2022 Quarter 1 Advanced Book Information

Featured Titles
- Nov-21 Tinnitus and Sound Sensitivity Casebook, 1st Edition
- Dec-21 Neurosurgical Diseases: An Evidence-Based Approach to Guide Practice, 1st Edition
- Feb-22 Video Atlas of Acute Ischemic Stroke Intervention, 1st Edition

Neurosurgery Titles
- Nov-21 Vascular Challenges in Skull Base Surgery, 1st Edition
- Jan-22 Tumors of the Spinal Canal: Surgical Approaches and Future Therapies, 1st Edition

Radiology Titles

Orthopaedic Titles

Otolaryngology Titles
- Mar-22 The Frontal Sinus: Surgical Approaches and Controversies, 1st Edition

Audiology Titles
- Feb-22 Tinnitus Treatment: Clinical Protocols, 2nd Edition

Other Titles
- Dec-21 Science of Synthesis: Click Chemistry, 1st Edition

Additional Information
- Out of Print Jan-Dec 2021
- Representatives & Exclusive Distributors
**DESCRIPTION**

*Tinnitus and sound disorder case studies provide invaluable guidance on enhancing quality and scope of patient care*

Tinnitus affects nearly one in 10 people around the world and tinnitus-related disabilities are considered among the most common chronic conditions reported. Historically, many patients with these conditions have been ignored, misunderstood, or misguided by medical, audiological, and/or online communities. *Tinnitus and Sound Sensitivity Casebook* by renowned audiologists and educators Suzanne H. Kimball and Marc Fagelson provides evidence-based strategies for clinical management of patients with tinnitus as well as sound intolerance disorders, based on a diverse array of case studies drawn from clinics.

The book is divided into three sections and 29 chapters, with insightful clinical pearls from 24 multidisciplinary authors. The first section includes 15 cases on a full spectrum of underlying medical conditions, patterns of occurrence, and tinnitus with normal hearing, followed by two cases covering hyperacusis associated with an acoustic shock and diplacusis. Section two details psychological correlates for tinnitus and disorders of sound intolerance, with practical treatment strategies and coping skills for misophonia, fear hyperacusis, hyponatremia, pediatric cases, psychogenic tinnitus and dizziness, and PTSD. The final section, ’Additional Considerations,’ includes two areas of practice currently growing in importance: patients with COVID who notice hearing changes and the co-occurrence of sound intolerance with normal pure-tone thresholds.

**Key Highlights**

- Background, references, and examples of specific conditions and interventions support audiology’s scope while providing options for the practitioner who works with an otherwise underserved patient population
- Each case study demonstrates the complexity of audiologic rehabilitation associated with tinnitus and disorders of sound tolerance, including challenging and unsuccessful outcomes
- Clinical history, test results, diagnosis, outcomes, questions, answers, items to support both patient and clinician self-efficacy, and key points enhance acquisition of knowledge, while encouraging problem-solving skills
This is an important textbook for every graduate course in the area of clinical audiologic practice that addresses patient management related to tinnitus and sound tolerance. It is also a must-have reference for practicing clinicians to improve management and outcomes of patients with tinnitus, hyperacusis, and misophonia.

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

**COMPETITION**


**CONTENTS**

**Section A: Medical Cases**

**I. Tinnitus**
1. Internet-Based Tinnitus Intervention
2. Chiari Malformation with Tinnitus and Hyperacusis
3. Tinnitus Treatment Following Acoustic Neuroma and Meniere's Disease: A Single Case Study
4. A Case of Pulsatile Tinnitus with Predictable Pattern of Occurrence
5. Otosclerosis with Tinnitus
6. Tinnitus Following Concussion
7. Tinnitus in a Case of Meniere's Disease
8. A Case of Normal Hearing with Tinnitus
9. Functional Audiogenic Seizure
10. Postconcussive Tinnitus and Hyperacusis
11. Tonic Tensor Tympanic Syndrome
12. Tinnitus Secondary to Barotrauma
13. Acoustic Shock Disorder
14. Acoustic Shock
15. Pulsatile Tinnitus

**II. Disorders of Sound Tolerance**
16. Hyperacusis and Military Noise Exposure
17. Diplacusis or the Affected Audiologist

**Section B: Psychological Correlates**

**I. Tinnitus**
18. Tinnitus and Misophonia in an Adolescent Patient
19. Severe Hyperacusis and Tinnitus
20. Tinnitus and Hyponatremia
21. 'Ellie': Psychological Management of Tinnitus in the Context of Pediatric OCD
22. Psychogenic Tinnitus and Dizziness
23. Tinnitus and Posttraumatic Stress Disorder

**II. Disorders of Sound Tolerance**
24. Poor Outcome in Misophonia Intervention despite Evidence-Based Intervention Strategies
25. LM ("Lisa"): Coping Skills Development for Misophonia
26. A Case of Early Adolescent Misophonia
27. Superhero Treatment for Sound Sensitivity

**Section C: Additional Considerations**

28. Normal Hearing
29. Tinnitus and CoVID-19
Editors

Leon T. Lai, MBBS, PhD, FRACS, is Associate Professor of Neurological Surgery, Department of Surgery, Monash University; and Head of Cerebrovascular Surgery and Skull Base Neurosurgeon, Department of Neurosurgery, Monash Health, Melbourne, Australia.

Cristian Gragnaniello, MD, PhD, is Assistant Professor of Neurological Surgery, Department of Neurological Surgery, University of Texas Health Science Center at San Antonio, San Antonio, Texas, USA.

Description

A structured, evidence-based approach to neurosurgical decision-making for brain pathologies

Evidence-based neurosurgery is one of the most important pillars upon which to build decision management pathways. Effective delivery of care involves understanding the natural history of the disease and the evidence behind available treatment options. Neurosurgical Diseases: An Evidence-Based Approach to Guide Practice by esteemed neurosurgeons Leon T. Lai, Cristian Gragnaniello, and expert contributors covers cranial pathologies neurosurgeons commonly encounter in everyday practice.

The book combines a structured approach to evidence-based neurosurgery with expert opinions, analysis of up-to-date clinical data, understanding of patient preferences and values, and firsthand experiences to facilitate translation of evidence into clinical practice. Twenty-seven consistently formatted chapters are each dedicated to a different disease state, including brain tumors, cerebrovascular disease, Cushing's disease, traumatic brain injury, trigeminal neuralgia, and normal pressure hydrocephalus. All chapters include an introduction, current statistics and data, natural history of the pathology, selected papers for further reading, procedural options and outcomes, and recommended treatment protocols from the authors.

Key Features

- Key content summarized in reader-friendly bullets, diagrams, tables, and illustrative figures enhances acquisition of knowledge
- Discussion of new developments including treatment recommendations for primary and metastatic brain tumors
- Statistical data on cerebral aneurysm treatment outcomes and recommendations for treatment
- New protocols for treating head trauma, closed head injuries, and spontaneous intracranial hemorrhage

This essential resource will help neurosurgical residents and junior neurosurgeons make challenging surgical treatment decisions for complex conditions, clearly and concisely and based on the best evidence.

None of the competition is comprehensive, covering all of neurosurgery. More books cover spine, or part of it, than cranial.

### CONTENTS

1. Natural History and Management Options of Recurrent Glioblastoma
2. Natural History and Management Options of Unruptured Brain Arteriovenous Malformation
3. Natural History and Surgical Management of Spontaneous Intracerebral Hemorrhage
4. Natural History and Management Options of Pineal Cyst
5. Natural History and Management Options of Colloid Cysts
6. Natural History and Management Options of Vestibular Schwannomas
7. Natural History and Management Options of Acromegaly
8. Natural History and Management Options for Cushing’s Disease
9. Natural History and Management Options of Traumatic Brain Injury
10. Natural History and Management Options of Angionegative Subarachnoid Hemorrhage
11. Natural History and Management Options of Low-Grade Glioma
12. Natural History and Management Options of Nonfunctional Pituitary Adenoma
13. Natural History and Management Options of Craniopharyngioma
14. Natural History and Management Options of Idiopathic Intracranial Hypertension
15. Natural History and Management Options of Chronic Subdural Hematoma
16. Natural History and Management Options of Unruptured Intracranial Aneurysms
17. Natural History and Management Options of Aneurysmal Subarachnoid Hemorrhage
18. Natural History and Management Options of Cerebral Cavernous Malformation
19. Natural History and Management Options of Skull Base Chordoma
20. Natural History and Management Options of Chiari 1 Malformation
21. Natural History and Management Options of Cranial Dural Arteriovenous Fistulas
22. Natural History and Management Options of Cerebral Metastases
23. Natural History and Management Options of Convexity Meningioma
24. Natural History and Management Options of Ruptured Brain Arteriovenous Malformation
25. Natural History and Management Options of Trigeminal Neuralgia
26. Natural History and Management Options of Cerebral Lymphoma
27. Natural History and Management Options of Normal-Pressure Hydrocephalus
**Editors**

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Adnan H. Siddiqui, MD, PhD, FACS, FAHA, FAANS, is Professor and Vice Chair, Department of Neurosurgery and Radiology; and Director, Neuroendovascular Fellowship Program, State University of New York, Buffalo, New York, USA.

**Description**

*The go-to resource for managing a full spectrum of clinical scenarios in acute ischemic stroke*

Ever-evolving technological advances have created a daunting number of emergent neurointerventional protocols and therapies for treating acute ischemic stroke. This has created an urgent need for reader-friendly, hands-on resources. *Video Atlas of Acute Ischemic Stroke Intervention* edited by renowned neurointerventional stroke experts Maxim Mokin, Elad I. Levy, Adnan H. Siddiqui, and esteemed contributors fills a void in education and knowledge with interactive, case-based guidance on mastering challenging stroke interventions. The atlas leverages current knowledge and decades of experience in acute stroke treatment and device innovations to familiarize clinicians at various career stages with a wide repertoire of techniques available in the neurointerventional suite.

The book focuses on technical aspects of interventional stroke procedures including pitfalls and complications, an overview of the most useful tools of the trade, and discussion of pre- and postprocedural care. Eighteen chapters provide comprehensive coverage on the most common endovascular treatment approaches for acute stroke—aspiration and stent-retriever thrombectomy of proximal, distal, and tandem occlusions. Several cases focus on recognition and management of complications that clinicians may encounter during emergent procedures. Topics include the importance of arterial access, unmet need in current devices, and methods for overcoming these challenges.

**Key Highlights**

- Thirty-eight individually narrated, high-definition videos describe angiographic and procedural cases, step by step
- High-quality illustrations emphasize and delineate key aspects of complex procedures
- Firsthand tips and tricks enhance the ability to manage highly challenging and less common pathologies, including arterial dissection, atherosclerosis, and venous strokes
This must-have resource will benefit all practitioners involved in the interventional care of patients with acute ischemic stroke.


**CONTENTS**

1 Clinical and Imaging Evaluation
2 Arterial Access
3 Challenging Access
4 Common Carotid Artery Occlusion
5 Internal Carotid Artery Occlusion
6 Internal Carotid Artery Dissection
7 Internal Carotid Artery Terminus Occlusion
8 Tandem Occlusion
9 Proximal Middle Cerebral Artery Occlusion—Stent-Retriever Thrombectomy
10 Proximal Middle Cerebral Artery Occlusion—Aspiration
11 Proximal Middle Cerebral Artery Occlusion—Angioplasty and Stenting
12 Distal Middle Cerebral Artery Occlusion
13 Anterior Cerebral Artery Occlusion
14 Vertebral Artery Occlusion
15 Basilar Artery Occlusion—Mechanical Thrombectomy
16 Basilar Artery Occlusion—Angioplasty and Stenting
17 Cerebral Venous Sinus Thrombosis
18 Management of Complications
Vascular Challenges in Skull Base Surgery

1st Edition

Price: $159.99
ISBN: 9781684200689
Publication Date: November 2021
Format: Hardcover · 410 Illustrations · 242 Pages · 8.5 X 11 IN
Media Content: Complimentary MedOne eBook and Videos
Specialty: Neurosurgery, Otolaryngology
Level: Residents and above with an interest in skull base surgery

Editors:
Paul Gardner, MD, is Professor and Peter J. Jannetta Endowed Chair, Department of Neurological Surgery, University of Pittsburgh School of Medicine, and Co-Director, UPMC Center for Cranial Base Surgery, Pittsburgh, Pennsylvania, USA.

Carl Snyderman, MD, MBA, is Professor, Department of Otolaryngology, University of Pittsburgh School of Medicine, and Co-Director, UPMC Center for Cranial Base Surgery, Pittsburgh, Pennsylvania, USA.

Brian Jankowitz, MD, is Associate Professor, Department of Neurological Surgery, and Director, Cerebrovascular Surgery, Perelman School of Medicine at the University of Pennsylvania, Philadelphia, PA, USA.

Description:
The essential multidisciplinary guide for the prevention and management of vascular injury from master skull base surgeons

Vascular injury is the most significant source of morbidity or mortality during skull base surgery, regardless of the surgical approach. While skull base approaches always placed arteries and veins at risk, newer endoscopic endonasal approaches have introduced new challenges for the prevention and management of vascular injury. Greater anatomic knowledge, additional surgical options, improved instrumentation, advances in interventional neuroradiology, and enhanced training all contribute to successful outcomes. Vascular Challenges in Skull Base Surgery by renowned skull base experts Paul Gardner, Carl Snyderman, Brian Jankowitz, and distinguished contributors, fills a gap in the literature, with invaluable guidance on managing rare but potentially catastrophic surgical complications.

The full range of surgical approaches to the anterior, middle, and posterior cranial fossae are covered in 22 chapters. Diverse topics encompass open and endoscopic endonasal surgical approaches, endovascular techniques including balloon test occlusion and embolization, and standard and alternative bypass procedures. The last three chapters discuss venous considerations, neurophysiologic monitoring, and the role of training and simulation in vascular injury prevention. Key learning points, illustrated discussion of relevant anatomy, and tips and tricks are targeted at helping skull base surgeons leverage practical strategies to improve patient outcomes.

Key Highlights:
- An impressive group of expert, highly-experienced surgeons share firsthand knowledge
- Insightful analyses of root causes and clinical pearls provide indispensable prevention tactics
- High-quality images and videos enhance visual understanding of surgical anatomy and techniques
Trainees and practicing skull base surgeons will greatly benefit from the collective knowledge and evidence-based injury avoidance strategies shared by authors who have learned to master the art of skull base surgery.


**COMPETITION**

There isn’t another book specific to the topic of vascular issues in skull base surgery. There are many skull base books, which cover the topic to some degree.

**CONTENTS**

1. Vascular Anatomy of the Head and Neck/Circle of Willis
2. Evaluation of Tumor-Involved Vasculature (Including Balloon Test Occlusion)
3. Embolization of Skull Base Tumors
4. Vascular Supply of Local-Regional Flaps in Skull Base Surgery
5. Bypass in the Treatment of Skull Base Tumors
6. Alternatives to Standard Bypass Techniques for Skull Base Tumors (Including Direct IMax Bypass)
7. Skull Base Approaches for Aneurysm
8. Endoscopic Endonasal Aneurysm Treatment
9. Dealing with Major Intraoperative Vascular Injury During Endonasal Approaches to the Anterior Skull Base
10. Dealing with Major Intraoperative Vascular Injury
11. Dealing with Major Vascular Injuries During Endonasal Posterior Fossa Surgery
12. Vascular Challenges in Anterior Skull Base Open Surgery
13. Dealing with Vascular Injury During Middle Fossa Surgery
14. Posterior Fossa During Open Skull Base Surgery
15. Perforator Injury During Endoscopic Endonasal Skull Base Surgery
16. Perforator Injury During Open Skull Base Surgery
17. Endovascular Options to Treat Iatrogenic Vascular Injury and Tumor Involvement of the Skull Base
18. Extracranial Anterior Cranial Base Surgery for Vascular Tumors
19. Extracranial Lateral Cranial Base Vascular Tumor Surgery
20. Venous Considerations in Skull Base Surgery
21. Neurophysiologic Monitoring and Its Role During Cerebrovascular Injury
22. Simulation and Training—Preparing for Vascular Injury


**Tumors of the Spinal Canal**

**Surgical Approaches and Future Therapies**

1st Edition

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**PRICE**
$169.99

**ISBN**
9781626239319

**PUBLICATION DATE**
January 2022

**FORMAT**
Hardcover · 249 Illustrations · 150 Pages · 8.5 X 11 IN

**MEDIA CONTENT**
Complimentary MedOne eBook

**SPECIALTY**
Neurosurgery

**LEVEL**
Residents and above

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**EDITORS**

Ankit I. Mehta, MD, FAANS, FACS, is a Neurosurgeon and Associate Professor, Director of Spinal Oncology; Associate Program Director, Neurosurgical Residency Program, Department of Neurosurgery; and Adjunct Professor of Chemical Engineering and Orthopedic Surgery, University of Illinois at Chicago, Chicago, Illinois, USA.

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**DESCRIPTION**

A state-of-the-art resource on current and future advances in the treatment of intradural spinal tumors

Tumors of the spinal canal provide unique challenges in terms of surgical approaches and oncological treatment. Management requires in-depth knowledge of the intricate anatomical relationships between the tumors and normal spinal pathways, restricted corridors of entry, and limitations of drug penetration. Over the past few decades, significant strides have been made in the treatment of these tumors. Development of minimally invasive techniques and greater understanding of these pathologies has resulted in improved safety, precision, and outcomes. *Tumors of the Spinal Canal: Surgical Approaches and Future Therapies* by Ankit I. Mehta and esteemed contributors is the most comprehensive textbook written to date on this topic.

The book starts with two opening chapters covering an overview and anatomy, followed by three sections and 11 chapters on intramedullary spinal tumors, intradural extramedullary tumors, and peripheral nerve tumors. The comprehensive review encompasses anatomy, pathophysiology, therapeutic and surgical advances, diverse surgical techniques, and future directions. Throughout the text, readers are provided with the necessary tools to master management of these clinically difficult tumors, from both a medical and surgical standpoint.

**Key Highlights**

- Treatment algorithms, clinical study summaries, and differential diagnoses presented in reader-friendly tables enhance acquisition and retention of knowledge
- Comprehensive analyses and pearls from masters provide insights on how to manage complications and improve patient outcomes
- Discussion of current research innovations, clinical trials, and future directions that have the potential to change the treatment paradigm

Neurosurgical residents, spine fellows, and complex spine surgeons will benefit from reading this resource, while the intradural spinal tumor treatment paradigms provide an invaluable clinical tool for neurooncologists and oncologists.

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

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**COMPETITION**

There is no current text on the market that specifically deals with spinal cord tumors.
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<td>13 Peripheral Nerve and Paraspinal Tumors: Future Directions of Therapy</td>
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Beautifully illustrated with high-quality ultrasound images, an ideal beginner’s guide; should be at hand in every ultrasound department.

Now in its third edition, the Color Atlas of Ultrasound Anatomy presents a comprehensive and systematic overview of normal sonographic anatomy of the abdominal and pelvic regions, essential for locating and recognizing the organs, anatomic landmarks and topographic relationships. In its practical, double-page format, images are arranged by organs in more than 250 “image quartets,” demonstrating the optimal location of the transducer on the body, the resulting sectional image, a drawing of the image with labels keyed to anatomic structures, and a small three-dimensional diagram showing the location of the scanning plane in the organ.

Special features:

- Many new illustrations and new series of ultrasound images, totalling more than 600 figures
- Now with coverage of the colon and the diaphragm as well as transvaginal and transrectal imaging of the ovaries and the testicles
- Helps grasp the relation between three-dimensional organ systems and their two-dimensional representation in ultrasound imaging
- Front and back cover flaps displaying normal sonographic dimensions of organs for easy reference

Covering all relevant anatomic structures, important measurable parameters, and normal values, and including both transverse and longitudinal scans, this pocket-sized reference is an essential, high-yield learning tool for medical students, radiology residents, ultrasound technicians, and medical sonographers.

Chapter 7: Adrenal Glands
Chapter 8: Stomach
Chapter 9: Bladder
Chapter 10: Prostate
Chapter 11: Uterus
Chapter 12: Thyroid Gland
**Description**

*The definitive practical reference on managing idiopathic scoliosis from world-renowned experts*

*Idiopathic Scoliosis: The Harms Study Group Treatment Guide, Second Edition*, edited by Peter O. Newton, Amer F. Samdani, Harry L. Shuflebarger, Randal R. Betz, and Jürgen Harms and written by an impressive group of experts reflects treatment advances made in the last decade. Greater understanding of the etiology and improved 3D anatomy has resulted in significant strides in clinical management of scoliosis. This richly illustrated book presents all facets of evaluation and treatment of abnormal curvature of the spine, supported by a solid foundation of evidence-based data culled from the prestigious Harms Study Group.

Divided into four sections and 31 chapters, this one-stop reference encompasses the full spectrum of surgical and nonoperative interventions—from early treatments to modern novel growth modulation techniques. In this second edition, each chapter has been updated and several new ones have been added, reflecting current literature, practice, and expert perspective. Throughout the book, masters share clinical pearls and firsthand knowledge on managing diverse types of adolescent idiopathic spinal deformity, with the common goal of improved patient outcomes.

**Key Highlights**

- Innovative topics include teamwork and safety in spine surgery, halo traction for large curves, anterior growth modulation, intraoperative neuromonitoring, and kyphosis restoration in scoliosis surgery.
- Surgical chapters follow a consistent layout, encompassing rationales, techniques, and outcomes.
• Postoperative chapters feature discussion of long-term clinical and radiographic outcomes, infections, complications, and rapid post-op recovery
• A wealth of illustrations enhance the reader's knowledge of specific techniques

This comprehensive textbook is essential reading for orthopaedic and neurosurgical residents, fellows, and researchers. Young spine surgeons embarking on their careers and senior surgeons who wish to remain up-to-date on new techniques for treating adolescent idiopathic scoliosis will also benefit from this illuminating resource.


COMPETITION
No direct up-to-date competition exists on the market.

Related Thieme titles:

CONTENTS

Section I. Evaluation and Management
1 History of Scoliosis Treatment
2 Etiological Theories of Idiopathic Scoliosis
3 Prevalence and Natural History
4 Clinical and Radiographic Evaluation of Patients with Scoliosis
5 Nonoperative Management of Adolescent Idiopathic Scoliosis
6 Classification of Adolescent Idiopathic Scoliosis for Surgical Intervention
7 Biomechanics and Correction of Scoliosis
8 Benefits of Teams and Teamwork in Spine Surgery Quality, Safety, and Value
9 Clinical Implications of Three-Dimensional Analysis

Section II. Surgical Considerations
10 Selective versus Nonselective Fusion for Adolescent Idiopathic Scoliosis
11 Selection of Fusion Levels
12 Posterior Correction Techniques in Adolescent Idiopathic Scoliosis
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15 Posterior Releases: Pontes and Three-Column Osteotomies
16 Surgical Treatment of the Right Thoracic Curve Pattern
17 Assessment and Management of Shoulder Balance
18 The Surgical Treatment of Lumbar and Thoracolumbar Curve Patterns (Lenke V)
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**EDITORS**  
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**DESCRIPTION**  
"This book will be a valuable resource for novice surgeons approaching one of the most challenging anatomical subsites, since it provides a stepwise approach to understanding the anatomical background, the radiological aspects, and the broad spectrum of different surgical approaches to the frontal sinuses. The authors are to be congratulated for this masterpiece, which will become the gold standard for experts and beginners." — Paolo Castelnuovo

Edited by renowned rhinologists and skull base surgeons Christos Georgalas and Anshul Sama, this complete guide to frontal sinus surgery covers surgical anatomy and radiology, frontal-specific pathology, surgical techniques, technical advancements, and controversies. It focuses on those starting surgical practice and it is also of interest to well-established surgeons.

This book brings together some of the leading surgeons across the globe to provide varied and complementary perspectives. The content is organized in five sections: surgical anatomy, specific conditions of the frontal sinus, open surgical approaches, endoscopic surgical approaches, and controversies.

**Key Features**

- More than 600 full-color images and diagrams illustrating surgical concepts and demonstrating detailed techniques
- Stepwise descriptions of surgical techniques with a “tips and tricks” section in each chapter drawn from the authors’ experience
- Clinical case presentations in each chapter illustrating key concepts and techniques
- A truly global and balanced perspective with world-leading authors from all continents
- Controversial topics analyzed from evidence-based medicine (EBM) perspective

This is a must-have resource for otolaryngology–head and neck surgery residents, fellows, and specialists that may also benefit neurosurgeons, maxillofacial surgeons, plastic surgeons, and other clinicians who deal with this challenging and complex area.

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

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- Chapter 2 Radiological Anatomy
- Chapter 3 Applied Surgical Anatomy

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- Chapter 5 Draf Frontal Sinusotomy I – IIa
- Chapter 6 Draf IIb
- Chapter 7 Draf IIc / Extended Draf IIb / Mini-Lothrop (uni-transseptal approach)
- Chapter 8 Frontal Sinus Rescue
- Chapter 9 Draf III Frontal Sinusotomy
- Chapter 10 Transseptal approach
- Chapter 11 Endoscopic endonasal orbital transposition for lateral frontal sinus
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- Chapter 43 Symptoms of Frontal Sinus Disease: Where is the evidence?
- Chapter 44 Anatomy and Classification of Fronto-ethmoidal Cells / Ostium or pathway?
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- Chapter 46 Indications for Operating in the Frontal Sinus – Primary Surgery or Always Second-line?
- Chapter 47 Economic and QOL evaluation of surgery versus medical treatment
- Chapter 48 Training models and techniques in frontal sinus surgery
The quintessential clinical guide for audiologists on tinnitus and hyperacusis patient management

Since publication of the first edition in 2005, new developments have impacted the treatment paradigm for tinnitus, such as sensory meditation and mindfulness. *Tinnitus Treatment: Clinical Protocols, Second Edition*, by world-renowned tinnitus experts and distinguished authors Richard S. Tyler and Ann Perreau provides comprehensive background information, up-to-date strategies, essential tools, and online supplementary materials grounded in years of clinical experience and research. It fills a gap in graduate education and available materials to empower audiologists to effectively treat patients suffering from bothersome to severely debilitating symptoms associated with tinnitus or hyperacusis.

The textbook includes 15 chapters, starting with three chapters on tinnitus models, treatment approaches, and self-treatment options. The next three chapters summarize counseling approaches for audiologists and psychologists, including introduction of the three-track psychological counseling program for managing tinnitus. Chapters 7 and 8 discuss the use of hearing aids in patients with hearing loss-related tinnitus and sound therapy using wearable devices. Chapter 9 covers smartphone apps for tinnitus assessment, management, and education and wellness, including discussion of limitations. The last six chapters provide guidance on tinnitus management topics including treating children, implementing outcome measures, hyperacusis treatment, and future directions.

Key Features

- New relaxation/distraction tactics including meditation, mindfulness, guided imagery, biofeedback, progressive muscle relaxation, art and music therapy, exercise, and exploration of new hobbies
- Treatment guidance for patients with tinnitus associated with Meniere's disease, vestibular schwannoma, unilateral sudden sensorineural hearing loss, and middle ear myoclonus
- Discussion and research-based evidence covering Internet-delivered self-help treatment strategies
- New supplemental videos, brochures, handouts, questionnaires, and datasheets enhance knowledge, scope of practice, and incorporation of effective approaches into clinical practice
This is a must-have resource for every audiology student and advanced courses, as well as essential reading for all audiologists who feel underprepared in managing tinnitus and/or hyperacusis.


**COMPETITION**


**CONTENTS**

1. Neurophysiological Models, Psychological Models, and Treatments for Tinnitus
2. Treating Tinnitus in Patients with Otologic Conditions
3. Internet-Delivered Guided Self-Help Treatments for Tinnitus
4. Tinnitus Activities Treatment
5. Three Track Tinnitus Protocol: Counseling emphasizing the patient, the clinician, and the alliance
6. The Psychological Management of Tinnitus-Related Insomnia
7. Optimizing hearing aid fittings for tinnitus management
8. Combining sound therapy with amplification
9. The Clinical Relevance of Apps for Tinnitus
10. Distractions, Relaxation and Peace with Tinnitus: Guided Imagery, Meditation, Mindfulness and More
11. Tinnitus in children
12. Measuring Tinnitus and Reactions to Tinnitus
13. Hyperacusis
14. Navigating Future Directions in Tinnitus Treatment
15. Establishing a Tinnitus and Hyperacusis Clinic
This reference work presents the state-of-the-art in the field of click chemistry, collecting the most useful, practical, and reliable methods.

Click chemistry is a discipline that has grown rapidly since the introduction of this term by Barry Sharpless and Huisgen approximately two decades ago. Initially, click reactions mostly involved copper-catalyzed azide-alkyne cycloadditions and their applications to connect molecules, but gradually new types of click reactions were developed which also allowed a much wider range of applications throughout the chemical, biological, and materials sciences. This volume provides an overview of the most widely used click reactions and their scope and limitations. Written by pioneers and leaders in the field and including representative applications and experimental procedures. Newcomers to the field are enabled to instantly apply these reactions in synthesis.

CONTENTS

1 Introduction
2 Copper-Catalyzed Azide–Alkyne Cycloaddition (CuAAC)
3 Ruthenium-Catalyzed Azide–Alkyne Cycloaddition (RuAAC)
4 Metal-Free Click Reactions between 1,3-Dipoles and Alkynes/Alkenes
5 Sulfur Fluoride Exchange (SuFEx)
6 Thiol-Based Click Reactions
7 Tetrazine-Based Cycloadditions in Click Chemistry
8 Sydnone-Based Cycloadditions in Click Chemistry
Electrosynthesis represents an increasingly viable platform for molecular synthesis, which is currently undergoing a remarkable renaissance. The use of electricity can, for instance, avoid chemical redox reagents as well as the generation of byproducts derived thereof, setting the stage for improved resource economy. This volume is the defining reference work for this rapidly evolving research arena. It features a collection of the most practical and robust methods of organic electrosynthesis. It introduces the key concepts of electrochemistry and provides all relevant laboratory set-ups, enabling newcomers to the field the effective application of these powerful new tools to molecular syntheses. Innovative strategies that successfully realize topical challenging transformations by the art of electrosynthesis are presented. Pioneers and leaders in the field discuss both the practical and conceptual aspects of this rapidly evolving research field.

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3 Methods and Materials Applied in Electrosynthesis
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