High-quality illustrations facilitate comprehension of surgical steps



Topical Diagnosis in Neurology Anatomy, Physiology, Signs, Symptoms Sixth Edition

Mathias Baehr Michael Frotscher

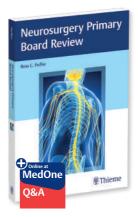
2019/332 pp./429 illus./softcover & eBook ISBN 978-3-13-240958-3/₹5900

The perennial neurology classic, updated and expanded

The sixth edition of Duus' classic Topical Diagnosis in Neurology builds on the clear, integrated presentation of anatomy, function, and disorders of the central nervous system that made it a success for almost over five decades, serving as a guick reference for practitioners and trainees alike.

FFATURES OF THE SIXTH EDITION:

- New tables and clinical case examples
- Improved descriptions of neuroanatomical/neurophysiological basics in the context of clinical symptoms
- Twenty-three new illustrations, to a total of more than 400 illustrations
- A wide range of study aids and clinical correlations that support the emphasis on integrative medicine in the current medical school curricula



Neurosurgery Primary **Board Review**

Ross C. Puffer

2018/170 pp./ 217 illus./softcover ISBN 978-1-62623-927-2 **₹**8900

This study quide presents an up-to-date question bank consisting of more than 1,500 multidisciplinary questions with answers, 600 of which are featured in the book. The remaining questions, links to cited references, and a comprehensive 375-question standalone exam are posted on MedOne Neurosurgery. Thieme's outstanding online collection of neurosurgical content.

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 fatique



Pediatric Epilepsy Surgery

Preoperative Assessment and Surgical Treatment Second Edition

Oğuz Cataltepe George I. Jallo

2019/736 pp./600 illus./ hardcover & eBook ISBN 978-1-62623-816-9 ₹25.000

The definitive reference for pediatric epilepsy surgery

Written by internationally recognized authorities, this cutting-edge book provides essential information about the preoperative assessment of and surgical approaches to the treatment of epilepsy in children.

HIGHLIGHTS:

- · Complete coverage of the selection of surgical candidates, including young patients with congenital or early lesions
- · Detailed discussion of the latest surgical techniques such as hippocampal transection, cortical and deep brain stimulation and radiosurgery
- Comprehensive presentation of all major hemispherectomy and hemispherotomy techniques



Pediatric Endoscopic Endonasal Skull Base Surgery

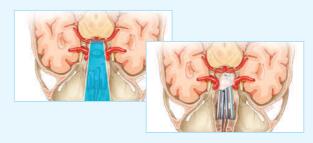
Harminder Singh Jeffrey P. Greenfield Viiav K. Anand Theodore H. Schwartz

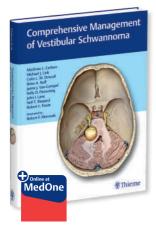
2019/224 pp./ 500 illus./hardcover ISBN 978-1-62623-501-4 ₹11,300

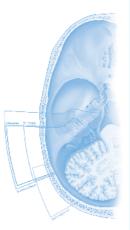
The definitive state-of-the-art resource on pediatric endoscopic endonasal approaches

The first textbook focused solely on endoscopic endonasal management of cranial base pathologies in children. The book reflects in-depth expertise from an extraordinary group of international contributors from five continents, who share extensive knowledge on this emerging field.

- Core topics including anatomy, rhinological and anesthetic considerations, patient positioning and OR set-up, instrumentation, and endonasal corridors and approaches
- Detailed endoscopic treatment of a full spectrum of pediatric pathologies, such as craniopharyngioma, meningoencephalocele, basilar invagination, and benign and malignant tumors, among others
- Discussion of multiple skull-base closure techniques, managing complications, and neurosurgical and otolaryngological postoperative care







Comprehensive Management of Vestibular Schwannoma

Matthew L. Carlson, et al.

2019/593 pp./441 illus./hardcover & eBook ISBN 978-1-62623-331-7 ₹17,200

The definitive resource on clinical management of vestibular schwannoma from world renowned experts

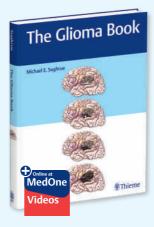
A comprehensive textbook covering all the clinical aspects of vestibular schwannoma management. Written by multidisciplinary experts ensure a balanced view of all treatment modalities for sporadic and neurofibromatosis type 2-associated vestibular schwannoma.

KEY FEATURES

- Evaluation, surgical and nonsurgical approaches, rehabilitation, controversies, and long-term clinical outcomes
- Detailed illustrations by Robert Morreale, senior medical illustrator at the Mayo Clinic, highlight relevant anatomy and surgical approaches
- Chapter summary tables provide readers with a rapid clinical reference derived from the published world literature
- The chapter "Anatomy of Vestibular Schwannoma Surgery" by the late internationally renowned neurosurgeon Albert L. Rhoton Jr. reflects his major contributions on this subject







The Glioma Book

Michael E. Sughrue

2019/344 pp./345 illus./hardcover & eBook ISBN 978-1-62623-444-4 ₹15.200

A unique resource on glioma leverages advances and firsthand insights to enact meaningful change

This is the first step-by-step technical guide focused on aggressively resecting different types of gliomas. The book is logically organized, starting with a foundation of fundamental knowledge, then progressing to practical applications. Chapters focus on the skills necessary to perform glioma surgery, specific techniques, and systematic approaches to gliomas in different brain regions.

- Numerous case examples illuminate concepts introduced earlier in the book and explain how to perform these procedures
- About 30 high quality videos posted online provide insightful procedural quidance
- The role of connectomic imaging in visualizing the cerebrum, and other innovative techniques including awake brain mapping and diffusion tensor tractography

MedOne Neurosurgery

Now with Dr. Greenberg's Handbook of Neurosurgery, 9th Edition!



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CASES

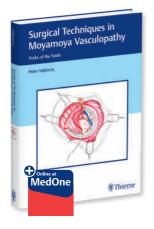
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Surgical Techniques in Moyamoya Vasculopathy Tricks of the Trade

Peter Vaikoczy

2019/186 pp./410 illus./hardcover & eBook ISBN 978-3-13-145061-6 ₹14.700

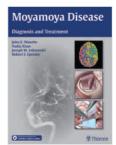
A luminary in the field of cerebrovascular surgery brings his pace-setting work on the surgical management of moyamoya disease to the neurosurgical community

While there is no cure for moyamoya, a variety of surgical procedures can be performed to re-establish and maintain adequate blood supply to the affected brain areas. The procedures described here include various revascularization techniques and recommended bypasses.

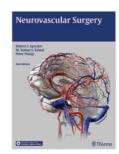
KEY FEATURES:

- Perioperative management and considerations
- An overall practical approach to this painstaking high-end surgery
- Rescue strategies when repeat surgery is necessary

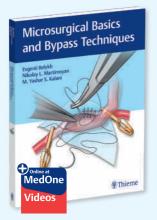
ALSO RECOMMENDED



Wanebo, 2014 ISBN 978-1-60406-730-9 ₹12,800



Spetzler, 2015 ISBN 978-1-60406-759-0 ₹34.300



Microsurgical Basics and Bypass Techniques

Evgenii Belykh Nikolay L. Martirosyan M. Yashar S. Kalani

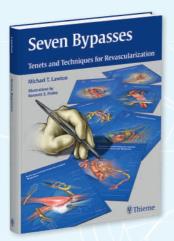
2019/112 pp./130 illus./softcover & eBook ISBN 978-1-62623-530-4/₹7900

A step-by-step manual on fundamental microsurgical bypass techniques young neurosurgeons need to master!

A comprehensive yet succinct manual on fundamental laboratory techniques rarely included in clinical textbooks. The resource simplifies repetitive microsurgical practice in the laboratory by providing a menu of diverse, progressively challenging exercises.

Step-by-step instructions accompanied by easy-to-understand illustrations, expert commentary, and videos effectively bridge the gap between laboratory practice and operating room performance.

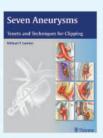
Twenty-six videos cover a wide array of topics – from diverse methods for holding instruments and suturing techniques - to end-to-end, endto-side, and side-to-side anastomosis procedures.



ALSO BY DR. LAWTON



Lawton, 2014 ISBN 978-1-60406-875-7 ₹15,700



Lawton, 2011 ISBN 978-9-38037-897-4 ₹10,900

Seven Bypasses

Tenets and Techniques for Revascularization

Michael T. Lawton

2018/698 pp./1.519 illus./hardcover ISBN 978-1-62623-483-3/₹23,100

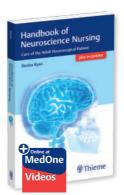
Unparalleled firsthand insights and guidance on complex pathologies in vascular neurosurgery

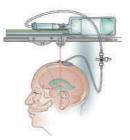
In this book the fundamentals of microsurgical anastomosis and the craft of bypass surgery are explored in depth with clinical pearls in every chapter.

KEY FEATURES

- Stepwise discussion of the three anastomoses that form the building blocks of all bypasses
- Ten tenets delineate nuances of bypass
- Step-by-step guidance on the seven bypasses
- Strategies and algorithms for aneurysms organized by specific anatomical sites
- Radiographs, operative photographs, and exquisite illustrations elucidate anatomy, surgical principles, and clinical cases

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





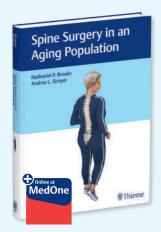
Handbook of Neuroscience Nursing Care of the Adult Neurosurgical Patient

Denita Rvan

2018/476 pp./191 illus./softcover & eBook ISBN 978-1-62623-378-2 eISBN 978-1-62623-379-9

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



Spine Surgery in an Aging Population

Nathaniel P. Brooks Andrea L. Straver

2019/288 pp./275 illus./hardcover & eBook ISBN 978-1-62623-914-2/₹12,800

An invaluable primer on surgical and nonsurgical treatment

Readers gain knowledge to avoid complications and improve outcomes for older adult spine patients.

KEY HIGHLIGHTS

- Diagnosis and treatment of osteoporosis to help prevent fractures and optimize pre-surgery treatment approaches
- Management of common pathologies of the aging spine
- Special topics include value-based care, nonsurgical management of spinal pain, vertebral augmentation, minimally invasive surgery, and instrumentation considerations



Sagittal Balance of the Spine From Normal to Pathology: A Key for Treatment Strategy

Pierre Roussouly João Luiz Pinheiro-Franco **Hubert Labelle** Martin Gehrchen

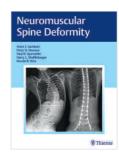
2019/256 pp./259 illus./ hardcover & eBook ISBN 978-1-62623-732-2 ₹13.800

Unique resource from internationally renowned experts details the key role of sagittal spine balance

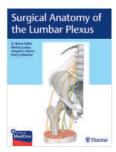
KEY HIGHLIGHTS

- The role of sagittal balance in low back pain and degeneration, with discussion of spinal orientation and the contact forces theory, spinal degeneration associated with spinopelvic morphotypes, and compensatory mechanisms
- Comprehensive analysis of the relationship between sagittal imbalance and isthmic lysis spondylolisthesis, degenerative spondylolisthesis, Scheuermann's kyphosis, adolescent idiopathic scoliosis, and adult scoliosis
- Posterior and anterior treatment approaches

ALSO RECOMMENDED



Samdani et al., 2018 ISBN 978-1-62623-260-0 ₹15,700



Tubbs et al., 2018 ISBN 978-1-62623-889-3 ₹8400



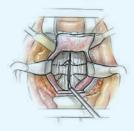
An Anatomic Approach to **Minimally Invasive Spine Surgery**

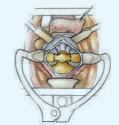
Second Edition

Mick J. Perez-Cruet Richard G. Fessler Michael Y. Wang

2019/580 pp./439 illus./hardcover & eBook ISBN 978-1-62623-643-1 ₹25,500

Learn state-of-the-art MIS techniques from master spine surgeons!



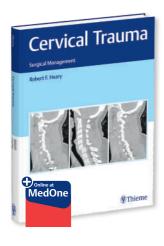




The book presents a diverse spectrum of current safe and efficacious MIS procedures and future innovations including surgical as well as nonsurgical procedures.

KEY FEATURES

- Step-by-step illustrations, including depictions by master surgical and anatomic illustrator Anthony Pazos
- 20 online videos feature real-time operative fluoroscopy, pertinent anatomy, operative set-up, and common cervical, thoracic, and lumbar approaches
- Discussion of novel MIS techniques including robotic assisted thoracic spine surgery and stem-cell based intervertebral disc restoration



Cervical Trauma Surgical Management

Robert F. Heary

2019/288 pp./260 illus./hardcover & eBook ISBN 978-1-62623-853-4/₹13,300

The definitive textbook from master spine surgeons!

Topics included are minimally invasive surgery, neurointerventional techniques, reconstructive therapy with bone grafts or alternative stabilization methods, evidence-based medications, and SCI rehab.

KEY HIGHLIGHTS

- Discussion of upper cervical injuries from more prevalent trauma to uncommon injuries like atlantoaxial rotatory fixation
- Management of subaxial injuries in adults and children and cervical burst fractures
- Special topics including sport-related cervical spine injuries and return-to-play criteria, craniovertebral injuries in pediatric patients, and managing comorbidities

New edition!



Spinal Injection Techniques

Second Edition

Theodoros Theodoridis Juergen Kraemer

2019/308 pp./503 illus./hardcover & eBook ISBN 978-3-13-241447-1/₹17,200

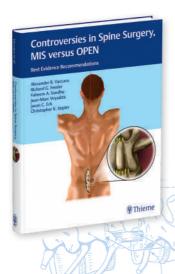
A practical guide and useful compendium on techniques that represent viable alternatives to spine surgery

The authors describe techniques that are viable alternatives to spine surgery and do not rely on diagnostic imaging. Illustrated by real-life photographs from the author's practice, each technique-related chapter guides the reader step-by-step and with great precision through the injection procedures.

HIGHLIGHTS

- Provides detailed coverage of injection therapy without the use of image guidance
- Features inpatient and outpatient minimally invasive spine therapy, and concomitant pharmaceutical treatments
- Includes essential information on contraindications and patient consent
- More than 400 color illustrations and photographs demonstrate the relevant anatomy, patient positioning, and accurate needle placement

World-renowned surgeons. State-of-the-art treatments.



Controversies in Spine Surgery, MIS versus OPEN

Best Evidence Recommendations

Alexander R. Vaccaro et al.

2018/264 pp./51 illus./hardcover ISBN 978-1-60406-881-8 ₹13,800

A tremendous, evidence-based quiding 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.

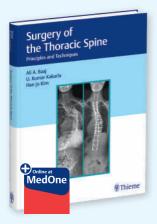
ALSO RECOMMENDED



Vialle, et al., 2018 ISBN 978-1-62623-455-0 ₹10.800

Get the complete set!

For the complete set of the AOSpine Masters Series and more titles from the AO Foundation on spine care and spine surgery please visit www.thieme.in/AO **Foundation**



Surgery of the Thoracic Spine Principles and Techniques

Ali A. Baai U. Kumar Kakarla Han Jo Kim

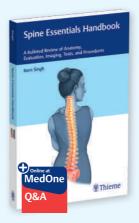
2019/318 pp./147 illus./ hardcover & eBook ISBN 978-1-62623-855-8 ₹16,700

The definitive guide to thoracic spine pathologies and state-ofthe-art surgical approaches

With contributions from a cadre of distinguished experts, the book encompasses pathophysiology, surgical techniques, and reconstructive strategies for common degenerative, congenital, oncologic, and traumatic diseases of the thoracic spine.

KEY FEATURES

- Management of less common inflammatory and infectious spinal diseases
- Oncologic topics including primary, intradural extramedullary, and intramedullary spinal cord tumors and thoracic spine metastases
- · Classification of thoracic spinal fractures, discussion of complete and incomplete thoracic spinal cord injuries, posterior and ventral treatment of thoracic spine fractures, and osteoporotic compression fractures



Spine Essentials Handbook

A Bulleted Review of Anatomy. Evaluation, Imaging, Tests, and **Procedures**

Kern Sinah

2019/262 pp./165 illus./ softcover & eBook ISBN 978-1-62623-507-6 ₹6900

Provides an ideal spine surgery review

This handbook is a concise, compact quide on key principles of spine surgical knowledge - from the atlanto-occipital joint to the coccyx. Common surgical approaches are delineated in succinct bulleted text. accompanied by case studies and radiographic pathology.

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
- Tables provide a quick reference, with concise information including impacted anatomy, nerves, and procedural maneuvers utilized in exams

ALSO RECOMMENDED



Weaver, 2018 ISBN 978-1-62623-806-0 ₹4900



Jallo & Vaccaro, 2018 ISBN 978-1-62623-341-6 ₹14,700



Singh & Vaccaro, 2018 ISBN 978-1-62623-623-3 ₹5900



Comprehensive Neurosurgery Board Review

Third Edition

Jonathan S. Citow et al.

2019/700 pp./490 illus./ softcover & eBook ISBN 978-1-62623-102-3 ₹14.300

A new edition of the successful single-volume resource for board preparation

Authored by a team of expert clinicians and neurosurgery trainees who earned top scores on their exams, this edition distills the current knowledge of the neurosciences and essential information for clinical practice.

FFATURES OF THIS NEW EDITION:

- Concise descriptions aid rapid review of key concepts
- Bullet-point format enhances ease of use and facilitates comprehension
- Up-to-date coverage of classic symptoms and signs of common neurosurgical diseases
- Current information related to the genetic basis of neurosurgical conditions



Neurosurgery Oral Board Review Third Edition

Jonathan S. Citow Robert J. Spinner Ross C. Puffer

2019/320 pp./200 illus./ softcover & eBook ISBN 978-1-68420-126-6 ₹5900

The perfect white coat study companion for acing the oral boards!

This user-friendly book is packed with all the essentials that are needed to prepare for the exam. It can be used either for a rapid review a few days prior to the exam or as an outline to organize study preparation. Each chapter starts with a collection of salient facts. followed by cases that simulate the actual oral board experience.

KEY HIGHLIGHTS

- Eighty entirely new, first-rate cases supplemented by a large number of images
- In-depth focus on the current state-of-the-art in neurosurgery
- Complications and emergency procedures discussed in greater detail



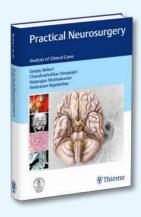
Neurosurgical Review For Daily Clinical Use and **Oral Board Preparation**

Vasilios A. Zerris

2019/384 pp./100 illus./ softcover & eBook ISBN 978-1-68420-021-4 ₹10.300

Robust exam prep and didactic review

- Charts and schematics provide an excellent learning tool and study prep
- The high yield and easy to memorize format helps readers "visualize" knowledge
- Audio files enhance the ability to create a mental framework, thereby increasing comprehension and retention of content
- Cases presented at the end of each chapter focus primarily on core material tested in the general neurosurgery ABNS exam session taken by all candidates irrespective of their declared subspecialty



Practical Neurosurgery Analysis of Clinical Cases

First Edition

Best Seller

Saniav Behari Chandrashekhar Deopujari Natarajan Muthukumar Vedantam Rajshekhar

2017/528 pp./166 illus./hardback/ ISBN 978-9-38506-278-0/₹5,700

Practical Neurosurgery: Analysis of Clinical Cases, this volume has been put together by experts in the field and employs a problem-solving approach to help neurosurgical practitioners in decision-making and management of their cases. The compilation establishes treatment protocols through the analysis of several clinical cases, their differential diagnosis, and a systematic algorithmic approach to their management. It, thus, provides a roadmap to neurosurgeons to help them in decision-making and dealing with complex cases.

KEY FEATURES

- Uses a clinical approach, starting from the presentation of very basic to the very complex clinical cases in a step-wise manner.
- Carefully-researched, with a lot of detailing of facts and a state-of-the-art perspective in the field of neurosurgery.
- · Contains learning tools like flowcharts, figures, boxes, tables, illustrations, and clinical images to elucidate concepts for better understanding and decision-making.
- Uses simple, lucid language to aid comprehension.



Missile Injuries of the Brain, Spine, and Peripheral Nerves

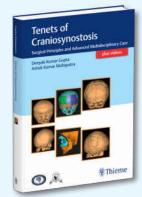
Second Edition

Brig (Dr) Harjinder Singh Bhatoe

2018/268 pp./152 illus./Hardback/ ISBN 978-9-38825-710-7/₹6,300

Missile Injuries of the Brain, Spine, and Peripheral Nerves is a complete reference resource for neurosurgeons dealing with injuries of gunshot and other missiles. It aims at enhancing the understanding of such injuries to the brain, spine, and peripheral nerves and their management principles. Its content is primarily based on the author's experience during his time spent in the Indian Army Medical Corps.

- Concept and principles of ballistics as well as the pathophysiology of gunshot (and shrapnel) injuries, with easy correlation to diagnostic imaging, in a simplified manner
- Exhaustive coverage of management, critical care, and controversies related to different types of gunshot wounds.
- A separate chapter on the history of missile injuries
- A separate chapter on blast injuries, a topic that has been covered for the first time in the Indian neurotrauma literature
- · Meticulously selected illustrations to aid in the understanding of the injuries and planning their treatment and prognostication
- A separate chapter on nonmissile penetrating injuries of the skull and brain



Tenets of Craniosynostosis

Surgical Principles and Advanced Multidisciplinary Care

First Edition

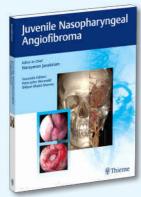
Ashok Kumar Mahapatra Deepak Kumar Gupta

2018/195 pp./241 illus./hardback/ ISBN 978-9-38629-356-5/₹4,800

Tenets of Craniosynostosis, an essential quide to contemporary craniosynostosis surgery care. It is a comprehensive work that describes fundamental theoretical and clinical concepts behind successful multidisciplinary management of patients with craniosynostosis. Written by experts in the field, the book details the current practices and standards, thereby serving as an important reference resource for pediatric neurosurgeons and plastic and reconstructive facio maxillary surgeons. It will also be a valuable quide for all neurosurgeons, residents, and fellows working in this area.

KEY HIGHLIGHTS

- Emphasis on clinical management strategies for craniosynostosis surgeries
- Chapters on the use of 3D print technology for training on craniosynostosis surgeries and geometric corrections
- Detailed explanation of basic subtypes of non-syndromic craniosynostosis (anterior plaqiocephaly, trigonocephaly, brachycephaly, scaphocephaly) along with further description through actual illustrative case studies
- Description of the follow-up management for syndromic craniosynostosis variants requiring midface distractions and Le Fort III osteotomies
- · Comprehensive coverage of posterior vault distractions, Chiari in craniosynostosis, and secondary craniosynostosis, along with case studies
- Full-color illustrations and images that facilitate understanding



Juvenile Nasopharyngeal Angiofibroma

First Edition

Narayanan Janakiram

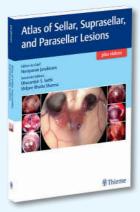
2017/304 pp./391 illus./hardback/ ISBN 978-9-38506-276-6/₹5,700

Juvenile Nasopharyngeal Angiofibroma is a rare tumor in adolescent males. This book, the first of its kind devoted to the management of this tumor, is based on Dr N. Janakiram's paradigm shifting management technique for these highly vascular tumors

This volume also offers a new classification for different stages of these tumors and explains surgical techniques for managing them. This meets a long-standing requirement as the classification had remained incomplete because of the lack of adequate number of reported cases globally.

LEARN ABOUT

- Systematic organization of content and wide coverage of topics: from frequently performed procedures to complex, challenging surgeries, surgical approaches and technical maneuvers.
- Complete explanation of latest endoscopic techniques and optimal utilization of new technologies.
- Coverage of all stages of juvenile nasopharyngeal angiofibroma, based on a new endoscopic staging system.
- Step-by-step detailing of different types of surgical procedures, with lucid descriptions and vivid, highresolution images and illustrations to aid comprehension.



Atlas of Sellar, Suprasellar and Parasellar Lesions

Narayanan Janakiram

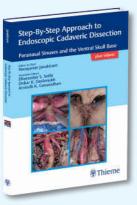
2019/476 pp./1097 illus./hardback/ ISBN 978-9-38825-753-4/₹8.995



Atlas of Sellar, Suprasellar, and Parasellar Lesions, encompassing both transcranial and transsphenoidal routes, recounts the high points and advances that have made minimally invasive approaches to these complex regions possible, as well as their relative indications and technical nuances. Familiarity with the techniques, the indications, and the surgical anatomy for each procedure will allow the surgeon to tailor the operation according to the approach best suited for each patient.

KEY FEATURES

- An expert, authoritative, international team of authors provides surgical insight and guidance through pearls of wisdom from their career-long experiences
- · Detailed, step-by-step videos of operative procedures highlight potential technical and anatomical hazards of the lesions
- Richly illustrated with hundreds of outstanding endoscopic images and corresponding drawings; this atlas successfully covers the latest techniques for skull base surgery
- From anatomical orientation to diagnosis and evidence-based procedures, complication avoidance, and postoperative management, this book covers a wide gamut of topics that skull base surgeons face in everyday practice
- This book provides information on patient selection, choice of operative approach, special needs for minimally invasive procedures, and early diagnosis and treatment of complications after surgery



Step-By-Step Approach to Endoscopic Cadaveric Dissection

Paranasal Sinuses and the Ventral Skull Base

First Edition

Narayanan Janakiram

2018/216 pp./147 illus./Hardback/ ISBN 978-9-38825-706-0/₹4,200

Step-By-Step Approach to Endoscopic Cadaveric Dissection: Paranasal Sinuses and the Ventral Skull Base elucidates on Dr Janakiram's "15 Commandments," which are the fundamental surgical principles he and his students follow for endoscopic sinus and skullbase surgery. Following these principles makes endonasal endoscopic surgery safe, effective and relatively trouble-free. This book describes the entire spectrum of endonasal endoscopic sinus and ventral skullbase surgeries with the help of lucid descriptions and high-resolution images, illustrations, and videos. It is a complete compilation of the author's surgical principles and techniques, described to the finest

details. The images and videos are prepared from cadaveric dissections performed by the author himself, thus adding great value to the explanations.

- · Systematic organization of the content on a wide range of topics and endoscopic procedures, beginning with instrumentation and basic procedures, leading to complex skull base approaches
- Detailed and easy-to-understand descriptions with high-resolution images to help comprehension by familiarizing the readers with endonasal endoscopic anatomy and endonasal endoscopic surgical approaches
- Fifteen explanatory dissection videos with voiceover by Dr Janakiram himself for thorough understanding concepts for better understanding and decision-making.
- · Uses simple, lucid language to aid comprehension.



Surgery of Brachial Plexus

First Edition

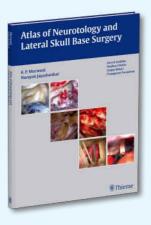
A.K. Mahapatra Rajiv Midha Sumit Sinha

2016/228 pp./140 illus./hardback/ ISBN 978-9-38506-249-0/₹4,700

The book explains preoperative diagnostic imaging, ultrasound evaluation of brachial plexus and peripheral nerves, and the role of preoperative electrophysiology in treating these lesions. It covers surgical strategies for the management of adult and obstetric brachial plexus injuries and radiationinduced brachial plexus neuropathy, among other important topics.

SPECIAL FEATURES

- The book adopts a multidisciplinary approach for explaining the treatment and rehabilitation of brachial plexus injuries and other
- In some chapters, it includes Applied Anatomy sections containing information essential for practitioners, presented in a succinct, point-wise manner for easy comprehension.
- It uses flowcharts, figures, boxes, tables, illustrations, and images of normal anatomy (radiographs, CTs, etc.) to elucidate concepts for better understanding.



Atlas of Neurotology and Lateral Skull Base Surgery

First Edition

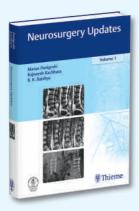
K. P. Morwani Narayan Jayashankar

2015/260 pp./798 illus./hardback/ISBN 978-9-38207-693-3/₹4,700

Atlas of Neurotology and Lateral Skull Base Surgery covers all aspects of a multidisciplinary approach for treatment in this field. Bringing together the super specialities of otology, neurotology and neurosurgery, it offers an understanding of the various approaches to deal with lesions in theskull base.

This atlas will help readers understand the intricate anatomy of the lateral skull base region along with the treatment approaches in the combined fields of neurotology and lateral skull base surgery. It has been systematically structured into 19 sections, keeping pedagogical considerations in view, and it covers all topics related to neurotology and lateral skull base surgery. It offers surgical tips and tricks and also highlights potential pitfalls to ensure favorable surgical outcome.

- · A quick guide for otologists, neurotologists, and neurosurgeons
- Includes over 700 high-quality photographs showing cadaveric dissections and step-by-step representation of live surgical procedures
- Provides case examples for each approach
- Describes the anatomy of lateral skull base in a step-by-step approach, combined with specific approaches designed to excise lesions
- Presents up-to-date pathology management techniques
- Provides Tips and Pearls at the end of each chapter to highlight important points



Neurosurgery Updates

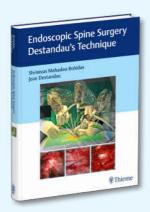
Volume 1

Manas Panigrahi Rajneesh Kachhara B. K. Baishya

2019/156 pp./43 illus./hardback/ ISBN 978-9-38825-775-6/₹2,495

This book is an essential update on the novel approaches used for surgical management of a spectrum of disorders affecting the spine. Focusing on practitioners, residents, and trainee neurosurgeons, the book offers quidance on selecting the most appropriate surgical management option for a variety of spinal conditions. All the 11 chapters of the book take the reader through a stepwise, logical presentation of not only the surgical approaches but also the neuroanatomy and biomechanics of the spine, pain mechanisms, and imaging techniques. Based on evidence-based practice and the vast experience of all authors, the book guides the reader through the diagnostic hierarchy and selection of the requisite approach for managing various disorders of

the different regions of the spine. The book also identifies some of the most common potential complications of certain techniques and discusses strategies for avoiding them. The various surgical techniques have been described in the form of case presentations and illustrated with the help of images. The book will be of interest to not only neurosurgeons but also orthopaedic surgeons.



Endoscopic Spine Surgery - Destandau's Technique

First Edition

Shrinivas Mahadeo Rohidas Iean Destandau

2016/244 pp./202 illus./hardback/ ISBN 978-9-38506-212-4/₹5,700

Endoscopic Spine Surgery—Destandau's Technique provides a detailed and critical analysis of the Destandau's Technique, a pure endoscopic technique developed and popularized by eminent French neurospine surgeon. The benefits of this technique include achieving higher mobility and wider reach of spinal defects despite minimal invasion, better management of underlying compressive pathology, quicker patient recovery, lesser blood loss, and increased spinal stability.

HIGHLIGHTS

- Explains the latest advancement and future of 3D imaging, and also the use of ultrasonic bone dissector in Destandau's Technique.
- Documents cases and their surgical results in a clear, systematic manner.
- · Covers basics as well as advanced aspects of the technique extensively, thereby making it useful for new as well as experienced surgeons.



Lumbar Interbody Fusion

Pearls and Techniques

First Edition

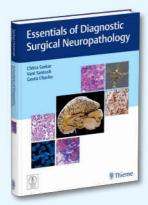
Satish Rudrappa

2019/180 pp./217 illus./Hardback/ ISBN 978-9-38825-754-1/₹3.995

Lumbar spine disease constitutes the most common condition affecting the spine. Degeneration among all other pathologies frequently impairs the normal functioning of the lumbar spine. Lumbar interbody fusion (LIF) surgery is, thus, the most common surgery performed by spine surgeons, neuro, and orthopaedic surgeons. LIF techniques have evolved and been modified over decades for the best clinical outcomes. The advent of newer technologies and instrumentation have further minimized tissue damages. Spine surgeons, who need to be versatile, need to have sufficient knowledge about pros and cons of each approach to get the best clinical outcomes. This book is a reference resource to fulfil that purpose..

KEY FEATURES

- The discussion elaborates on different LIF procedures.
- Provides an overview algorithm to use different available procedures in various clinical scenarios based on the advantages of each procedure.
- Eminent international and national experts have shared their expertise and experiences in their chapters.



Essentials of Diagnostic Surgical Neuropathology

First Edition

Chitra Sarkar Vani Santosh

2017/272 pp./85 illus./hardback/ ISBN 978-9-38629-335-0/₹3,200

In recent years, rapid strides have been made in the field of Neuropathology. Thishas led to significant improvement in diagnosis. Emerging information on the pathology of neoplastic and non-neoplastic brain diseases has also improved diagnostic criteria and classification systems, impacting the management of patients.

Geeta Chacko

Essentials of Diagnostic Surgical Neuropathology is the first book on Neuropathology in India that covers the vast subject of Surgical Neuropathology in a concise, point-wise format, making reading and recapitulation easy. The main emphasis of this book is on neoplastic pathology, given the revolutionary changes which have occurred in the understanding

of CNS tumors. In addition, the book also explains the pathology of non-neoplastic lesions that need surgical intervention. In current clinical practice, clinicians are increasingly dependent upon holistic histomolecular diagnosis that aids clinical decision making. Since ancillary techniques are a very important component of diagnosis and of the final integrated pathology reports, the book also includes immunohistochemistry and molecular diagnosis especially in the brain tumor section.

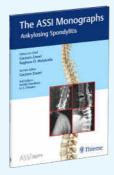
SPECIAL FEATURES

- High quality representative coloured photomicrographs
- Immunoprofile and key molecular genetic alterations
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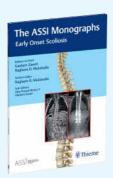


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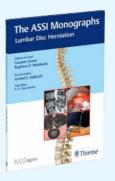


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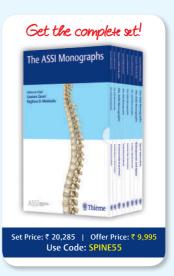


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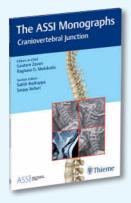
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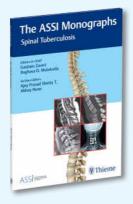
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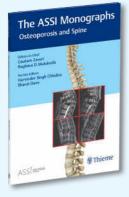
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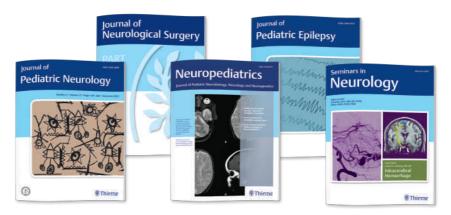
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