Springer Top Titles in Medicine
New Book Information
Case Based Echocardiography
Fundamentals And Clinical Practice
T. Abraham, Johns Hopkins University, Baltimore, MD, USA (Ed.)

Features
► Examines the explosion in new echocardiography technologies from a practical viewpoint
► Covers the day-to-day aspects of echocardiography practice
► Includes details of vascular imaging that reflect the current trend towards a more integrated cardiovascular approach

The book will provide a case-based introduction/primer to the practice of echocardiography with liberal use of images and actual patient histories. The reader will be able to gain extensive practical knowledge of the practice of echocardiography with the use of these case reports. These will concentrate on the skills necessary to increase specialist knowledge of echocardiography practice.

From the contents
Cutaneous Neural Neoplasms
A Practical Guide

Z. Argenyi, Professor, Pathology and Internal Medicine/Dermatology, Director of Dermatopathology, University of Washington Medical Center, Seattle, WA, USA; C. H. Jokinen, Dermatopathologist and Pathologist, Duluth Clinic Department of Pathology, Duluth, MN, USA

Features
- Differential diagnosis with tables and flowcharts
- Treatment summaries
- Generously illustrated, with various magnifications and explanatory symbols
- Includes histopathological features in tabulated form

As a result to the recent significant developments, both in the field of cutaneous pathology and clinical dermatology, many cutaneous neural tumors are now being diagnosed by specialists like dermatopathologists, and treated by dermatologists or dermatologic surgeons. Cutaneous Neural Neoplasms: A Practical Guide provides an essential aid in diagnosis by discussing the cardinal clinico-pathologic features of cutaneous tumors relevant to these specialists. It covers detailed pathologic features, and their differential diagnosis. Applicable special diagnostic techniques are extensively illustrated. Whenever relevant, key therapeutic recommendations are provided. The authors approach each entity by presenting clinical and/or gross photographs when relevant with discussion of the clinical features, followed by the tabulated list of key pathologic features with corresponding histopathologic illustrations. Therapeutic recommendations are summarized. Cutaneous Neural Neoplasms: A Practical Guide is an important new volume that fills a major gap in the currently available resources for practicing physicians, and provides them with an appropriate knowledge base to handle these challenging tumors in the most up-to-date fashion.

From the contents
Pulmonary Involvement in Patients with Hematological Malignancies

E. Azoulay, Hopital Saint Louis, Paris, France (Ed.)

Features

► Provides detailed information on all relevant aspects of pulmonary involvement in patients with hematological malignancies
► Leading experts discuss epidemiology, diagnostic strategy, lung infections, non-infectious pulmonary involvement, and treatment
► Presents invaluable "pearls" relating to each condition

The number of patients treated for hematological malignancies is increasing steadily. To maximize cure rates, aggressive treatments have been introduced, including high-dose chemotherapy, stem cell transplantation, and targeted therapies. As a result, overall and disease-free survival rates have improved substantially, but at the price of life-threatening toxic and infectious complications that chiefly target the lung. This book provides clinicians caring for patients with hematological malignancies with detailed, up-to-date information on all relevant aspects of pulmonary involvement. Individual sections are devoted to epidemiology, diagnostic strategy, lung infections, non-infectious pulmonary involvement, and treatment, including decision making in patients with acute respiratory failure. Each of these sections contains a number of chapters, all written by leading international experts. In addition, the reader’s attention is drawn to important "pearls" relating to each condition.

From the contents

Preamble and Introduction.-Epidemiology.-Diagnostic Strategy in Hematologic Malignancies Patients.-Lung Infections in Patients with Hematologic Malignancies.-Noninfectious Pulmonary Involvement in Patients with Hematologic Malignancies.-Treatment and Difficult Decisions in Patients with Hematologic Malignancies.-Pearls that You Should be Aware of.-Post Face.
The Elbow: Atlas of Surgical Exposure

L. Celli, A. Celli, University of Modena and Reggio Emilia, Italy

Features

- Illustrated text with more than 100 original surgical drawings and several surgical pictures gives both didactic and aesthetic value to the work

Using more than 100 original surgical drawings and several surgical pictures, this book describes all the surgical steps to perform elbow surgery. The final part of the book is dedicated to the description of the treatment of some common cases, such as elective and traumatic elbow pathologies. The illustrations give both didactic and aesthetic value to the work.

From the contents

Section 1: Surgical anatomy of the elbow.
Section 2: Surgical exposures.
Section 3: Practical approaches to the treatment of some common cases.
A Concise Guide to Nuclear Medicine
A. H. Elgazzar, Kuwait University, Department of Nuclear Medicine, Safat, Kuwait

Features
► Ideal guide for students, with clear presentation of material to assist rapid learning
► Explains the application of nuclear medicine techniques in different body systems and in oncology
► Includes a special chapter on radionuclide therapy
► Contains 125 high-quality illustrations and images

Nuclear medicine is an important component of modern medicine. This easy-to-use book is designed to acquaint readers with the basic principles of nuclear medicine, the instrumentation used, the gamut of procedures available, and the basis for selecting specific diagnostic or therapeutic procedures and interpreting results. After an introductory chapter on the history, technical basis, and scope of nuclear medicine, a series of chapters are devoted to the application of nuclear medicine techniques in the different body systems. In addition, the use of nuclear medicine methods within oncology is carefully examined, covering diagnosis, staging, assessment of treatment response, radiotherapy planning, and the sentinel node technique. The book concludes with a chapter devoted to nuclear medicine therapy. This practical and up-to-date guide to nuclear medicine is ideal for beginners and will also help professionals who need to retrieve useful information rapidly.

From the contents
Forthcoming
Due June 2011

Textbook of Clinical Pediatrics
A. Y. Elzouki, Umm Al-Qura University, Makkah, Saudi Arabia; F. B. Stapleton, University of Washington, School of Medicine, Seattle, WA, USA; R. J. Whitley, University of Alabama, School of Medicine, USA; W. Oh, Brown Medical School, Providence, RI, USA; H. A. Harfi, H. Nazer, Umm Al-Qura University, Makkah, Saudi Arabia

Features
- This textbook has a problem-based approach to pediatric diseases with a global appeal
- Evidence-based and supports practicing pediatricians, residents in training, medical students and family practitioners in their management of sick children

The first edition of this reference was hailed by the New England Journal of Medicine and the Mayo Clinic Proceedings as "an excellent resource", and this new edition builds on that excellence. Global in perspective, it is written by eminent pediatricians and scientists from four continents and offers a problem-based approach to pediatric diseases. It contains over three hundred chapters that encompass virtually all pediatric subspecialties, thoroughly covering every pediatric disease and organ system. Each chapter is clinically-oriented, and difficult subjects are treated with representative case studies that detail entire case histories. Well-structured, easy to read, and complete with over 750 lavish illustrations, this reference is indispensable for pediatricians and all health care professionals who work with pediatric patients.

From the contents
Advanced Surgical Facial Rejuvenation
Art and Clinical Practice
A. Erian, Cambridge, UK; M. A. Shiffman, Tustin, CA, USA (Eds.)

Features
► Covers all aspects of aesthetic facial surgery, from anatomy to the variety of current procedures, including ancillary techniques such as chemical peel, laser, and facial fillers
► Includes discussion of preoperative care, anesthesia, problems related to HIV infection, complications, and psychological aspects
► Richly illustrated
Written by internationally acclaimed experts

This richly illustrated book covers all aspects of aesthetic facial surgery, from anatomy to the variety of procedures employed in facial surgery, including ancillary techniques such as chemical peel, laser, and facial fillers. Both newer techniques and variations on older approaches are carefully presented and discussed. In addition, preoperative care is analyzed, and detailed attention is devoted to problems related to HIV infection, anesthesia, complications, and psychological aspects. The contributors are all internationally acclaimed experts in the field. The book will be an invaluable source of information for residents and fellows, practicing aesthetic surgeons, and surgeons in a variety of related fields.

From the contents
2nd Edition
The Daschner Guide to In-Hospital Antibiotic Therapy
European Standards

U. Frank, Freiburg University Medical Center, Freiburg, Germany; E. Tacconelli, Università Cattolica dei Sacro Cuore, Rome, Italy

Features

▶ The latest antibiotics/antifungals, together with the latest resistances-Infection therapy specifically tailored to the intensive care station
▶ More decision-making tree diagrams/flowcharts for the most relevant infections (hospital acquired pneumonia, sepsis, endocarditis, etc.)
▶ Conversion charts for correct dosing for those suffering from kidney failure
▶ Essential guidelines for antibiotics therapy (Dos & Don’ts)

It fits in every jacket pocket and provides a quick reference guide for all clinically active physicians in hospitals or doctor’s practices. With the nearly unmanageable number of antibiotics an up-to-date, clear-cut presentation is essential. In clear tables – sorted by substances, pathogens and indications – spectra and recommendations for dosages can be easily looked up. Special problems such as the use of antibiotics during pregnancy, in perioperative antibiotic prophylaxis, and for renal and hepatic insufficiency are also included. A guide for your daily work: handy, concise, and clear. Adjusted to European standards: Up-to-date substances, authorizations, resistances and trade names. The first guide to antibiotic therapy for Europe! The latest antibiotics/antifungals, together with the latest resistances-Infection therapy specifically tailored to the intensive care station More decision-making tree diagrams/flowcharts for the most relevant infections (hospital acquired pneumonia, sepsis, endocarditis, etc.) Conversion charts for correct dosing for those suffering from kidney failure

Essential guidelines for antibiotics therapy (Dos & Don’ts)

From the contents

Photodynamic Therapy in Dermatology

M. H. Gold, Vanderbilt University, Nashville, TN, USA (Ed.)

Features
- Covers all photosensitizers available worldwide, how to use them, where, and best practices
- Organized by disease category
- Newest FDA approved photosensitizer included
- Contributions from leading US and European researchers on PDT
- Details on how to incorporate PDT into daily clinical practice

Photodynamic therapy is a proven effective treatment of actinically damaged skin cells, nonmelanoma skin cancers, and acne and other pilosebaceous conditions. As an agent for general facial rejuvenation it has untapped potential. The current state of PDT therapy and future applications are discussed in detail in this exciting new volume. Throughout, the focus is on evidence-based clinical uses of PDT, including pretreatment regimens, avoidance and management of complications, and posttreatment suggestions.

From the contents
Clinical MRI of the Abdomen

Why, How, When

N. C. Gourtsoyiannis, University of Crete, Heraklion, Greece (Ed.)

Features

► Provides disease-oriented state of the art examination protocols
► Clearly explains why, when, and how abdominal MRI should be used
► Includes a wealth of high-quality illustrations
► Offers chapters on pediatric MRI, advances relevant to cancer patients, and the use of abdominal MRI at 3 Tesla

This volume, which explains why, when, and how abdominal MRI should be used, focuses in particular on the most recent developments in the field. After introductory chapters on technical considerations, protocol optimization, and contrast agents, MRI of the various solid and hollow viscera of the abdomen is addressed in a series of detailed chapters. Relevant clinical information is provided, and state of the art protocols presented. With the help of numerous high-quality illustrations, normal, variant, and abnormal imaging findings are described and potential artefacts highlighted. Differential diagnosis is given extensive consideration, and comparisons are made with competing methodologies when relevant. Each of the chapters is rounded off by a section on "pearls and pitfalls". The closing chapters focus on findings in the pediatric abdomen, advances in MRI specifically relevant to cancer patients, and the use of abdominal MRI at 3 Tesla. This book, written by leading experts, will be of value to all who are involved in learning, performing, interpreting, and reporting abdominal MRI examinations.

From the contents

1. History of Photodyna
3. Contrast Agents.
4. Liver and Biliary Tract.
5. Pancreas.
7. Adrenals.
8. Kidneys.
11. Pediatric Abdomen.
12. MRI Advances in Patients with Cancer.
13. Abdominal MRI at 3 Tesla.
Frozen Section Library: Bone
O. Hameed, S. Wei, G. P. Siegal, University of Alabama at Birmingham, AL, USA

Features
► Well illustrated
► Concise handbook
► Site specific

Frozen sections are performed while a patient is undergoing surgery as a basis for making an immediate diagnosis that will impact treatment decisions. Frozen section diagnosis is often a highly demanding situation for the pathologist who must render a diagnosis quickly for the patient and surgeon. The Frozen Section Library series will provide concise, user-friendly, site specific handbooks that are well illustrated and highlight the pitfalls, artifacts and differential diagnosis issues that arise in the hurried frozen section scenario.

From the contents
1. History of Photodynamic
2. INTRODUCTION.
3. BONE/OSTEOID PRODUCING LESIONS.
4. CARTILAGE-PRODUCING LESIONS.
5. FIBROUS AND FIBROHISTIOCYSTIC LESIONS.
6. GIANT CELL RICH LESIONS.
7. SMALL/ROUND CELL LESIONS.
8. CYSTIC AND VASCULAR LESIONS.
9. EPITHELIAL LESIONS.
10. SUGGESTED READINGS
High-Field MR Imaging

J. Hennig, Universitätsklinikum Freiburg; O. Speck, Otto-von-Guericke University Magdeburg (Eds.)

Features

► Discusses the possibilities, challenges, and limitations of high-field MR technology
► Explains the technological background in a non-technical and accessible way
► Examines the applications of high-field MR imaging in radiology, neuroscience, oncology, and other fields, with the aid of many high-quality illustrations
► Will appeal to radiologists, neuroscientists, oncologists and others with an interest in the field

This book describes the current status of the very rapidly developing field of high-field MR and examines the possibilities, challenges, and limitations of this fascinating technology. In the initial chapters, the basic technological background is explained in a non-technical way so as to promote understanding of the issues and concepts and avoid overwhelming the reader with excessive detail. Safety issues, methods, and contrast are then carefully considered. The final part of the book examines the diverse applications of high-field MR imaging in radiology, neuroscience, oncology, and other fields, with the aid of numerous high-quality illustrations. All chapters are written by leading experts who have taken great care to illustrate the potential and progress of the field in an informative and accessible manner. The book will appeal to all with a potential interest in the application of high-field MR imaging, including radiologists, neuroscientists, and oncologists.

From the contents

Cardiothoracic Surgery in the Elderly
M. R. Katlic, Geisinger Wyoming Valley Medical Center, Department of Thoracic Surgery, Wilkes-Barre, PA, USA (Ed.)

Features
► Presents both evidence and techniques for cardiac surgery in the elderly to establish the best possible outcomes for patients
► First book to review the substantial body of knowledge that has been developed in recent years related to geriatric cardiothoracic surgical problems
► Features the foremost knowledge and expertise of the pioneers in geriatric surgery.

Cardiothoracic Surgery in the Elderly: Evidence Based Practice is an important and timely book that reflects the thoughtful work of pioneers in geriatric surgery. It encompasses their knowledge related to geriatric surgery, and their reflections and guidance on the rapidly accumulating knowledge related to improving the health and surgical care of seniors. This book provides a scholarly review of the constantly expanding knowledge base about cardiovascular and thoracic surgery in seniors. The book follows a logical sequence covering general aspects of care, cardiac surgery and thoracic surgery in seniors. Chapters are focused on common, devastating and often missed complications of surgical care in the seniors. These include delirium, depression, pressure sores, functional losses, incontinence, volume depletion and asymptomatic or atypical complications - myocardial infarction, post-operative diarrhea, urinary track infections and pneumonia. Each is expertly reviewed. Strategies to help the surgeons and the surgical team anticipate, recognize and effectively prevent or manage such problems are discussed and the evidence basis for such strategies is provided. Cardiothoracic Surgery in the Elderly: Evidence Based Practice is particularly timely and the first to review the substantial body of knowledge that has been developed in recent years related to geriatric cardiothoracic surgical problems. It catalogs well the expanding knowledge basis for achieving successful surgical outcomes in the very old. It provides a most useful resources for cardiovascular thoracic surgeons in training and those already in practice.

From the contents
Handbook of Pediatric Chronic Pain
Current Science and Integrative Practice

B. C. McClain, Yale University School of Medicine, New Haven, CT, USA; S. Suresh, Northwestern University Feinberg School of Medicine, Chicago, IL, USA (Eds.)

Features
- Science of chronic pain in children is balanced by practical care plans and algorithms
- Rationales for treatment are guided by up-to-date reviews and exhaustive references
- Highly comprehensive, including many "pearls" in the recognition and management of childhood chronic pain syndromes

The purpose of this text is to provide not only the science and current knowledge of pediatric pain management but a rationale for intervention. The book is ground-breaking in that it provides pearls for the recognition and management of multiple childhood chronic pain syndromes. Also, uncommon yet confounding issues such as pain management for epidermolysis bullosa are adequately addressed. Concerns unique to pediatric patients are reviewed. While there are no firm standards in pediatric chronic pain, a care plan is offered to help guide practitioners when possible.

The book will consist of 24 chapters, many co-written by a physician and a psychologist. Chapter 1 covers the history of pediatric chronic pain, the advancement pediatric pain as a clinical subspecialty, development of pediatric pain clinics, and characterization of the common pain syndromes. Chapters 2-4 cover, respectively, the research on early pain exposure and neuroplasticity, theories on the common adolescent pain syndromes, and the demographics of chronic pain in children. Chapters 5-16 discuss approaches to assessment and intervention for specific pediatric and adolescent pain syndromes. Chapters 17-23 address interventional techniques such as therapeutic blocks, neurablation, implantable systems, physical therapy, complementary therapy, and pharmacology including opioid tolerance. The final chapter discusses the role of the nurse practitioner in pediatric chronic pain.
Forthcoming
Due March 2011

Laparoscopic Gastric Banding
K. Miller, Krankenhaus Hallein, Germany

Features
► Unique view to laparoscopic gastric banding
► With many color illustrations
► Written by an expert
► State-of-the-art contents

The Operation Primer provides excellent photographic step-by-step guidance to the surgical procedure. It has been produced to describe the operation in the simplest manner possible without over-simplifying. The core of the Operation Primer is the section on Nodal Points, where the surgical key steps are described in detail. This surgical guide book provides essential reference material to surgeons wishing to update their knowledge in this specific area.

From the contents
1. History of PhotodynaHasson method (open technique).- Trocar with optical obturator.- Veress needle (closed technique).- acing the working trocars XX Exploring the abdominal cavity.- Identifying the anatomical landmarks.- Dissecting the Pars flaccid; Dissecting the Angle of His.- Introducing the gastric band.- Creating the retrocardial tunnel and connecting the gastric band with Goldfinger™.-

2011. Approx. 80 p. 10 illus. in color. (Operation Primers, Volume 8) Soft-cover
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► approx. * € (D) 32,05 | € (A) 32,94 | sFr 43,00

Bookstore location
Medicine

Fields of Interest
Surgery; Abdominal Surgery

Level
Professional/practitioner

Type of Publication
Monograph
Molecular Diagnostics in Dermatology and Dermatopathology

M. J. Murphy, University of Connecticut Health Center, Farmington, CT, USA (Ed.)

Features

- Molecular studies with direct diagnostic utility
- Methods most commonly used in the clinical laboratory
- Integration of newer diagnostic and prognostic techniques

Molecular Diagnostics in Dermatology and Dermatopathology presents the basics of molecular biology and molecular diagnostic methods most commonly used in the clinical laboratory, with an emphasis on the concepts and testing most relevant to dermatological diseases. Topics include the integration of newer diagnostic and prognostic techniques with ‘traditional’ histologic approaches, and discussions of regulatory, ethical, legal, economic issues and ‘newer’ technologies. This important diagnostic tool outlines the clinically relevant uses (i.e.; diagnostic, staging and/or prognostic) applications of these techniques in the field of dermatology. Molecular studies that investigate the pathogenesis of skin diseases will be excluded, unless they also have a direct diagnostic utility. The book will be of interest to practicing pathologists, dermatology and pathology residents, dermatologists, and dermatopathologists.

From the contents

1. History of Photodynamic Introduction to Molecular Diagnostic Testing in Dermatology and Dermatopathology.
2. Principles of Molecular Biology.
3. Technologies in the Molecular Diagnostics Laboratory.
4. Cytogenetics of Primary Skin Tumors.
5. Melanocytic Neoplasms I: Molecular Diagnosis.
10. Mycosis Fungoides and Related Lesions.
11. Cutaneous non-MF T-cell and NK-cell Lymphoproliferative Disorders.
13. Leukemia Cutis.
15. Infectious Diseases of the Skin I: Dermatophytosis / Onychomycosis.
16. Infectious Diseases of the Skin II: Non-Dermatophytic Infections.
17. Wound Healing Disorders: Chronic Wounds and Keloids.
18. Alopecias.
21. Pharmacogenetics and Pharmacogenomics I: Linking Diagnostic Classification to Therapeutic Decisions.
22. Pharmacogenetics and Pharmacogenomics II: Genetic Determinants of Drug Responses and Adverse Drug Reactions.
23. Regulatory, Legal, Coding, Billing, Reimbursement, and Ethical Considerations for Molecular Diagnostic Testing in Dermatology and Dermatopathology.
Cytoskeleton of the Nervous System

R. A. Nixon, A. Yuan, Nathan S. Kline Institute for Psychiatric Research, New York, NY, USA (Eds.)

Features

- Describes cytoskeleton in axonal development and pathology, microtubules and associated proteins, neurofilaments and interacting proteins, actin and its binding proteins, and glial fibrillary acidic protein
- Focuses on functional significance of neuronal cytoskeleton in axonal transport
- Encourages further development of unifying principles, stimulates new conceptual and technical approaches toward a better understanding of cytoskeleton functions in health and disease

This monograph begins with a general description of the cytoskeleton in axonal development and pathology and then moves to more detailed descriptions of particular components, including microtubules and associated proteins, neurofilaments and interacting proteins, actin and its binding proteins, and glial fibrillary acidic protein. The later chapters focus on the functional significance of the neuronal cytoskeleton in axonal transport and its regulation in health and disease states. The Cytoskeleton of the Nervous System will encourage further development of unifying principles and stimulate new conceptual and technical approaches toward a better understanding of cytoskeleton functions in health and disease.

From the content

The Poly-Traumatized Patient with Fractures
A Multi-Disciplinary Approach

H. Pape, University of Aachen, Germany; R. Sanders, Florida Orthopedic Institute, Temple Terrace, FL, USA; J. Borrelli, Southwest Medical Center, Dallas, TX, USA (Eds.)

Features
- Practical guide written by international experts in the field
- Covers trauma and orthopedics in an integrated fashion
- Combines anatomic location with frequent injury combinations

This guide provides practical information for the care of patients with blunt injuries. It covers the care for truncal injuries (head, chest, abdomen) and fracture care of the extremities, the pelvis, and the spine in a condensed fashion. Unlike previous, anatomically oriented outlines, this combines the anatomic location with frequent injury combinations. It is written for orthopedic and trauma surgeons, offering them a condensed outline of fracture treatment. In addition, all aspects of trauma care are covered, including associated injuries that may alter the decision making in patients with polytrauma.

From the contents
Laser and IPL Technology in Dermatology and Aesthetic Medicine

C. Raulin, S. Karsai, Laserklinik Karlsruhe (Eds.)

Features
► Is a well-structured and user-friendly guide
► Is abundantly illustrated
► Includes how-to-do sections

The editors have gathered 15 laser experts from the United States, Europe and Asia to present the most up to date information in cutaneous laser surgery and intense pulsed light technologies. This innovative book describes new laser techniques (laserlipolysis, fractional photothermolysis, among others) and provides expert guidance on using lasers successfully in over 80 clinical indications.

From the contents
Principles and Practice of Cancer Infectious Diseases

A. Safdar, The University of Texas, MD Anderson Cancer Center, Infectious Diseases Department, Houston, TX, USA (Ed.)

Features
- Updates recent Infectious Diseases-related issues and emerging concerns
- Offers strategies for preventing infections in patients for whom conventional measures may not be as effective
- Emphasizes clinical problems specific to this patient population

Principles and Practice of Cancer Infectious Diseases is a comprehensive and insightful work dedicated to elucidating the problem of infections in cancer patients. This essential volume reviews common and less often encountered infections, while establishing the difficulties behind preventing, diagnosing, and treating infectious diseases in cancer patients. Key sections are devoted to the presentation of clinical symptoms and the identification of major etiologic agents. A cadre of leading clinicians provide a detailed assessment of the risk factors for various infections, critical strategies in preventing and managing infections, and study of the interactions between the pathogen and host's immune function and inflammatory response. With its in-depth knowledge and concise treatment of the distinct facets of infections in cancer patients, this volume is an indispensable tool for all infectious disease specialists and clinical oncologists.

From the contents
Forthcoming
Due March 2011

**Congenital Thoracic Wall Deformities**
Diagnosis, Therapy and Current Developments
A. H. Schwabegger, Medizinische Universität Innsbruck, Austria (Ed.)

**Features**
- Offers a compact survey of diagnosis, treatment and future options of congenital thoracic anomalies
- Combines experience of international experts
- Written with a multidisciplinary approach

These congenital deformities, funnel or keel chest deformities, as well as Poland syndromes, affect a small group of patients who suffer from aesthetic rather than functional impairment. The wide variety of diagnoses and recommended therapies, mostly surgical procedures, can be very confusing for patients, their parents, physicians and surgeons. In recent years several techniques have been refined and developed to deal with these complex problems, and surgeons with different specialties have been operating on these deformities, mostly as lonely experts in their respective fields.

This book should not be seen as an operation atlas but more as a compact survey of a small group of medical conditions and the need for flexible options for an individual therapeutic approach, based on the combined experience of different international specialists. Thus the book is designed for obstetricians, pediatricians, physicians and surgical specialists alike.
Principles and Practice of Anesthesia for Thoracic Surgery

P. Slinger, MD, FRCPC, University of Toronto, Toronto General Hospital, Toronto, ON, Canada (Ed.)

Features
- Covers recent advances in anesthesia for thoracic surgery
- New topics include advances in management of one-lung anesthesia, lung isolation, lung transplantation, pharmacologic therapy of pulmonary hypertension
- Features sections specifically designed to interest residents: clinical case discussions at the end of each clinical chapter and practical tables describe detailed anesthetic management

Principles and Practice of Anesthesia for Thoracic Surgery will serve as an updated comprehensive review covering not only the recent advances, but also topics that haven’t been covered in previously published texts: extracorporeal ventilatory support, new advances in chest imaging modalities, lung isolation with a difficult airway, pulmonary thromboendarterectomy, and chronic post-thoracotomy pain. Additionally, the book features clinical case discussions at the end of each clinical chapter as well as tables comprising detailed anesthetic management.

From the contents
Dermal Tumors: The Basics

B. R. Smoller, K. M. Hiatt, University of Arkansas for Medical Sciences, Little Rock, Arkansas, USA

Features
- Illustrated in full-color
- Bulleted text in organized outlines are user-friendly
- One of five basic dermatopathology volumes by the author created in a similar and practical format

Dermal Tumors: The Basics will serve as an effective and efficient handbook for the student of dermatopathology, and as a practical bench reference for the practicing diagnostician who desires rapid access to criteria that are useful in differentiating histologically similar entities. The reader will be able to focus upon a single histologic observation, i.e., inflammatory conditions without epidermal changes, and use this as a starting point from which to build a differential diagnosis based upon pattern recognition. As each entity is addressed, there will be a concise discussion of the basic clinical findings and epidemiologic associations. This will be followed by a histologic description, highlighting areas that serve to discriminate between the entity under discussion and similar ones. Any immunologic studies that might augment the diagnostic sensitivity or specificity will be discussed. The chapters are thematically based and consist of essential bullet points arranged in organized outlines allowing for easy access and direct comparison between entities. The salient histologic features are depicted with abundant high quality, full-color photomicrographs placed immediately adjacent to the appropriate histologic bullet points. This volume will serve as an effective and efficient handbook for the student of dermatopathology, and as a practical bench reference for the practicing diagnostician who desires rapid access to criteria that are useful in differentiating histologically similar entities. The elaborate pictorial documentation will also enable the book to serve as an atlas of the commonest dermatologic disorders.

From the contents
Regenerative Medicine

G. Steinhoff, University of Rostock, Germany (Ed.)

Features

- First comprehensive textbook on regenerative medicine
- Integrated basic research, clinical application and technology knowledge overview
- World leading research and clinical experts

Regenerative Medicine is a fastly emerging interdisciplinary field of research and clinical therapies on the repair, replacement or regeneration of cells, tissues or organs in congenital or acquired disease. This new field of research and clinical development focussing on stem cell science and regenerative biology is just starting to be the most fascinating and controversial medical development at the dawn of the 21st century. Viewing the great expectations to restructure and regenerate tissue, organs or organisms the current attempts of scientist and physicians are still in an early phase of development. This new textbook on "Regenerative Medicine – from protocol to patient" is aiming to explain the scientific knowledge and emerging technology as well as the clinical application in different organ systems and diseases. The international leading experts from four continents describe the latest scientific and clinical knowledge of the field of "Regenerative Medicine". The process of translating science of laboratory protocols into therapies is explained in sections on basic science, clinical translation, regulatory, ethical and industrial issues. The textbook is aiming to give the student, the researcher, the health care professional, the physician, and the patient a complete survey on the current scientific basis, therapeutical protocols, clinical translation and practised therapies in Regenerative Medicine.

From the content

Laparoscopic and Robot-Assisted Surgery in Urology
Atlas of Standard Procedures

J. Stolzenburg, University of Leipzig, Leipzig, Germany; I. A. Türk, Caritas St. Elizabeth’s Medical Center, Boston, MA, USA; E. N. Liatsikos, University of Patras, Patras, Greece (Eds.)

Features

► Offers a detailed, step-by-step guide to all the standard laparoscopic and robot-assisted procedures used in urology
► Includes numerous supporting endoscopic images and diagrams
► Provides the type of structured training scheme required to enable the modern urologist to adapt to and make optimal use of these techniques

Operative urology has evolved in recent years to include laparoscopic and robot-assisted surgical procedures, which have resulted in significant improvements in quality of life-related outcome. Nevertheless, training methods in urologic laparoscopy and robot-assisted surgery vary considerably, and a structured training scheme is required to enable the modern urologist to adapt to and make optimal use of these techniques. Accordingly, the main goal of this surgical atlas is to guide the urologist carefully through all the standard laparoscopic and robot-assisted procedures. Each procedure is presented in detail with numerous supporting endoscopic images and diagrams. The reader is thereby acquainted with the different surgical steps and will acquire the knowledge necessary for reliable reproduction of the techniques in clinical practice.

From the contents

CT of the Acute Abdomen

P. Taourel, Hôpital Lapeyronie, Montpellier, France (Ed.)

Features

► Provides an in-depth and comprehensive account of the use of CT in patients with acute abdomen
► Features a particular focus on recent significant developments in CT relevant to imaging of the acute abdomen, such as multislice CT and multiplanar reconstructions
► Takes full account of new trends in diagnosis and management and examines the role of CT in this context
► Clearly documents pitfalls and differential diagnoses

CT of the Acute Abdomen provides a comprehensive account of the use of CT in patients with acute abdomen. Recent important developments in CT, including multislice CT and multiplanar reconstructions, receive particular attention. CT features are clearly illustrated, and pitfalls and differential diagnoses are discussed. The first section of the book presents epidemiological and clinical data in acute abdomen. The second and third sections document the key CT findings and their significance and discuss the technological background. The fourth and fifth sections, which form the main body of the book, examine in detail the various clinical applications of CT in nontraumatic and traumatic acute abdomen. This book will serve as an ideal guide to the performance and interpretation of CT in the setting of the acute abdomen; it will be of value to all general and gastrointestinal radiologists, as well as emergency room physicians and gastrointestinal surgeons.

From the contents

2nd Edition

Raising of Microvascular Flaps
A Systematic Approach

K. Wolff, F. Hölzle, Clinic and Policlinic for Oro-Maxillofacial Surgery, Munich, Germany

Features

- Systematic approach to the techniques of microsurgical tissue transfer
- Brilliant photographs and artwork clearly showing all the surgical steps and the underlying anatomy
- Covers all commonly used soft-tissue and bone flaps including a new series of perforator flaps
- Step-by-step instructions given in videos on a DVD
- Raising of Microvascular Flaps provides all those dealing with microsurgical tissue transfer, i.e. plastic surgeons, ENT surgeons, trauma surgeons, and oral and maxillofacial surgeons with all they need to know in their daily practice
- A microvascular transplant or flap, involves transplanting nonessential donor tissue from one part of the body to another to restore form or function
- The systematic approach of this operative manual is based on photographs of perfect quality showing cadaver preparations alongside explanatory color drawings
- A clear didactic structure and perfect artwork supply the surgeon with invaluable guidelines for his daily work.

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Plastic Surgery; Otorhinolaryngology

Level

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