# 2018 Quarter 4 Advanced Book Information

## Featured Titles
- **Oct-18**  Thieme Test Prep for the USMLE®: Medical Microbiology and Immunology Q&A, 1st Edition
- **Nov-18**  Thieme Test Prep for the USMLE®: Medical Neuroscience Q&A, 1st Edition
- **Nov-18**  Thieme Test Prep for the USMLE®: Medical Biochemistry Q&A, 1st Edition
- **Dec-18**  Cosmetic Injection Techniques: A Text and Video Guide to Neurotoxins and Fillers, 2nd Edition
- **Dec-18**  Transnasal Endoscopic Skull Base and Brain Surgery: Surgical Anatomy and its Applications, 2nd Edition

## Neurosurgery Titles
- **Oct-18**  Neurosurgery Fundamentals, 1st Edition
- **Nov-18**  Operative Cranial Neurosurgical Anatomy, 1st Edition
- **Nov-18**  Controversies in Neuroendoscopy, 1st Edition
- **Dec-18**  Neurosurgery Primary Examination Review: High Yield Questions, Answers, Diagrams, and Tables, 1st Edition

## Spine Surgery
- **Oct-18**  Surgical Anatomy of the Lumbar Plexus, 2nd Edition
- **Nov-18**  An Anatomic Approach to Minimally Invasive Spine Surgery, 1st Edition

## Plastic and Reconstructive Surgery Titles
- **Dec-18**  Plastic Surgery Oral Board Prep: Case Management Questions and Answers, 1st Edition

## Ophthalmology Titles
- **Oct-18**  Clinical Pathways in Neuro-Ophthalmology: An Evidence-Based Approach, 3rd Edition
- **Oct-18**  Endoscopic Surgery of the Orbit: Anatomy, Pathology, and Management, 1st Edition
- **Oct-18**  Optimizing Suboptimal Results Following Cataract Surgery: Refractive and Non-Refractive Management, 1st Edition
- **Dec-18**  Oculoplastic Surgery, 3rd Edition

## Ear, Nose, and Throat
- **Nov-18**  Neck Dissection, 1st Edition
- **Dec-18**  Laryngeal Cancer: Clinical Case-Based Approaches, 1st Edition
- **Dec-18**  Head and Neck Cancer: Management and Reconstruction, 2nd Edition
- **Dec-18**  Pediatric Endoscopic Endonasal Skull Base Surgery, 1st Edition

## Audiology
- **Dec-18**  Audiology Practice Management, 3rd Edition

## Radiology Titles
- **Oct-18**  RadCases Plus Q&A Neuro Imaging, 1st Edition
- **Nov-18**  RadCases Plus Q&A Thoracic Imaging, 2nd Edition
- **Dec-18**  RadCases Plus Q&A Pediatric Imaging, 2nd Edition
- **Dec-18**  Top 3 Differentials in Pediatric Radiology: A Case Series, 2nd Edition

## Other Titles
- **Oct-18**  Illustrated Veterinary Anatomical Nomenclature, 4th Edition
- **Nov-18**  Breastfeeding and Breast Milk - From Biochemistry to Impact: A Multidisciplinary Introduction, 1st Edition
- **Nov-18**  Science of Synthesis: Knowledge Updates 2018/3, 1st Edition
- **Dec-18**  Gordon and Nivatvongs' Principles and Practice of Surgery for the Colon, Rectum, and Anus, 4th Edition

## Additional Information
- Representatives & Exclusive Distributors
Thieme Test Prep for the USMLE®: Medical Microbiology and Immunology Q&A

1st Edition

**PRICE**
$49.99

**ISBN**
9781626233829

**PUBLICATION DATE**
October, 2018

**FORMAT**
Softcover · 110 Illustrations · 350 Pages · 8.5 X 11 IN

**MEDIA CONTENT**
MedOne Question Bank

**SPECIALTY**
Test Preparation and Review, Microbiology, Immunology, Education and Training

**LEVEL**
First and second year medical students

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**EDITORS**
Melphine M. Harriott, PhD, is a Clinical Microbiology Fellow; Department of Pathology, Microbiology and Immunology; Vanderbilt University Medical Center; Nashville, Tennessee, USA.

Michelle Swanson-Mungerson, PhD, is an Associate Professor; Department of Microbiology and Immunology; Midwestern University; Chicago College of Osteopathic Medicine; Downers Grove, Illinois, USA.

Samia Ragheb, PhD, was an Assistant Professor; Department of Biomedical Sciences (Immunology); Oakland University; William Beaumont School of Medicine; Rochester Hills, Michigan, USA.

Matthew P. Jackson, PhD, is an Assistant Dean of Academic and Student Programs; Associate Professor of Microbiology, Immunology and Biochemistry; Wayne State University School of Medicine; Detroit, Michigan, USA.

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**DESCRIPTION**
Ensure readiness for the USMLE® or any other high-stakes exam covering microbiology and immunology!

*Thieme Test Prep for the USMLE®: Medical Microbiology and Immunology* by Melphine Harriott, Michelle Swanson-Mungerson, Samia Ragheb, and Matthew Jackson covers major topics taught in immunology and microbiology courses during the first and second year of medical school. Readers will learn how to recall, analyze, integrate, and apply microbiology and immunology knowledge to solve clinical problems.

**Key Highlights**

- 550 USMLE®-style multiple choice questions classified as easy, moderate, and difficult, including detailed explanations
- Microbiology questions organized by organ system that cover major infectious diseases
- Immunology questions organized by concept including chapters on inflammation, autoimmune diseases, immunodeficiency disorders, hypersensitivity reactions, and transplant rejection and anti-tumor responses

This essential resource will help you assess your knowledge and fully prepare for the USMLE® Step 1 or COMLEX Level 1 exam.
COMPETITION  Buxton, *Lippincott’s Illustrated Q&A Review of Microbiology & Immunology*, 1st ed., 2009, $47.99, 182 pages, 130 images, 978-1-5825-5857-8, Lippincott Williams & Wilkins


CONTENTS  

**Section I Immunology**

1 General Immunology

2 Inflammation

3 Autoimmune Diseases

4 Immune Deficiency Disorders

5 Hypersensitivity Reactions

6 Transplant Rejection and Cancer Immunology

**Section II Microbiology**

7 General Microbiology

8 Nervous System Infections

9 Head, Neck, and Respiratory Infections

10 Infections of the Esophagus, Stomach, Small and Large Bowel/Rectum, Liver and Biliary Tree

11 Renal and Urinary Tract Infections

12 Reproductive and Sexually Transmitted Infections

13 Congenital and Neonatal Infections

14 Skin, Soft Tissue, and Musculoskeletal Infections

15 Cardiovascular, Systemic, and Multi-System Infections
Thieme Test Prep for the USMLE®: Medical Neuroscience Q&A
1st Edition

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EDITORS

Manas Das, MD, MS, is Associate Professor, Director of Clinical Anatomy (MS-3 & MS-4), Medical Embryology (MS-1 & MS-2), and Medical Histology (MS-1 & MS-2), Division of Translational Anatomy, Department of Radiology, University of Massachusetts Medical School, Worcester, Massachusetts, USA.

Lee Baugh, PhD, is Associate Professor of Neuroscience, Division of Basic Biomedical Sciences; Director of Human Functional Imaging Core, Center for Genetics and Behavioral Health, and MS-1 Nervous Systems; and Associate Director for Center of Brain and Behavior Research, Sanford School of Medicine, University of South Dakota, Vermillion, South Dakota, USA.

DESCRIPTION

Ensure readiness for the USMLE® or any other high-stakes exam covering neuroscience!

Thieme Test Prep for the USMLE®: Medical Neuroscience by Manas Das and Lee Baugh fills a void in available board prep materials with its focus on neuroscience. Readers will learn to recall, analyze, integrate, and apply biochemical and molecular biological knowledge to solve clinical problems.

Key Highlights

- Approximately 520 USMLE®-style multiple choice questions on neuroscience, classified as easy, moderate, and difficult, with detailed explanations
- Questions cover clinical neurology as well as basics of neuroscience such as development, structure, and function
- Chapters are organized based on neuroanatomical structure and systems, from the spinal cord to the automatic nervous system
- Neuroimaging section and final exam chapter are invaluable tools for students to utilize before the boards
- Questions begin with a clinical vignette, and approximately 35% are image-based, mirroring the USMLE® format

This essential resource will help you assess your knowledge and fully prepare for the USMLE® Step 1 or COMLEX Level 1 exam.

COMPETITION


## CONTENTS

1 Gross Anatomy  
2 Meninges and CSF  
3 Blood Supply  
4 Development of CNS  
5 Histology of the Nervous System  
6 Spinal Cord  
7 Medulla  
8 Pons  
9 Midbrain  
10 Cranial Nerves  
11 Ascending and Descending Tracts  
12 Thalamus  
13 Diencephalon: Hypothalamus  
14 Cerebral Cortex  
15 Basal Ganglia  
16 Cerebellum  
17 Limbic System  
18 Auditory System  
19 Vestibular System  
20 Visual System and Eye Movements  
21 Olfactory and Gustatory Systems  
22 Autonomic Nervous System  
23 Neuroimaging  
24 Comprehensive Review
Ensure readiness for the USMLE® or any other high-stakes exam covering biochemistry!

Thieme Test Prep for the USMLE®: Biochemistry by Joseph D. Fontes and Darla L. McCarthy fills a void in the available board preparatory materials with its focus on biochemistry. Readers will learn to recall, analyze, integrate, and apply biochemical and molecular biological knowledge to solve clinical problems.

Key Highlights

• Over 325 USMLE®-style multiple choice questions on biochemistry, classified as easy, moderate, and difficult, include detailed explanations
• Questions begin with a clinical vignette, and approximately 25% are image-based, mirroring the USMLE®-format

This essential resource will help you assess your knowledge and fully prepare you for the USMLE® Step 1 or COMLEX Level 1 exam.

Competition

Lieberman/Ricer, Lippincott's Illustrated Q&A Review of Biochemistry, 1st ed, 2010, $49.99, 224 pages, Lippincott Williams & Wilkins

Wilson, Biochemistry and Genetics Pretest Self-Assessment and Review, 5th ed, 2013, $36.00, 592 pages, McGraw-Hill Education

Contents

Part I: Foundational Principles and Protein Function

Part II: Metabolism

Part III: Molecular Biology
Cosmetic Injection Techniques
A Text and Video Guide to Neurotoxins and Fillers
2nd Edition

PRICE $119.99
PUBLICATION DATE December, 2018
FORMAT Hardcover · 127 Illustrations · 226 Pages · 7 X 10 IN
MEDIA CONTENT Complimentary MedOne eBook; Videos
SPECIALTY Plastic and Cosmetic Surgery, Dermatology, Otolaryngology
LEVEL Practitioners in Otolaryngology, Plastic Surgery, Dermatology, Ophthalmology, and Oral Maxillofacial Surgery

EDITORS
Theda C. Kontis, MD, FACS, is Associate Professor, The Johns Hopkins University Hospital, and a Board-Certified Facial Plastic Surgeon, Facial Plastic Surgicenter, Baltimore, Maryland, USA.
Victor G. Lacombe, MD, is a Board-Certified Facial Plastic Surgeon in private practice, Santa Rosa, California, USA.

DESCRIPTION
The quintessential guide to state-of-the-art cosmetic injection approaches, from two renowned experts!

This revised and updated second edition of Cosmetic Injection Techniques: A Text and Video Guide to Neurotoxins and Fillers by esteemed facial plastic surgeons Theda Kontis and Victor Lacombe builds on their bestselling first edition. Content is designed to augment knowledge of beginner injectors and train veteran injectors on how to finesse facial fillers and muscle-relaxing injections. Since publication of the first edition, understanding of the aging face has increased, while the number of non-surgical facial enhancements has continued to skyrocket. The book’s primary focus is the improvement of minor facial irregularities and asymmetries using the latest injection procedures.

Divided into six sections and four appendices, the book starts with the patient consultation and concludes with a new section on fat-dissolving techniques using Kybella. The fillers section features new chapters on choosing the right filler, fine lines and skin boosters, the de Maio technique, the mandibular angle, poly-l-lactic acid for the décolleté, and gender-specific injections. All chapters follow a reader-friendly, consistent format with succinct paragraphs covering indications, injection techniques, anatomic considerations, precautions, risks, pearls, illustrations or photos, and additional reading. Select chapters reflect North American techniques utilized by the authors that vary from East Coast to West Coast.

Key Highlights

• Precise, full-color illustrations by Sarah Faris afford a detailed look at underlying anatomy
• 75 superb short video clips narrated by Dr. Kontis provide procedural guidance
• A section dedicated to neurotoxin injections details the use of neuromodulators such as Botox and Dysport, with new chapters on neurotoxins for the décolleté and profusely sweating forehead
• A full spectrum of facial augmentation, rejuvenation, and volumization techniques are described, using hyaluronic acid fillers, hyaluronidase, Sculptra, Radiesse, BellaFill, and others
• Appendix A lists chapters by degree of difficulty, enabling injectors to safely advance to more challenging injection techniques
This is the essential quick-reference guide on injection techniques. Plastic surgeons, cosmetic surgeons, dermatologists, nurse injectors, and physician assistant/nurse practitioner injectors who wish to increase their knowledge of injection methods and refine skills will greatly benefit from this outstanding, easy-to-use manual.

**COMPETITION**

Lipharm/Melicher, *Cosmetic and Clinical Applications of Botox and Dermal Fillers*, 3rd ed, 2015, $134.95, 160 pages, 9781617110856, Slack


Kane and Sattler, *Illustrated Guide to Aesthetic Botulinum Toxin Injections: Dosage, Localization, and Uses*, 2013, $195.00, 9781850972508, Quintessence Pub Co

**CONTENTS**

Section I Introduction to Injectables

Section II Introduction to Neurotoxins

Section III Neurotoxin Injection Techniques

Section IV Introduction to Fillers

Section V Filler Injection Techniques

Section VI Fat-Dissolving Injections

Section VII Appendices
**Outstanding endoscopic skull base surgical resource presents cutting-edge approaches from multidisciplinary global experts**

Transnasal endoscopic skull base and brain surgery have undergone major technical advances in recent years. The accumulation of experience and exciting technological innovations – including high-definition cameras, more ergonomic and precise surgical instruments, as well as new hemostatic agents – have enabled safer and more efficacious treatment of lesions affecting highly complex and delicate regions. This fully revised and updated second edition of *Transnasal Endoscopic Skull Base and Brain Surgery: Surgical Anatomy and its Applications* builds on the acclaimed first edition, focusing on the correlation between endoscopic skull base anatomy and state-of-the-art clinical applications. Among these are the transplanum/transtuberculum, transcribriform, transclival, and craniocervical junction surgical approaches.

Renowned skull base surgeon Aldo Stamm and leading worldwide experts have compiled a comprehensive multidisciplinary textbook with 72 chapters in 14 sections, didactically organized by regions and diseases. 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. The content reflects significant knowledge and diverse perspectives from masters in neurosurgery, otorhinolaryngology, head and neck surgery, neuroendocrinology, intensive care, neuro-anesthesiology, and other disciplines.

**Key Highlights**

- Chapter summaries and highlights facilitate understanding and retention of complex concepts
- 1,500 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

Neurosurgeons, otolaryngologists—head and neck surgeons, and others will greatly benefit from the step-by-step endoscopic procedural guidance and tips in this quintessential skull base surgical reference.
COMPETITION

CONTENTS
Section I Principles of Transnasal Endoscopic Skull Base and Brain Surgery
Section II Management of the Paranasal Sinuses in Transnasal Endoscopic Skull Base and Brain Surgery
Section III Transnasal Endoscopic Approach to the Orbit and Optic Nerve
Section IV Transnasal Endoscopic Transcribriform Approach
Section V Transnasal Endoscopic Transplanum/Transtuberculum Approach
Section VI Transnasal Endoscopic Sellar and Parasellar Approaches
Section VII Transnasal Endoscopic Transclival Surgery
Section VIII Transnasal Endoscopic Transmaxillary/Transpterygoid/Infratemporal Fossa Approaches
Section IX Transnasal Endoscopic Approach to the Petrous Apex and Meckel's Cave
Section X Transnasal Endoscopic Surgery for Sinus and Skull Base Malignancies
Section XI Transnasal Endoscopic Craniocervical Junction Surgery
Section XII Transnasal Endoscopic Skull Base and Brain Surgery in Children
Section XIII Ventral Skull Base Cerebrospinal Fluid Leaks and Meningo/Encephaloceles
Section XIV Complications in Transnasal Endoscopic Skull Base and Brain Surgery
Neurosurgery 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.
5 Neuroradiology for the Neurosurgeon
6 Operating Room
7 Neurocritical Care
8 Traumatic Brain Injury
9 Spinal Trauma
10 Spine
11 Pain
12 Cerebrovascular
13 Neurosurgical Oncology
14 Pediatric Neurosurgery
15 Movement Disorders and Epilepsy
16 Stereotactic Radiosurgery
17 Neurological Infectious Diseases
18 Interdisciplinary Care
19 Socioeconomics in Neurosurgery
20 Advice from the Masters
**DESCRIPTION**  
*The definitive textbook on state-of-the-art fluorescence-guided neurosurgery*

Advances in fluorescence-guided surgery (FGS) have resulted in a paradigm shift in neurosurgical approaches to neuro-oncological and cerebrovascular pathologies. Edited by two of the foremost authorities on the topic, *Fluorescence-Guided Neurosurgery: Neuro-oncology and Cerebrovascular Applications* encompasses the depth and breadth of this groundbreaking, still nascent technology. The book reflects significant contributions made by world renowned neurosurgeons Constantinos Hadjipanayis, Walter Stummer, and esteemed contributors on the growing uses of 5-aminolevulinic acid (5-ALA) and other FGS agents.

The European Medicine Agency approved 5-ALA in 2007, heralding the birth of FGS globally. In 2017, the U.S. Food and Drug Administration approved 5-ALA (Gleolan) as an imaging agent to facilitate realtime detection and visualization of malignant tissue during glioma surgery. In the two decades since Dr. Stummer’s initial description of 5-ALA FGS in a human patient, major strides have been made in its practical applications, leading to improved resection outcomes. 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.

**Key Features**

- 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
- The future of fluorescence, including potentially powerful new fluorophores molecularly targeted specifically to tumors
- The use of the fluorescent agent indocyanine green (ICG) for brain tumors, cerebral aneurysms, AVMs, and cerebral vascularization
Special topics such as fluorescein, illuminating tumor paint, confocal microscopy, Raman spectroscopy, and integrating FGS with intraoperative imaging and brain mapping

This single accessible reference presents the current state-of-the-art on this emerging, exciting surgical technology. As such, it is a must-have for neurosurgical residents, fellows, and practicing neurosurgeons.

**COMPETITION**
There is no direct competition. Neurooncology and cerebrovascular books will discuss the use of FGS, but lack the detail contained in this book.

**CONTENTS**
1. Current Fluorescence-Guided Neurosurgery and Moving Forward
2. Designing and Reporting Studies on Intraoperative Tissue Imaging in the Brain
3. 5-Aminolevulinic Acid and High-Grade Gliomas
4. 5-Aminolevulinic Acid and Recurrent High-Grade Gliomas
5. 5-Aminolevulinic Acid in Low-Grade Gliomas
6. Intraoperative Fluorescence Guidance in Meningiomas
7. 5-Aminolevulinic Acid and Brain Metastases
8. 5-Aminolevulinic Acid and Indocyanine Green: Fluorescence-Guided Resection of Spinal Cord Intramedullary Tumors
9. 5-Aminolevulinic Acid Utility in Pediatric Brain Tumors, Other Adult Brain Tumors, and Photodynamic Therapy
10. Fluorescein-Guided Tumor Resection in Neurosurgical Oncology
11. Fluorescein and High-Grade Gliomas
12. Second Window Indocyanine Green: Near-Infrared Optical Contrast for Intraoperative Identification of Brain Tumors
13. Cancer-Targeted Alkylphosphocholine Analogs for Intraoperative Visualization
14. Tozuleristide Fluorescence-Guided Surgery of Brain Tumors
15. Confocal Endomicroscopy
16. Fluorescence-Guided Surgery, Intraoperative Imaging, and Brain Mapping (iMRI, DTI, and Cortical Mapping)
17. Raman Spectroscopy and Brain Tumors
18. Indocyanine Green and Cerebral Aneurysms
19. Indocyanine Green Videoangiography and Arteriovenous Malformations
20. Indocyanine Green and Cerebral Revascularization
**EDITOR**

Filippo Gagliardi, MD, PhD, is a Neurosurgeon with the Department of Neurosurgery and Gamma Knife Radiosurgery, San Raffaele Scientific Institute, Vita-Salute University, Milano, MI, Italy.

Cristian Gragnaniello MD, PhD, MSurg, MAdvSurg, FICS, is Surgical Director, Harvey H. Ammerman Microsurgical Laboratory, Department of Neurosurgery, George Washington University, Washington, DC, USA.

Pietro Mortini, MD, is Professor and Chairman, Department of Neurosurgery and Gamma Knife Radiosurgery, San Raffaele Scientific Institute, Vita-Salute University, Milano, MI, Italy.

Anthony J. Caputy, MD, FACS, is Professor and Chairman, Hugo V. Rizzoli Professor, Department of Neurosurgery, George Washington University, Washington, DC, USA.

**DESCRIPTION**

One-of-kind textbook provides comprehensive tutorial on cranial anatomy with step-by-step text and visuals

Dissection in the anatomical laboratory is a mandatory component of training for neurosurgeons. Acquisition of highly technical skills is a long and arduous task, requiring knowledge of complex surgical anatomy and basic steps for single surgical approaches. Unlike dense textbooks, Operative Cranial Neurosurgical Anatomy by Filippo Gagliardi, Cristian Gragnaniello, Pietro Mortini, and Anthony Caputy provides readers with a user-friendly tutorial on cranial approaches, clearly delineated through concise written instructions and serial images.

Essential procedural aspects are discussed in 53 chapters, starting with sections on pre-surgical training and planning, patient positioning, and basic techniques. Subsequent sections detail cranial approaches; transpetrosal approaches; endonasal, transoral, and transmaxillary procedures; vascular procedures; and ventricular shunts procedures. Surgical technique fundamentals and basic variants, including surgical anatomy and landmarks, are highlighted in 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 cranial procedures covered in 23 chapters – 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

This reader-friendly handbook is a must-have resource for every neurosurgical resident and an excellent refresher for all neurosurgeons. It will help residents and fellows optimize the time and quality of practical training in the cadaver lab, learn fundamental surgical techniques in cranial neurosurgery, and thoroughly prepare for cranial neurosurgical cases.

**COMPETITION**  
Jandial, *Core Techniques in Operative Neurosurgery*, 2011, $315.00, 736 pages, 170 illustrations, Elsevier
Neurosurgical Operative Atlas: Vascular Neurosurgery
3rd Edition

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EDITORS

R. Loch Macdonald, MD, FRCSC, FACS, PhD, is Attending Neurosurgeon, St. Michael’s Hospital; Associate Scientist, Keenan Research Centre for Biomedical Science and Li Ka Shing Knowledge Institute; and Professor of Surgery, Departments of Surgery and Physiology, Faculty of Medicine, University of Toronto, Toronto, Ontario, Canada.

DESCRIPTION

A state-of-the-art neurovascular surgery atlas from internationally renowned neurosurgeon R. Loch Macdonald

Neurosurgical Operative Atlas: Vascular Neurosurgery, Third Edition, by R. Loch Macdonald and expert contributors, reflects the latest advances in endoscopic, endovascular, microsurgical, and bypass techniques used in the treatment of cerebrovascular disease. The entire atlas has been streamlined and updated with new content, including 38 videos that complement the concise step-by-step guidance in the text.

The book begins with five chapters on vascular and microsurgical instrumentation and equipment, clipping versus coiling, aneurysm surgery techniques, the pterional approach, and minimally invasive approaches. Disease and procedure-specific chapters are organized by three sections: aneurysms and subarachnoid hemorrhage, vascular malformations, and ischemic and other cerebrovascular disease. Every chapter includes salient tips on patient selection and procedural indications, preoperative information and tests, patient positioning, operative nuances, and postoperative complications.

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

Neurosurgical residents will benefit from the firsthand knowledge shared by international masters, while veteran neurosurgeons will glean invaluable insights on cutting-edge endovascular techniques to enhance clinical practice.

COMPETITION

Bambakidis, Cerebrovascular Surgery: An Interactive Video Atlas, 2015, $200.00, 70 pages, 80 videos, PMPH
CONTENTS

I Aneurysms/Subarachnoid Hemorrhage

1 Craniosynostosis
2 How to Repair This Aneurysm: Clipping or Coiling Decision Making
3 Aneurysm Surgery Techniques
4 Pterional Approach
5 Minimally Invasive Approaches to Aneurysms
6 Ophthalmic Segment Aneurysms
7 Supraclinoid Internal Carotid Artery Aneurysms
8 Anterior Communicating Artery Aneurysms
9 Middle Cerebral Artery Aneurysms
10 Distal Anterior Cerebral Artery Aneurysms: Anterior Interhemispheric Approach
11 Pterional Transsylvian and Extended Approaches for Upper Basilar Aneurysms
12 Orbitocranial Zygomatic Approach for Upper Basilar Artery Aneurysms
13 Subtemporal and Pretemporal Approaches for Basilar and Posterior Cerebral Artery Aneurysms
14 Transsylvian Transclinoideal and Transcavernous Approach for Basilar Bifurcation Aneurysms
15 Vertebral Artery and Posterior Inferior Cerebellar Artery Aneurysms
16 Retrolabyrinthine Transsigmoid and Extreme Lateral Infrajugular Transcondylar-Transstercular Exposures for Aneurysms
17 Vertebral Confluence and Midbasilar Aneurysms Including Transpetrosal Approach
18 Fusiform, Dolichoectatic, and Dissecting Aneurysms
19 Endoscopic Approaches to Intracranial Aneurysms
20 Microsurgical Treatment of Previously Endovascularly Treated Aneurysms
21 Pterional Craniotomy for Exposure of Contralateral Aneurysms
22 Infectious Intracranial Aneurysms

II Vascular Malformations

23 Arteriovenous Malformations of the Cerebral Convexities
24 Arteriovenous Malformations of the Basal Ganglia and Thalamus
25 Intraventricular and Deep Arteriovenous Malformations
26 Vein of Galen Malformations
27 Posterior Fossa Arteriovenous Malformations
28 Superficial Cavernous Malformations
29 Brainstem Cavernous Malformations
30 Spinal Vascular Malformations
31 Carotid Cavernous Fistulas
32 Transverse and Sigmoid Dural Arteriovenous Fistulas
33 Tentorial and Posterior Fossa Dural Arteriovenous Fistulas
34 Anterior Fossa, Superior Sagittal Sinus, and Convexity Dural Arteriovenous Malformations

III Ischemic and Other Cerebrovascular

35 Carotid Endarterectomy
36 Superficial Temporal Artery to Middle Cerebral Artery Bypass
37 Indirect Bypasses for Moyamoya Disease
38 Positional Compression of the Vertebral Arteries
39 Minimally Invasive Approaches for Spontaneous Intracerebral Hemorrhage
Controversies in Neuroendoscopy by Peter Nakaji and Hasan Zaidi fills an unmet need for a book encompassing best practices, patient selection, and limitations and advantages of neuroendoscopic surgical approaches. Each case presents firsthand knowledge of internationally esteemed neurosurgeons, with a moderator, an endoscopic expert, and an expert in traditional microsurgical approaches. The unique discussion of neuroendoscopy versus microsurgery enables readers to compare the benefits and pitfalls of endoscopic and open microsurgical procedures for a wide range of conditions.

- 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
- High-quality color illustrations from the skilled medical illustrators at Barrow Neurological Institute reinforce key points and surgical techniques

Neurosurgery residents, neurosurgeons, and spine surgeons will all benefit from reading this remarkable book cover to cover, and they will no doubt use it as a go-to resource for specific cases.
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Neurosurgery Primary Examination Review: High Yield Questions, Answers, Diagrams, and Tables

**Editors**
Amgad S. Hanna, MD, is Associate Professor, Department of Neurological Surgery, University of Wisconsin School of Medicine and Public Health, Madison, Wisconsin, USA. He has been involved in teaching oral and written boards for at least 8 years.

**Description**
*Practical Q&A guide enhanced with unique diagrams and tables to ace the ABNS primary exam!*

*Neurosurgery Primary Examination Review: High Yield Questions, Answers, Diagrams, and Tables* by Amgad S. Hanna addresses the knowledge gaps in currently existing neurosurgical board study guides. It is based on a collection of highly effective practice questions previously administered to neurosurgical residents at the University of Wisconsin. Each chapter covers two to three topics with 60 multiple choice and matching questions and only one correct answer. The reader-friendly content and layout make it easy to organize and review the complex subject matter in preparation for the ABNS written exam or for educational review.

Section I is divided into 20 chapters with questions followed by answer keys. This section covers anatomy, neurology, pathology, radiology, critical care, neurosurgery, and neurobiology. Chapters 17-20 cover comprehensive exam questions and answers across all specialty areas including sarcoidosis, lead toxicity, central neurocytoma, and prion disease.

**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, self-directed 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

This concise textbook is a must-have reference for all neurosurgical residents preparing to sit for the ABNS primary exam. Its format is also ideal for incorporating into the neurosurgical curriculum or as a study guide for the maintenance of certification exams.

**Competition**
CONTENTS

I Questions and Answers

II Diagrams
**DESCRIPTION**  
Dedicated guide to the lumbar plexus provides invaluable anatomical and surgical insights

Thorough knowledge of the lumbar plexus and its branches is crucial to achieving positive patient outcomes, especially with newer surgical approaches. Many of the nerve branches are formed within the psoas major muscle and careful dissection is necessary to free them during surgery to prevent damage. Moreover, the iliac vessels are medial to some of the larger branches of the plexus, such as the femoral and obturator nerves. In the retroperitoneal space, the kidney and ureter are nearby. In addition, due to the overlying peritoneal cavity and its contents, accessing the lumbar plexus presents considerable challenges.

*Surgical Anatomy of the Lumbar Plexus* is the only book on the market devoted to the lumbar plexus and its branches, focusing on anatomy and clinical applications, pathology, surgery, and imaging. Internationally known authors R. Shane Tubbs, Marios Loukas, Amgad Hanna, Rod Oskouian and a cadre of esteemed specialists provide unique insights, clinical pearls, knowledge based on thousands of spine surgeries, and a well-rounded multidisciplinary perspective.

**Key Highlights**

- Nine separate chapters dedicated to impacted nerves: subcostal, iliohypogastric, ilioinguinal, lateral femoral cutaneous, genital femoral, femoral, obturator, furcal, and accessory obturator
- History and overview of dermatomal anatomy of branches derived from the lumbar plexus
- Anesthetic blockade of the femoral, lateral femoral cutaneous, iliohypogastric, ilioinguinal, and genital femoral nerves
- Tips for preventing complications and achieving positive outcomes for lateral transpsoas approaches to the lumbar spine and other procedures
- More than 100 novel illustrations provide clarity and understanding of a complex anatomical area as it relates to surgery involving the lumbar plexus and branches

This one-of-a-kind resource provides crucial surgical and anatomical information on the lumbar plexus. It is a must-have reference for neurosurgeons, orthopaedic surgeons, and general surgeons. Reading it cover-to-cover will ultimately benefit patients undergoing lumbar spine surgery.

**COMPETITION**
There is no direct competition, though the topic is covered in bigger books.

**CONTENTS**
1 An Overview of the Lumbar Plexus
2 Subcostal Nerve
3 Iliohypogastric Nerve
4 Ilioinguinal Nerve
5 Lateral Femoral Cutaneous Nerve
6 Genitofemoral Nerve
7 Femoral Nerve
8 Obturator Nerve
9 Furcal Nerve
10 Accessory Obturator Nerve
11 Variations of the Lumbar Plexus
12 High-Resolution Magnetic Resonance Neurography of the Lumbar Plexus
13 Lesions Involving the Lumbar Plexus
14 Injury to the Lumbar Plexus Following Lateral Lumbar Spine Fusion Procedures
15 Lumbar Plexus Anatomy with Application to Lateral Approaches to the Lumbar Spine
16 The Subcostal Nerve during Lateral Approaches to the Lumbar Spine
17 Surgical Techniques for Approaching the Lumbosacral Plexus
18 Nerve Root Anomalies with Application to the Lumbar Plexus
19 Lumbar Dorsal Root Ganglia
20 History of the Dermatomes with Focus on the Contributions from the Lumbar Plexus
21 Dermatomes and the Lumbar Plexus
22 Anesthetic Blockade of the Femoral Nerve
23 Anesthetic Blockade of the Lateral Femoral Cutaneous Nerve
24 Anesthetic Blockade of the Iliohypogastric, Ilioinguinal, and Genitofemoral Nerves
25 Microanatomy of the Lumbar Plexus
26 Surgical Anatomy of the Lumbar Plexus with Emphasis on Landmarks
27 Comparative Anatomy of the Lumbar Plexus
**TITLE**
An Anatomic Approach to Minimally Invasive Spine Surgery
2nd Edition

**PRICE**
$299.99

**ISBN**
9781626236431 (Previous Edition: 9781626236424, 2006)

**PUBLICATION DATE**
November, 2018

**FORMAT**
Hardcover · 439 Illustrations · 580 Pages · 8.5 X 11 IN

**MEDIA CONTENT**
Complimentary MedOne eBook; Videos

**SPECIALTY**
Neurosurgery, Orthopedics

**LEVEL**
Residents and above

**EDITORS**

Miguelangelo (Mick) J. Perez-Cruet, MD, MSc, is Vice Chairman and Professor, Department of Neurosurgery, Oakland University William Beaumont School of Medicine, Royal Oak, Michigan; and Michigan Head and Spine Institute, Southfield, Michigan, USA.

Richard G. Fessler, MD, PhD, is Professor, Department of Neurosurgery, Rush University Medical Center, Chicago, Illinois, USA.

Michael Y. Wang, MD, FACS, is Professor of Neurological Surgery and Rehab Medicine, Miller School of Medicine, University of Miami; and Chief of Neurosurgery and Director of the Neurosurgical Spine Fellowship, University of Miami Hospital, Miami, Florida, USA.

**DESCRIPTION**

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

Significant advances have been made in minimally invasive spine (MIS) surgery approaches, techniques, and innovative technologies. By preserving normal anatomic integrity during spine surgery, MIS approaches enable spine surgeons to achieve improved patient outcomes, including faster return to normal active lifestyles and reduced revision rates. Exposing only the small portion of the spine responsible for symptoms via small ports or channels, requires a deep understanding of spinal anatomy and spinal pathophysiology. Building on the widely acclaimed first edition, *An Anatomic Approach to Minimally Invasive Spine Surgery, Second Edition*, provides an expanded foundation of knowledge to master minimally invasive spine surgery.

World-renowned spine neurosurgeons Mick Perez-Cruet, Richard Fessler, Michael Wang, and a cadre of highly regarded spine surgery experts provide masterful tutorials on an impressive array of cutting-edge technologies. Organized by seven sections and 51 chapters, the book presents a diverse spectrum of current safe and efficacious MIS procedures and future innovations. Nonsurgical approaches include injection-based spine procedures and stereotactic radiosurgery. Surgical technique chapters discuss MIS anterior, posterior, and lateral approaches to the cervical, thoracic, and lumbar spine, with procedures such as endoscopic microdiscectomy, vertebroplasty and kyphoplasty, percutaneous instrumentation, and robotic spine surgery.

**Key Features**

- Step-by-step illustrations, including more than 400 depictions by master surgical and anatomic illustrator Anthony Pazos portray the surgeon’s-eye-view of anatomy, intraoperative images, and surgical instruments, thereby aiding in the understanding of anatomy and procedures
• 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 reflected in 16 new or expanded chapters, including Robotic Assisted Thoracic Spine Surgery and Stem-Cell Based Intervertebral Disc Restoration

There is truly no better clinical reward for spine surgeons than giving patients suffering from debilitating spinal disorders their life back. This quintessential MIS surgery resource will help surgeons and clinicians accomplish that goal.

COMPETITION


CONTENTS
Part I Fundamentals
Part II Patient Education and Business Basics
Part III Image Guidance, Monitoring, and Nonoperative Techniques
Part IV Surgical Techniques
  Section I Cervical Spine
  Section II Thoracic Spine
  Section III Lumbar Spine
Part V Minimally Invasive Spine Surgery for Tumors
Part VI Complications and Outcome Analysis
Part VII Future Considerations
A unique resource for passing the rigorous American Board of Plastic Surgery oral board exam

Passing the plastic surgery board examinations necessitates meeting extremely demanding criteria. Certification from the ABPS is the gold standard – a significant milestone requiring intensive study, passing the written exam, and the highly challenging two-day oral board component. Acing the plastic surgery boards means a plastic surgeon has already demonstrated a high level of training and education, essential elements for achieving optimal results and patient satisfaction.

*Plastic Surgery Oral Board Exam: Management Q&A* by Devra Becker restructures core plastic surgery knowledge into the conceptual framework needed for mastery of the plastic surgery oral board exam. It fills a gap in the literature, exploring levels of knowledge such as analysis, synthesis, and evaluation, as well as practical applications including fluid management, intraoperative and postoperative challenges, and ethical considerations. Questions and answers on key reconstructive, aesthetic, and elective procedures are encompassed throughout 22 chapters, enabling readers to synthesize knowledge and articulate it efficiently and effectively.

Key Highlights

- Nearly 400 Q&A mirror the type and sequencing of questions on the oral board exam
- Reconstruction topics include skin cancer, facial defects and trauma, back and trunk, traumatic hand injuries, lower extremity wounds, cleft lip and palate, and craniosynostosis syndromes
- Aesthetic and elective surgery chapters cover the aging face, breast, body and trunk, and hand
- Current recommendations for management of coexisting medical conditions such as thromboembolism prophylaxis and perioperative management of cardiac disease

This is an invaluable board study resource for plastic surgery residents and surgeons preparing for the oral board exam. Its comprehensive core curriculum content will also benefit clinicians prepping for in-service exams.
Pseudophakic Monovision: A Clinical Guide by renowned ophthalmologic surgery experts Fuxiang Zhang, Alan Sugar, and Graham Barrett reflects decades of robust academic research, with comprehensive discussion of the pseudophakic lens. Pseudophakic monovision is frequently used as a strategy for presbyopia correction in cataract surgery patients, with high satisfaction rates. The authors address the advantages and drawbacks to this approach, with topics ranging from the optics and neurophysiology of monovision to preoperative vision testing and counseling. The book fills a gap in the literature on this essential yet relatively neglected topic.

In the current era of an ever-expanding array of intraocular lenses inserted in cataract surgery, monovision correction is emerging as an efficacious, far less expensive method for managing presbyopia than multifocal lenses. One eye is corrected for optimal distance vision and the other for optimal near vision, thereby avoiding both the expense of multifocal lenses and inconvenience of wearing glasses and/or contact lenses. Emerging adjustable IOLs address eye dominance issues, enabling patients to attain excellent distance acuity in one eye, then select the amount of myopia that works best in the second eye.

Key Features

- Guidelines on basic calculations, optics, and techniques
- Various practical considerations, such as patient selection, incorporating IOL monovision into practice, essential preoperative tests, nighttime driving, and limitations
- Optics, neurophysiology, and graphic illustrations enhance understanding of the basics of IOL monovision including mini, moderate, and full monovision, as well as the concept of the not-sharply focused-zone
• Ocular as well as systemic contraindications, and how to use extra tests to detect subtle contraindications such as monofixation at the preoperative office visit
• How to use conventional as well as crossed monovision to enhance premium IOL outcomes such as accommodating and Extended Depth of Focus (EDOF) IOLs
• Ocular comorbidity case reports provide knowledge about how specific co-occurring eye diseases impact patient outcome

This invaluable resource will help refractive cataract surgeons incorporate Toric, accommodating, and EDOF IOL technology into ophthalmology practice and achieve excellent patient outcomes.

COMPETITION  There is no current competition on Monovision.

CONTENTS  1 Introduction

2 Optics and Neurophysiology of Pseudophakic Monovision

3 Non-Pseudophakic Monovision

4 Pseudophakic Monovision

5 Ocular Comorbidities and Pseudophakic Monovision

6 Special Situations

7 Limitations of Pseudophakic Monovision
It is paramount for clinicians to understand the distinguishing signs and symptoms among many different local and systemic neuro-ophthalmic disorders in order to provide the most efficacious evaluations and treatments. *Clinical Pathways in Neuro-Ophthalmology: An Evidence-Based Approach, Third Edition* reflects the authors' extensive training and experience in the field of neuro-ophthalmology, as well as updates in the field. Stacy Smith, Andrew Lee, Paul Brazis, and an impressive group of contributors have written an unsurpassed learning tool on how to manage patients with known or presumed neuro-ophthalmologic conditions, in the most logical, straightforward, and cost-effective manner.

The authors share significant clinical pearls and knowledge throughout 20 chapters. The book lays a solid foundation on the management of neurologic eye disorders including symptoms, ophthalmologic testing, diagnosis, and treatment. Among the discussed disorders are anterior and retrobulbar optic neuropathies, disorders of ocular motility and alignment, lid abnormalities, and anisocoria. Insights are provided on key topics including the use of office examinations, laboratory tests, and neuroimaging studies to make an ophthalmologic diagnosis; and ophthalmologic therapy to treat eye movement disorders such as nystagmus.

**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
- A basic set of references for each subject enables readers to expand knowledge
- High quality four-color clinical images enhance learning
This book is essential reading for neuro-opthalmologists, ophthalmologists, neurologists, and residents and fellows in these fields of medicine.

**COMPETITION**


**CONTENTS**

1 The Diagnosis of Optic Neuropathies
2 Optic Neuritis
3 Optic Disc Edema with a Macular Star and Neuretinitis
4 Nonarteritic Ischemic Optic Neuropathy
5 Arteritic Anterior Ischemic Optic Neuropathy and Giant Cell Arteritis
6 Traumatic Optic Neuropathy
7 Papilledema
8 Transient Vision Loss
9 Visual Field Defects
10 Diplopia
11 Third Nerve Palsies
12 Fourth Nerve Palsies
13 Sixth Nerve Palsies
14 Supranuclear Disorders of Gaze
15 Ocular Myasthenia Gravis
16 Thyroid Eye Disease: Graves Ophthalmopathy
17 Nystagmus and Other Ocular Oscillations
18 Ptosis
19 Lid Retraction and Lid Lag
20 Anisocoria and Pupillary Abnormalities
DESCRIPTION

Ophthalmology Review: A Case-Study Approach, Second Edition by renowned experts Kuldev Singh, William Smiddy, and Andrew Lee is a practical, case-based reference covering a wide array of common to serious ophthalmic conditions encountered in daily practice. The new edition reflects significant advances in ophthalmologic surgery and additional quick-reference material. The focus is on patient management problems and how to handle them and optimally manage the patient. A cadre of esteemed contributors discuss diagnostic methods, evaluation, contraindications, and patient management issues for a full spectrum of clinical disorders, with significant clinical pearls gleaned from hands-on expertise.

A full spectrum of subspecialties are reflected in nearly 100 ophthalmology cases presented in 11 sections, encompassing the cornea and external disease, lens, glaucoma, retina, uveitis, tumors, posterior segment complications, ocular trauma, neuro-ophthalmology, pediatrics, and oculoplastic surgery. Each succinct case walks readers step by step through patient history, the examination, differential diagnoses, test interpretation, definitive diagnosis, medical and/or surgical management, rehabilitation, and follow up, with handy key point summaries.

Key Features

- Hundreds of tables, full-color images, and line drawings enhance clinical understanding
- Presents patient management problems, focusing on diagnosis, problem-solving, and treatment
- Disorders of the retina such as diabetic retinopathy, retinal vein and artery occlusion, AMD, myopic degeneration, chorioretinopathy, vitreous hemorrhage, and retinitis pigmentosa
- Neuro-ophthalmologic conditions including optic neuritis, various types of nerve palsy, internuclear ophthalmoplegia, and anisocoria
- Pediatric eye conditions — from leukocoria and torticollis — to optic nerve hypoplasia

This is an essential exam review resource for ophthalmology residents... Its systematic approach provides an ideal teaching tool for ophthalmologists to use in courses and grand rounds.
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The use of endoscopic orbital surgery is rapidly expanding in modern day rhinology and oculoplastic practice. In the past two decades, endoscopic techniques have been adapted for lacrimal and orbital surgery. Significant advances have been made in endoscopic endonasal and periocular approaches to the orbital apex and skull base, especially in the last 3 years. There has been no book dedicated to these recent surgical innovations until *Endoscopic Surgery of the Orbit: Anatomy, Pathology, and Management* by Benjamin Bleier, Suzanne Freitag, and Raymond Sacks filled this void.

This landmark text and its accompanying videos bring together the global experience of thought leaders and pioneers with multidisciplinary backgrounds. The collective expertise shared throughout 20 chapters codifies the current state of endoscopic orbital surgery and sets the stage for future developments. The opening chapters cover anatomy, physiology, and radiologic aspects pertaining to the orbit, paranasal sinuses, and surrounding structures. Subsequent chapters detail evaluation and endoscopic management of a full spectrum of pathologies utilizing orbital and optic nerve decompression, reconstruction, transorbital approaches, and anesthetic techniques.

**Key Features**

- State-of-the-art evidence-based medicine including the pros and cons of different treatment approaches
- Management of operative complications such as sinusitis and iatrogenic intraorbital injury, and postoperative challenges
- Pathology-specific topics including congenital and acquired lacrimal obstruction, thyroid-related eye disease, trauma, orbital neoplasms, and skull-base neoplasms with orbital involvement
- 200 original illustrations help elucidate complex anatomy
- High definition, narrated surgical videos delineate specific surgical techniques

This is a must-have resource for otolaryngologists in rhinologic and general practice and ophthalmologists in general and oculoplastic practice. It will also benefit neurosurgeons and plastic & reconstructive surgeons. The comprehensive text, clinical pearls, and accompanying videos facilitate incorporating these techniques into practice, whether one is a surgical trainee or veteran practitioner.

**COMPETITION**


**CONTENTS**

1 Anatomy of the Orbit and Paranasal Sinuses
2 Anatomy, Physiology, and Treatment of the Tearing Adult
3 Radiologic Assessment of the Orbit and Lacrimal System
4 Evaluation and Management of Congenital Lacrimal Obstruction
5 Evaluation and Management of Acquired Lacrimal Obstruction
6 Pathogenesis of Thyroid Eye Disease
7 Indications and Techniques for Orbital Decompression
8 Complications of Orbital Decompression and Management
9 Strabismus and Eyelid Surgery in Thyroid Eye Disease
10 Orbital Trauma Management, Reconstruction, and External Approaches to the Orbit
11 Optic Nerve Decompression
12 Primary Neoplasms of the Orbit
13 Open Management of Primary Orbital Neoplasms
14 Endoscopic Management of Primary Orbital Neoplasms
15 Endoscopic Management of Skull Base Neoplasms with Orbital Involvement
16 Transorbital Approaches to the Sinuses, Skull Base, and Intracranial Space
17 Orbital Complications of Sinusitis and Management
18 Management of Iatrogenic Orbital Injury
19 Anesthetic Technique for Endoscopic Orbital Surgery
20 Postoperative Care and Complications Following Open and Endoscopic Orbital Surgery
**Optimizing Suboptimal Results Following Cataract Surgery: Refractive and Non-Refractive Management**

**Editors**

Priya Narang, MS, is Director, Narang Eye Care and Laser Centre, Ahmedabad, Gujarat, India.

William B. Trattler, MD, is a Director of Cornea, Center for Excellence in Eye Care, Miami, Florida, USA.

**Description**

A concise review and comprehensive guide to improving cataract surgery outcomes

Significant advances have been made in refractive surgery in the last decade. Eye surgeons today can leverage many cutting-edge intraocular lens (IOL) technologies such as multifocal, extended depth of field, toric, accommodating, and aspheric. Concurrent innovations including optics, phacoemulsification, superior keratometry and biometry, and posterior cornea evaluation have resulted in improved cataract surgery outcomes. Recent advances in the diagnosis and treatment of cataracts have dramatically improved patient satisfaction following cataract surgery, yet common and rare complications still occur such as dry eye, endophthalmitis, and retinal detachment. Furthermore, only 80% of cataract surgery procedures bring patients to within 0.5 diopters of their needed refraction.

Optimizing Suboptimal Results Following Cataract Surgery: Refractive and Non-Refractive Management presents the latest techniques for achieving optimal results and overcoming complications in cataract surgery. Internationally renowned ophthalmic surgery pioneers Priya Narang and William Trattler have created an unparalleled guide to overcoming complex cases and residual refractive errors. The book starts with six chapters on suboptimal causes and considerations, followed by dedicated sections covering refractive and non-refractive enhancements. The fourth section features chapters on keratoconus, cystoid macular edema, endophthalmitis, toxic anterior segment syndrome, and vitritis, as well as intraoperative aberrometry, futuristic approaches and advancements, and telescopic IOLs.

**Key Highlights**

- Refractive enhancement procedures including corneal-based procedures such as astigmatic keratotomy, LASIK, PRK, and SMILE; IOL exchange; piggyback IOL; toric IOL; and premium IOLs and associated problems
- Nonrefractive enhancement procedures including dysphotopsias and surgical management, bullous keratopathy and endothelial keratoplasty, complex IOL issues such as malpositioned IOL and capsular bag, and posterior capsular rupture and IOL lens implantation
- Practical tips and steps to prevent and manage undesired outcomes
- 30 surgical videos posted online highlight a diverse array of complex cases and technical advances to help prevent suboptimal results
Ophthalmologists, ophthalmology residents, fellows, and subspecialists will greatly benefit from the significant pearls and knowledge presented in this indispensable cataract surgery resource.

**COMPETITION**

**CONTENTS**

**Part I Introduction**
1 Overview of the Causes of Suboptimal Outcomes Following Cataract Surgery: Role of Preoperative Screening and Adequate Counseling
2 Tear Film and Corneal Disorders
3 Postrefractive Intraocular Lens Power Calculation: Choosing the Right Nomogram
4 Residual Refractive Error
5 Posterior Corneal Astigmatism: Basics and Clinical Implications
6 Considerations in Cataract Surgery Following Postrefractive Error Correction

**Part II Refractive Enhancement Procedures**
7 Corneal-Based Procedures: Astigmatic Keratotomy, LASIK, PRK, and SMILE
8 Intraocular Lens Exchange
9 Piggyback Intraocular Lens
10 Toric Intraocular Lens
11 Premium Intraocular Lenses and Associated Problems

**Part III Nonrefractive Enhancement Procedures**
12 Dysphotopsias and Surgical Management
13 Bullous Keratopathy and Endothelial Keratoplasty
14 Malpositioned Intraocular Lens and Capsular Bag: Intraocular Lens Complex Issues
15 Posterior Capsular Rupture and Intraocular Lens Implantation

**Part IV Miscellaneous**
16 Miloop: Micro-Interventional, Phaco-Free, Lens Fragmentation
17 Keratoconus and Cataract Surgery
18 Bilensectomy (Phakic IOL Explantation with Coincidental Cataract Surgery and IOL Implantation)
19 Cystoid Macular Edema and Management
20 Endophthalmitis, Toxic Anterior Segment Syndrome, and Vitritis
21 Intraoperative Aberrometry
22 Futuristic Approach and Advancements
23 Telescopic Intraocular Lenses
**DESCRIPTION**

*The definitive resource on reconstructive and aesthetic oculo-facial surgery*

*Oculoplastic Surgery, Third Edition* by Brian Leatherbarrow, reflects more than 25 years of experience and multidisciplinary collaboration in treating patients with a wide spectrum of oculoplastic, orbital, and lacrimal conditions. The third edition builds on the highly acclaimed prior editions, with expanded coverage of oculo-facial surgery procedures and management of complications.

The book is pragmatically organized in seven sections and 29 chapters, starting with basic and applied anatomy, followed by procedure-specific sections on eyelid surgery, cosmetic surgery, orbital surgery, lacrimal surgery, anophthalmic socket surgery, and trauma. Updates include an expanded applied anatomy chapter, prevention and management of dermal filler complications, a new approach to the management of patients with acquired blepharoptosis, and the surgical approaches to optic nerve sheath fenestration.

**Key Features**

- A focus on periocular anatomy and adjacent structures, with in-depth descriptions of applied anatomy for each procedure
- Discussion of pertinent clinical signs, investigations, surgical indications, important technical considerations, and complications
- Lavishly illustrated with more than 2,000 color photos and exceptional computer-generated artist drawings
- Numerous surgical videos enhance understanding of procedures such as Müller’s muscle resection, levator advancement, upper and lower lid blepharoplasty, entropion and ectropion surgery, enucleation of the eye, dermis fat graft harvesting, structural fat grafting, endoscopic dacryocystorhinostomy, Lester Jones tube insertion, temporal direct brow lift, and more

Pragmatic and visually stunning, this is a must-have oculoplastic surgery resource for ophthalmologists. Residents and practitioners in plastic surgery, maxillofacial surgery, ENT surgery, dermatology, radiology, and neurosurgery will also greatly benefit from this remarkable resource.

This book includes complimentary access to a digital copy on [https://medone.thieme.com](https://medone.thieme.com).
COMPETITION


CONTENTS

Basic Principles
1 Surgical Principles
2 Applied Anatomy

Eyelid Surgery
3 Lower Eyelid Entropion
4 Upper Eyelid Entropion
5 Abnormal Eyelashes
6 Lower Eyelid Ectropion
7 Blepharoptosis
8 The Management of Thyroid-Related Eyelid Retraction
9 Facial Palsy
10 Eyelid and Periocular Tumors
11 Management of Malignant Eyelid and Periocular Tumors
12 Eyelid and Periocular Reconstruction
13 The Use of Autologous Grafts in Ophthalmic Plastic Surgery

Cosmetic Surgery
14 The Evaluation and Management of the Cosmetic Patient
15 Blepharoplasty
16 Complications of Blepharoplasty
17 The Management of Brow Ptosis

Orbital Surgery
18 Orbital Disorders
19 Surgical Approaches to the Orbit
20 Thyroid Eye Disease

Lacrimal Surgery
21 The Diagnosis and Management of Epiphora
Socket Surgery
22 Enucleation and Evisceration
23 Secondary Anophthalmic Socket Reconstruction
24 Orbital Exenteration

Trauma
25 The Management of Eyelid and Lacrimal Trauma
26 Orbital Wall Blowout Fractures
27 Zygomatic Complex Fractures
28 Other Orbital Fractures
29 Traumatic Optic Neuropathy
**DESCRIPTION**  
Cutting-edge neck dissection resource provides expert guidance on its use in a wide spectrum of head and neck pathologies

Dissection of critical structures of the neck is integral to head and neck surgery, for both benign and malignant neck masses and diagnoses of the head, skull base, and cervicothoracic junction. *Neck Dissection* by Brendan Stack and Mauricio Moreno is a comprehensive treatise on state-of-the-art neck dissection. With contributions from an impressive cadre of international leaders in head and neck surgery, this in-depth, yet concise evidence-based guide covers fundamental and advanced principles of cervical lymphadenopathy surgery.

The book begins with preoperative evaluation of cervical lymphadenopathy candidates, history of procedures, international nodal level classifications, and surgical neck anatomy. Subsequent chapters address the subtleties between different dissection modalities including radical, modified radical, selective, supraomohyoid, and salvage, as well as insights on complications and rehabilitation. Current imaging methods are discussed in context with anatomical structures and malignancies, including cross-sectional, ultrasound, and integrated FDG-PET/CT. Pathology and adjuvant therapies for malignant diseases of the neck are also discussed.

**Key Features**

- The latest advances in immunology and cell signaling of neck metastatic disease, related to cervical lymph node and extracapsular spread
- Anatomic and pathophysiologic nuances encountered in the treatment of squamous cell carcinoma, melanoma, salivary gland malignancies, and thyroid carcinomas
- Special topics such as prophylactic neck dissection, robotics, intraoperative nerve monitoring, adjuvant therapy for neck nodal disease, and histopathologic neck dissection evaluation
- Nearly 200 radiographs and illustrations, as well as online supplementary video material enhance understanding of impacted anatomy and procedures

All clinicians involved in the interdisciplinary diagnosis and treatment of head and neck pathologies will benefit from this outstanding operative guide.
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<td>26 Systemic Therapies in the Management of Head and Neck Cancer</td>
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<td>27 Histopathologic Evaluation of Neck Dissections</td>
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The definitive state-of-the-art guide on laryngeal cancer treatment from world-renowned experts

Ongoing advances in innovative technologies have improved the diagnosis and treatment of laryngeal cancer, resulting in more optimal oncologic and functional patient outcomes. *Laryngeal Cancer: Clinical Case-Based Approaches*, by distinguished head and neck surgeon Rogério R. Dedivitis and internationally recognized coeditors, is a comprehensive reference that presents multiple options for similar lesions. Contributions from a diverse group of globally renowned subspecialists reflect the multidisciplinary treatment of laryngeal cancer.

The book focuses on diverse primary subsites of laryngeal cancer; local, early-stage, and advanced disease stages; and current available treatment modalities for each type. Case study chapters include insightful discussion of several potential approaches, rationale for surgical decision making, radiographic findings, pearls, and pitfalls.

**Key Features**

- Diverse approaches to glottic cancer including radiotherapy, transoral laser surgery, supracricoid laryngectomy (SCL), vertical laryngectomy, transoral laser microsurgery, chemoradiotherapy, and combined SCL and cricothyroidopiglottopexy.
- Treatment modalities for supraglottic cancers such as transoral laser microsurgery, radiation therapy, and horizontal supraglottic laryngectomy.
- Salvage surgery, preservation protocol, and reconstructive flap techniques including pectoralis major myocutaneous flap, latissimus dorsi myocutaneous flap, and antebrachial flap.
• High-quality images accompanying each case enhance clinical understanding of underlying pathologies and surgical approaches.

Otolaryngologist—head and neck surgeons, radiation oncologists, medical oncologists, pathologists, radiologists, speech pathologists, and all clinicians who treat laryngeal disorders will benefit from this highly informative resource.

COMPETITION

CONTENTS
1 T1a glottic cancer, transoral laser surgery
2 T1a glottic cancer, radiotherapy
3 Robotic surgery for early stage laryngeal cancer
4 T1b glottic cancer, transoral laser surgery
5 T1b Glottic Larynx Cancer
6 T1b glottic cancer, vertical laryngectomy
7 Transoral Laser Microsurgery for Intermediate Supraglottic Cancer
8 Early-Stage Supraglottic Cancer, Radiation Therapy
9 Early supraglottic cancer, horizontal supraglottic laryngectomy
10 Locally intermediate glottic cancer, transoral laser surgery
11 Locally Intermediate Glottic Cancer: Chemoradiotherapy
12 Locally intermediate glottic cancer, vertical laryngectomy
13 Locally intermediate glottic cancer, supracricoid laryngectomy + CHEP
14 Transoral robotic surgery for advanced laryngeal cancer
15 Locally Advanced Supraglottic Cancer: Larynx Preservation by Transoral Laser Microsurgery
16 Locally intermediate supraglottic cancer, radiotherapy
17 Locally intermediate supraglottic cancer, supracricoid laryngectomy + CHP
18 Locally Advanced Glottic Cancer Undergoing Supracricoid Laryngectomy
19 Hemicricolaryngectomy with Tracheal Autotransplantation
20 Locally advanced glottic cancer, supratracheal laryngectomy
21 Locally advanced glottic cancer, total laryngectomy
22 Total laryngectomy, robotic approach
23 Locally advanced supraglottic cancer, organ preservation protocol
24 Salvage surgery after radiotherapy, transoral laser surgery
25 Salvage surgery after radiotherapy, supracricoid laryngectomy
26 Salvage surgery after radiotherapy, total laryngectomy
27 Strategy for avoiding pharyngocutaneous fistula, pectoralis muscle flap for salvage TL
28 Reconstruction for advanced cancer, pectoralis major myocutaneous flap
29 Reconstruction for advanced cancer, supraclavicular flap
30 Reconstruction for advanced cancer, latissimus dorsi myocutaneous flap
31 Reconstruction for advanced cancer, gastric pull up
32 Early primary tumor with advanced neck disease
33 Target therapy for laryngeal cancer
34 Laryngeal transplantation
Thieme congratulates Dr. Eric M. Genden on being chosen by New York magazine for its prestigious 'Best Doctors 2018' list!

*Head and Neck Cancer: Management and Reconstruction, 2nd Edition* by Eric M. Genden masterfully blends two lauded Thieme books, *Reconstruction of the Head and Neck*, focusing on defect repair, and *Head and Neck Cancer*, a multidisciplinary, evidence-based approach to treatment. A significant increase in the incidence of oropharyngeal cancer in the U.S. and other countries, especially among men, is attributed to high-risk subtypes of the human papillomavirus (HPV). HPV associated tonsillar cancer and base of tongue cancer account for 90% of all oropharyngeal squamous cell carcinoma. Internationally renowned authors share the latest knowledge on HPV and other causes of head and neck cancers, from diagnosis to cutting-edge treatments.

Thirty richly illustrated chapters feature open and endoscopic ablative techniques for treating a full spectrum of carcinomas and associated defects of the buccal, mandible and composite, laryngeal, hypopharyngeal, and parotid. The book encompasses the nuances of each pathology, step-by-step procedural guidance, clinical pearls, and the latest reconstructive techniques such as 3-D. For each disease, the authors discuss management concepts followed by principles of reconstruction and functional rehabilitation. Special topics include patient surveillance, monoclonal antibodies and immunotherapy, microvascular reconstruction, and minimizing wound complications.

**Key Features**

- State-of-the-art management of carcinomas impacting the oral and nasal cavities, salivary glands, oropharynx, hypopharynx, larynx, thyroid, anterior skull base, skin, and more
- A chapter devoted to transoral robotic management of the oropharynx includes epidemiology, etiology, anatomy, staging, clinical presentation, diagnosis, work-up, and case studies
- About 600 high-quality illustrations and photos elucidate complex anatomy and surgical approaches
- Concise videos posted online in the Thieme MediaCenter provide insightful hands-on surgical guidance
This is the definitive, one-stop resource on the use of ablative and reconstructive approaches for head and neck cancers. Residents, fellows, and veteran practitioners in otolaryngology—head and neck surgery, radiation oncology, and medical oncology will benefit from this comprehensive reference.

**COMPETITION**

Myers, *Cancer of the Head and Neck, 5th ed.*, 2017, $349.99, 864 page, Lippincott Williams & Wilkins


**CONTENTS**

1. Carcinoma of the Oral Cavity
2. Carcinoma of the Oropharynx
3. Carcinoma of the Hypopharynx
4. Carcinoma of the Larynx
5. Carcinoma of the Thyroid Gland
6. Carcinoma of the Salivary Glands
7. Carcinoma of the Nasal Cavity and Paranasal Sinus
8. Carcinoma of the Nasopharynx
9. Carcinoma of the Skin of the Head, Face, and Neck
10. Carcinoma of Unknown Primary Site
11. Surveillance of the Head and Neck Cancer Patient
The definitive state-of-the-art resource on pediatric endoscopic endonasal approaches

Today, expanded endonasal approaches (EEA) have revolutionized the surgical treatment paradigm for pediatric central skull base lesions. Specially adapted micro-instruments have been developed to permit passage through the narrow sinonasal pathways in children, enabling access to the entire midline skull base, from the crista galli to the cervico-medullary junction.

Pediatric Endoscopic Endonasal Skull Base Surgery by Harminder Singh, Jeffrey Greenfield, Vijay Anand, and Theodore Schwartz is 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. Thirty chapters are presented in three comprehensive sections.

Key Features

- Core topics including anatomy, rhinological and anesthetic considerations, patient positioning and OR set-up, instrumentation, and endonasal corridors and approaches
- Fifteen chapters detail 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
Visually rich, the succinct text is enhanced with 500 high-quality surgical illustrations and intraoperative photographs, as well as procedural videos

This unique reference is essential reading for neurosurgical and otolaryngology residents and fellows, as well as veteran surgeons, nurse-practitioners, and physician-assistants who treat and care for pediatric patients with skull-base conditions.

COMPETITION
There is no direct competition for this book.

CONTENTS

Section I. Pediatric Anatomy, Approaches, and Surgical Considerations
1 Anatomy of the Developing Pediatric Skull Base
2 Pediatric Rhinological Considerations
3 Anesthetic Considerations in Pediatric Patients
4 Patient Positioning and Operating Room Set-Up
5 Instrumentation
6 Intraoperative IONM during Endoscopic Endonasal Skull Base Surgery
7 Endonasal Corridors and Approaches [ED]
8 Combined Transcranial and Endonasal Approaches
9 Transorbital and Endonasal Approaches [ED]
10 Endonasal vs. Supraorbital Eyebrow Approaches: Decision-Making in the Pediatric Population
11 Ventral Approaches to Intraparenchymal Tumors of the Skull Base and Brainstem

Section II. Pathology Specific to the Pediatric Skull Base
12 Encephalocele/Meningoencephalocele
13 Sellar Arachnoid Cysts
14 Odontoidectomy for Cranio-Vertebral Junction (CVJ) Compression
15 Rathe's Cleft Cyst
16 Pediatric Craniopharyngioma
17 Pediatric Pituitary Adenoma: Functional
18 Pediatric Pituitary Adenoma: Non-Functional
19 Epidermoid and Dermoid Tumors
20 Juvenile Nasopharyngeal Angiofibroma
21 Optic Pathway Glioma and Juvenile Pilocytic Astrocytoma
22 Germ Cell Tumors
23 Chordoma [ED]
24 Chondrosarcoma
25 Malignant Skull Base Tumors
26 Subperiosteal Orbital Abscess

Section III. Skull Base Closure, Complication Management, and Postoperative Care
27 Closure Techniques for the Pediatric Skull Base - Vascularized Flaps
28 Closure Techniques for the Pediatric Skull Base - Multilayer Closure
29 Closure Techniques for the Pediatric Skull Base - Gasket Seal
30 Closure Techniques for Pediatric Skull Base - Bilayer Button
31 Endoscopic Endonasal Closure Techniques for Pediatric Skull Base - Lumbar Drains
32 Complication Management in Pediatric Endonasal Skull Base Surgery [ED]
33 Postoperative Care for Pediatric Skull Base Patients: The Neurosurgery Perspective
34 Postoperative Care for Pediatric Skull Base Patients: The Otolaryngology Perspective
Audiology Practice Management, Third Edition by Brian Taylor, provides new and established audiologists with everything they need to know about running a practice in the 21st century. This new edition offers expert approaches to starting and maintaining a practice in audiology—from technical, legal, and financial daily operations—to new issues like HIPAA compliance, social media considerations, and marketing strategies in the digital age.

Readers will benefit from the collective knowledge and expertise of audiologists and assorted industry experts who share pearls, controversies, and tips on a wide range of topics, including areas of practice not commonly seen in textbooks. Six new chapters cover key topics including basic management principles, clinical education, pricing strategies, entrepreneurial skills, changes in healthcare documentation, and valuation and exit strategy.

Key Features

- The financial aspects of audiology including accounting, coding, reimbursement, and competitive pricing
- The delivery of optimal, patient-centered services with discussion of quality improvement, staffing, infection control, and improved amplification acceptance rates
- A clinical process perspective on changes in healthcare documentation and how to use SOAP notes
- Best practices - from credentialing and contracting - to sales and marketing strategies
- Full color figures, flowcharts, and textboxes

This title is part of a three-volume set on Audiology (Diagnosis, Treatment, and Practice Management). Together, these books cover every aspect of audiology, providing a remarkably comprehensive resource—essential reading for doctoral students in audiology and must-have bookshelf references for audiologists.

COMPETITION Glaser and Traynor, Strategic Practice Management, 2nd ed., 2013, 425 pages, black and white images, 978-1597565226, Plural

CONTENTS 1 Introduction to Practice Management
I. Core Principles

2 Ethics and Audiology
3 Basic Business Management Principles (NEW)
4 The Economics of Audiology (NEW)
5 Human Resources Management in Audiology
6 Quality in an Audiology Practice
7 Marketing & Branding (NEW)

II. Practice Management Considerations

8 HIPAA & Affordable Care Act Fundamentals (NEW)
9 Clinical Supervision
10 Documentation in Clinical Audiology: An Information Management Perspective
11 Outcome Measures and Evidence-Based Practice
12 Infection Control
13 Cerumen Management
14 Tele-Audiology (NEW)

III. Business Applications

15 Private Practice Issues (Starting and Sustaining a Business) (NEW)
16 Writing a Business Plan
17 Strategy and Design in an Audiology Practice
18 Accounting in an Audiology Practice
19 Reimbursement, Billing & Coding (NEW)
20 Proposing Audiology Services to Group Providers (Affinity Programs)
21 Office Management Systems (Computer Principles and Applications)
22 Marketing in a Not-for-Profit Clinic (NEW)
23 Rice Strategy (NEW)
24 Business Valuation and Exit Strategies (NEW)
**TITLE**

RadCases Plus Q&A Neuro Imaging 2nd Edition

**PRICE**

$69.99

**ISBN**

9781626232372 (Previous Edition: 9781604061895, 2010)

**PUBLICATION DATE**

October, 2018

**FORMAT**

Softcover · 776 Illustrations · 264 Pages · 8.5 X 11 IN

**MEDIA CONTENT**

Online Cases with Q&A

**SPECIALTY**

Radiology, Neurosurgery, Neurology

**LEVEL**

Residents and above

**EDITORS**

Roy F. Riascos, MD, is Professor of Radiology and Chief of Neuroradiology, Department of Diagnostic and Interventional Imaging, The University of Texas Health Science Center, Houston, Texas, USA.

Eliana Bonfante, MD, is Associate Professor of Radiology, Department of Diagnostic and Interventional Imaging, The University of Texas Health Science Center, Houston, Texas, USA.

Susana Calle, MD, is a Staff Neuroradiologist, Department of Diagnostic and Interventional Imaging, The University of Texas Health Science Center, Houston, Texas, USA.

**DESCRIPTION**

Essential neuroradiology cases and board-type Q&A review to help you pass your exam!

*Neuro Imaging Second Edition* from Roy Riascos, Eliana Bonfante, and Susana Calle features 100 new cases along with two board-type multiple choice questions for each. This latest edition features state-of-the-art imaging technologies including perfusion techniques, spectroscopy, nuclear medicine, and 3D reconstructions. Updated and new classification systems have been integrated into brain tumor, traumatic spine injury, and intracranial aneurysm cases. For maximum ease of self-assessment, each case begins with the clinical presentation on the right-hand page; study that and then turn the page for imaging findings, differential diagnoses with the definitive diagnosis, essential facts, pearls and pitfalls, and more.

**Key Features**

- New to this edition, a question-and-answer section for each case reinforces key concepts
- Easy-to-read bulleted formatting and concise, point-by-point presentation of the Essential Facts enables learning and retention of high-yield facts and skill-building in neuroradiologic diagnosis
- Online access to additional cases enables residents to arrange study sessions, quickly extract and master information, and prepare for specialized neuroradiology conferences

Thieme's RadCases means cases selected to simulate what you will see on your exams, rounds, and rotations. RadCases helps you to identify the correct differential diagnosis for each case, including the most critical.

Each RadCases second edition has a code allowing you one year of access to Thieme's online database of 350 cases: the 100 cases in this book plus 250 cases more.

Master your cases, pass your exams, and diagnose with confidence: RadCases!
|-------------|-------------------------------------------------------------------|

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**TITLE**

RadCases Plus Q&A Thoracic Imaging

2nd Edition

**PRICE**

$69.99

**ISBN**

9781626238145 (Previous Edition: 9781604061871, 2010)

**PUBLICATION DATE**

November, 2018

**FORMAT**

Softcover · 550 Illustrations · 260 Pages · 8.5 X 11 IN

**MEDIA CONTENT**

Online Cases with Q&A

**SPECIALTY**

Radiology, Pulmonary and Thoracic Medicine

**LEVEL**

Residents and above

**EDITORS**

Carlos S. Restrepo, MD, is Professor of Radiology, Vice Chair of Education, and Section Chief of Cardio-Thoracic Radiology, Department of Radiology, University of Texas Health Science Center, San Antonio, Texas, USA.

Steven M. Zangan, MD, is Associate Professor of Radiology and Associate Program Director of Interventional Radiology Residency, Department of Radiology, University of Chicago Medical Center, Chicago, Illinois, USA.

**DESCRIPTION**

_A powerful spectrum of thoracic radiology cases and board-type Q&A review to help you pass your exam!

This second edition of RadCases Thoracic Imaging from Carlos Restrepo and Steven Zangan presents 100 differential diagnoses covering the span of lung and thorax disease states, from common conditions such as pneumonia and ARDS to rare conditions like Mounier-Kuhn syndrome and DIPNECH. This edition includes important variations of prior cases, updated diagnostic and management strategies, and new pathological entities. Cases are strategically designed to simulate pathologies encountered in day-to-day practice, increase knowledge, and provide robust exam preparation. For maximum ease of self-assessment, each case begins with the clinical presentation on the right-hand page; study that and then turn the page for CT and chest radiograph findings, differential diagnoses with the definitive diagnosis, essential facts, pearls and pitfalls, and more.

**Key Features**

- New to this edition, a question-and-answer section for each case reinforces key concepts
- Nearly 500 high quality figures with clear annotations and descriptions enhance understanding of underlying pathologies
- Easy-to-read bulleted formatting and concise, point-by-point presentation of the Essential Facts enables learning and retention of high-yield facts and skill-building in thoracic radiologic diagnosis

Thieme’s RadCases means cases selected to simulate what you will see on your exams, rounds, and rotations. RadCases helps you to identify the correct differential diagnosis for each case, including the most critical.
Each RadCases second edition has a code allowing you one year of access to Thieme’s online database of 350 cases: the 100 cases in this book plus 250 cases more.

Master your cases, pass your exams, and diagnose with confidence: RadCases!

**COMPETITION**


**CONTENTS**

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**Editors**

Richard B. Gunderman, MD, PhD, MPH, is The John A. Campbell Professor of Radiology; Chancellor's Professor of Radiology, Pediatrics, Medical Education, Philosophy, Liberal Arts, Philanthropy, and Medical Humanities and Health Studies, Indiana University School of Medicine, Indianapolis, Indiana, USA.

Lisa R. Delaney, MD, is Assistant Professor, Department of Radiology, Indiana University School of Medicine, Indianapolis, Indiana, USA.

**Description**

*Important pediatric radiology cases and board-type Q&A review to help you pass your exam!*

Pediatric radiology provides an opportunity to care for perhaps the most vulnerable patients of all, from prenatal life through adolescence. *Pediatric Imaging, Second Edition* by Richard Gunderman and Lisa Delaney features 100 new cases along with two board-type multiple-choice questions for each. A wide spectrum of cases focusing on radiology in children – from basic to advanced – are strategically designed to increase a resident's knowledge and provide robust exam preparation. For maximum ease of self-assessment, each case begins with the clinical presentation on the right-hand page; study that and then turn the page for imaging findings, differential diagnoses with the definitive diagnosis, essential facts, pearls and pitfalls, and more.

**Key Highlights**

- Multiple images for every case demonstrate how a condition appears in different modalities
- Easy-to-read bulleted formatting and concise, point-by-point presentation of the Essential Facts enables learning and retention of high-yield facts and skill-building in radiologic diagnosis
- Online access to additional cases enables residents to arrange study sessions, quickly extract and master information, and prepare for theme-based radiology conferences

Thieme's RadCases means cases selected to simulate what you will see on your exams, rounds, and rotations. RadCases helps you to identify the correct differential diagnosis for each case, including the most critical.

Each RadCases second edition has a code allowing you one year of access to Thieme's online database of 350 cases: the 100 cases in this book plus 250 cases more.

**Master your cases, pass your exams, and diagnose with confidence: RadCases!**
CONTENTS
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**DESCRIPTION**  
*The highest-yield, most complete pediatric radiology exam preparation and learning tool available today*

*Top 3 Differentials in Pediatric Radiology* by renowned pediatric radiologist Rebecca Stein-Wexler and colleagues is part of a series of radiology case books that mirror the highly acclaimed O'Brien classic, *Top 3 Differentials in Radiology*. Each case is formatted as a two-page unit. The left page features clinical images, succinctly captioned findings, and pertinent clinical history. The right page includes the key imaging gamut, differential diagnoses rank-ordered by the "Top 3," additional diagnostic considerations, and clinical pearls.

This book includes an exceptionally diverse array of common and important gamuts encountered in pediatric radiology practice. It is organized into six sections: head and neck imaging; chest, cardiac, and airway imaging; gastrointestinal imaging; genitourinary imaging; musculoskeletal imaging; and brain and spine imaging. Each section begins with a series of differential-based cases and concludes with important "Roentgen Classics" – cases with imaging findings characteristic of a single diagnosis.

**Key Highlights**

- More than 500 high-quality images enhance diagnostic skills
- Approximately 800 pathological processes/differentials encompassed in 194 high-yield cases
- Concise discussion highlights key clinical and imaging manifestations for each important differential diagnosis
- An appendix and list of differential diagnoses serve as a curriculum guide for trainees and educators alike

This volume provides an exceptionally robust board review and is equally invaluable for clinical practices focused on pediatric radiology. It is a must-have resource for radiology residents, pediatric radiology fellows, and staff radiologists preparing for the ABR core, certifying, and pediatric CAQ exams. It is also an essential tool for radiologists, pediatricians, and surgeons who order or interpret pediatric imaging tests.
CONTENTS

Section 1 Airway, Cardiac, and Chest Imaging

Section 2 Gastrointestinal Imaging

Section 3 Genitourinary Imaging
You are looking for precise anatomic denomination, but you want more than just a list of terms?

The Illustrated Veterinary Anatomical Nomenclature is based upon the Nomina Anatomica Veterinaria (N. A. V.), a compilation of terms which is published by the World Association of Veterinary Anatomists. In the 4th edition of this benchmark, more than 6500 structures are depicted and defined, aiding the user in understanding anatomy and in clarifying its concepts.

The book is a reference for teachers, researchers, veterinarians, and students. Its arrangement adheres strictly to the latest, 6th edition of the N.A.V. (2017). It focuses on the anatomical structures of cat, dog, pig, cattle, sheep, goat, horse, and rabbit.
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**EDITORS** The Family Larsson-Rosenquist Foundation is an independent charitable organization that promotes research in breast milk and lactation.

**DESCRIPTION** *An Evidence-Based Reference Book: A Key Resource for Decision Makers and Practitioners.*

Exploring the multifaceted, multidisciplinary and complex world of breastfeeding, breast milk and lactation. This book provides a factual, scientifically robust overview of the key topics written by leading experts at the heart of breastfeeding and breast milk. It aims to empower decision makers and practitioners with the knowledge required to increase promotion, protection and support for breastfeeding and the use of breast milk.

This book is a compilation of evidence-based feature articles covering one of nature's most valuable resources — breast milk.

Based in Zug, Switzerland, the Family Larsson-Rosenquist Foundation is an independent charitable organization that promotes research in breast milk and lactation.

**CONTENTS**

**Part 1 Setting the Scene**

1 Introduction by Peter E. Hartmann
2 Breast Milk, Global Health and Sustainable Development by Leith Greenslade
3 Data Collection on Infant Feeding by Maria Quigley
4 How Breastfeeding Works: Anatomy and Physiology of Human Lactation by Melinda Boss, Peter E. Hartmann
5 Why Breastfeeding? by Berthold Koletzko

**Part 2 Different Perspectives**

6 Introduction by Rafael Pérez-Escamilla
7 Human Milk: Bioactive Components and Their Effects on the Infant and Beyond by Donna Geddes, Foteini Kakulas
8 The Psychological Effects of Breastfeeding by Jennifer Hahn-Holbrook
9 Sociological and Cultural Influences upon Breastfeeding by Amy Brown
10 Breastfeeding Promotion: Politics and Policy by Ashley M. Fox
11 Human Milk in Economics Context by Subhash Pokhrel
12 Commercial Aspects of Breastfeeding: Products and Services by Rebecca Mannel
13 The Promotion of Breastfeeding by Rowena Merritt
14 Infant Feeding in History: an Outline by Maureen Minchin

Part 3 Human Milk in Special Circumstances
15 Introduction by Paula P. Meier
16 Human Milk in the Neonatal Intensive Care Unit by Paula P. Meier, Beverly Rossman, Tricia J. Johnson, Janet L. Engstrom, Rebecca A. Hoban, Kousiki Patra, Harold R. Bigger
17 A Collective View of Human Milk Banking by João Aprigio Guerra de Almeida, Ben Hartmann, Kiersten Israel-Ballard, Guido E. Moro
18 Pasteurization by Lukas Christen
19 Human Immunodeficiency Virus (HIV) by Anna Coutsoudis
20 Breastfeeding and the Use of Medications by Thomas W. Hale, Teresa Ellen Baker

Part 4 The Way Forward
21 Introduction by Leith Greenslade
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EDITORs  M.C. Bagley  
K. Banert  
J.A. Joule  
T. Murai  
C.A. Ramsden

DESCRIPTION  The Science of Synthesis Editorial Board, together with the volume editors and authors, is constantly reviewing the whole field of synthetic organic chemistry as presented in Science of Synthesis and evaluating significant developments in synthetic methodology. Four annual volumes updating content across all categories ensure that you always have access to state-of-the-art synthetic methodology.

CONTENTS  10.2 Product Class 2: Benzo[c]furan and Its Derivatives  
15.6.3 Isoquinolinones (Update 2018)  
18.10.15 Thiocarbonic Acids and Derivatives (Update 2018)  
30.3.4.3 1,3-Dithianes (Update 2018)  
30.3.5.3 1,3-Dithiepanes (Update 2018)  
30.4.3 S,N-Acetals (a-Amino Sulfur Derivatives) (Update 2018)  
30.6.3 N,N-Acetals (Aminals) (Update 2018)  
31.5.1.5.12 Synthesis of Phenols from Nonaromatic Precursors (Update 2018)
The aim of this work is to convey the practice, power, and potential of flow chemistry to a larger audience. An emerging and strengthening trend is that flow chemistry is much more than the adaption of batch processes to flow systems. Rather, flow chemistry offers a new paradigm in the way we think about chemical synthesis. This volume demonstrates the enabling power of continuous flow to access new reaction types and different chemistry space and, to this end, it has been compiled by a team of pioneers and leaders, who present both the practical and conceptual aspects of this rapidly growing field. Included are the principles of reactor design, automation, and separations/purifications in flow systems, applications in photochemistry, electrochemistry, gaseous systems, immobilized reagents and catalysts, and multistep processes. The synthesis of peptides, carbohydrates, and pharmaceuticals is covered and several chapters give insight into the use of flow in an industrial context.
**TITLE**

Gordon and Nivatvongs' Principles and Practice of Surgery for the Colon, Rectum, and Anus

*4th Edition*

**PRICE**

$379.99

**ISBN**

9781626234291 *(Previous Edition: 9780824729615, 2007)*

**PUBLICATION DATE**

December, 2018

**FORMAT**

Hardcover · 748 Illustrations · 1000 Pages · 8.5 X 11 IN

**MEDIA CONTENT**

Complimentary MedOne eBook; Videos

**SPECIALTY**

Colon and Rectal Surgery, Gastroenterology, Internal Medicine, General Surgery

**LEVEL**

Residents and above

**EDITORS**

David E. Beck, MD, FACS, FASCRS, is Professor and Chairman Emeritus, Department of Colon and Rectal Surgery, Ochsner Clinic, The University of Queensland School of Medicine–Ochsner Clinical School, New Orleans, Louisiana, USA.

Steven D. Wexner, MD, PhD(Hon), FACS, FASCRS, FRCS, FRCS(ED), FRCSI(Hon), is Director, Digestive Disease Center and Chair, Department of Colorectal Surgery, Cleveland Clinic Florida; Affiliate Professor, Florida Atlantic University College of Medicine and Clinical Professor, Florida International University College of Medicine, Weston, Florida, USA.

Janice F. Rafferty, MD, FACS, FASCRS is Professor of Surgery and Chief, Section of Colon and Rectal Surgery, University of Cincinnati, Cincinnati, Ohio, USA.

**DESCRIPTION**

*The most comprehensive and authoritative reference available today on colorectal surgery*

This revised fourth edition of *Gordon and Nivatvongs' Principles and Practice of Surgery for the Colon, Rectum, and Anus* edited by David Beck, Steven Wexner, and Janice Rafferty strikes a perfect balance between evidence-based medicine, in-depth details, and clinical pearls. The result is a highly engaging and authoritative tome in the grand tradition of Philip Gordon and Santhat Nivatvongs. Building on the widely acclaimed previous editions' reputation for superb quality and reader-friendliness, the fourth edition includes contributions from an expanded cadre of internationally known experts.

Significant advances have been made in this field since the third edition was published. The latest diagnostic modalities are highlighted such as MRI, CT angiography, and enterography. The first section covers essentials such as anatomy, physiology, diagnosis, colonoscopy, and patient management. Sections two through four discuss a full spectrum of anorectal diseases, colorectal disorders, trauma, unexpected challenges, and complications. Among the additions are expanded sections on transanal total mesorectal excision, genetics, personalized medicine, "wait and watch" principles, outpatient management of anorectal surgery, and large bowel obstruction.

**Key Highlights**

- Thirty-seven chapters cover a wide array of gastrointestinal disorders such as fecal incontinence, ulcerative colitis, Crohn's disease, diverticulitis, carcinomas, and other malignant lesions
- A multidisciplinary team approach to rectal cancer encompasses rectal cancer protocol MRI, synoptic reporting, and various neoadjuvant therapy protocols
The use of cutting-edge approaches including laparoscopy, robotics, hyperbaric oxygen, and radiofrequency tissue remodeling

Superb full-color plates, illustrations, photographs, diagrams, detailed tables, graphics, and surgical videos elucidate underlying disease and management

As the most comprehensive resource on colorectal surgery available on the market today, this is a must-have for every colon and rectal surgeon – from residents to veteran practitioners.

COMPETITION
Bailey, Colorectal Surgery, 2012, $215.00, 560 pages, Elsevier

Corman, Corman’s Colon and Rectal Surgery, 2012. $399.99. 1884 pages, Lippincott Williams & Wilkins

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Section III: Colorectal Disorders
Section IV: Other Considerations
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Thieme Medical Publishers, Inc.
www.thieme.com
333 Seventh Avenue
New York, NY 10001
USA
Tel. +1 212 760 0888
Fax +1 212 947 1112
customerservice@thieme.com

Fiona Henderson
International Marketing Director
Tel. +49 711 8931 458
fiona.henderson@thieme.de

Rina Mody
Metadata and eBook Distribution Associate
Tel. +1 212 584 4714
rina.mody@thieme.com

Representatives

CENTRAL/SOUTH AMERICA
(Peru, Colombia, Venezuela, Mexico, and the Pan American Health Organization)

Enrique Gallego
Latin Fly
www.latin-fly.com
Calle 165 b N 13 c-55 apto 1503
Bogota
Colombia
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Email: egallego@latin-fly.com
info@latin-fly.com

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Walter Fabián Manzini
Medical World, Contenidos Científicos
Calderón de la Barca 2880 PB Dpto. 3
C1417CIV Buenos Aires
Argentina
Phone: +54 11 5437-9675
Fax: +54 11 5437-9675
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