2020 Quarter 3 Advanced Book Information

**Featured Titles**
- Jul-20  Anatomy for Dental Medicine, 3rd Edition
- Jul-20  Male Aesthetic Plastic Surgery, 1st Edition
- Sep-20  Dermal Fillers: Facial Anatomy and Injection Techniques, 1st Edition

**Neurosurgery Titles**
- Apr-20  Neurosurgery Outlines, 1st Edition
- Aug-20  Minimally Invasive Spine Surgery: A Primer, 1st Edition

**Plastic and Reconstructive Surgery Titles**
- Jul-20  Plastic Surgery: A Practical Guide to Operative Care, 1st Edition
- Jul-20  Handbook of Reconstructive Flaps, 1st Edition
- Aug-20  Cosmetic Breast Surgery, 1st Edition

**Dermatology Titles**
- Jun-20  The Business of Dermatology, 1st Edition

**Radiology Titles**
- Jul-20  Venous Interventional Radiology, 1st Edition
- Jul-20  RadCases Plus Q&A Gastrointestinal Imaging, 2nd Edition
- Jul-20  Breast MRI Interpretation: Text and Online Case Analysis for Screening and Diagnosis, 1st Edition
- Aug-20  RadCases Plus Q&A Nuclear Medicine, 2nd Edition

**Orthopaedic Titles**
- Jul-20  Hand Surgery: Tricks of the Trade, 1st Edition
- Jul-20  Synopsis of Hip Surgery, 1st Edition

**Ear, Nose, and Throat Titles**
- Sep-20  Comprehensive Management of Skull Base Tumors, 2nd Edition

**Ophthalmology Titles**
- Aug-20  Strabismus Surgery: Innovative and Classic Approaches, 1st Edition

**Student Titles**
- Jan-20  Learning Microbiology and Infectious Diseases: Clinical Case Prep for the USMLE®, 1st Edition
- May-20  Thieme Review for the USMLE® Step 2: CS for IMGs, 1st Edition
- Sep-20  Biochemistry, Cell and Molecular Biology, and Genetics: An Integrated Textbook, 1st Edition
- Sep-20  Pharmacology: An Essential Textbook, 2nd Edition

**Chemistry Titles**
- Aug-20  Science of Synthesis: Knowledge Updates 2020/2, 1st Edition

**Other Titles**
- Jun-20  The Art of Cupping, 2nd Edition
- Jul-20  Guide to Periodontal Treatment Solutions for General Dentistry, 1st Edition
- Jul-20  The Surgical Handbook, 1st Edition
- Aug-20  Surgical Decision Making in Acute Care Surgery, 1st Edition

**Additional Information**
- Out of Print Jan-Jun 2020
- Representatives & Exclusive Distributors
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<td><strong>PRICE</strong></td>
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<td>July 2020</td>
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<td><strong>FORMAT</strong></td>
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**EDITORS**

- **Elisabeth K. N. Lopez, PhD**, Department of Basic Science and Craniofacial Biology, New York University College of Dentistry, New York, New York.

**DESCRIPTION**

*A visually-rich and clinically relevant anatomy resource for dental students*

*Anatomy for Dental Medicine, Third Edition* strikes an optimal balance between systemic and regional approaches to complex head and neck anatomy. Award-winning full-color illustrations, succinct text, summary tables, and questions put anatomical structures and knowledge into a practical context.

**Key Features**

- NEW! Additional radiologic images and landmark features throughout
- NEW! Reorganized brain/nerve sections
- NEW! Expanded clinical question appendix including patient box questions in the style of the INBDE
- NEW! Factual question appendix places greater emphasis on areas including the skull, larynx, cross sectional anatomy, body below the neck, and local anesthesia

Also included in this new edition:

- 1,200 clear and detailed full-color illustrations
- 150 tables for rapid access to key information
- Expanded captions detail key information and clinical correlations
- Appendix covering anatomy for local anesthesia
- Online images with “labels-on and labels-off” capability are ideal for review and self-testing

This is an essential resource for dental students and residents that also provides a robust review for the boards or dissection courses.

What users say about the Atlas of Anatomy:

“...I am impressed with the 2nd edition of the atlas because it provides multiple, complimentary paths to learning head and neck anatomy.”
*...organization is in an effective sequence that walks the learner through the anatomy in a layered, step-wise manner.*

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

**COMPETITION**

**CONTENTS**

**Head**
1 Embryology of the Head & Neck  
2 Cranial Bones  
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- Appendix B: Factual Questions & Answer Explanations  
- Appendix C: Clinical Questions & Answer Explanations
EDITORs

Anne M. Gilroy, MA, is Professor Emeritus, Department of Radiology, University of Massachusetts Medical School, Worcester, Massachusetts.

Brian R. MacPherson, PhD, is Professor and Vice Chair, Department of Neuroscience, University of Kentucky College of Medicine, Lexington, Kentucky.

Jamie C. Wikenheiser, PhD, is Associate Professor, Department of Anatomy and Neurobiology, UC Irvine School of Medicine, Irvine, California.

DESCRIPTION

Quintessential Atlas of Anatomy expands on widely acclaimed prior editions!

Atlas of Anatomy, Fourth Edition builds on its longstanding reputation of being the highest quality anatomy atlas published to date. With more than 2,000 exquisitely detailed illustrations, including over 120 new to this edition, the Atlas helps students and seasoned clinicians master the details of human anatomy.

Key Features:

- NEW! Expanded Radiology sections include over 40 new radiographs, CTs, and MRIs
- NEW! A more dissectional approach to the head and neck region places neck anatomy before that of the head – the way most students dissect
- NEW! Additional images and tables detail the challenging anatomy of the peritoneal cavity, inguinal region, and infratemporal and pterygopalatine fossae
- NEW! Almost 30 new clinical boxes focus on function, pathology, diagnostic techniques, anatomic variation, and more
- NEW! More comprehensive coverage clarifies the complexities of the ANS, including revised wiring schematics
- Also included in this new edition:
  - Muscle Fact spreads provide origin, insertion, innervation, and action
  - An innovative, user-friendly format: every topic covered in two side-by-side pages
  - Online images with “labels-on and labels-off” capability are ideal for review and self-testing

What users say about the Atlas of Anatomy:

“I can’t say enough how much I like the organization of this text. I think Thieme has ‘hit the nail on the head’ with structuring everything by region (Lower Limb) and sub-region (Ankle & Foot). It’s very easy to find what you’re looking for...”
‘The figures in the Atlas of Anatomy are exemplary and surpass other competing texts. The images are clear, precise, and aesthetically colored. The unique views presented in this work are also very helpful for studying a three-dimensional subject such as human anatomy.’


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The ultimate guide to aesthetic surgery from world famous aesthetic surgeon Foad Nahai

The Art of Aesthetic Surgery, Principles and Techniques, Third Edition by internationally revered aesthetic surgeon Foad Nahai, five distinguished co-editors, and more than 100 new contributors is an encyclopedic, three-volume masterwork. Considered the quintessential resource on cosmetic surgery since its inception, the new edition features an e-book and access to online videos for the first time. The updated text and videos reflect significant and numerous exciting developments in aesthetic medicine and surgery.

An impressive group of renowned global experts contribute valuable insights, pearls, and considerable expertise. Twenty new chapters feature a wealth of diverse state-of-the-art topics, while other chapters have been updated and greatly expanded. New areas of focus include practice management, volume enhancement in periorbital and facial rejuvenation, minimally invasive neck techniques, and body contouring procedures such as umbilicoplasty. Patient safety is prominent, with a major chapter on safety considerations in aesthetic surgery, as well as discussion of complications in different anatomic regions.
Key Highlights

- A state-of-the-art review of facial aesthetic surgery, with detailed coverage of all the key techniques needed to achieve facial rejuvenation
- The latest primary and revision breast surgery techniques for augmentation, reduction, mastopexy, fat grafting, and asymmetry management
- Significant new chapters on minimally invasive treatments reflect enormous changes in this field since the last edition
- The addition of two new dedicated sections on genital rejuvenation and gender affirming surgery
- About 6,000 beautiful illustrations enhance understanding of state-of-the-art approaches
- An expanded video library featuring 14 new clips and the addition of pre- and post-op patient images provides expert procedural guidance

This quintessential resource provides trainees and experienced practitioners with a solid foundation for learning basic principles and techniques in aesthetic surgery, with the ultimate goal of improving patient outcomes, developing innovations, and advancing the specialty.


COMPETITION

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EDUCATORS  
Douglas S. Steinbrech, MD, FACS, is the Founder of the New York Institute of Male Plastic Surgery; and Founding Partner/Plastic Surgeon, Gotham Plastic Surgery, New York, New York, USA.

DESCRIPTION  
The quintessential book on the rapidly expanding field of male aesthetic surgery from renowned experts!

During the past decade, there has been an exponential increase in the number of men undergoing aesthetic surgery in the U.S., with an estimated 1.3 million procedures performed annually. Male Aesthetic Plastic Surgery by Douglas Steinbrech reflects expertise and insights from one of the most-sought-after pioneers in male surgery, along with a Who's Who of contributing authors. While many texts have been written on female aesthetic surgery, this generously illustrated resource fills a void in the literature.

Divided into four sections and 45 chapters, the book reflects the background history and male-centric perspective that sets male aesthetic surgery apart from its female counterpart. Essential steps are detailed for each procedure including the physical exam, anatomical variations, patient selection, preoperative preparations, postoperative care, and invaluable pearls and pitfalls to maximize results and avoid complications. Of special interest, each chapter features bullet steps for quick and easy reference before entering the OR. From innovative, never-before published techniques, such as a sub-fascial abdominal silicone six-pack to the rapidly changing world of male body contouring, the textbook covers a broad range of cutting-edge and emerging techniques.

- High quality illustrations, bulleted text, and superb videos enhance the ability to understand and perform each procedure
- A full spectrum of facial approaches including male blepharoplasty, facelift in men, chin augmentation, facial fat grafting, cheek shaping, male rhinoplasty, and hair restoration
- State-of-the-art body techniques including diverse methods to correct gynecomastia, high abdominal definition, gluteal sculpting, abdominal contouring, chest sculpting, and muscular augmentation with implants
- The latest injectable, laser, and men's skincare procedures, including the use of neurotoxins, Kybella, and energy-based techniques
- A comprehensive glossary of surgical terms provides a quick reference for daily practice

This is a must-have resource for all plastic surgeons, dermatologic surgeons, and aesthetic doctors who treat male patients.


COMPETITION  
There is no direct competition on the market.
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Ch 45. Laser and Energy-Based Treatments in Men
**DESCRIPTION**

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 Breast 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).
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66 Salvage of Complex Problems
Dermal Fillers
Facial Anatomy and Injection Techniques
1st Edition

Price: $209.99
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Publication Date: September 2020
Format: Hardcover · 1664 Illustrations · 574 Pages · 8.25 X 11 IN
Media Content: Complimentary MedOne eBook and Videos
Specialty: Dermatology, Plastic Surgery, Facial Plastic Surgery
Level: Dermatologists, Plastic surgeons, Non-core practitioners

EDITORS

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Thais Sakuma, MD, is Medical Director, Thais Sakuma Dermatologia, Mato Grosso do Sul, Brazil.

DESCRIPTION

The quintessential visual guide to facial aesthetic enhancement and dermal filler injection techniques from top experts

In-depth and detailed knowledge of anatomy, different facial shapes, and ethnic origins is essential to delivering safe, effective, natural, and harmonious aesthetic facial treatment results. Dermal Fillers: Facial Anatomy and Injection Techniques is the culmination of many years of expertise decrypting facial anatomy as it applies to aesthetic enhancement of the face. This visually rich atlas is authored by internationally renowned Brazilian dermatologists André Braz, an esteemed expert in the use of botulinum toxin, fillers, and lasers; and Thais Sakuma, a distinguished lecturer in the application of botulinum toxin and hyaluronic acid fillers.

Nineteen highly practical, concise, and didactic chapters are organized consistently with structured text at the beginning of each chapter. The book encompasses the application of injection techniques for the full spectrum of indications, from softening wrinkles to facial contouring. Important topics include facial assessment, hyaluronic acid science, facial aging, and regional nerve blocks for pain management. Meticulous anatomic descriptions and images depict the relationships between superficial and deeper structures such as vasculature, thereby providing vital knowledge to help clinicians avoid potentially serious complications.

Key Features:

- Systematic organization based on aesthetic zones, from superficial to deep
- Richly illustrated, with 1664 outstanding drawings, remarkable cadaver dissection images, and patient photos
- Seventeen concise video sequences elucidate key injection techniques
- Comprehensive coverage of potential complications, such as unintended injection of filler into vasculature
- Expert discussion of safety issues, potential pitfalls, and the naturalness of expected outcomes

This is the ultimate resource for all dermatologists, plastic surgeons, and non–core practitioners who wish to expand their practices to offer complex facial cosmetic injection techniques and achieve optimal patient outcomes.

COMPETITION


CONTENTS

1. Facial Assessment
2. Anatomy of the Face
3. Biophysical Properties of Hyaluronic Acid
4. Anatomy of the Aging Process
5. Anesthetic Block
6. Filler Injection of the Temporal Region
7. Filler Injection of the Eyebrows
8. Filler Injection of the Forehead
9. Filler Injection of the Glabella
10. Filler Injection of the Malar and Zygomatic Regions
11. Filler Injection of the Nasojugal Groove and Palpebromalar Groove
12. Filler Injection of the Nasolabial Fold
13. Filler Injection of the Submalar Triangle
14. Filler Injection of the Nose
15. Filler Injection of the Preauricular Region and the Earlobe
16. Filler Injection of the Lips, Oral Commissure, and Mentolabial Sulcus
17. Filler Injection of the Chin and Mandible Contour
18. Complications and Adverse Effects
19. Risk Areas
Neurosurgery Outlines

Surgical Outlines

Paul E. Kaloostian, MD, FAANS, FACS, is Assistant Professor of Neurosurgery, University of California, Riverside School of Medicine, Riverside, California, USA.

Christ Ordookhanian, BS, is MD Candidate, University of California, Riverside School of Medicine, Riverside, California, USA.

**DESCRIPTION**

*Pocket-size, user-friendly roadmap outlines most common surgical procedures in neurosurgery!*

Surgery requires a combination of knowledge and skill acquired through years of direct observation, mentorship, and practice. The learning curve can be steep, frustrating, and intimidating for many medical students and junior residents. Too often, books and texts that attempt to translate the art of surgery are far too comprehensive for this audience and counterproductive to learning important basic skills to succeed. *Neurosurgery Outlines* by neurosurgeon Paul E. Kaloostian is the neuro-surgical volume in the Surgical Outlines series of textbooks that offer a simplified roadmap to surgery.

This unique resource outlines key steps for common surgeries, laying a solid foundation of basic knowledge from which trainees can easily build and expand. The text serves as a starting point for learning neurological techniques, with room for adding notes, details, and pearls collected during the journey. The chapters are systematically organized and formatted by subspecialty, encompassing spine, radiosurgery, brain tumors and vascular lesions, head trauma, functional neurosurgery, epilepsy, pain, and hydrocephalus. Each chapter includes symptoms and signs, surgical pathology, diagnostic modalities, differential diagnosis, treatment options, indications for surgical intervention, step-by-step procedures, pitfalls, prognosis, and references where applicable.

**Key Features**

- Provides quick procedural outlines essential for understanding procedures and assisting attending neurosurgeons during rounds
- Spine procedures organized by cervical, thoracic, lumbar, sacral, and coccyx regions cover traumatic, elective, and tumor/vascular-related interventions
- Cranial topics include lesion resection for brain tumors and cerebrovascular disease and TBI treatment

This is an ideal, easy-to-read resource for medical students and junior residents to utilize during the one-month neurosurgery rotations and for quick consultation during the early years of neurosurgical practice. It will also benefit operating room nurses who need a quick guide on core neurosurgical procedures.

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

Related Thieme title:

CONTENTS

**Section I: Spine**
1 Cervical
2 Thoracic
3 Lumbar
4 Sacral
5 Coccyx

**Section II: Radiosurgery/CyberKnife Treatment**
6 Spinal Radiosurgery
7 Cranial Radiosurgery

**Section III: Cranial Lesion Resection (Brain Tumor, Vascular Lesions)**
8 Brain Tumors
9 Cerebral Vascular Lesions

**Section IV: Cranial Trauma**
10 Epidural Hematoma Evacuation/Subdural Hematoma Evacuation/Intracerebral Hemorrhage Evacuation
11 Hemicraniectomy (Unilateral, Bilateral, Bifrontal versus Frontotemporal)
12 Cranioplasty
13 Placement of External Ventricular Drain/Placement of Intraparenchymal ICP Monitor

**Section V: Functional Neurosurgery**
14 Deep Brain Stimulation

**Section VI: Epilepsy**
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**Section VII: Pain Management Strategies**
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18 Baclofen Pump/Morphine Pump

**Section VIII: Hydrocephalus Treatment**
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22 Ventriculoatrial Shunt
| TITLE | Minimally Invasive Spine Surgery  
A Primer  
1st Edition |
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**EDITORS**  
Luis Manuel Tumialán, MD, is Associate Professor, Department of Neurosurgery, Barrow Neurological Institute, St. Joseph’s Hospital and Medical Center, Phoenix, Arizona; and Greenbaum Surgical Specialty Hospital, HonorHealth Neuroscience Institute, Scottsdale, Arizona, USA.

**DESCRIPTION**  
Unique resource provides spine surgeons with the right tools and mindset to perform minimally invasive surgery

*Minimally Invasive Spine Surgery: A Primer* by Luis Manuel Tumialán is the ideal introduction to minimally invasive spine approaches, especially for neurosurgery and orthopedic residents, fellows, and spine surgeons who want to incorporate minimally invasive approaches into their practice. The Primer offers a treasure trove of 3D illustrations and animations that virtually brings the aspiring minimally invasive spine surgeon into the operating room alongside their professor. The text starts with a discussion of open spine surgery versus minimally invasive procedures and the optimal mindset required to convert from one to the other.

The book is divided into lumbar, cervical, and thoracic spine sections, and a fourth section dedicated to the fundamentals of fluoroscopy and radiation exposure. The text begins with an overview, history, and evolution of each procedure, followed by a discussion of the anatomical basis for using a minimally invasive approach. Each anatomical section starts with the least complicated surgeries, thereby laying the foundation for more complex procedures discussed in subsequent chapters. The third section focuses on thoracic decompression, nerve sheath tumors in the lumbar and thoracic spine, and management of metastatic disease and intradural extramedullary lesions.

**Key Features**

- Single-authored text provides uniform readability and philosophy—cover to cover
- Lumbar approaches include microdiscectomy, laminectomy, transforaminal interbody fusions, and the transpsoas approach
- Cervical procedures encompass posterior foraminotomy, laminectomy, and anterior discectomy
- Superb illustrations, high-fidelity anatomical animations based on computer modeling, and procedural videos enhance understanding of minimally invasive spine principles

This unique, single-author Primer is a must-have resource for early-career spine surgeons who wish to learn minimally invasive principles, as well as veteran surgeons who have a desire to incorporate minimally invasive spine surgery into clinical practice.

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

**COMPETITION**  
CONTENTS

Chapter 1: A Minimally Invasive Perspective: The Conversion
Chapter 2: The Minimally Invasive Microdiscectomy
Chapter 3: Minimally Invasive Lumbar Laminectomy
Chapter 4: Minimally Invasive Transforaminal Lumbar Interbody Fusion
Chapter 5: Minimally Invasive Far Lateral Microdiscectomy
Chapter 6: Transpsoas Lumbar Interbody Fusion
Chapter 7: Minimally Invasive Posterior Cervical Foraminotomy
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Chapter 9: Anterior Cervical Discectomy with Arthroplasty or Fusion
Chapter 10: Minimally Invasive Decompressions for Metastatic Spinal Disease
Chapter 11: Minimally Invasive Resection of Intradural Extramedullary Lesions within the Thoracic Spine
Chapter 12: Radiation and Minimally Invasive Spine Surgery
Chapter 13: Minimizing Ionizing Radiation in Minimally Invasive Spine Surgery
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
- 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.


Related Thieme titles:
## CONTENTS

### Section 1 Science and Principles
01 Wound Healing: Science and Clinical Relevance  
02 Hand and Upper Extremity Anatomy  
03 Anatomy of the Lower Extremity  
04 Anatomy of the Trunk  
05 Surgical Principles: Grafts, Flaps, Microsurgery  
06 Principles of Facial Aesthetics  
07 Lasers and Radiant Energy in Plastic Surgery  

### Section 2 Skin and Soft Tissue
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23 Facial Rejuvenation with Injectables  

### Section 5 Hand and Upper Extremity
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33 Breast Reconstruction with Devices  
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36 Oncoplastic Breast Surgery  
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38 Poland Syndrome  
39 Gynecomastia  

### Section 7 Chest, Trunk, and Lower Extremity Reconstruction
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42 Lower Extremity Reconstruction  

### Section 8 Body Contouring
43 Liposuction  
44 Abdominoplasty  
45 Lower Body Lift  
46 Brachioplasty  
47 Thigh Lift and Reduction
**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
CONTENTS

Part I: Head and Neck
01 Local Flaps of the Scalp
02 Paramedian Forehead Flap
03 Temporalis Muscle Flap
04 Temporoparietal Fascia Flap
05 Facial Artery Musculomucosal Flap
06 Lip Reconstruction with Abbe and Estlander Flaps
07 Karapandzic Flap
08 Submental Island Flap
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Part II: Chest
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26 Free Jejunal and Supercharged Jejunal Flaps
27 Groin/Superficial Circumflex Iliac Artery Perforator Flap

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30 Superior Gluteal Artery Perforator Flap
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34 Ulnar Artery Perforator Flap

Part VII: Lower Extremity
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36 Anteromedial Thigh Flap
37 Rectus Femoris Muscle Flap
38 Gracilis Muscle/Myocutaneous Flap
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40 Profunda Artery Perforator Flap
41 Posterior Thigh/Gluteal Fasciocutaneous Pedicled Flap
42 Soleus Muscle Flap
43 Gastrocnemius Muscle Flap
44 Medial Sural Artery Perforator Flap
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47 Medial Plantar Artery Flap

**Part VIII: Lymphedema**

48 Supraclavicular Lymph Node Transfer
49 Inguinal Lymph Node Transfer
50 Lymphovenous Anastomosis
Cosmetic Breast Surgery by internationally recognized plastic surgeons Sameer Patel, C. Bob Basu, and esteemed colleagues presents the latest augmentation, lift, reduction, and revision surgery techniques. From dedicated chapters focused on the management and correction of undesirable results to expert perspectives on male aesthetics, this remarkable book provides a one-stop resource on cosmetic breast procedures. Every chapter includes technical pearls and methodologies to help surgeons master approaches and achieve optimal patient outcomes.

Organized by six sections, the book starts with a discussion of breast anatomy, followed by a breast augmentation section that serves as a primer on breast implants, from selection to fat grafting. Section three covers management of the ptotic breast, including topics such as mastopexy, a novel internal bra technique, and reduction mammoplasty. Section four details important revision issues, such as managing acute complications and anaplastic large cell lymphoma linked to breast implants. Section five is devoted to male breast procedures, while section six includes chapters on congenital breast deformities, transgender breast surgery, and practice management issues.

Key Highlights

- A contemporary update on capsular contracture and biofilms with evidence-based insights on prevention and treatment
- Pearls on managing and mitigating risk and complications in aesthetic breast surgery
- How to market a cosmetic breast surgery practice in an ever-evolving digital ecosystem
- Nearly 300 illustrations enhance understanding of techniques

Comprehensive and diverse, this is a must-have reference for plastic surgery residents, fellows, and early-career aesthetic plastic surgeons. It will also benefit senior surgeons who wish to expand their surgical repertoire.

Related Thieme titles:

## CONTENTS

**Section 1 Anatomy of the Breast**

1 Anatomy of the Breast

**Section 2 Primary Breast Augmentation**

2 Made to Match: The Essence of Breast Implant Selection - Matching the Implant to the Patient
3 Implant Options
4 Selection of the Surgical Approach
5 Implant Placement Options
6 Fat grafting for Primary Augmentation

**Section 3 Management of the Ptotic Breast**

7 Preoperative Evaluation of Patients with Macromastia and Ptosis
8 Mastopexy Techniques – Basic Principles
9 Augmentation and Mastopexy – Basic Principles to Develop a Treatment Plan and Technical Pearls
10 Management of the Massive Weight Loss Breast
11 Internal Bra Technique in the Breast with Poor Soft Tissue Support
12 Reduction Mammaplasty

**Section 4 Management of the Undesirable Result and Revisional Breast Surgery**

13 Management of Acute Complications of Aesthetic Breast Surgery – Part I: Local and Systemic Complications Including Hematoma/Seroma, Surgical Site Infections, Fat Necrosis, Delayed Wound Healing, Pneumothorax, and Venous Thromboembolism
14 Management of Acute Complications of Aesthetic Breast Surgery – Part II: Implant Malposition, Synmastia, Inframammary Fold Modification, and Implant Rippling
15 Capsular Contracture and Biofilms: Etiology, Prevention, and Treatment
16 Breast Implant Associated Anaplastic Large Cell Lymphoma
17 Managing and Mitigating Risk in Aesthetic Breast Surgery

**Section 5 Male Breast Aesthetics**

18 Evaluation and Surgical Management of Gynecomastia
19 Aesthetics of the Male Breast

**Section 6 Other Aesthetic Breast Surgery Topics**

20 Evaluation and Treatment of Congenital Breast Deformities
21 Transgender Breast Surgery
22 Nipple Areolar Procedures and Aesthetics
23 Marketing a Cosmetic Breast Practice Through Social Media Outlets
Adequate evaluation of lower limb wounds for salvage requires an itemized assessment of vascular, osseous, soft tissue, and functional deficits. Lower Extremity Reconstruction: A Practical Guide by renowned reconstructive surgeons and perforator flap masters J.P. Hong and Geoffrey G. Hallock presents an orthoplastic approach to this growing and challenging area of microsurgery. Throughout the well-illustrated text and videos, an impressive cadre of international surgeons share pearls and insights, including esoteric knowledge and step-by-step demonstration of techniques with pertinent case examples.

This unique guide presents a practical, visual, and stepwise approach to learning and mastering a full array of flap and microsurgery approaches for traumatic, dysvascular, metabolic, and oncologic lower limb defects. Organized into five sections, the book covers a full spectrum of lower extremity topics—from wound prep, timing, closure alternatives, and therapy—to soft-tissue tumors and a new concept in drop foot treatment. Numerous videos demonstrate how surgeons can leverage workhorse options to prevent chronic non-healing wounds or amputations and achieve the goal of limb salvage.

**Key Highlights**

- Lower extremity soft tissue reconstruction techniques using local muscle and perforator workhorse flaps
- Bone salvage and restoration techniques including vascularized bone grafts
- Diabetic foot management with in-depth discussion of the SCIP flap and perforator to perforator concept
- Rationale for partial and subtotal foot amputation
- 26 videos and more than 500 illustrations enhance understanding of microsurgical interventions

With insights from top microsurgeons on how to achieve the best outcomes for patients with lower limb defects, this is a must-have resource for plastic and orthopaedic surgeons, especially specialists who treat patients at trauma centers.

**COMPETITION**


**CONTENTS**

**Section I. Initial Assessment and Approach**
- Chapter 1: Our Introduction to Lower Extremity Reconstruction
- Chapter 2: Assessment of the Normal and the Impaired Lower Extremity
- Chapter 3: Indications for Vascular Intervention in Lower Extremity Reconstruction
- Chapter 4: Orthopaedic Evaluation of the Lower Extremity and the Concept of the Orthoplastic Approach
- Chapter 5: The Surgical Approach to Pediatric Bone and Soft-Tissue Tumors of the Lower Extremity
- Chapter 6: Spare-Part Surgery for the Lower Limb
- Chapter 7: Using the Flap and Angiosome Concepts to Optimize Functional Lower Leg and Foot Amputations

**Section II. Essential Concepts for Lower Limb Salvage**
- Chapter 8: Vascular Anatomy of the Lower Extremity: A Practical Guide to Vascular Territories, Perforators and Selection of Recipient Vessels
- Chapter 9: General Wound Preparation and Timing
- Chapter 10: The Pertinence of the Reconstructive Ladder and the Reconstructive Elevator

**Section III. Options for Lower Extremity Wound Closure**
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- Chapter 12: The Process for Flap Selection by Region of the Lower Extremity
- Chapter 13: Basic Practical Lower Limb Muscle Local Flaps
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- Chapter 14: Basic Local Perforator Flaps of the Lower Extremity
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  - The Gracilis Muscle Free Flap
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The Business of Dermatology

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EDITORS

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Kavita Mariwalla, MD, FAAD, is Director, Mariwalla Dermatology, New York, New York.

DESCRIPTION

The ultimate guide to managing the multifaceted business aspects of a dermatology practice

Although board-certified dermatologists provide the best care for their patients, managing a practice and optimizing every facet of the business is a daunting endeavor. Business acumen is not taught in residency and is the most overlooked aspect of any given practice. The Business of Dermatology, written by esteemed dermatologists Jeffrey S. Dover, Kavita Mariwalla, and an impressive group of experts, provides a rare opportunity to learn about the operations side of practices across the country. Written in an informal tone, this unique book enables readers to be privy to a "40-way chat" with dermatologists whose practices are flourishing.

With a vast wealth of information relevant to the business side of a dermatology practice, this remarkable resource fills the gap between the training phase and acquisition of professional confidence. Fifty-five chapters offer insightful, highly practical pearls for everyone—from early-career dermatologists and those in solo-practice to employed physicians in large groups. Even the most seasoned practitioners will benefit from firsthand knowledge and real-world tips shared by physicians who have made their own mistakes trying to get practices off the ground and maintain them.

Key Features

- Written by top dermatologists from the perspective of ‘if we knew then what we know now...’
- Organized in a format and style conducive to easy reading, with practical tips to implement immediately
- Covers all practice-relevant topics, including office space and equipment, managing financials, diverse practice models, human resources, employment considerations, patient issues, pricing, essential surgical tools/supplies, marketing, and much more
- Top ten lists in each chapter highlighting the key take-home points

The Business of Dermatology is an indispensable, one-stop source for all trainee and practicing dermatologists who need insightful guidance on setting up, organizing, managing, or optimizing their practice.

Starting and Marketing a Dermatology Practice for Solo Practices Manual, 198 pages, American Academy of Dermatology, 2012, $79.00 members, $158.00 non-members.

Saedi/Dover, Starting a Successful Dermatologic Surgery Practice, American Society for Dermatologic Surgery, $69.00 members, $138.00 non-members.

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**DESCRIPTION**  
*A state-of-the-art guide on the interventional management of venous disease from renowned experts!*

The diagnosis and management of venous disorders is a core competency of interventional radiology, comprising up to 75% of an interventional radiologist's caseload in some institutions. *Venous Interventional Radiology* by prominent interventional radiologist Laura Findeiss and an impressive group of contributors is a highly practical vascular interventional radiology reference that covers a full spectrum of venous disease. The richly illustrated book starts with an opening chapter on venous anatomy, physiology, and epidemiology.

Disease-specific chapters cover common to complex disorders, from varicose veins and venous ulceration, to thromboembolic disease and pulmonary embolism. Each chapter presents the latest minimally invasive image-guided interventions for the diagnosis and management of a specific disease. Clinical cases provide discussion of patient presentation/symptoms, clinical evaluation, procedural and non-invasive management strategies, and follow-up, all of which are key to delivering comprehensive patient care.

**Key Highlights**

- Angiographic and cross-sectional imaging findings enhance knowledge of disease processes
- A chapter dedicated to vascular/venous access provides guidance on this basic yet critical component of patient care
- The classification, evaluation, and treatment of venous anomalies and syndromes
- The authors discuss pitfalls and complications, including their own pearls of wisdom and unanswered questions

This highly practical guide is a must-have resource for trainee and veteran interventional radiologists and vascular surgeons.

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

**CONTENTS**

- Chapter 1: Venous Anatomy and Physiology and Epidemiology of Venous Disorders
- Chapter 2: Thromboembolism
- Chapter 3: Cerebral Venous Thrombosis
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Chapter 5: Pulmonary Embolism
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Chapter 7: Chronic Venous Occlusive Disease
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Chapter 9: Vascular Access
Chapter 10: Pelvic and Gonadal Venous Reflux
Chapter 11: Portal and Mesenteric Venous Disorders
Chapter 12: Venous Anomalies and Syndromes: Classifications, Evaluation, and Treatment
**DESCRIPTION**  
Essential gastroenterology cases and board-type Q&A review to help you pass your exam!

*RadCases Gastrointestinal Imaging Second Edition* by Stephen Thomas and Jonathan Lorenz expands on the rich study experience that has been tried, tested, and popularized by radiology residents around the world. The new edition includes important variations on prior cases, updated diagnostic and management strategies, and new pathological entities. One hundred new, carefully selected GI cases are focused on helping radiology residents navigate and assimilate a daunting volume of digestive-related information. For maximum ease of self-assessment, each case begins with the clinical presentation on the right-hand page; study that and then turn the page for imaging findings, differential diagnoses with the definitive diagnosis, essential facts, pearls and pitfalls, and more.

**Key Highlights**

- More than 550 high-resolution multimodality images, including computed tomography, MRI, fluoroscopic studies, positron emission tomography, and ultrasound, visually guide readers through the cases.
- New to this edition, a question-and-answer section for each case reinforces key concepts.
- Easy-to-read bulleted formatting and concise presentation of common and uncommon gastrointestinal tract diagnoses impacting the esophagus, stomach, liver, spleen, gallbladder, pancreas, intestines, appendix, and colon.

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

- Breast Imaging • Cardiac Imaging • Emergency Imaging • Gastrointestinal Imaging • Genitourinary Imaging • Head and Neck Imaging • Interventional Radiology • Musculoskeletal Radiology • Neuro Imaging • Nuclear Medicine • Pediatric Imaging • Thoracic Imaging • Ultrasound Imaging

Each *RadCases second edition* has a code allowing you one year of access to Thieme's online database of 350 cases: the 100 cases in this book plus 250 cases more.
Master your cases, pass your exams, and diagnose with confidence: RadCases!


| CONTENTS    | 100 Radiology Cases |
State-of-the-art resource details effective breast MRI techniques for improved screening and diagnosis

Magnetic resonance imaging (MRI) of the breast has evolved into an important breast cancer screening tool and major advance in women's health. Breast MRI is currently the most sensitive detection technique for both non-invasive and invasive cancers and follow-up in women with a new breast cancer diagnosis. It is increasingly becoming the go-to imaging method for screening women at high and intermediate risk of breast cancer and those with dense breast tissue on mammography. Yet despite its reliability and growing use, many radiologists lack the expertise to accurately perform breast MR image interpretation.

Breast MRI Interpretation: Text and Online Case Analysis for Screening and Diagnosis by Gillian Newstead reflects insights and expertise from one of the leading authorities on breast imaging. The book is a highly practical reference on evaluation and interpretation of breast MR imaging, with discussion of the modality as a screening and diagnostic tool. Topics include image acquisition and interpretation, clinical implementation, managing findings, and overcoming problems.

Key Highlights

- More than 1,800 illustrations from the University of Chicago including single selected images, side-by-side images at different time points and acquisition parameters, and 3-D images enhance understanding of breast imaging
- Select online case studies enable readers to review and interpret entire MRI datasets
- Discussion of advanced acquisition techniques and future potential applications including non-contrast imaging, quantitative dynamic imaging, and artificial intelligence using advanced computer analytic methods

This remarkable resource streamlines the breast MRI process, enabling radiologists to incorporate this imaging modality into practice, conduct screening and diagnostic exams more efficaciously, and interpret findings accurately.


COMPETITION

CONTENTS

Chapter 1. Overview of Breast MRI
Chapter 2. Who should be screened?
Chapter 3. Screening MRI: DCE-MRI Methods
Chapter 4. Screening MRI: Clinical Implementation
Chapter 5. Diagnostic MRI: Imaging Protocols and Technical Considerations
Chapter 6. Diagnostic MRI Interpretation
Chapter 7. Image Interpretation: Non-invasive Cancer
Chapter 8. Image Interpretation: Invasive Cancer
Chapter 9. Management of Findings Initially Detected at MRI
Chapter 10. Diagnostic MRI: Breast Cancer Applications
Chapter 11. Advanced Breast MRI Techniques
Chapter 12. Semi-quantitative and Quantitative Analysis of Breast DCE-MRI
Chapter 13: Future Applications: Radiomics and Deep Learning on Breast MRI
Essential nuclear medicine cases and board-type Q&A review to help you pass your exam!

Recently, the field of nuclear medicine has witnessed an unprecedented explosion of new clinical diagnostic tracers, radionuclide therapies, hardware, and molecular imaging paradigms. This second edition of *RadCases Plus Q&A Nuclear Medicine* by Daniel Appelbaum, John Miliziano, Anup Jacob Alexander, and Yong Bradley reflects these advances, presenting 100 new cases and 500 high-quality images. The book covers a wide spectrum, from classic topics, such as thyroid, bone, parathyroid, and renal scans, to the paradigm-shifting concept of "theranostics." For maximum ease of self-assessment, each case begins with the clinical presentation on the right-hand page; study that and then turn the page for imaging findings, differential diagnoses with the definitive diagnosis, essential facts, pearls and pitfalls, and more.

**Key Highlights**

- The latest radionuclide therapies to treat cancers of the prostate, neuroendocrine system, and liver
- Discussion of up-to-date diagnostic and therapeutic PET radiotracers, theraspheres/sirspheres, and new cardiac applications for PYP SPECT
- Recently described important artifacts such as WBC and FDG microemboli, white fat hypermetabolism, and the potentially confusing inflammation patterns in FDG PET associated with emerging cancer immunotherapies
- Timeless topics include radiation handling/safety and resolving camera imaging errors
Thieme’s **RadCases** means cases selected to simulate what you will see on your exams, rounds, and rotations. **RadCases** helps you to identify the correct differential diagnosis for each case, including the most critical. The series comprehensively covers the following specialties:

- Breast Imaging
- Cardiac Imaging
- Emergency Imaging
- Gastrointestinal Imaging
- Genitourinary Imaging
- Head and Neck Imaging
- Interventional Radiology
- Musculoskeletal Radiology
- Neuro Imaging
- Nuclear Medicine
- Pediatric Imaging
- Thoracic Imaging
- Ultrasound Imaging

Each **RadCases second edition** has a code allowing you one year of access to Thieme’s online database of cases: the 100 cases in this book plus 254 cases more.

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

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A comprehensive how-to guide on hand surgery techniques from top experts!

Hand surgery requires precision, in-depth expertise, and versatility in order to perform a wide variety of operations on fractures, tendon and nerve conditions, soft tissue injuries, rheumatoid deformities, and congenital defects. *Hand Surgery: Tricks of the Trade* by renowned Rothman Orthopaedic Institute hand surgeon Pedro Beredjiklian and an impressive group of contributors provides a clear road map on how to perform common hand surgery procedures. Concise step-by-step text enables readers to quickly read, review, and understand the most salient points for each approach.

Organized into 14 major sections and 88 chapters, this book encompasses the full spectrum of orthopaedic surgery procedures on the tendons, nerves, bones, and joints of the hand. The text starts with two sections focused on tendon repair and reconstruction. Subsequent sections detail open and endoscopic release and decompression techniques for nerve conditions, fixation and plating of hand and wrist fractures, osteotomy for bone reconstruction, arthroplasty for arthritis, and ligament repair for instability. The last four sections discuss plastic surgery topics including the use of diverse skin grafts and flaps, Dupuytren’s disease, arthroscopy, and infections.

**Key Features**

- Consistent chapter layouts include key principles, indications, contraindications, positioning and anesthesia, important procedural steps, potential complications, and more.
- Nearly 1,000 illustrations and photographs provide greater understanding of impacted anatomy.
- Insightful intraoperative pearls, tips, and tricks provide surgeons with the tools to perform surgeries more effectively and thereby improve patient outcomes.

This is a must-have resource for orthopaedic surgery residents, fellows, and hand surgeons. Trainee and experienced plastic surgeons will also benefit from reading this textbook.

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

**COMPETITION**


I. Tendon Injuries
1. Extensor tendon repair (zone 1,3,5)
2. Extensor tendon repair (zone 2,4,6-9)
3. Flexor tendon repairs (zone 1)
4. Flexor tendon repair (zone 2)
5. Flexor tendon repair (zones 3-5)

II. Tendon Reconstruction
6. Staged flexor tendon reconstruction (zones 1-2)
7. Radial nerve palsy tendon transfers
8. Low median nerve palsy tendon transfers
9. Low ulnar nerve palsy tendon transfers
10. Extensor indicis proprius tendon transfer for rupture of the extensor pollicis longus tendon
11. Extensor indicis proprius/extensor digitorum communis tendon transfer for tendon rupture at the wrist
12. Superficialis transfer for rupture of the flexor pollicis longus tendon

III. Tendinopathies
13. Trigger finger/thumb release
14. DeQuervain's release
15. Extensor Carpi ulnaris tenosynovitis/instability
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IV. Nerve Repair/Reconstruction
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21. Nerve conduits
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24. Endoscopic carpal tunnel release
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29. Wrist denervation for pain

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31. Middle/proximal phalanx (pinning)
32. Middle/proximal phalanx (open reduction and internal fixation)
33. Fixation of uni and bicondylar phalangeal fractures
34. Bony mallet fixation
35. Proximal interphalangeal joint fracture/dislocations
36. Metacarpal fracture pinning
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VII. Wrist Fractures
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83. Triangular fibrocartilage complex repair

XIV. Infection
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85. Felon
86. Flexor tenosynovitis
87. Septic arthritis
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Synopsis of Hip Surgery by renowned hip specialists Shane Nho, Joshua Harris, Brett Levine, and an impressive group of contributors provides a well-rounded perspective on the surgical and nonsurgical management of common to rare hip conditions. The generously illustrated clinical reference is both concise and comprehensive, not only encompassing the full age continuum but also a wide array of hip disorders such as congenital and degenerative issues and problems associated with sports injuries.

The first seven chapters lay a solid foundation, covering hip anatomy, patient history, physical examination, radiographic imaging, diagnostic tests, biomechanics, pathomechanics, and implant biology. Subsequent chapters detail prevalent conditions such as femoroacetabular impingement syndrome, hip dysplasia, soft-tissue injuries, and osteoarthritis. The text also covers less common diseases including synovial proliferative disorders, primary and metastatic tumors, and osteonecrosis. Procedure-specific chapters focus on primary and revision total hip arthroplasty and hip replacement surgery.

Key Features

- An outline format and bulleted text provide a quick, easy reference for trainees and practitioners to consult prior to conferences, at the office, and in the operating room
- About 300 color illustrations enhance understanding of impacted anatomy and procedures
- Fractures of the pelvis and hip including intracapsular, extracapsular, and acetabulum
- Discussion of pediatric conditions including Legg-Calvé-Perthes disease, slipped capital femoral epiphysis, and hip fractures

A reader-friendly overview of the fundamentals in hip pathology and treatment presented by esteemed experts!
This concise resource is essential reading for orthopaedic surgery residents, orthopaedic sports medicine and adult reconstruction fellows, general orthopaedic surgeons, and hip specialists.

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

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22 Hip Rehabilitation  
23 Synovial Proliferative Disorders  
24 Primary and Metastatic Tumors of the Hip  
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26 Septic Arthritis of the Hip
A state-of-the-art guide on oral cancer management from distinguished experts!

Oral Cancer: Evaluation, Therapy, and Rehabilitation edited by prominent Johns Hopkins clinicians and educators Carole Fakhry, Karen Pitman, Ana Kiess, and David Eisele provides a comprehensive, state-of-the-art review on the diagnosis and management of oral cancer. This unique resource fills a void in the literature by exploring surgical and reconstructive issues specific to each subsite of the oral cavity. Important pre- and post-treatment evaluations by dental, speech language pathology, and the oncologic care team are reviewed.

The comprehensive book is divided into 10 sections, each focused on different facets of the patients' trajectory. The text starts with epidemiology of oral cavity cancer and discussion of patient populations at increased risk of oral cavity cancer. The book details pre-cancers, multidisciplinary diagnostic evaluations, treatment, post-treatment, recurrent and metastatic oral cancer, and palliative care, concluding with future directions such as chemoprevention. A full spectrum of oral neoplasms are covered in depth, including different types of squamous cell cancer, primary malignancies of the mandible, and sublingual and minor salivary gland malignancies.

Key Features

- All oral cavity subsites are approached from both an ablative and reconstructive standpoint, with dedicated chapters focused on specific oral cancer reconstructive techniques
- Discussion of oncologic considerations encompassing radiation and medical oncology including definitive radiation therapy, brachytherapy, adjuvant radiation therapy, and adjuvant chemotherapy/novel therapeutics
Clinical pearls cover complications of both surgery and radiation therapy, as well as psychological and dental implications of therapy
High-quality illustrations, photographs, and videos further elucidate impacted anatomy and techniques

Residents and clinicians in otolaryngology-head and neck surgery, oral and maxillofacial surgery, head and neck reconstructive surgery, medical oncology, and radiation oncology will benefit from reading this excellent resource. Dentists who wish to further their knowledge about oral cancers will also find it an invaluable reference.

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

| COMPETITION | There is not another book on the market specific to oral surgery. Most readers will go to head and neck cancer books for information on this topic. |

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1 Epidemiology of Oral Cavity Cancer
2 Patient Populations at Increased Risk for Oral Cavity Cancer

Section II. Premalignancies of the Oral Cavity
3 Premalignant Oral Lesions
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The consummate guide on the contemporary management of complex skull base tumors from renowned multidisciplinary experts!

An increased understanding of the biology and molecular characterization of skull base tumors has led to innovative new approaches. Endoscopic tumor resection, surgical reconstruction, and advances in radiation delivery, chemotherapy, and targeted biologic therapy, have greatly expanded treatment options for patients with these challenging tumors. The updated second edition of Comprehensive Management of Skull Base Tumors by master surgeons Ehab Hanna, Franco DeMonte, and an impressive group of global experts reflects expanded knowledge of skull base tumors and evidence-based advances.

This generously illustrated second edition is organized into three sections with 42 chapters. Section I features expanded coverage of endonasal skull base anatomy and surgical principles, as well as radiotherapeutic advances such as proton therapy and stereotactic radiation. Section II is focused on site-specific procedures with emphasis on surgical approaches, and Section III focuses on tumor-specific considerations with emphasis on multidisciplinary treatment approaches. Core topics of this thorough book include pathology, genetics, diagnostic considerations, surgical reconstruction, rehabilitation, chemotherapy, functional outcomes, quality of life issues, neurocognitive assessment, and cerebrovascular management.

Key Features

- In-depth discussion of anatomic regions of the cranial base, including surgical anatomy, regional pathology, differential diagnosis, clinical assessment, diagnostic imaging, and surgical approaches
- Incidence, epidemiology, pathology, staging, multidisciplinary treatment, outcome, and prognosis for a wide range of neoplasms including squamous cell carcinoma, chondrosarcomas, chordomas, meningiomas, schwannomas, paragangliomas, pituitaryadenomas, craniopharyngiomas, epidermoids, and fibro-osseous lesions
Outstanding illustrations, surgical and clinical photos, imaging, tables, and videos new to this edition, enhance understanding of complex skull base tumors

The most comprehensive resource available today on the management and treatment of skull base tumors, this book is essential reading for neurosurgical and otolaryngology residents. It will also benefit surgeons who specialize in oromaxillofacial, craniofacial, and plastic and reconstructive surgery.


COMPETITION
This is no direct competition on this particular topic.

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40 Craniopharyngiomas
41 Epidermoids, Dermoids, and Other Cysts of the Skull Base
42 Fibro-Osseous Lesions of the Skull Base
Strabismus correction is the third most common ophthalmic surgery in the US, with 1.2 million procedures performed each year. *Strabismus Surgery* by renowned pediatric ophthalmologist Irene Ludwig provides comprehensive coverage of strabismus treatment – featuring state-of-the-art techniques based on recent anatomical research and discoveries. Throughout the text and accompanying videos, an impressive group of contributors share clinical pearls and firsthand knowledge.

Recent research shows that strabismus has a mechanical etiology more frequently than previously thought, and that by directly correcting the mechanical defects, more targeted correction is possible than with traditional approaches. Accordingly, the book is organized by mechanism rather than strabismic deviations and patterns. Presented in four parts, each of which is further delineated by sections, this unique textbook includes 36 chapters starting with the fascinating history of strabismus surgery and concluding with future possible treatments.

**Key Highlights**

- New surgical techniques designed to correct muscle displacements and muscle defects related to abnormalities of the extraocular muscle pulleys and intermuscular bands
- Recognition and repair of stretched scar and flap tear
- A section dedicated to CNS-related causes of strabismus discusses state-of-the-art surgical approaches for conditions including nystagmus and cranial nerve palsies
- A comprehensive summary of injection techniques using botulinum toxin and bupivacaine to correct strabismus, particularly in otherwise inoperable conditions
- Ninety strabismus surgery videos demonstrate a full spectrum of basic to advanced techniques
- Remarkable illustrations beautifully capture the complex anatomy of the eye muscles and pulleys

The mechanistic approaches described in this outstanding resource will help trainees and seasoned ophthalmologists achieve more precise and lasting results.

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7 Complications of Strabismus Surgery
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**EDITORS**

Tracey A. H. Taylor, PhD, is Associate Professor, Department of Foundational Medical Studies, Oakland University William Beaumont School of Medicine, Rochester, Michigan, USA.

Dwayne Baxa, PhD, is Assistant Professor, Department of Foundational Medical Studies, Oakland University William Beaumont School of Medicine, Rochester, Michigan, USA.

Matthew Sims, MD, PhD, is Professor, Department of Internal Medicine, Oakland University William Beaumont School of Medicine, Rochester, Michigan, USA.

**DESCRIPTION**

*High-yield microbiology cases help students apply knowledge and prepare for board exams*

Learning Microbiology and Infectious Diseases: Clinical Case Prep for the USMLE® by Tracey A. H. Taylor, Dwayne Baxa, and Matthew Sims presents diverse cases that encourage problem-based learning, which is key to building diagnostic skills. Each case portrays a real-life scenario, promoting a bridge from foundational knowledge to its application. A series of USMLE-style questions with thorough explanations provide an understanding of microbiology and infectious diseases, an ability to differentiate between infections and viruses, and identify bacteria, fungi, and parasites. Questions cover causative agents, disease transmission, mechanism of pathogenesis action, and pharmacotherapy.

**Key Features**

- 50 case studies with images mirror situations seen in everyday practice
- An intermingling of bacteriology, virology, mycology, parasitology cases, and organ systems reflect real-world patient scenarios and encourage critical thinking
- Comprehensive cases encompass symptoms and duration, medical and family history, physical exam and lab findings, differential diagnosis, and treatment and prevention

This essential, highly practical resource will help medical students build problem-solving skills, assess microbiology and infectious disease knowledge, and fully prepare for the boards.

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

**COMPETITION**


**CONTENTS**

Case 1 Adult with a Cough of a Long Duration
Case 2 Child with a Sore Throat and Red Eyes
Case 3 Adult in Respiratory Distress
Case 4 Adolescent with Sore Throat and Malaise
Case 5 Toddler with Upper Respiratory Symptoms
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Case 8 Teenager with a Two-Week-Long Cough
Case 9 Adult Male with Persistent Cough and Malaise
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Case 48 Travelers with Acute Febrile Illness
Case 49 Newborn with Jaundice
Case 50 Teenager with Pain in Groin
**Thieme Review for the USMLE® Step 2: CS for IMGs**

**1st Edition**

**PRICE** $59.99

**ISBN** 9781684201969

**PUBLICATION DATE** May 2020

**FORMAT** Softcover · 144 Illustrations · 324 Pages · 8.5 X 11 IN

**MEDIA CONTENT** Complimentary MedOne eBook and Q&A

**SPECIALTY** Medical Education, Test Preparation

**LEVEL** International medical students

**Editors**

Mohamed M. Elawdy, MD, MSc, ECFMG certified, is Specialist (A) in Urology, Sohar Hospital, Ministry of Health, Sohar, Oman, and Urology and Nephrology Center, Mansoura, Egypt; and International Fellow, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania, USA.

Dara B. Oken, MEd, is a Pronunciation Modification Trainer, Articulation LLC, and an Adult ELL Teacher, Minneapolis Adult Education, Minneapolis Center for Adult Learning, Minneapolis, Minnesota, USA.

**Description**

*CS for IMGs is a comprehensive resource designed to help IMGs pass the Step 2 CS exam on the first attempt*

*Thieme Review for the USMLE® Step 2: CS for IMGs* includes all the components that International Medical Graduates (IMGs) need to pass the USMLE® Step 2 Clinical Skills (CS) exam. Created by international CS exam prep instructor and physician Mohamed Elawdy and expert American pronunciation trainer Dara Oken, this groundbreaking resource reflects their combined expertise in preparing IMGs for the CS exam. As such, it’s the only resource needed for USMLE® CS prep!

**Key Features**

- The first all-in-one CS review book
  - Addresses all three exam components: ICE, CIS, and SEP
  - ICE section provides systematic organization and consistency in its coverage of Medical History Taking, Physical Examination, and Patient Note
  - SEP section includes word-level concepts (syllables and stress), sound-level concepts (consonants and vowels), and grammar concepts

**Practice-intensive tools**

- Role-plays and model videos with standardized patients (SPs)
- SEP pronunciation and grammar explanations, exercises, and videos
- Flowcharts, checklists, and self-assessments
- Easy to replicate approach to target differential diagnosis

The text and the accompanying audio and videos provide unparalleled study prep tailored to the CS that will lead to a higher score on this vital exam.

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

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2 The Basics, Component 2, Communication and Interpersonal Skills
3 The Basics, Component 3, English Proficiency
4 Chest (Cardiology and Respiratory)
5 Abdomen (Gastroenterology and Urology)
6 Obstetrics and Gynecology
7 Pediatrics
8 Musculoskeletal System
9 Psychiatry
10 Neurology
11 Miscellaneous
12 Mini Cases
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**DESCRIPTION**

*Integrates biochemical, molecular, and cellular health and disease processes into one essential text!*

*Biochemistry, Cell and Molecular Biology, and Genetics: An Integrated Textbook* by Zeynep Gromley and Adam Gromley is the first to cover molecular biology, cell biology, biochemistry (metabolism), and genetics in one comprehensive yet concise resource. Throughout the book, these topics are linked to other basic medical sciences, such as pharmacology, physiology, pathology, immunology, microbiology, and histology, for a truly integrated approach.

**Key Highlights**

- Easy-to-read text enhances understanding of underlying molecular mechanisms of disease
- Nearly 1000 illustrations and tables help reinforce chapter learning objectives
- Textboxes throughout make connections with other preclinical disciplines
- End of unit higher order clinical vignette questions with succinct explanations help integrate basic science topics with clinical medicine

This textbook provides a robust review for medical students preparing for courses as well as exams. Dental, pharmacy, physician’s assistant, nursing, and graduate students in pre-professional/bridge programs will also find this a beneficial learning tool.

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

**COMPETITION**


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- Chapter 2. DNA Replication, Gene Mutations, and Repair
- Chapter 3. Transcription and Regulation of Transcription
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Chapter 14. Hallmarks of Cancer and Cancer Biology
Chapter 15. Molecular Principles of Cancer Treatments and Therapies

UNIT III
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Chapter 51. Population Genetics
Chapter 52. Genomic Imprinting and Epigenetics
Chapter 53. Gene Interactions and Multifactorial Inheritance
Chapter 54. Personalized Medicine
**Editors**

Mark A. Simmons, PhD, is Professor, Pharmaceutical Sciences, and Director, Pharmaceutical Sciences Graduate Program, University of Maryland Eastern Shore, Princess Anne, Maryland, USA.

**Description**

*The perfect pharmacology study tool for the classroom and examinations!*

*Pharmacology: An Essential Textbook, Second Edition* by Mark Simmons covers pharmacology facts and concepts necessary for success in the classroom and on board examinations. The clear and concise text presents important, clinically relevant pharmacology knowledge and concepts students must master. The updated edition includes the addition of new drugs, a chapter on water and fat-soluble vitamins, a greater number of clinical questions, and a fresh design.

**Key Features**

- Hundreds of full-color illustrations, beautiful infographics, and summary tables provide visual depictions of important concepts
- The succinct, bullet-point format focuses on must-master information
- Flow charts used to delineate drug effects make complex interactions between different cells and organs easier to comprehend
- Sidebars build on and integrate learning across the basic sciences and apply it to the clinical setting
- Nearly 200 board-style and factual self-testing questions with explanatory answers are ideal for exam practice
- An additional 200 questions and answers are available online at MedOne via the scratch-off code in the book

This is an invaluable resource for medical and nursing school pharmacology courses, pharmacy school students, other health professionals studying pharmacology, and advanced undergraduate courses in pharmacology or pharmaceutical sciences.

This book provides robust test prep for the USMLE® Step 1, COMLEX Level 1, NAPLEX, NCLEX and other licensing exams.

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

**Competition**


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# Dual Catalysis in Organic Synthesis, Workbench Edition

**1st Edition**

**Editors**
Gary A. Molander

**Price**
$549.00

**ISBN**
9783132429864

**Publication Date**
July 2020

**Format**
Softcover · 0 Illustrations · 982 Pages · 6.75 X 10 IN

**Specialty**
Chemistry

## Description

The Impact of Dual Catalysis on Organic Synthesis

This workbench edition, edited by Gary A. Molander, sheds light on the influence of dual catalysis on organic synthesis. The volumes introduce the most important concepts of synergistic as well as dual catalytic cycles, providing newcomers to the field with reliable information on this new approach to facilitating the synthesis of organic molecules.

Expand your knowledge of the most reliable methods for dual catalysis combining:

- metal catalysts,
- organocatalysts,
- photocatalysts,
- and biocatalysts

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   1.1.2 Palladium/Copper and Palladium/Nickel Dual Catalysis
   1.1.3 Rhodium/Palladium Dual Catalysis
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   1.1.5 Gold/Iron Dual Catalysis
   1.1.6 Gold Dual Catalysis with Palladium, Nickel, or Rhodium
   1.1.7 Gold/Gold Dual Catalysis

1.2 Transition-Metal/Photocatalyst Dual Catalysis
   1.2.1 General Principles of Transition-Metal/Photocatalyst Dual Catalysis
   1.2.2 Nickel/Photocatalyst Dual Catalysis
   1.2.3 Palladium/Photocatalyst Dual Catalysis
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2.5 Organocatalyst/Biocatalyst Dual Catalysis

2.6 Dual Catalysis with Two or More Biocatalysts
The field of dual catalysis has developed rapidly over the last decade, and these volumes define its impact on organic synthesis. The most important, basic concepts of synergistic, dual catalytic cycles are introduced, providing newcomers to the field with reliable information on this new approach to facilitating the synthesis of organic molecules. Background information and reliable procedures for challenging transformations in synthesis are presented, applying the concept of cooperative dual catalysis as a means of increasing molecular complexity in the most efficient manner. The most useful, practical, and reliable methods for dual catalysis combining metal catalysts, organocatalysts, photocatalysts, and biocatalysts are presented.

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2.2 Metal/Biocatalyst Dual Catalysis

2.3 Dual Catalysis with Two Organocatalysts

2.4 Organocatalyst/Photocatalyst Dual Catalysis

2.5 Organocatalyst/Biocatalyst Dual Catalysis

2.6 Dual Catalysis with Two or More Biocatalysts
Harnessing the versatile reactivity of boron for organic synthesis

The widespread use of organoboron compounds justifies the efforts devoted to their synthesis, as well as toward developing an understanding of their reactivity. The nature of the mono- or diboron species is of paramount importance in determining the reversible covalent binding properties of the boron atom with both nucleophiles and electrophiles. By wedging the rich chemical potential of organoboron compounds to the ubiquity of organic scaffolds, advanced borylation reactions have the potential to open unprecedented synthetic alternatives, and new knowledge in the field should encourage chemists to use organoboron compounds.

In this volume, the main objective is to provide a collection of the most useful, practical, and reliable methods, reported mainly within the last decade, for boron activation and boron reactivity. The volume covers the main concepts of organoboron compounds and includes experimental procedures, enabling newcomers to the field the instant and reliable application of the new tools in synthesis. Rather than aiming for a comprehensive coverage, the most advanced solutions for challenging transformations are introduced. To this end, a team of pioneers and leaders in the field have been assembled who discuss both the practical and conceptual aspects of this rapidly growing field.

CONTENTS

1 Introduction
2 Mechanistic Aspects of Carbon—Boron Bond Formation
3 Diboron Compounds: Synthesis and Applications
4 Synthesis of gem-Diboron Compounds from Diboron Reagents
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6 Borylation of Carbonyl and Imine Groups
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**DESCRIPTION**
The Science of Synthesis Editorial Board, together with the volume editors and authors, is constantly reviewing the whole field of synthetic organic chemistry as presented in Science of Synthesis and evaluating significant developments in synthetic methodology. Several annual volumes updating content across all categories ensure that you always have access to state-of-the-art synthetic methodology.

**CONTENTS**
A table of contents is currently unavailable
EDITOR: Hedwig Manz is a retired naturopathy professional based in Mainz, Germany.

DESCRIPTION: The Art of Cupping

For over 5,000 years, cupping has been used across the globe to treat a broad spectrum of health disorders. It is a safe and well-tolerated therapy and requires only simple and inexpensive tools to achieve highly effective results. This comprehensive guide features all the information a practitioner needs, including step-by-step instructions for application, treatment of specific health problems, and a review of the historical background.

Key Features:

- Detailed explanation of dry and wet cupping
- Practical application described for 48 different disorders
- Illustrated by real-life photographs from the author's practice
- Compact, user-friendly format for easy reference

Each chapter of the practical section deals with a specific area of the body and the disorders associated with it. Each topic discusses a patient's complaint, the appropriate cupping application, supplementary and alternative therapies, as well as preventive treatment. Practice-oriented and highly detailed, this is an invaluable reference for experienced practitioners and students alike.

The second edition features new subchapters on cupping in foot reflexology, treating irritable bowel syndrome, vegetative regulation disorders, and burnout. The topics are presented in a new and improved layout and explained with the help of enhanced four-color illustrations.

The Art of Cupping is the ideal introduction to this fascinating traditional healing method, while also serving as a helpful review for the experienced practitioner.


CONTENTS: Part 1 Introduction and Foundations
1 Historical Background.
2 What Do We Mean by 'Cupping'?
3 The Therapeutic Conception of Dry Cupping
4 Self-regulatory Mechanisms in the Body—A Crash Course for Patients

**Part 2 Clinical Applications of Cupping Therapy**
5 Preliminary Comments
6 Dry Cupping
7 Wet Cupping

**Part 3 Cupping Therapy of Indicated Disorders and Complaints**
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15 Urinary Tracts
16 Nervous System
17 Venous Disorders
18 Obesity (Adipositas, Overweight)
19 Cellulitis (Adipositas Circumsctipta Oedematosa); Cellulite (Dermopanniculosis Deformans)
20 Weather Sensitivity and Weather-Triggered Symptoms and Complaints

**Part 4 Cupping Therapy in Conventional Western Medicine**
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Guide to Periodontal Treatment Solutions for General Dentistry

1st Edition

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FORMAT Softcover · 315 Illustrations · 255 Pages · 8.5 X 11 IN
MEDIA CONTENT Complimentary MedOne eBook and Videos
SPECIALTY General Dentistry, Periodontics, Education and Training
LEVEL 3rd and 4th year dental students (secondarily, 1st year residents and new general dentists)

DESCRIPTION

A unique how-to guide for dental trainees on the practical application of periodontal treatment

Guide to Periodontal Treatment Solutions for General Dentistry by Tobias Boehm and Sam Chui is a concise textbook on periodontics geared towards dental students, residents, and early-career general dentists. Each chapter includes cases and evidence-based practice exercises that illustrate key concepts and enable application of these concepts through independent study or non-lecture based teaching methods. The book is arranged in a logical sequence mirroring the manner in which patients present with periodontal disease, from the initial exam to state-of-the-art treatments.

The opening chapters cover gingivitis and disease basics, data collection, epidemiology, classification systems, and diagnosis. Subsequent chapters encompass a wide array of nonsurgical and surgical approaches for treating issues such as gum pockets, furcation, gingival recession, mucogingival defects, and tooth mobility, as well as when to refer patients. The latest methods for controlling gingival inflammation are discussed, including scaling and root planing, systemic and local antimicrobial therapy, antiseptics, lasers, and photodynamic therapy.

Key Features

- Case studies, review questions and explanations, coupled with diagrams and illustrations, enhance understanding and knowledge retention
- Nine chapters feature key points of periodontal treatment, with detailed step-by-step instructions on how to approach clinical problems
- Prognostic tools and risk assessments for predicting tooth longevity with discussion of various tooth replacement options

This is an essential resource that guides dental students, residents and early career stage dentists through the fundamental aspects of periodontal treatment. The book also provides an excellent classroom tool for dental school instructors.


COMPETITION

**Editors**

Michael Karsy, MD, PhD, MSc, is a Neurosurgical Resident, Department of Neurosurgery, University of Utah Medical Center, Salt Lake City, Utah.

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Rebecca Kim, MD, MPH, is an Instructor, Department of Surgery, Medical College of Wisconsin, Milwaukee, Wisconsin.

Jeffrey B. Horn, MD, is Assistant Clinical Professor, Department of Anesthesiology, University of Utah Medical Center, Salt Lake City, Utah.

**Description**

*A patient-focused practical handbook for rapid acquisition of broad surgical knowledge*

The Surgical Handbook by Michael Karsy and esteemed colleagues addresses training gaps by exposing early trainees, medical students, residents, advanced practice providers, and non-specialists to a diverse array of surgical subspecialty diseases and acute management topics. The impressive breadth of content presented in this resource reflects multidisciplinary contributions. The text covers far more than existing medical handbooks, while featuring concise distillation of key points conducive to learning.

The book is organized by 16 sections starting with general perioperative and operative management of topics that apply to all surgeons, such as critical care, trauma, and general surgery. Subsequent chapters encompass a full spectrum of surgical specialties—from vascular and cardiothoracic—to neurosurgery and orthopaedics, as well as handy evidence-based reference guides. The focused collection of topics within each section serves as a useful resource for learning about management of specific diseases and also a starting point for self-directed learning.

**Key Highlights**

- Bullet points, illustrations, diagrams, and figures enhance rapid acquisition of knowledge
- Tables on acute diagnosis and management of common inpatient scenarios such as electrolyte and acid/base disturbances provide easy-to-use tools
- Clinical references include practice pearls on trauma management, key medications for common inpatient conditions, acute patient events (e.g. cardiac and stroke), anesthesia and intubation medications, and preoperative and post-anesthesia issues
This backpack companion will benefit medical students and junior surgical residents during rotations and clerkships and help early-career clinicians gain insights into timely disease recognition, initial management, surgical risks, and when to make referrals.


CONTENTS
1 General Perioperative and Operative Management
2 Critical Care for Surgeons
3 Trauma
4 General Surgery
5 Vascular Surgery
6 Cardiothoracic Surgery
7 Otolaryngology
8 Ophthalmology
9 Plastic Surgery
10 Pediatrics
11 Genitourinary
12 Obstetrics/Gynecology
13 Dermatology
14 Neurosurgery
15 Orthopaedics
16 Medications and Rapid Access Information
Unique book provides comprehensive discussion of MIS versus traditional techniques in modern Acute Care Surgery

The combination of a surgeon shortage and poor access to emergency surgical care led to establishment of the Acute Care Surgery paradigm and subspecialty in 2003. Concurrently, minimally invasive approaches revolutionized surgical practice in the 21st century. In the U.S., acute care surgeons stand at the front line of patient care for emergency general surgery, trauma, and surgical critical care, and thus are positioned to positively impact healthcare delivery and costs. Surgical Decision Making in Acute Care Surgery by renowned surgeons Kimberly Davis and Raul Coimbra is the first text that comprehensively discusses when to use minimally invasive techniques and advanced technology versus traditional open procedures in acute traumatic and non-traumatic surgical emergencies.

The text begins with three opening chapters covering the background of the Acute Care Surgery subspecialty, anatomic and physiological considerations, and the impact of acute surgical illness on pre- and post-operative critical care decisions. Subsequent chapters outline surgical approaches for commonly encountered acute conditions. Trauma chapters cover interventions for cervical, blunt and penetrating abdominal, and thoracic injuries. Emergency general surgery topics run the gamut from appendicitis to emergency management of paraesophageal hernias and esophageal perforations. An impressive group of senior surgeons and younger rising stars in American surgery share their expertise throughout the book.

Key Highlights

- Disease-specific chapters include epidemiology, pathogenesis, diagnostic tools, treatment strategies, surgical techniques, cost analyses, complications, and national guidelines where available
- Subchapters feature expert commentary on preceding chapters, including clinical pearls and controversies (e.g. operative vs. nonoperative management)
- In-depth discussion of surgical decision making encompasses the type of surgical approach, as well as indications and contraindications for MIS
The roles of MIS procedures such as laparoscopy, thoracoscopy, radiology-based percutaneous techniques, as well as endovascular surgery are examined.

The quintessential resource on contemporary Acute Care Surgery practice, this is a must-read for residents, junior faculty, and practicing surgeons in this discipline.


**COMPETITION**


**CONTENTS**

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2. Anatomic and Physiological Considerations  
3. Impact of Acute Surgical Illness on Critical Care Decisions Pre- and Post-Operatively  
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