2019 Quarter 2 Advanced Book Information

Featured Titles
- May-19 PRP and Microneedling in Aesthetic Medicine, 1st Edition
- Jun-19 Current Concepts of Sleep Apnea Surgery, 1st Edition

Neurosurgery Titles
- Feb-19 Surgery of the Thoracic Spine, 1st Edition
- Apr-19 Transnasal Endoscopic Skull Base and Brain Surgery: Surgical Anatomy and its Applications, 2nd Edition
- May-19 Spine Surgery in an Aging Population, 1st Edition
- May-19 Controversies in Neuroendoscopy, 1st Edition
- May-19 Comprehensive Management of Vestibular Schwannoma, 1st Edition
- May-19 The Glioma Book, 1st Edition
- May-19 Controversies in Skull Base Surgery, 1st Edition
- Jun-19 Pediatric Endoscopic Endonasal Skull Base Surgery, 1st Edition
- Jun-19 Surgery of the Brainstem, 1st Edition
- Jun-19 Surgical Techniques in Moyamoya Vasculopathy: Tricks of the Trade, 1st Edition

Plastic and Reconstructive Surgery Titles
- Jun-19 Oculoplastic Surgery, 3rd Edition
- Jun-19 Handbook of Reconstructive Flaps, 1st Edition
- Jun-19 Wrist Arthroscopy Techniques, 2nd Edition

Radiology Titles
- Mar-19 Top 3 Differentials in Nuclear Medicine, 1st Edition
- Apr-19 Top 3 Differentials in Gastrointestinal Imaging: A Case Review, 1st Edition
- Jun-19 Diagnostic Imaging of Congenital Heart Defects: Diagnosis and Image-Guided Treatment, 1st Edition

Orthopaedic Titles
- Apr-19 Shoulder Surgery: Tricks of the Trade, 1st Edition
- May-19 Handbook of Pediatric Orthopaedics, 3rd Edition

Ear, Nose, and Throat
- Feb-19 Key Topics in Otolaryngology, 3rd Edition
- May-19 Head and Neck Cancer: Management and Reconstruction, 2nd Edition
- Jun-19 Microsurgical Management of Middle Ear and Petrous Bone Cholesteatoma, 1st Edition
- Jun-19 Handbook of Otolaryngic Allergy, 1st Edition

Audiology
- May-19 Assessing and Treating Dysphagia: A Lifespan Perspective, 1st Edition
- Jun-19 Pediatric Audiology Casebook, 2nd Edition

Student Titles
- Apr-19 Patient and Family-Centered Speech-Language Pathology and Audiology, 1st Edition
- Apr-19 Thieme Test Prep for the USMLE®: Clinical Anatomy Q&A, 1st Edition
- Apr-19 Clinical Neuroanatomy: A Case-Based Approach, 1st Edition
- May-19 Histology: An Essential Textbook, 1st Edition

Physical Therapy Titles

Other Titles
- Apr-19 Spinal Injection Techniques, 2nd Edition
- May-19 Pediatrics: A Case-Based Review, 1st Edition

Additional Information
- Representatives & Exclusive Distributors
State-of-the-art PRP and microneedling aesthetic procedures from internationally renowned experts

Platelet rich plasma (PRP) and microneedling are two increasingly popular off-label modalities intended to harness the body’s self-rejuvenation and repair abilities. PRP and Microneedling in Aesthetic Medicine is the most comprehensive, clinically informed resource available today on these two techniques. Internationally renowned, minimally invasive facial aesthetics experts Amelia K. Hausauer, Derek H. Jones, and a cadre of esteemed contributors have written the definitive guide on this topic. Readers will learn how to evaluate and critically appraise various approaches and leverage evidence-based methods to guide best practices.

Divided into three parts, the first chapters on PRP and microneedling lay a solid foundation, covering basic science, mechanism of action, preparation, and practical considerations. Each chapter includes in-depth discussion, technical pearls, and practical tips for incorporating specific techniques into clinical practice. Part three focuses on special topics including applications and safety in skin of color, combination therapies, and managing complications.

Key Highlights

- Applications for PRP including chronic wound healing, scars and scar revision, aesthetic rejuvenation and augmentation, and alopecia and hair restoration
- Microneedling for the treatment of acne and other scars, striae, melasma and dyschromia, skin rejuvenation, hyperhidrosis, and photodamage
- The concurrent use of PRP and microneedling; PRP and laser resurfacing, rhitidectomy, and ultrasound; and microneedling with radiofrequency and drug-assisted delivery
- About 100 images elucidate impacted anatomy and techniques; and 10 short online videos provide enhanced procedural guidance

This is an essential resource for practitioners and training providers in dermatology and plastic surgery, particularly those specializing in facial and oculoplastic sub-specialties. It is a must-have for all aesthetic physicians seeking to expand their repertoire of minimally invasive facial surgery approaches.


CONTENTS

Chapter 1 Introduction

PART I
Chapter 2 PRP: Mechanism And Practical Considerations
Chapter 3 PRP for Wound Healing and Scars
Chapter 4 PRP for Rejuvenation and Augmentation
Chapter 5 PRP for Alopecia and Hair Restoration

PART II
Chapter 6 Microneedling: Mechanism and Practical Considerations
Chapter 7 Microneedling: Clinical Applications
Chapter 8 Microneedling and RF

PART III
Chapter 9 Applications and Safety in Skin of Color
Chapter 10 Combination Therapies
Chapter 11 Complications associated with PRP and Microneedling Therapy
Few surgical texts are able to provide readers with a level of descriptive and visual detail sufficient to be considered a primary manual for surgical procedures. Surgeons typically face the daunting task of extensive research through various texts to piece together a picture comprehensive enough to guide them through a new procedure. This prospect is especially formidable in the field of plastic and reconstructive breast surgery, in which techniques are constantly evolving and older texts describe procedures that have long since been supplanted by superior methods and innovative approaches.

This fourth edition of *Bostwick's Plastic and Reconstructive Surgery*, edited by premier breast surgeon Glyn E. Jones, provides just that manual for breast and plastic surgeons. This comprehensive text encompasses every key ingredient for a step-by-step surgical guide to breast surgery:

- An expanded microsurgical section incorporating the most widely used flaps and recent advances
- Extensive coverage of revolutionary prepectoral breast reconstruction, both single stage direct-to-implant approaches and 2-stage expander-implant pre-pectoral reconstruction
- A comprehensive approach to lymphedema surgery
- Exposure to state-of-the-art implant technology
- Contributing authors from around the globe who are heralded as the best in their field at technique and innovation
- Detailed coverage of relevant and groundbreaking new technologies that are redefining plastic surgery of the breast
- Step-by-step detailed technical operative details including technical nuances rarely outlined in surgical texts
- High-quality, updated surgical images and intricate surgical illustrations as well as pertinent radiographic examples
- An extensive collection of pertinent surgical videos, which stream directly from the publisher’s website
- Technical caveats to ensure success of the surgical techniques described
- Concise but thorough chapters presented in both print and electronic formats for easy access by busy surgeons

Surgeons must be highly skilled in cosmetic breast surgery as well as in prepectoral approaches, single-stage direct-to-implant reconstruction, and microsurgery to remain competitive in the plastic and reconstructive breast surgery field. Every dedicated breast surgeon will want this essential text at their fingertips!

This book includes complimentary access to a digital copy on [https://medone.thieme.com](https://medone.thieme.com).
Volume I
Part I: Basic Principles
Chapter 1: Anatomy, Physiology, and Aesthetics
Chapter 2: Breast Aesthetics
Chapter 3: Oncological Aspects of Nipple-Sparing Mastectomy
Chapter 4: Oncological Aspects of Breast Reconstruction
Chapter 5: Gene Mutations and Breast Cancer Risk: Overview and Management
Chapter 6: Multimodality Imaging in the Interdisciplinary Management of Breast Diseases
Chapter 7: Technological Advances in Breast Surgery
  i. Acellular Dermal Matrices
  ii. Biological Matrix Applications in Breast Reconstruction
Chapter 8: Fat Grafting in Breast Surgery: The Data
Chapter 9: Fat Grafting to the Breast: Aesthetic and Reconstructive Applications
Chapter 10: Fat Grafting to the Breast in Prepectoral Breast Reconstruction: A Current Overview

Part II: Augmentation Mammaplasty
Chapter 11: Preoperative Evaluation of the Breast Augmentation Patient
Chapter 12: Implant Technology
Chapter 13: Breast Implant-Associated Anaplastic Large Cell Lymphoma
Chapter 14: Augmentation Mammaplasty with Cohesive Gel Implants
Chapter 15: Subpectoral Breast Augmentation (Inframammary Approach)
Chapter 16: Subfascial Inframammary Breast Augmentation
Chapter 17: Transaxillary Approach to Endoscopic Breast Augmentation
Chapter 18: Periareolar Breast Augmentation
Chapter 19: Managing Asymmetry and Congenital Anomalies
Chapter 20: Managing Complications in Breast Augmentation

Part III: Mastopexy
Chapter 21: Decision Making in Mastopexy
Chapter 22: Periareolar Mastopexy
Chapter 23: Vertical Mastopexy
Chapter 24: The Wise Pattern Mastopexy

Part IV: Mastopexy Augmentation
Chapter 25: Decision Making in Mastopexy Augmentation
Chapter 26: Periareolar Mastopexy Augmentation
Chapter 27: Vertical Mastopexy Augmentation
Chapter 28: The Wise Pattern Mastopexy Augmentation
Chapter 29: Prevention and Management of Complications in Mastopexy Augmentation

Part V: Massive Weight Loss
Chapter 30: Breast Surgery after Massive Weight Loss

Part VI: Reduction Mammaplasty
Chapter 31: Vertical Superior Pedicle Breast Reduction (Modified Lassus Technique)
Chapter 32: Superomedial Vertical Breast Reduction
Chapter 33: Superomedial Pedicle Technique with Inverted-T Closure (Wise Pattern)
Chapter 34: Central Mound Inferior Pedicle Technique
Chapter 35: Free Nipple Graft Technique
Chapter 36: Outcomes and Reducing Complications in Breast Reduction
Chapter 37: Gynaecomastia: Evaluation and Treatment

Volume II
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Chapter 39: Prepectoral Breast Reconstruction: Direct-to-Implant versus Two-stage
Chapter 40: Two-Stage Subpectoral Tissue Expander-Implant Reconstruction
Chapter 41: Subpectoral Direct-to-Implant Single-Stage Reconstruction
Chapter 42: Prepectoral Direct-to-Implant Breast Reconstruction
Chapter 43: Prepectoral Site Conversion for Animation Deformity
Chapter 44: Two-Stage Prepectoral Prosthetic Breast Reconstruction
Chapter 45: Preventing and Managing Complications of Expander-Implant Reconstruction
Chapter 46: Implant-Based Reconstruction and Radiation

Subpart B: Latissimus Dorsi Flap Reconstruction
Chapter 47: Latissimus Dorsi Flap Anatomy
Chapter 48: Latissimus Dorsi Flap Reconstruction
Chapter 49: Preventing and Managing Complications in Latissimus Dorsi Flap Reconstruction

Subpart C: Pedicled TRAM Flap Reconstruction
Chapter 50: Anatomy of the TRAM Flap and Abdominal Donor Site
Chapter 51: Transverse Rectus Abdominis Musculocutaneous Flaps

Part VIII: Microsurgical Breast Reconstruction

Subpart A: DIEP Flap
Chapter 52: Preoperative Planning and Imaging of the DIEP Flap
Chapter 53: DIEP Flap Reconstruction and Technique
Chapter 54: Prevention and Management of Complications in DIEP Flap Reconstruction

Subpart B: Muscle-Sparing Free TRAM Flap
Chapter 55: Muscle-Sparing Free TRAM Flap Reconstruction

Subpart C: Superficial Inferior Epigastric Flap
Chapter 56: Superficial Interior Epigastric Artery Perforator Flap

Subpart D: Thigh-based Free Flaps
Chapter 57: Transverse Upper Gracilis Flap
Chapter 58: Profunda Artery Perforator Flap

Subpart E: Alternate Perforator Flap Donor Sites
Chapter 59: Gluteal Artery Perforator Free Flap
Chapter 60: Lumbar Artery Perforator Flap

Part IX: Miscellaneous

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Chapter 62: Oncoplastic Reconstruction by Tumor Location and Outcomes
Chapter 63: Managing Complications after Breast Radiation Therapy

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Chapter 64: Nipple-Areolar Reconstruction

Subpart C: Lymphedema
Chapter 65: Surgical Treatment of Lymphedema

Subpart D: Complex Case Salvage
Chapter 66: Salvage of Complex Problems
**EDITOR**

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**DESCRIPTION**

*A key new reference dedicated to the surgical management of sleep-disordered breathing...*

The importance of unobstructed respiration in sleep, and the long-term risks of sleep apnea, cannot be overemphasized. The therapeutic efficacy of the widely prescribed 'gold standard,' CPAP, is compromised by low patient acceptance and compliance.

In light of the limits of CPAP and other forms of conservative therapy (e.g., mandibular advancement devices), there is a growing tendency to explore and expand the role of surgery in the treatment of severe sleep apnea. New insights and developments in pathophysiology, surgical techniques, and implants have opened the way to increased success in treating sleep apnea surgically.

This new work by leading international specialists provides a detailed, evidence-based approach to selected advanced surgical techniques, beginning with patient selection criteria, discussion of indications for and against surgery, choice of procedure (also in combinations), and more.

**Key Features:**

- Systematic, practice-oriented approach to examination, diagnosis, and treatment
- Step-by-step description of surgical concepts and techniques
- Superbly illustrated with full-colored photographs and drawings
- Focus on those procedures that have been shown to be successful in specific situations
- Discussion of outcomes, success rates, risks, and potential complications; where evidence-based data are not available, expert opinion is provided

*Current Concepts of Sleep Apnea Surgery* will be welcomed by residents, fellows, and board-certified surgeons in otorhinolaryngology and head and neck surgery.

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

**COMPETITION**

CONTENTS

1 Introduction
2 Pathophysiology
3 Diagnosis of SDB
4 Non-surgical Treatment (brief: weight reduction, PAP, MAD, positional treatment)
5 Surgical Principles
6 Pediatric OSA
7 Nose
8 Surgery in Adults
9 Bariatric Surgery
10 Postoperative Care and Follow-up
**Title**: Surgery of the Thoracic Spine: Principles and Techniques

**Editors**

Ali A. Baaj, MD, is Associate Professor and Co-Director, Spinal Deformity and Scoliosis Program, Department of Neurological Surgery, Weill Cornell Medical Center, New York-Presbyterian Hospital, New York, New York, USA.

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**Description**

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

Surgery of the Thoracic Spine: Principles and Techniques by renowned spine surgeons Ali Baaj, Kumar Kakarla, and Han Jo Kim fills a gap in the literature, with content focused solely on pathologies and surgical techniques of the thoracic spine and vertebral column. Starting with a thoughtful discussion on the uniqueness of the thoracic region as it relates to pulmonary function, the richly illustrated textbook covers a full spectrum of topics from biomechanics and anesthetic considerations to neuromonitoring and neuronavigation.

With contributions from a cadre of distinguished experts, the book encompasses pathophysiology, surgical techniques, and reconstructive strategies for common degenerative, congenital, oncologic, and traumatic diseases of the thoracic spine. Dedicated chapters cover treatment options for different types of scoliosis, Scheuermann kyphosis, proximal junctional deformity, and posttraumatic deformity.

**Key Features**

- Treatment of common degenerative conditions including stenosis and disc herniations
- Management of less common inflammatory and infectious spinal diseases such as spondylarthropathies, osteomyelitis, discitis, and fungal and tubercular infections
- Oncologic topics including primary, intradural extramedullary, and intramedullary spinal cord tumors and thoracic spine metastases
- Surgical treatment of pediatric and adult deformities including congenital, idiopathic, and degenerative scoliosis
- Classification of thoracic spinal fractures, discussion of complete and incomplete thoracic spinal cord injuries, posterior and ventral treatment of thoracic spine fractures, and osteoporotic compression fractures
This is an invaluable evaluation and management tool for neurosurgical and orthopaedic residents and practicing spine surgeons who treat patients with common to complex thoracic spinal pathologies.


**COMPETITION**

There is not a contemporary book on thoracic spine surgery, and therefore, there is no direct competition.

**CONTENTS**

**Part I Introduction**
1 Pulmonary and Chest Wall Physiology
2 Biomechanics of the Thoracic Spinal Column
3 Anesthetic Considerations for Surgery of the Thoracic Spine
4 Clinical Presentation of Thoracic Spinal Compression
5 Nonoperative Neurological Diseases of the Thoracic Spinal Cord

**Part II Deformity**
6 Surgical Management of Congenital Scoliosis
7 Neuromuscular Scoliosis
8 Adolescent Idiopathic Scoliosis
9 Scheuermann's Kyphosis
10 Proximal Junctional Deformity
11 Posttraumatic Deformity

**Part III Degenerative Disease**
12 Thoracic Spinal Stenosis
13 Paracentral Disc Herniations of the Thoracic Spine
14 Midline Disc Herniations of the Thoracic Spine
15 Spondyloarthropathies.

**Part IV Infection**
16 Epidural and Soft-Tissue Infections
17 Thoracic Osteomyelitis and Discitis
18 Fungal and Tubercular Infections of the Thoracic Spine

**Part V Tumor and Vascular**
19 Primary Tumors of the Thoracic Spinal Column
20 Metastatic Disease of the Thoracic Spinal Column
21 Intradural Extramedullary Tumors
22 Intramedullary Spinal Cord Tumors
23 Surgical Management of Thoracic Spinal Arteriovenous Malformations

**Part VI Trauma**
24 Classifications of Thoracic Spinal Fractures
25 Complete and Incomplete Thoracic Spinal Cord Injuries
26 Posterior Approaches for Thoracic Spine Fractures
27 Ventral Approaches to the Thoracic Spine for Trauma
28 Osteoporotic Compression Fractures

**Part VII Further Topics**
29 Idiopathic Spinal Cord Herniation
30 Intraoperative Neuromonitoring During Thoracic Spine and Spinal Cord Surgery
31 Neuronavigation for Complex Thoracic Spine Surgery
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, transcribrifom, 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.

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 Surgery for Sinus and Skull Base Malignancies
Section X Transnasal Endoscopic Approach to the Petrous Apex and Meckel's Cave
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
Spine Surgery in an Aging Population

Nathaniel P. Brooks, MD, FAANS, is Associate Professor, University of Wisconsin School of Medicine and Public Health, Department of Neurological Surgery, Madison, Wisconsin, USA.

Andrea L. Strayer, MS, NP, CNRN, is a Neurosurgery Nurse Practitioner (Distinguished), University of Wisconsin School of Medicine and Public Health, Department of Neurological Surgery, Madison, Wisconsin, USA.

An invaluable primer on the surgical and nonsurgical treatment of aging patients with spine conditions

The growing population of people aged 65 and older has significant implications for health care systems and spine care providers. Older patients today demand interventions that enable them to return to a functional lifestyle. Treatment of degenerative spine disease in aging adults requires in-depth understanding of changes in physiology, biomechanics, function, and modifiable risk factors. Equally important, providers need to listen to patients, diagnose thoughtfully, learn about the person’s goals, and teach them in plain language about the risks, alternatives, and expectations of treatment options. This foundation is critical to developing informed patient-centered treatment plans to improve outcomes.

Spine Surgery in an Aging Population by Nathaniel Brooks, Andrea Strayer, and a cadre of global contributors reflects a rich array of expertise. With multidisciplinary contributions from renowned specialists in neurosurgery, orthopaedic surgery, geriatrics, and rehabilitation, the book provides invaluable insights on caring for aging adults with degenerative spine disease. Throughout 21 chapters, readers are provided with key concepts, expert knowledge, and effective management strategies to avoid complications and improve outcomes for older adult spine patients.

Key Highlights

- Diagnosis and treatment of osteoporosis to help prevent fractures and optimize treatment approaches prior to elective surgery
- Management of common pathologies of the aging spine such as cervical spondylosis, lumbar stenosis, spondylolisthesis, degenerative scoliosis and trauma
- Special topics include value-based care, nonsurgical management of spinal pain, vertebral augmentation, minimally invasive surgery, and instrumentation considerations

This one-stop compendium is essential reading for orthopaedic and neurosurgical residents and fellows, as well as veteran surgeons and allied health providers who care for older adults with spine conditions.


CONTENTS
Chapter 1: Assessing the Aging Patient
Chapter 2: Age-Related Changes in the Spine
Chapter 3: Diagnosis and Treatment of Osteoporosis
Chapter 4: Surgical Decision Making in the Aging Population
Chapter 5: Perioperative Optimization in the Aging Population
Chapter 6: Value Based Care in the Aging Spine
Chapter 7: Cervical Fractures
Chapter 8: Thoracic and Thoracolumbar Fractures
Chapter 9: Lumbar Fractures
Chapter 10: External Orthosis Management
Chapter 11: Spinal Cord Injury and Central Cord Syndrome
Chapter 12: Cervical Spondylosis with Myelopathy
Chapter 13: Cervical Deformity
Chapter 14: Lumbar Stenosis with Neurogenic Claudication
Chapter 15: Lumbar Spondylolisthesis
Chapter 16: Sagittal Plane Management and Degenerative Scoliosis in the Aging Spine
Chapter 17: Nonsurgical Pain Management
Chapter 18: Vertebral Augmentation
Chapter 19: Vertebral Augmentation for Insufficiency Fractures
Chapter 20: Minimally Invasive Surgery in the Aging Spine
Chapter 21: Techniques for Spinal Instrumentation in the Aging Spine
A unique perspective on neuroendoscopic versus microsurgical techniques from world-renowned neurosurgeons

In the last two decades, neuroendoscopy has evolved from a fringe neurosurgical tool to an established subspecialty focusing on the treatment of diverse cranial and spinal diseases. Today, neuroendoscopic technology is widely used to treat supratentorial diseases, skull base pathologies, craniocervical diseases, and spinal pathologies. Despite the expanded use of neuroendoscopy across several subspecialties, its benefits and disadvantages versus those of traditional microsurgical methods remain highly controversial. Contradictory evidence in the neurosurgical literature adds to the surgical decision-making challenges for veteran and novice practitioners alike.

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.
Contents

Section A: Skull Base
I. Pituitary-Tumor Surgery
II. Anterior Skull-Base Tumors
III. Craniovertebral Junction

Section B: Paraventricular Lesions
IV. Management of Colloid Cysts

Section C: Neurovascular
V. Decompression of Cranial Nerves
VI. Clipping of Cerebral Aneurysms
VII. Evacuation of Intraparenchymal Hemorrhage
VIII. Approaches to Brainstem Cavernous Malformations

Section D: Tumors
IX. Intraparenchymal Brain Tumors

Section E: Pediatrics
X. Craniosynostosis Surgery

Section F: Spine and Peripheral Nerves
XI. Cervical Discectomy/Foraminotomy
XII. Thoracic Discectomy
XIII. Endoscopic Versus Open Carpal Tunnel Release

Section G: Technology
The definitive resource on clinical management of vestibular schwannoma from world renowned experts

Although a histologically benign and relatively uncommon tumor, otolaryngologists and neurosurgeons have maintained a lasting and deep-rooted fascination with vestibular schwannoma, also known as acoustic neuroma. Advancements in microsurgical technique, radiosurgery, and radiotherapy, coupled with an increased understanding of the natural history of the disease, have made modern management of this tumor considerably more complex. Concurrently, new controversies have added to the original debates among pioneering surgeons, with the pendulum swinging between conservatism and definitive cure.

Comprehensive Management of Vestibular Schwannoma, by distinguished Mayo Clinic clinicians and renowned international contributors, is a comprehensive textbook covering all the clinical aspects of vestibular schwannoma management. Eighty-four chapters written by multidisciplinary experts including otolaryngologists, neurosurgeons, radiation oncologists, neurologists, neuroradiologists, and audiologists, ensure a balanced view of all treatment modalities for sporadic and neurofibromatosis type 2-associated vestibular schwannoma.

Key Features

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

With inclusion of fundamental principles to advanced concepts, this is a robust resource for residents, fellows, and early attending physicians, as well as mid- to later-career physicians who care for patients with vestibular schwannoma.

No direct competition outside of Thieme books.

Section I. Background
1 History of Vestibular Schwannoma Surgery
2 Historical Development of Radiation Modalities for Vestibular Schwannoma
3 Epidemiology of Vestibular Schwannoma
4 Histopathology of Vestibular Schwannoma
5 Molecular Biology of Sporadic and NF2-Associated Vestibular Schwannoma

Section II. Disease Presentation and Diagnostic Evaluation
6 Disease Presentation of Sporadic Vestibular Schwannoma
7 Auditory and Vestibular Testing Relevant to Vestibular Schwannoma
8 Diagnostic Imaging of Sporadic Vestibular Schwannoma and Other CPA Lesions
9 Emerging Imaging Techniques in Vestibular Schwannoma
10 MRI Safety and Imaging Quality in Patients with Cochlear Implants or Auditory Brainstem Implants with Retained Internal Magnets

Section III. Management: Overview
11 Current Trends in Vestibular Schwannoma Management
12 Multidisciplinary Care of the Vestibular Schwannoma Patient: Building a Skull Base Team
13 Patient Counseling Following Diagnosis of Sporadic Vestibular Schwannoma

Section IV. Management: Conservative Observation
14 Natural History of Tumor Growth in Sporadic Vestibular Schwannoma

Section V. Management: Radiation
15 Principles of Radiobiology Relevant to Radiosurgery and Radiotherapy of Sporadic Vestibular Schwannoma
16 Gamma Knife Radiosurgery for Treatment of Sporadic Vestibular Schwannoma
17 Linear Accelerator Radiosurgery for Treatment of Vestibular Schwannoma (Non-CyberKnife)
18 Conventional Fractionation LINAC-based Stereotactic Radiotherapy for Treatment of Sporadic Vestibular Schwannoma
19 CyberKnife Radiosurgery for Treatment of Sporadic Vestibular Schwannoma
20 Proton Beam Radiotherapy for Treatment of Sporadic Vestibular Schwannoma
21 Secondary Radiation Treatment of Vestibular Schwannoma After Prior Microsurgery or Radiosurgery
22 Radiation Therapy and Stereotactic Radiosurgery for Large Vestibular Schwannoma
23 Complications of Radiosurgery and Fractionated Radiotherapy for Vestibular Schwannoma
24 Risk of Radiation Associated Tumorigenesis in the Treatment of Vestibular Schwannoma
25 Imaging Follow-Up After Radiosurgery of Vestibular Schwannoma

Section VI. Management: Microsurgery
26 General Anesthesia in Vestibular Schwannoma Surgery
27 Intraoperative Facial Nerve Monitoring During Vestibular Schwannoma Microsurgery
28 Intraoperative Eighth Nerve Monitoring During Vestibular Schwannoma Microsurgery
29 Training in Vestibular Schwannoma Microsurgery
30 Anatomy of Vestibular Schwannoma Surgery
31 Surgical Approach Selection for Vestibular Schwannoma Microsurgery
32 Management of the Facial Nerve During Vestibular Schwannoma Microsurgery
33 Translabyrinthine Approach for Vestibular Schwannoma Resection
34 Surgical Refinements to the Translabyrinthine Approach to the Cerebellopontine Angle
35 Retrosigmoid Approach for Medium to Large Vestibular Schwannoma
36 Retrosigmoid Approach for Hearing Preservation Vestibular Schwannoma Microsurgery
37 Middle Cranial Fossa Approach for Hearing Preservation Vestibular Schwannoma Microsurgery
38 Transotic Approach for Vestibular Schwannoma Resection
39 Transcanal Transpromontorial Endoscopic Approach for Vestibular Schwannoma Resection
40 Endoscopic Vestibular Schwannoma and Lateral Skull Base Surgery
41 Subtotal Resection of Sporadic Vestibular Schwannoma
42 Staged Resection of Large Vestibular Schwannoma
43 Microsurgery for Recurrent and Residual Vestibular Schwannoma
44 Salvage Microsurgery After Radiation Treatment of Vestibular Schwannoma
45 Avoidance and Management of Vascular Complications During Vestibular Schwannoma Surgery
46 Perioperative Management of Hydrocephalus
47 Postoperative Cerebrospinal Fluid Leak, Pseudomeningocele, and Meningitis: Risks, Avoidance, and Treatment
48 Postoperative Counseling, Restrictions, and Care
49 Postoperative Imaging Surveillance Following Vestibular Schwannoma Resection

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84 Auditory Rehabilitation in Neurofibromatosis Type 2
A unique resource on glioma leverages advances and firsthand insights to enact meaningful change

Glioblastoma (GBM) or glioma is an extremely aggressive and malignant brain tumor, with cell infiltration, rapid invasion, and a high frequency of relapse. *The Glioma Book* by neurosurgeon Michael Sughrue is a highly personal book — a culmination of two years of writing and more than 1,000 surgeries. It presents a unique viewpoint with the potential to transform the traditional paradigm that too often informs treatment of this universally fatal brain tumor. The book reinterprets the role of the cerebrum and subcortex, leverages scientific advances to improve cytoreduction and reduce neurological deficits, and challenges the myth of the ‘inoperable’ glioma.

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

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

Neurosurgeons who embrace the concepts in this book will realize they can change the glioma treatment paradigm. Continually improving techniques and viewing a glioma diagnosis as a battle for a patient’s life, rather than an exercise in inevitable failure can impart progress in treating this devastating disease.

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

**COMPETITION**

*Intracranial Gliomas* series, Karger, 2018

**CONTENTS**

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Chapter 2: Sughrue’s Three Laws of Glioma Surgery
Chapter 3: Surface and Gross Anatomy of the Cerebrum
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Deep Brain Stimulation Techniques and Practices

**Editors**

William S. Anderson, MA, MD, PhD, is Associate Professor of Neurosurgery and Biomedical Engineering, Department of Neurosurgery, Johns Hopkins School of Medicine, Baltimore, Maryland.

The Society for Innovative Neuroscience in Neurosurgery is an educational nonprofit organization founded by a group of functional neurosurgeons dedicated to promoting technological advances and research in the field.

**Description**

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

Deep brain stimulation (DBS) is used to modulate dysfunctional circuits in the brain with stimulation pulses applied to specific target areas of the brain. Globally, DBS procedures have been most commonly performed for Parkinson's disease and essential tremor, but there are now new and growing research efforts studying DBS for psychiatric disorders and epilepsy.

Deep Brain Stimulation: Techniques and Practices written by the Society for Innovative Neuroscience in Neurosurgery along with Dr. William S. Anderson and distinguished experts presents the latest DBS approaches. The book begins with a history of DBS, general frame-based techniques, patient selection primarily for movement disorders, multidisciplinary collaboration, and ethical considerations. Subsequent chapters detail diverse technologies and disease-specific treatment for Parkinson's disease, essential tremor, dystonia, OCD, epilepsy, major depression, Tourette syndrome, emerging psychiatric indications, and pediatric applications.

**Key highlights**

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

DBS has helped thousands of patients with intractable conditions, allowing for a programmable therapy with durable treatment effect. This remarkable guide provides the essentials for functional neurosurgeons to pursue intraoperative research opportunities in this growing subspecialty and incorporate DBS into clinical practice.


**Competition**


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Controversies in Skull Base Surgery

**Editors**

Andrew S. Little, MD, is Director, Barrow Skull Base Program, Surgical Director, Barrow Pituitary Center, and Associate Professor of Neurosurgery, Barrow Neurological Institute, St. Joseph’s Hospital and Medical Center, Phoenix, Arizona, USA.

Michael A. Mooney, MD, is a Neurosurgical Resident, Barrow Neurological Institute, St. Joseph’s Hospital and Medical Center, Phoenix, Arizona, USA.

**Description**

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

Advances in endoscopic, microsurgical, radiosurgical, and pharmacotherapeutic strategies have revolutionized the treatment of skull base pathologies. *Controversies in Skull Base Surgery*, edited by Andrew Little and Michael Mooney and authored by esteemed multidisciplinary contributors, focuses on management strategies and treatment options for a wide range of tumors affecting the skull base, while addressing the most urgent and challenging questions facing skull base surgeons today.

Throughout nine sections and 46 chapters, experts describe the treatment of neoplasms such as vestibular schwannoma, meningioma, pituitary adenoma, craniopharyngioma, chordoma, cranial nerve schwannoma, sinonasal malignancies, and others. In many chapters, authors provide instructional case studies and suggestions for future studies to help clarify areas of controversy. This textbook is unique in that it tackles problems typically minimized or ignored by other texts that impact a patient’s quality of life and recovery.

**Key Highlights**

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

This stellar resource will benefit all residents and advanced practice providers who evaluate and treat patients with skull base pathologies, including neurosurgeons, otolaryngologists, and radiation and medical oncologists.

This book includes complimentary access to a digital copy on [https://medone.thieme.com](https://medone.thieme.com).
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TITLE | Pediatric Endoscopic Endonasal Skull Base Surgery  
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MEDIA CONTENT | Complimentary MedOne eBook and Videos

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LEVEL | Residents and above

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DESCRIPTION

**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, only chapters within pediatric or skull base books.

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The brainstem is one of the last bastions of surgical prohibition because of its densely packed ascending and descending tracts and nuclei carrying information to and from the brain. Although 10% of all pediatric tumors and 5% of all vascular anomalies occur in the brainstem, neurosurgeons have traditionally resisted dissecting lesions in this area. Recent advances in imaging, microscopy, anesthesia, and operative techniques have expanded the treatment paradigm for this most eloquent region of the brain.

Surgery of the Brainstem, by internationally renowned neurosurgeons Robert F. Spetzler, M. Yashar S. Kalani, and Michael T. Lawton, along with an impressive cadre of global experts, is a comprehensive guide to managing disorders of the brainstem, thalamic region, and basal ganglia. Organized in seven sections with 33 chapters, the text opens with four sections covering a variety of topics. Section I presents the history of brainstem surgery; Section II examines anatomy, development, and pathology; Section III reviews patient examination, imaging, and monitoring; and Section IV provides a succinct overview of surgical approaches. Sections V-VII cover a wide range of adult and pediatric tumors, ischemia, stroke, aneurysms, arteriovenous malformations, and cerebral cavernous malformations. More than 500 high-quality clinical images, medical illustrations, and online videos enhance the text.

Key Highlights

- A full spectrum of treatment modalities and outcomes, including open surgery, endoscopic approaches, stereotactic radiosurgery, radiotherapy, endovascular techniques, and revascularization
- An anatomy chapter featuring stunning Rhoton-style anatomical dissections delineates critical landmarks in the brainstem, thalamus, pineal region, and cranial nerves
- Detailed discussion of patient positioning and exposure of various brainstem domains
- Pearls on overcoming psychological, pathological, and anatomical barriers and managing complications
Understanding the basic anatomy, pathology, and clinical complexities of the brainstem and thalamic regions is essential for safe navigation and treatment. This remarkable book will provide neurosurgeons with additional insights on performing resections and achieving the best possible outcomes for patients with pathologic conditions in this delicate region.

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

### COMPETITION

There is no direct competition outside of Thieme books.

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

When the rare stroke strikes in children and youth, a likely cause is the idiopathic disease moyamoya, characterized by the slow and progressive stenosis and occlusion of the internal carotid artery and the arteries of the circle of Willis. A result of these stenoses is the formation of collaterals that are typically small and fragile, and liable to rupture.

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

Key Features:

- With contributions from the world's most renowned bypass surgeons
- Perioperative management and considerations
- An overall practical approach to this painstaking high-end surgery
- Detailed criteria for analyzing the situation and choosing the appropriate procedure
- General principles of bypass surgery, direct and indirect revascularization, and combined revascularization techniques
- Step-by-step descriptions of these procedures
- Rescue strategies when repeat surgery is necessary

Surgical Techniques in Moyamoya Vasculopathy is an indispensable guide for the experienced neurovascular surgeon.


COMPETITION

There is no direct competition; this is the only book on the market that focuses on the surgical treatment of this disease.

CONTENTS

- Section I: General Concepts
- Section II: Indirect Revascularization
- Section III: Direct Revascularization
**Editors**

Vasilios A. Zerris, MD, MPH, MSc, FAANS, is Professor of Neurosurgery, European University Cyprus, Nicosia, Cyprus; Chairman of Neurosurgery, Hygeia Hospital; Chairman of Pediatric Neurosurgery, IASO Children's Hospital, Athens, Greece; Diplomate of the American Board of Neurological Surgery, Woodbridge, Connecticut; and American Neurosurgical Associates, Nicosia, Cyprus.

**Description**

Robust ABNS exam prep and didactic review of the entire spectrum of neurosurgery from A to Z

The American Board of Neurological Surgery oral examination has undergone periodic review and revision over the years, with a new format instituted in spring 2017. This review book is specifically geared to the new format. The ABNS oral examination process is relevant, rigorous, and of value to the neurosurgical specialty and the public, ensuring neurosurgeons meet the highest standards of practice.

Neurosurgical Review: For Daily Clinical Use and Oral Board Preparation by Vasilios A. Zerris and distinguished contributors is a multimodal and a visually rich prep tool for the ABNS exam. The resource provides a unique approach to studying and melding online didactic materials with audio-enhanced charts. Readers can use the material as a complete online exam prep course with audio, or use the print version as a quick reference guide.

**Key Features**

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

This is an essential textbook for neurosurgical residents, fellows, and practitioners prepping for the ABNS boards. It also serves as a user-friendly refresher of fundamental knowledge all neurosurgeons need to know.

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

**Competition**


The perennial neurology classic, updated and expanded

The sixth edition of Duus’ classic *Topical Diagnosis in Neurology* builds on the clear, integrated presentation of anatomy, function, and disorders of the central nervous system that made it a success for almost over five decades, serving as a quick reference for practitioners and trainees alike. It elucidates the neuroanatomical pathways that lead to specific clinical syndromes, and demonstrates how comprehensive anatomical knowledge combined with a thorough neurological examination can help localize and categorize a lesion and arrive at a differential diagnosis.

The time-tested logical, thematic structure with useful summaries, at the beginning of each chapter, and color-coded section headings enable readers to distinguish neuroanatomical from clinical material at a glance and enable efficient and time saving study.

Features of the sixth edition:

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

Topical Diagnosis in Neurology is an ideal reference for neurologists and neuroscientists who correlate neurological diseases with anatomical location to arrive at a diagnosis or understand a clinical syndrome. It is also an essential tool for trainees and advanced students who need a solid grounding in key neurofunctional relationships.

This book includes complimentary access to a digital copy on [https://medone.thieme.com](https://medone.thieme.com).
Oculoplastic Surgery, Third Edition

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<td>LEVEL</td>
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EDITORS
Brian Leatherbarrow, BSc, MBChB, DO, FRCS, FRCOphth, is Honorary Consultant Ophthalmic, Oculoplastic & Orbital Surgeon, Manchester Royal Eye Hospital, Manchester, UK.

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.


COMPETITION


CONTENTS

Basic Principles
1 Surgical Principles
2 Applied Anatomy
Eyelid Surgery
3 Lower Eyelid Entropion
4 Upper Eyelid Entropion
5 Abnormal Eyelashes
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7 Blepharoptosis
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9 Facial Palsy
10 Eyelid and Periocular Tumors
11 Management of Malignant Eyelid and Periocular Tumors
12 Eyelid and Periocular Reconstruction
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Cosmetic Surgery
14 The Evaluation and Management of the Cosmetic Patient
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18 Orbital Disorders
19 Surgical Approaches to the Orbit
20 Thyroid Eye Disease
Lacrimal Surgery
21 The Diagnosis and Management of Epiphora
Socket Surgery
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25 The Management of Eyelid and Lacrimal Trauma
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27 Zygomatic Complex Fractures
28 Other Orbital Fractures
29 Traumatic Optic Neuropathy
**EDITOR**

Matthew M. Hanasono, MD, FACS, is Professor and Reconstructive Microsurgery Fellowship Program Director, Department of Plastic Surgery, The University of Texas MD Anderson Cancer Center.

Charles E. Butler, MD, FACS, is Chairman and Professor of Plastic Surgery, Department of Plastic Surgery, and the Charles B. Barker Endowed Chair in Surgery, The University of Texas MD Anderson Cancer Center.

**DESCRIPTION**

*The definitive resource on surgical flaps from renowned MD Anderson plastic surgeons*

*Handbook of Reconstructive Flaps* by Matthew Hanasono and Charles Butler reflects contributions from clinicians associated with the prestigious MD Anderson Cancer Center. The institution is internationally recognized as one of the world's premier reconstructive centers and renowned for its Reconstructive Microsurgery fellowship program. This unique resource provides a comprehensive review of microvascular surgery techniques using the most common reconstructive pedicle flaps, free flaps, perforator flaps, and workhorse flaps.

Seven parts organized anatomically detail flaps used for the head/neck, chest, back, abdomen, pelvis, upper extremity, and lower extremity, followed by an eighth part on lymphedema. Each flap or procedure includes pertinent anatomy, indications for usage, preoperative considerations, a concise step-by-step description of the operative setup, the actual procedure, and donor site closure.

**Key Features**

- A Pearls and Pitfalls section in each chapter outlines key concepts and critical nuances in surgical techniques or patient management
- More than 200 clear diagrams, line drawings, and illustrative surgical photos enhance understanding of high impact points
- High quality videos posted online elucidate flap techniques
- A section dedicated to the microsurgical treatment of lymphedema covers lymphovenous bypass, vascularized lymph node transfers from the groin and supraclavicular region, and lymphovenous anastomosis

This is an essential, user-friendly backpack reference for plastic surgery residents to use during rounds and as a board prep. It is also an excellent resource for plastic surgeons new to clinical practice and veteran practitioners as a refresher on unfamiliar flaps.

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

**COMPETITION**

All flap books

*iflap: Clinical Problem Solving in Reconstructive Surgery*, app by QMP, $94.99

Microsurgeon.org
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02 Paramedian Forehead Flap
03 Temporalis Muscle Flap
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**Plastic Surgery: A Practical Guide to Operative Care**

**Bruce A. Mast, MD, FACS**, is Maurice J. Jurkiewicz Professor and Chief of Plastic and Reconstructive Surgery, Department of Surgery, University of Florida College of Medicine, Gainesville, Florida, USA.

**DESCRIPTION**

An informative, go-to guide on common plastic surgery principles and practices

*Plastic Surgery: A Practical Guide to Operative Care* by Bruce Mast fills the gap between existing pocket handbooks and encyclopedic library shelf editions. The book is geared towards plastic surgeons early in their careers. The focus is on commonly encountered conditions and is not intended to be an all-inclusive resource. All the surgical chapters are uniformly organized, with discussion of goals and objectives, patient presentation, surgery preparation, treatment, postoperative care, outcomes, and questions.

The book is divided into eight sections, starting with science and principles which discusses impacted anatomy and different techniques such as grafts, flaps, microsurgery, lasers, and radiant energy. Subsequent sections cover skin and tissue conditions; pediatric plastic surgery; reconstructive and aesthetic craniofacial techniques; hand and upper extremity reconstruction; breast surgery inclusive of augmentation, mastopexy, reduction, reconstruction, and oncoplastic approaches; chest, trunk, and lower extremity reconstruction; and body contouring techniques including liposuction, abdominoplasty, and lower body lift.

**Key Features**

- Five post-reading questions at the end of every chapter provide readers the opportunity to think about what they read, thereby improving retention of newly acquired knowledge
- CME-type presentation formatting provides a robust learning and teaching tool
- Online videos elucidate procedures and convey additional didactic information
- More than 400 high quality illustrations enhance understanding of impacted anatomy and techniques

Highly practical, this is an essential surgical companion for medical students to consult during plastic surgery rotations and plastic surgery residents throughout residency. Plastic surgeons in the first five years of practice will also benefit from this user-friendly refresher.

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

**COMPETITION**


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01 Wound Healing: Science and Clinical Relevance
02 Hand and Upper Extremity Anatomy
03 Anatomy of the Lower Extremity
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06 Principles of Facial Aesthetics
07 Lasers and Radiant Energy in Plastic Surgery

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Section 8 Body Contouring
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44 Abdominoplasty
45 Lower Body Lift
46 Brachioplasty
47 Thigh Lift and Reduction
**DESCRIPTION**
In the past 5 years, wrist arthroscopy has become the third most common arthroscopic procedure, behind knee and shoulder. The method has evolved significantly over the past decade, providing a better understanding of disease mechanisms and applications. Authored by a renowned expert in the field of hand and wrist surgery, this second edition of *Wrist Arthroscopy Techniques* is a step-by-step, anatomically illustrated manual encompassing the latest concepts in the field, now greatly enhanced by 200 short videos, accompanying each illustration in the book.

Starting with an introduction about instrumentation and techniques, readers will gain insight into how an arthroscope enables precise visualization and analysis of the internal structural make-up of the wrist.

Each chapter provides a how-to, detailed procedural guide—from the point of incision to closure, accompanied by artfully drawn illustrations. The author shares clinical pearls and provides comprehensive explanations on treating specific conditions, including ligament tears and instability, complex fractures, dorsal and volar wrist ganglia, advanced arthritis, and fibrocartilage tears. Indications, risks, special precautions, and postoperative care are covered.

**Special Features:**
- 200 brilliant videos provide complete coverage of all procedures
- Meticulous explanation of anatomical structures
- Multiple surgical approaches included, where applicable
- Coverage of new minimally invasive arthroscopy
- Use of pyrocarbon implants, and bone and tendon grafts for reconstruction
- Analyses of postoperative range-of-motion, stability, and overall outcome

Whether you are a seasoned surgeon or an advanced fellow, *Wrist Arthroscopy Techniques* is certain to be consulted frequently. An invaluable and comprehensive resource tool covering the state-of-the-art arthroscopic techniques, it is a must-have for all hand and wrist surgeons and for orthopaedic and plastic surgeons and residents as well.

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

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### Top 3 Differentials in Nuclear Medicine
**A Case Review**

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**EDITORS**

Ely A. Wolin, MD, is a Lieutenant Colonel in the United States Air Force, and serves as Diagnostic Radiology Residency Program Director and Chief, Nuclear Medicine Services, David Grant USAF Medical Center; and is Assistant Professor of Radiology/Radiological Sciences, Uniformed Services University of the Health Sciences, Bethesda, Maryland.

**DESCRIPTION**

The highest-yield, most complete nuclear radiology exam prep and learning tool available today!

*Top 3 Differentials in Nuclear Medicine: A Case Review* by renowned nuclear radiologist Ely A. Wolin and esteemed contributors is one in a series of radiology case books mirroring the format of the highly acclaimed O’Brien classic, *Top 3 Differentials in Radiology: A Case Review*. The book is organized into 12 parts, with initial parts covering neuro, thyroid and parathyroid, cardiac, lung, hepatobiliary, gastrointestinal, genitourinary, and bone imaging. Latter parts focus on imaging of various inflammatory processes, infections, and neoplasms. The final part covers the important topic of quality control, which is essential for both American Board of Radiology (ABR) exam review and clinical practice.

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.

**Key Features:**

- More than 250 high-quality scintigraphic and radiologic images enhance diagnostic skills
- State-of-the-art nuclear imaging gamuts featuring F-18 FDG PET and SPECT
- 147 carefully selected nuclear radiology cases provide illustrative examples across all imaging modalities, delivering a robust, well-rounded nuclear medicine review
- A list of differential diagnoses provides an excellent curriculum guide for trainees and educators alike

Radiology residents, nuclear medicine residents and fellows, and staff radiologists preparing for certification will greatly benefit from reading this text as a radiology board review. This high-yield resource is also a must-have for all radiologists who utilize nuclear imaging in their practice.

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

**COMPETITION**


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Part 1: Neuro
Part 2: Thyroid and Parathyroid
Part 3: Cardiac
Part 4: Lung
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Part 7: Genitourinary
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Part 9: Infection and Inflammation
Part 10: Fluorine-18 Fluorodeoxyglucose Positron-Emission Tomography
Part 11: Tumor (not PET)
Part 12: Quality Control
Top 3 Differentials in Gastrointestinal Imaging: A Case Review

Rocky C. Saenz, DO, FAOCR

This book includes complimentary access to a digital copy on https://medone.thieme.com
CONTENTS

Part 1: Hepatobiliary
Part 2: Pancreas and Spleen
Part 3: GI Tract
Part 4: Mesentery and Vascular
Part 5: Abdominal Wall and Soft Tissues
EDITOR

Matthias Gutberlet is Professor of Cardiac Imaging and Director, Department of Radiology and Interventional Radiology, Heart Center Leipzig, University Hospital Leipzig, Leipzig, Germany

DESCRIPTION

A valuable new reference in the diagnosis and image-guided treatment of congenital heart defects

Congenital heart defects represent the most common birth defect and affect millions of children worldwide. Defects of the heart and great vessels span a broad spectrum. Modern medical progress has enabled more than 90% of patients to reach adulthood. In many cases, however, patients remain ill throughout their lives, with significant limits on quality of life and physical capacity. Our ongoing goals are to improve treatment options even further.

This book details all important imaging techniques for diagnosing congenital heart defect and assessing their severity. The author is a highly experienced expert in her fields, making her clinical experience available to readers who can then implement that knowledge in their own daily routine.

Key Features:

- All key imaging modalities, including 2D and 3D echocardiography, cardiac catheter exams, MRI and MR angiography, CT, and chest X-ray
- Descriptions of general and technical fundamentals, a structure based on clinical pictures, and current standard values
- Crucial information emphasized in callout boxes and tabular overviews
- Supports the professional dialogue between all the involved caretakers
- Richly illustrated with more than 1,000 stunning images from the newest generation of devices

Gutberlet’s Imaging of Congenital Heart Defects: Diagnosis and Image-Guided Treatment will be welcomed by pediatric and general radiologists as a comprehensive, multimodality guide to the diagnosis and management of congenital heart defects.


COMPETITION


CONTENTS

1 Cardiogenesis and Classification of Congenital Heart Defects
2 Surgical Treatment of Congenital Heart Defects
3 Technical Fundamentals of Diagnostic and Interventional Imaging
4 Clinical Pictures
5 Standard Values and Formulas
The ultimate how-to resource on shoulder surgery from internationally renowned experts

Shoulder problems related to degenerative conditions, sports injuries, or trauma comprise a significant percentage of orthopaedic surgery practice. Shoulder Surgery: Tricks of the Trade reflects collective expertise from Joshua Dines, David Dines and Lawrence Gulotta, renowned orthopaedic surgeons at the prestigious Hospital for Special Surgery in New York, and an impressive cadre of contributors.

The unique resource features practical advice from recognized experts, presenting surgical essentials in an easy-to-learn and reproducible manner. Seventy-three chapters present key aspects of shoulder surgery procedures — from subacromial decompression and acromioplasty — to pectoralis major repair. Each succinct chapter includes step-by-step procedural guidance, indications, management of complications, and other invaluable pearls, tips, and tricks of the trade.

- Repair and reconstructive approaches for calcific tendinitis; rotator cuff, SLAP, labral, and glenohumeral ligament injuries; osteoarthritis; and more
- Shoulder replacement procedures including partial humeral head, stemless anatomic, and the use of an augmented polyethylene glenoid component for posterior glenoid wear
- A full continuum of arthroplasty topics, from basics such as patient positioning and retractor placement — to state-of-the-art techniques to resolve complications and failed surgeries
- High quality surgical videos detail the latest arthroscopic approaches, such as patch augmentation of rotator cuff repair and fracture fixation

This is the most user-friendly orthopaedic shoulder surgery guide available today and a must-have quick reference for all orthopaedic residents, fellows, and surgeons who treat patients with shoulder conditions.


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73 Pectoralis Major Repair
User-friendly pediatric orthopaedic surgery reference distills clinical practice into essential facts!

This third edition of *Handbook of Pediatric Orthopaedics* by the renowned Paul Sponseller builds on prior editions with recent updates and treatment guidelines on pediatric bone and joint disorders. This compact handbook is a succinct, how-to manual covering a diverse spectrum of pediatric orthopaedic procedures. The book is organized by nine chapters, six of which are dedicated to specific disorder categories. An introductory chapter on anatomy and normal childhood development features norms for osseous and motor development, innervation, growth patterns, predictions, and new guidelines for assessing growth at the pelvis, foot, and hand.

Expanded content on skeletal growth, development, and systemic disorders and skeletal syndromes reflects the latest knowledge, such as imaging parameters, clinical treatment standards, and an algorithm for DDH treatment. Cutting-edge advances in the treatment of cerebral palsy, myelodysplasia, and spinal muscular atrophy are detailed in the chapter dedicated to neuromuscular disorders. Pediatric trauma content includes important updates on forearm and femur fractures, an outlined approach to each fracture, and a diagram showing how to reduce each type of Monteggia fracture.

**Key Features**

- A how-to bulleted guide that walks readers through common procedures including blocks, traction, special casts, aspiration, and arthrograms
- Height and weight multipliers, bone age diagrams, a Lenke classification chart, and the most common lab values are handy clinical references for day-to-day practice
- Clear, concise drawings, bulleted text, charts, graphs, and diagrams enhance clinical understanding

This is a must-have orthopaedic surgery manual for orthopaedic residents, fellows, and practitioners who treat childhood musculoskeletal disorders. Its compact size also makes it an ideal lab coat companion for medical students during orthopaedic rotations.

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

**COMPETITION**

The Manual of Fracture Management – Wrist examines the management of traumatic and reconstructive problems of the distal radius, distal ulna, and the carpals, the key components of the human wrist. In a rapidly changing field of practice, orthopedic care of wrist fractures and disorders is becoming ever more complex as new technologies, plates, and methods merge and evolve with existing principles and techniques. Ideal for both new and experienced hand, forearm, and upper extremity surgeons, the Manual of Fracture Management – Wrist includes the following key features:

- Case descriptions and treatment options for a wide variety of fracture and injury types, nonunions and malunions, osteoarthritis, and postoperative complications
- More than 2,000 high-quality illustrations and clinical images
- Access to an online video library of the key wrist surgical approaches.

As with the recently published Manual of Fracture Management – Hand, this publication comprises two major sections: an indepth outline of the major surgical approaches and principles used in wrist surgery, and a detailed description of common to complicated treatment procedures using clinical images from real patient cases. The reader might already have an understanding of the principles of bone healing and basic orthopedic surgery, however, the use of real cases for enhanced illustration adds an immediate and interesting touch to learning and is used to show the recommended procedure and when providing an alternative perspective.

AOTrauma is proud to bring you this worthwhile and highly informative medical text.

2 Carpals
3 Ulna
4 Radius
5 Reconstructions and treatment of complications

Appendix
Further Reading
AO/OTA Fracture and Dislocation Classification
The long and eagerly awaited third edition of this popular and compact textbook is here.

Often labelled an "exam bible" in its previous editions, Key Topics in Otorhinolaryngology provides a concise yet comprehensive overview that clinical students and trainees alike can use. It will serve as an ideal introduction to ENT and also prove to be a valuable revision aid for ENT examinations.

Conceived and edited by three very knowledgeable and highly respected ENT surgeons from the UK with a wealth of examining experience and an in-depth understanding of the British, European, and International examination formats and contents.

Key Features:

- Contents organised alphabetically in manageable sized chapters, covering individual topics in a systematic style with great clarity.
- Liberally updated to reflect new developments in the field – with 21 new chapters, and inclusive coverage of all sub-specialties in the discipline.
- An ideal introduction to the specialty for medical students, and an accessible source of reference for general practitioners and junior doctors covering ENT.
- It is insightful and succinct, whilst providing sufficient detail to be used as a valuable revision aid for those studying for post-graduate examinations in Otolaryngology and Head & Neck Surgery.

Key Topics in Otolaryngology is certain to become a much-used reference for students, primary healthcare physicians and surgical trainees alike.


COMPETITION


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109 Temporal Bone Cancer
110 Temporal Bone Fractures
Head and Neck Cancer: Management and Reconstruction, 2nd Edition

By Eric M. Genden, MD, MHA, FACS

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**


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Chapter 28: Drug Development in the 21st Century: Monoclonal Antibodies and Immunotherapy
Chapter 29: The Vessel-Depleted Neck: Microvascular Reconstruction
Chapter 30: Salvage Surgery: Minimizing Wound Complications
The cholesteatoma, strictly speaking a cyst and not a cancer, nevertheless shows expansive and destructive growth patterns that may give rise to serious symptoms and consequences, including fatality, not unlike those seen for malignant neoplasms.

The great challenge of therapy is to eradicate the pathologic growth while preserving hearing and other critical functions of the middle ear and petrous bone, respecting the proximity of vital neural and vascular structures, and the intricate three-dimensional relationships involved.

Mario Sanna's *Microsurgical Management of Middle Ear and Petrous Bone Cholesteatoma* is the ultimate illustrated guide to complete management of the cholesteatoma, including assessment of the full expansion and degree of destruction caused by the growths, and short- and long-term follow-up to assess and treat for recurrence.

**Key Features**

- Brilliantly illustrated with diagnostic images from otoscopy and radiology, both normal and pathological
- Step-by-step description of approaches and techniques for the procedures
- Special coverage of petrous bone cholesteatoma, which is less frequent than other forms but more difficult to diagnose and treat, with introduction and description of a new function-sparing procedure, the subtotal petrosectomy
**Microsurgical Management of Middle Ear and Petrous Bone Cholesteatoma** extends Mario Sanna’s passionate dedication to excellence in otologic teaching and training into this highly complex surgical area. Practitioners, residents, and fellows will find it indispensable.

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

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10 Problems and Solutions in Middle Ear Cholesteatoma Surgery  
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13 Management of Iatrogenic Injuries in Middle Ear Cholesteatoma Surgery  
14 Petrous Bone Cholesteatoma
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DESCRIPTION

The quintessential how-to guide on treating allergies for day-to-day practice

While encyclopedic tomes on the treatment of allergies have a place on the library shelves of otolaryngologists, *Handbook of Otolaryngic Allergy* provides a user-friendly office resource clinicians can consult on a daily basis. Written by Christine Franzese, Cecelia Damask, Sarah Wise, and Matthew Ryan, the book encompasses the basic science of allergies, essential knowledge, and how to perform each procedure.

Part one starts with basic immunology and allergic rhinitis definition and classifications, followed by discussion of sensitivities vs. clinical allergies, the unified airway concept, and different classes of inhalant allergens. Parts two and three detail all aspects of diagnosis and diverse skin testing methods such as Specific IgE testing. Subsequent parts discuss current treatment methods, allergy emergencies such as anaphylaxis, atopic disorders, and professional issues clinicians must tackle to successfully incorporate allergy treatment into practice.

Key Highlights

- The use of diverse types of pharmacotherapy including decongestants, anti-cholinergics, and antihistamines, as well as biologics, alternative medicines, and monosensitization vs. polysensitization
- Discussion of immunotherapy approaches including subcutaneous, sublingual, sublingual tablets, and oral mucosal
- Managing associated atopic disorders such as penicillin allergy, asthma, food allergies, eosinophilic esophagitis, and atopic dermatitis
- Worksheets with correct answers enable self-testing and accurate vial mixing/preparation
This user-friendly reference is a must-have companion for otorhinolaryngology residents and practitioners at any stage of their careers who treat patients with allergies.


COMPETITION  

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Part Seven: Advances in Allergy
Assessing and Treating Dysphagia: A Lifespan Perspective

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<tr>
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**EDITORS**
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Memorie M. Gosa, PhD, CCC-SLP, BCS-S, is Assistant Professor, Department of Communicative Disorders, The University of Alabama; and a Practicing Speech-Language Pathologist, Neonatal Intensive Care Unit, Druid City Hospital, Tuscaloosa, Alabama, USA.

**DESCRIPTION**
The definitive educational guide on the diagnosis and management of dysphagia across the full age continuum

Dysphagia presentation and treatment differs at various stages of life. *Assessing and Treating Dysphagia: A Lifespan Perspective* reflects significant knowledge and pearls from esteemed adult and pediatric swallowing disorders experts. Debra Suiter and Memorie Gosa have compiled a book of unique depth and breadth with contributions from communication science experts including speech-language pathologists and physicians. The textbook provides comprehensive coverage of swallowing disorders from birth to old age, including clinical, professional, and cultural ethical considerations.

Key Highlights
- Anatomy and physiology of swallowing, and compensatory, postural, and rehabilitation strategies
- Adult and pediatric specific chapters on swallow screenings, clinical evaluations, and technologies such as videofluoroscopic, fiberoptic endoscopic, and high-resolution manometry
- Pediatric-specific dysphagia related to premature birth, craniofacial syndromes, congenital heart disease, and cerebral palsy
- Adult-specific dysphagia related to neurodegenerative disease, stroke, traumatic brain injury, head and neck cancer, esophageal disease, pulmonary disease, and end of life

This is the only textbook on the market featuring complete coverage of the diagnosis and management of dysphagia across the lifespan. With content following Master's-level course curriculum, this is essential reading for graduate students as well as practicing clinicians in the fields of otolaryngology and speech language pathology.

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

**COMPETITION**
**CONTENTS**

01 Introduction  
02 Anatomy of Swallowing  
03 Physiology of Swallowing  
04 Adult Swallow Screening and Clinical Swallow Evaluations  
05 Pediatric Swallow Screening and Clinical Swallow Evaluations  
06 Adult Videofluoroscopic Swallow Evaluation  
07 Pediatric Videofluoroscopic Swallow Evaluation  
08 Adult Fiberoptic Endoscopic Evaluation of Swallowing  
09 Pediatric Fiberoptic Endoscopic Evaluation of Swallowing  
10 High-Resolution Manometry in the Evaluation and Treatment of Oropharyngeal Dysphagia  
11 Treatment: Compensatory, Postural, and Rehabilitation Strategies  
12 Bolus Modifications  
13 Tube Feeding  
14 Epidemiology of Prematurity  
15 Dysphagia in Craniofacial Syndromes  
16 Congenital Heart Disease  
17 Oropharyngeal Dysphagia in Children with Cerebral Palsy  
18 Behaviorally Based Feeding Problems  
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21 Dysphagia in Traumatic Brain Injury  
22 Head and Neck Cancer  
23 Artificial Airways and Swallowing  
24 Dysphagia in Esophageal Disease  
25 Dysphagia in Pulmonary Disease  
26 Considerations Emerging from the End of Life  
27 Clinical and Professional Ethics for the Speech-Language Pathologist  
28 Ethics: Cultural Considerations
Pediatric Audiology Casebook, Second Edition

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EDITORS

Jane R. Madell, PhD, FAAA, CCC-A/SLP, LSLS Cert AVT, is Director, Pediatric Audiology Consulting, New York, New York, USA.

Carol Flexer, PhD, FAAA, CCC-A, LSLS Cert AVT, is Distinguished Professor Emeritus, Audiology, School of Speech-Language Pathology and Audiology, The University of Akron, Akron, Ohio, USA; and Consultant in Pediatric Audiology.

Jace Wolfe, PhD, CCC-A, is Director of Audiology, Hearts for Hearing Foundation; and Adjunct Assistant Professor, Audiology, University of Oklahoma Health Sciences Center and Salus University, Oklahoma City, Oklahoma, USA.

Erin C. Schafer, PhD, FAAA, CCC-A, is Professor, Department of Audiology and Speech-Language Pathology, College of Health and Public Service, University of North Texas, Denton, Texas, USA.

DESCRIPTION

Leverages real-life cases to foster in-depth understanding of pediatric audiology

Pediatric Audiology Casebook, Second Edition is fully updated with more than 60 new cases presented in four sections, covering all facets of the diagnosis and management of hearing disorders in children. Renowned experts Jane R. Madell, Carol Flexer and rising stars Jace Wolfe and Erin C. Schafer have compiled an impressive compendium of basic to complex diagnostic cases, covering the most salient topics in the field. The book effectively bridges the gap between content knowledge and clinical application, enabling readers to put acquired theory into active practice by engaging in problem-based learning.

Key Features

- All cases include key information for diagnosing and managing pediatric patients: clinical history, audiologic testing, evaluative reader questions, thought-provoking answers, definitive diagnosis, recommended treatment options, and final outcome
- Expanded use of cochlear implants including implant performance issues
- Overcoming challenges—from family non-compliance and complicated mapping—to professional collaboration and multidisciplinary assessments

Paired with the best-selling textbook Pediatric Audiology: Diagnosis, Technology, and Management, Third Edition, this robust classroom duo is an essential resource for instructors and students alike. Acquire in-depth knowledge from the textbook, apply it to practical case studies, and achieve deeper understanding of the full spectrum of pediatric audiology.

There is no direct competition; this is the only book on the market that addresses pediatric audiology in a case-based fashion.

**CONTENTS**

1. Managing Mild Hearing Loss  
2. Newborn Follow-up  
3. Probable Enlarged Vestibular Aqueduct and Hearing Loss in a 6-Year-Old Child  
4. Being Mindful of "Mild"  
5. Minimal/Mild Bilateral Hearing Loss  
6. Management of Mild/Moderate Mixed Hearing Loss in a 2-Year-Old  
8. "Well-Baby" Burt  
9. Child with Late-Onset Mild to Moderate Hearing Loss  
10. Pfeiffer's Syndrome  
11. Probable Ménière's Disease in a 10-Year-Old Child  
12. Transient Auditory Neuropathy Spectrum Disorder or Delayed Auditory Maturation in a Well Baby  
13. Auditory Neuropathy Spectrum Disorder: Delayed Diagnosis  
14. Child with Progressive Hearing Loss  
15. School-Aged, Unidentified Minimal/Mild Hearing Loss  
16. What Was Missed?  
17. A Case of Progressive Vestibular Impairment  
18. Auditory Processing Evaluation: 12-Year-Old Male  
19. Hearing and Vestibular Loss in a 9-Month-Old Child  
20. Magnetic Bone Conduction Hearing Implant System  
21. Startle Epilepsy and Tinnitus Masking  
22. Hyperbilirubinemia  
23. CHARGE Syndrome  
24. Enlarged Vestibular Aqueduct with Fluctuating Hearing Loss  
25. Complex Audiologic Diagnostic Case  
26. Auditory Processing Evaluation: 8-Year-Old Female  
27. Unilateral Auditory Neuropathy Spectrum Disorder/Cochlear Nerve Aplasia  
28. Bilateral Microtia/Atresia with Mixed Hearing Loss  
29. Middle Ear Trauma: 4-Year-Old Girl  
30. Decreased Sound Tolerance (Misophonia)  
31. Congenital Profound Hearing Loss, Noonan's Syndrome, and Cochlear Implantation  
32. Cytomegalovirus  
33. Congenital Ossicular Chain Anomalies and Hearing Loss  
34. Auditory Neuropathy Spectrum Disorder  
35. A Complex Audiologic Case Demonstrating Professional Collaboration  
36. Multidisciplinary Assessment and Management of a Complex Case  
37. Sudden-Onset Hearing Loss with Bilateral Enlarged Vestibular Aqueducts  
38. Living in the Genome Generation: Biparental GJB2 Pathogenic Variants Detected by Expanded Carrier Screening—Outcome from Newborn Screening and Management of Child Following Audiologic Testing  
40. Borderline Cochlear Implant Candidate with EVA  
41. Determination of Bimodal/Bilateral Cochlear Implant Candidacy  
42. Considerations for Hearing Technology Intervention for Precipitously Sloping Hearing Loss in Children  
43. Teenager Rejecting Hearing Aids  
44. Facilitating Full-Time Hearing Aid Use in Children  
45. Progressive Hearing Loss  
46. Fitting Frequency-Lowering Technology to Children  
47. Removing Reluctance in Remote Microphone Use  
48. Poor Performance with a Cochlear Implant: A Case of Overinsertions  
49. Personal Roger System Fitting  
50. Hypoplastic Cochlear Nerve  
51. Complicated Mapping
A how-to-guide on providing an evidence-based, patient- and family-centered care service in speech-language pathology and audiology

Patient and family-centered care is a vital component of improving treatment satisfaction and measurable success. Patient and Family-Centered Speech-Language Pathology and Audiology focuses on teaching speech-language pathology and audiology students how to develop and incorporate this model into everyday practice. Carly Meyer, Nerina Scarinci, Louise Hickson, and an impressive array of international authors share personal experiences and pearls that prepare students with both scientific evidence and practical information for implementation. The content reflects a cross-collaborative approach, with contributions from speech-language pathologists and audiologists, as well as other health professionals including psychologists and occupational therapists.

Key Features:

- Professional topics including preparation and planning for patient- and family-centered care in the practice setting, needs assessments, multidisciplinary collaboration, and cultural and linguistic diversity
- Real-life cases, description of evidence-based patient outcomes, and firsthand insights included in each chapter
- Learning objectives, boxed features such as student activities and helpful tips, questions for consideration, and end of chapter summaries enhance retention and integration of knowledge
- 29 video case examples that include interviews with patients, families, and clinicians, as well as demonstrations of patient- and family-centered care in action


CONTENTS
1 Principles and outcomes of patient- and family-centered care
2 Getting ready to be a patient- and family-centered clinician
3 Getting the environment ready for patient- and family-centered care
4 Planning a patient- and family-centered approach to service delivery
5 Identifying patient and family member needs through assessment
6 Meeting patient and family member needs through collaborative management planning
7 Consideration of cultural and linguistic diversity in patient- and family-centered care
Ensure readiness for the USMLE® or any other high-stakes exam covering clinical anatomy!

Thieme Test Prep for the USMLE®: Clinical Anatomy by Mark Hankin, Dennis Morse, Judith Venuti, and Malli Barremkala features over 600 USMLE®-style multiple choice anatomical questions, classified as easy, moderate, and difficult, with detailed explanations. Chapters are organized by organ system and questions are categorized by anatomical region. Questions begin with a clinical vignette and are based on actual case reports, often incorporating patient and diagnostic images.

Key Highlights

- Award-winning Thieme anatomical illustrations used extensively in both questions and explanations provide exceptional clarity
- In-depth coverage of the lymphatic and endocrine systems
- Approximately 25% questions 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.

Be prepared for your board exam with the Thieme Test Prep for the USMLE® series!

Das: Histology and Embryology Q&A
Das and Baugh: Medical Neuroscience Q&A
Fontes and McCarthy: Medical Biochemistry Q&A
Harriott et al: Medical Microbiology and Immunology Q&A
Kemp and Brown: *Pathology Q&A*
Waite and Sheakley: *Medical Physiology Q&A*

Visit [www.thieme.com/testprep](http://www.thieme.com/testprep) to learn more about our online board review question bank.

**COMPETITION**  

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Chapter 2 Musculoskeletal System  
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Chapter 5 Urinary System  
Chapter 6 Digestive System  
Chapter 7 Female Reproductive System  
Chapter 8 Male Reproductive System  
Chapter 9 Endocrine System  
Chapter 10 Lymphatic System
Clinical Neuroanatomy: A Case-Based Approach

1st Edition

Douglas J. Gould, PhD, is Professor of Neuroscience and Chair, Department of Foundational Medical Studies, Oakland University William Beaumont School of Medicine, Rochester, Michigan, USA.

Gustavo A. Patino, MD, PhD, is Assistant Professor, Department of Foundational Medical Studies and Department of Neurology, Oakland University William Beaumont School of Medicine, Department of Biomedical Sciences, Rochester, Michigan, USA.

DESCRIPTION

Practical, case-based resource helps students integrate content from neuroanatomy and clinical courses

Clinical Neuroanatomy: A Case-Based Approach by Douglas Gould and Gustavo Patino presents nervous system anatomy in a clinically-integrated manner, making it an ideal learning tool for medical students. Forty-seven succinct patient presentations feature a step-by-step walk-through of the lesion localization, correlating neuroanatomy with signs and symptoms. Each consistently organized case also includes the patient complaint, salient medical history, physical exam findings, discussion of symptoms, differential diagnoses, and potential tests.

Key Highlights

- High-yield, patient-focused vignettes challenge students to "find the lesion" and propose differential diagnoses
- Images provide an illustrative review of relevant anatomy and impacted pathways
- A visually-rich appendix provides a quick anatomical guide to upper and lower motor neuron manifestations, the central nervous system, and lesion locations
- Questions at the end of each section help students develop the ability to apply anatomy knowledge to the clinical setting

This is a must-have resource for medical students and clinicians seeking to apply neuroanatomy concepts to the initial patient approach. It is also an invaluable prep tool for the USMLE® or any other high-stakes exam covering neuroanatomy.


COMPETITION


CONTENTS

Section I: Muscle Weakness
1. Loss of strength in the hands (chronic)
2. Intermittent muscle weakness
3. Loss of strength with numbness and tingling (acute)
4. Generalized loss of strength (chronic)

Section I Questions

Section II: Pain
5. Pain in hands and feet (chronic)
6. Pain over one hemibody (subacute)
7. Pain in one upper limb (chronic)

Section II Questions

Section III: Peripheral Nervous System
8. History of falls and erectile dysfunction (chronic)
9. Wrist weakness (acute)
10. Upper limb pain (acute)
11. Hip pain and weakness in one leg (acute)
12. Pain and numbness in one hand (subacute)
13. Foot drop (chronic)

Section III Questions

Section IV: Autonomic nervous system
14. Difficulty breathing with muscle cramps and abdominal pain (acute)
15. Headache, palpitations, and sweating (chronic)
16. Headache, face and neck pain (acute)

Section IV Questions

Section V: Spinal Cord and Roots
17. Loss of vision and tingling in the lower limbs (acute)
18. Weakness and instability (chronic)
19. Back pain (acute)
20. Neck pain (chronic)
21. Neck pain and urinary incontinence (chronic)
22. Back pain and urinary incontinence (subacute)

Section V Questions

Section VI: Brainstem
23. Dizziness and inability to walk (acute)
24. Generalized paralysis (acute)
25. Blurry vision and tremor of one hand (acute)
26. Palatal contractions (acute)

Section VI Questions

Section VII: Cranial Nerves
27. Vision loss (acute)
28. Blurry vision (acute)
29. Headache, eye pain, and blurry vision (chronic)
30. Blurry vision subsequent to periorbital pain (acute)
31. Intermittent blurry vision (subacute)
32. Facial pain (acute)
33. Facial palsy (acute)
34. Episodic dizziness (acute)
35. Dizziness with nausea (acute)
36. Difficulty speaking (chronic)

Section VII Questions

Section VIII: Cerebellum, Basal Nuclei, and Hypothalamus
37. Loss of coordination (acute)
38. Difficulty initiating movement (chronic)
39. Involuntary movements of one hemibody (acute)
40. Frequent urination and constant thirst (acute)

Section VIII Questions

Section IX: Cerebral Hemispheres
41. Loss of sensation over one hemibody (acute)
42. Difficulty speaking (acute)
43. Inability to get dressed (acute)
44. Loss of memory (chronic)
45. Changes in personality (chronic)
46. Loss of coordination and genitourinary symptoms (chronic)
47. Somnolence, headache, and blurry vision (acute)

Section X: Questions
Histology: An Essential Textbook is a concise, multimedia study guide for medical students who need to learn the functions and related correlations of cells, tissues, and organs of the human body. Professor D.J. Lowrie, Jr. has written a unique and practical medical histology resource based on self-directed modules originally created to replace live histology laboratory sessions. This resource will help medical students learn how to identify histological structures on slide preparations and electron micrographs. Short videos by the author, who demonstrates structures via digitized histology slides, provide additional guidance.

Shorter, targeted concepts and brief explanations accompanied by numerous illustrations, self-assessment quizzes, and videos demonstrating key features of histological structures set this resource apart from existing, text-dense books.

Key Features

- Approximately 600 images, consisting primarily of electron and light micrographs, aid in identification of histological structures and long-term retention
- Correlation of histological structure with other basic science disciplines, such as gross anatomy, embryology, and pathology allows students to integrate material effectively
- About 350 online multiple choice questions and answers mirror exam topics students frequently encounter in curriculum and the USMLE®
- Nearly 375 videos provide a personal tutor that teaches students histological structures, while providing tips for proper identification

This is a must-have self-study guide for medical students, as well as a stellar teaching tool for instructors.


COMPETITION


CONTENTS

1. Introduction to Microscopy and the Cell
2. Nucleus
3. Cytoplasm
4. Epithelial Classification
5. Epithelial Specializations
6. Epithelia – Glands
7. Connective Tissue Overview
8. Generic Connective Tissues
9. Adipose Tissue
10. Cartilage
11. Bone Histology
12. Bone Development
13. Skeletal Muscle
14. Cardiac and Smooth Muscle
15. Neural Tissue
16. Cardiovascular Overview
17. Blood
18. Hematopoiesis Overview
21. Bone Marrow and Thymus
22. Diffuse Lymphoid Tissue
23. Lymph Nodes
24. Spleen
25. Vasculature
26. Heart
27. Integument
28. Gastrointestinal Overview
29. Intestines
30. Oral Cavity
31. Pharynx, Esophagus, and Stomach
32. Pancreas
33. Liver and Gall Bladder
34. Kidney Overview
35. Kidney – Renal Tubules
36. Kidney – Renal Corpuscle
37. Extrarenal Passages
38. Upper Respiratory System
39. Lungs
40. Pituitary Gland
41. Adrenal Gland
42. Thyroid and Parathyroid glands
43. Testis and Genital Ducts
44. Male Accessory Structures
45. Ovary
46. Oviduct, Uterus, and Vagina
47. Mammary Gland
48. Placenta and Umbilical Cord
# Oral Surgery for Dental Students

## A Quick Reference Guide

### 1st Edition

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**Editors**

Jeffrey A. Elo, DDS, MS, FACS, FACD, FICD, is Professor, Division of Oral and Maxillofacial Surgery, College of Dental Medicine, Western University of Health Sciences, Pomona, California; and Assistant Professor, Department of Oral and Maxillofacial Surgery, Loma Linda University School of Dentistry, Loma Linda, California.

Alan S. Herford, DDS, MD, FACS, FACD, FICD, is Professor and Chairman, Department of Oral and Maxillofacial Surgery, Loma Linda University School of Dentistry, Loma Linda, California.

**Description**

Portable, user-friendly reference covers the most essential oral surgery information!

Oral Surgery for Dental Students: A Quick Reference Guide by nationally recognized oral and maxillofacial surgeons and educators Jeffrey A. Elo and Alan S. Herford focuses on essential oral surgery-related topics and management of patients in general dental practice. Well-rounded perspectives are reflected in contributions from dental students, an oral and maxillofacial surgery resident, an oral and maxillofacial radiologist, an oral and maxillofacial pathologist, and an author/anatomist.

**Key Features:**

- Step-by-step chapters with clinical images and online videos detail instrumentation, posture/ergonomics, and proper techniques of dental extraction
- In-depth chapters on radiographic analysis and interpretation, common oral pathologies/lesions, medical emergencies, and co-occurring patient health issues, including protocols and case studies
- Sample note writing and new patient scripts provide unique tutorials for dental students, residents, and new dentists

This quintessential clinical learning tool also provides a quick procedural review prior to treating dental/surgical patients.

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

**Competition**


**Contents**

1 Infection Control
2 Time Out Policy: Correct Patient, Correct Procedure, Correct Site
3 Anatomy of Local Anesthesia for Dentistry
4 Common Oral Lesions
5 Essentials of Dental Radiographic Analysis and Interpretation
6 Odontogenic Infections
7 Dentoalveolar Surgery
8 Antibiotics
9 Pharmacology for the Dental Practitioner
10 Management of Patients on Anticoagulants and Antiplatelet Medications
11 Hypertension guidelines
12 Management of Medical Emergencies
13 Management of Pregnant Patient
14 Prescription Writing
Manual Trigger Point Therapy
Recognizing, Understanding and Treating Myofascial Pain and Dysfunction
1st Edition

| PRICE  | $149.99 |
| ISBN   | 9783132202917 |
| PUBLICATION DATE | May, 2019 |
| FORMAT | Hardcover · 1178 Illustrations · 712 Pages · 7.625 X 10.625 IN |
| MEDIA CONTENT | Complimentary MedOne eBook and Videos |
| SPECIALTY | Physical Therapy |
| LEVEL  | Students and physical therapists (who treat pain and musculoskeletal conditions), manual therapists, osteopaths, massage therapists, occupational therapists |

EDITORS
Roland Gautschi is Senior Instructor at the Institute for Myofascial Trigger-Point Therapy (IMIT), Baden, Switzerland.

DESCRIPTION
Treating pain where it originates!

Manual trigger point therapy combines mechanical, reflex, biochemical, energetic, functional, cognitive-emotional, and behaviorally effective phenomena. As such, it influences not only peripheral nociceptive pain, but also intervenes in the body’s pain-processing and transmission mechanisms.

Here you will learn: a systematic, manual-therapeutic approach to recognize and deactivate the potential of trigger points to cause pain and dysfunction; how to treat the accompanying fascial disorders; and how to prevent recurrences.

Key Features:

- Clinical background of myofascial pain and dysfunction
- Muscles, trigger points, and pain patterns at a glance
- Neuromuscular entrapments shown in detail
- Screening tests und pain guides for all common clinical patterns
- Manual treatment of trigger points and fasciae

Manual Trigger Point Therapy is your one-stop, comprehensive introduction to this fascinating, proven technique.


COMPETITION

CONTENTS
1 Introduction
2 Myofascial Trigger Points
3 Trigger Point Induced Disturbances
4 Diagnosis of Myofascial Pain
Written by a multidisciplinary team of experts, *Spinal Injection Techniques* presents the most effective methods for injecting pharmaceuticals to address acute and chronic pain originating from the cervical spine to the sacrum. This new, second edition has been extensively revised and updated with replacement of many images and addition of an extended chapter with tips and tricks on diagnostic and clinical examination. The authors’ emphasis is on techniques that represent viable alternatives to spine surgery and do not rely on diagnostic imaging.

The first section of the book provides a general overview of the basic principles, diagnostics, and causal as well as symptomatic pain therapy for the spine. The second section, created in an atlas format, includes chapters on spinal anatomy and pain signaling, techniques for injection therapy of the cervical, thoracic, and lumbar spine, management of potential complications and side effects, and multimodal spine therapy. Illustrated using real-life photographs from the authors’ practice, each technique-related chapter guides the reader step-by-step and with great confidence through the injection procedures.

**Highlights:**

- Provides detailed coverage of injection therapy using anatomic landmarks, without the use of image guidance
- Features minimally invasive spine therapy for inpatient and outpatient settings, with concomitant pharmaceutical treatments
- Includes essential information on contraindications and patient consent
- More than 500 color illustrations and photographs demonstrating the relevant anatomy, patient positioning, and accurate needle placement

Conceived as a practical guide and useful compendium, *Spinal Injection Techniques* is invaluable for orthopedists and practitioners in physical medicine and rehabilitation. It is also a handy reference for anesthesiologists, neurologists, and rheumatologists with a specific interest in pain therapy for the spine.

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

I General Section
Chapter 1: Basic Principles
Chapter 2: Diagnostics
Chapter 3: Causal Orthopedic Pain Therapy
Chapter 4: Symptomatic Pain Therapy

II Atlas Section
Chapter 5: The Spine: Anatomy, Nociception, and the Distribution of Pain Signals
Chapter 6: Special Orthopedic Injection Therapy: Contraindications and Patient Information
Chapter 7: Cervical Injection Therapy
Chapter 8: Thoracic Injection Therapy
Chapter 9: Lumbar Injection Therapy
Chapter 10: General and Specific Complications and Treatment Measures
Chapter 11: Multimodal Spinal Therapy
Chapter 12: Summary
### Description

The use of light in organic synthesis, more specifically the use of visible light in photoredox catalysis, has developed rapidly over the last 15 years and it is now time to define its impact on the field. Aimed at both newcomers to the field and experts alike, *Photocatalysis in Organic Synthesis* introduces the important basic concepts of photophysics and describes typical laboratory set-ups for photoredox catalysis, thus enabling instant and reliable application of these new synthetic tools. Key photocatalytic transformations are discussed in detail, including representative experimental procedures, followed by a collection of industrial case studies. Rather than aiming for a comprehensive coverage, solutions are presented for challenging transformations in synthesis that employ visible light and suitable dyes. To this end, the authors, a team of pioneers and leaders in the field, discuss both the practical and conceptual aspects of this rapidly growing area of synthetic chemistry. A primary objective is to present a collection of the most useful, practical, and reliable methods of photocatalysis to a wider audience.

### Contents

1. Introduction
2. Photocatalysis: The Principles
3. Practical Aspects of Photocatalysis
4. Photocatalytic Oxidative C-C Bond Formation
5. Decarboxylative Coupling Reactions
6. Proton-Coupled Electron Transfer
7. Organocatalysis with Amines in Photocatalysis
8. Copper-Based Photocatalysts for Visible-Light-Mediated Organic Transformations
9. Gold in Photocatalysis
10. Palladium in Photocatalysis
11. Nickel in Photocatalysis
12. Acridinium Dyes and Quinones in Photocatalysis
13. Flavins in Photocatalysis
14. Organic Dyes in Photocatalytic Reductive C-H Arylations
15. Silicates in Photocatalysis
16. Photocatalytic Cycloadditions
17. Photocatalytic Carbon-Heteroatom Bond Formation
18. Photocatalytic Introduction of Fluorinated Groups
19. Heterogeneous Photocatalysis in Organic Synthesis
20. Photocatalysis in the Pharmaceutical Industry
**Editors**

Michaela Kreckmann, MD, is a pediatrician in private practice in Saarbrücken, Germany.

**Description**

*Sharpen your diagnostic and problem-solving skills with these 85 selected pediatric teaching cases, fully detailed and illustrated*

Going well beyond the purely theoretical, this collection of cases will help you simulate the thought process you would engage when working with real patients. Supplemented by excellent color photographs and radiologic images, diagnostic imaging studies, lab results, tables and schematics, and more, the book is packed with valuable information that will help clear your way to greater confidence in managing your pediatric patients.

**Key Features:**

- Great clinical relevance with emphasis on a case- and problem-oriented approach
- Suggestions for questions to ask in taking the history
- Answer section with detailed commentary on the individual cases
- Cases highlighting social pediatrics, adolescent psychiatry, and pediatric surgery
- Training in the use of diagnostic imaging
- Helpful as a supplement when preparing for board examinations

Kreckmann's *Pediatrics: A Case Book* will be a valuable companion for students and interns preparing for clinical rotations and for pediatric board examinations as well.

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

**Competition**

*Case Files Pediatrics, 5th ed.*, Troy, 576 pages, McGraw-Hill, 2015, $28.00

**Contents**

- Case 1 Six-year-old boy with high fever, vomiting, and headache
- Case 2 Child with barking cough and dyspnea
- Case 3 Child with high fever and seizure
- Case 4 Apathetic infant with vertical skin folds
- Case 5 Two-year old girl with colic-like stomach pains and vomiting
- Case 6 Twelve-month old boy comes for health screening
- Case 7 Ten-year-old boy with painfully swollen knee
- Case 8 Girl with petechiae
- Case 9 Infant with projectile vomiting
- Case 10 Young girl with recurrent shortness of breath
- Case 11 Fourteen-month-old toddler with “runny ear”
- Case 12 Three-year-old boy who has had contact with chicken pox
- Case 13 Five-year-old girl with swollen jaw angle
Case 14 Severely ill infant with cough and shortness of breath
Case 15 Young girl with difficulty swallowing and fatigue
Case 16 Two-year-old boy with coughing fit and cyanosis
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Description
NANDA-I supplement provides in-depth insights on current and upcoming nursing diagnoses

This supplement to the NANDA International Nursing Diagnoses: Definitions and Classification, 2018–2020 (11th Edition) is a succinct, generously illustrated companion to the comprehensive textbook by T. Heather Herdman and Shigemi Kamitsuru. The 11th edition is the definitive guide on nursing diagnoses, as reviewed and approved by NANDA International (NANDA-I), the leading professional organization that develops, researches, disseminates, and refines nursing taxonomy.

This book is designed to give current users of the full text a "quick glance" into what is new in the latest edition and more in-depth information on key changes, including new diagnoses. Four chapters provide insightful commentary on changes, new categories, revisions, and taxonomy deletions; core issues that impact diagnoses; three types of clinical reasoning models: problem-focused, risk nursing diagnosis, and health promotion diagnosis; and 17 new nursing diagnoses.

Key Features
- Explanation of standardized terminology changes used in nursing diagnostic indicators, including defining characteristics, related factors, and risk factors
- The addition of visual flow charts enhances understanding of the essential steps required to make accurate diagnoses
- Discussion of conceptual issues the authors anticipate will require additional clarification in the upcoming 12th edition, including recommendations for modification

The must-have supplement enhances understanding, supports education, and facilitates implementation of important diagnostic changes in daily practice. All practitioners, including nursing students, professional nurses, nurse educators, nurse informaticists, and nurse administrators, who utilize the primary text will benefit from reading this companion piece.

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