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**Application of the Neutral Zone in Prosthodontics**

Joseph J. Massad, David R. Cagna, Charles J. Goodacre, Russell A. Wicks & Swati A. Ahuja

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*Application of the Neutral Zone in Prosthodontics* offers a step-by-step guide to successfully designing and placing complete and implant-retained dentures using neutral zone concepts.

- Illustrates every technique described with more than 300 color photos
- Covers all phases of complete denture therapy
- Presents a step-by-step assessment and examination protocol
- Details the importance of accurate diagnosis and prognosis prior to committing to treatment
- Describes an alternative to traditional impressioning procedures that can be accomplished in a single appointment

**About the Authors**

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*Atlas of Orthodontic Case Reviews* offers a comprehensive resource to the treatment of orthodontic malocclusions with a case-based approach.

- Discusses and illustrates the treatment of orthodontic malocclusions using actual clinical cases
- Presents more than 800 clinical photographs showing the stages of each treatment, to act as a visual reference
- Includes a description of each malocclusion, an explanation of the desired treatment outcomes, an account of the changes, and review questions for each case

**About the Authors**

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Clinical Cases in Endodontics
Takashi Komabayashi


A problem-based text that presents a wide range of real cases in endodontics

Clinical Cases in Endodontics presents actual clinical cases, accompanied by academic commentary, that question and educate the reader about essential topics in endodontic therapy. It begins with sets of cases illustrating the most common diagnoses and the steps involved in preparing a treatment plan. Subsequent chapters continue in this style, presenting exemplary cases as the basis of discussing various treatment options, including nonsurgical root canal treatment, re-treatment, periapical surgery, internal and external resorption, emergencies and trauma, and treating incompletely developed apices. The progression from common to increasingly challenging clinical cases enables readers to build their skills, aiding the ability to think critically and independently. The Clinical Cases series is designed to recognize the centrality of clinical cases to the profession by providing actual cases with an academic backbone. Clinical Cases in Endodontics applies both theory and practice to real-life cases in a clinically relevant format. This unique approach supports the trend in case-based and problem-based learning, thoroughly covering the full range of endodontic treatment.

- Unique case-based format supports problem-based learning
- Promotes independent learning through self-assessment and critical thinking
- Covers all essential topics within endodontics
- Presents numerous illustrations and photographs throughout to depict the concepts described

Clinical Cases in Endodontics is an ideal resource for students mastering endodontic treatment, residents preparing for board examinations, and clinicians wanting to learn the most recent evidence-based treatment protocols.

About the Author
Takashi Komabayashi, D.D.S., M.Dent.Sc., Ph.D., is a Diplomate of the American Board of Endodontics and Clinical Professor at the University of New England College of Dental Medicine in Portland, Maine, USA.
A comprehensive textbook on the principles and practice of sedation in dentistry

Drawing on the success of Clinical Sedation in Dentistry, this new edition covers all aspects of conscious sedation in dentistry. Written by experienced educators and internationally renowned researchers in the field, Conscious Sedation for Dentistry, Second Edition has been fully updated to include new national guidelines and equipment recommendations, and a companion website featuring self-assessment questions.

Clear, concise, and reader-friendly throughout, chapters cover anxiety management, applied anatomy and physiology, patient assessment, pharmacology of sedation agents, oral and intranasal sedation, inhalation sedation, intravenous sedation, complications and emergencies, sedation and special care dentistry, and medico-legal and ethical considerations.

Conscious Sedation for Dentistry, Second Edition is ideal for undergraduate dental students and dentists undertaking conscious sedation, as well as dental nurses completing post-registration sedation courses.

About the Authors

N. M. Girdler, PhD, BDS, BSc, FDSRCS, FFDRCS, Professor of Sedation Dentistry at the School of Dental Sciences, Newcastle University, Newcastle upon Tyne, UK.

C. M. Hill, MDSc, FDSRCS, LDSRCS, BDS, MSc, Consultant in Oral and Maxillofacial Surgery at the University of Wales College of Medicine, Dental Hospital, Cardiff, UK.

K. E. Wilson, PhD, BDS, MSc, MFDSRCS, DDPHRCS, Associate Specialist in Sedation Dentistry at Newcastle Dental Hospital, Newcastle upon Tyne, UK.
Decision Making in Dental Implantology: Atlas of Surgical and Restorative Approaches offers an image-based resource to both the surgical and restorative aspects of implant therapy, presenting more than 2,000 color images with an innovative case-by-case approach.

- Takes a highly pictorial approach to all aspects of implant dentistry
- Discusses both the surgical and restorative aspects of implant therapy in a single resource
- Describes a wide range of clinical scenarios likely to be encountered in daily practice
- Covers anterior, posterior, and full-mouth restorations
- Presents more than 2,000 color images showing the basic concepts and clinical cases

About the Authors

Mauro Tosta, DDS, MSc, PhD, is a specialist in Periodontology and Dental Implantology, ITI Fellow and Speaker, Leadership Team — Brazilian Section, and owns a private practice focused in Esthetic Dentistry, Oral Rehabilitation, Periodontics and Implantology in São Paulo, Brazil.

Gastão Soares de Moura Filho, DDS, MSc, PhD, is a Fellow and Speaker of the Brazilian Section of ITI — International Team for Oral Implantology and is in private practice in São Paulo, Brazil.

Leandro Chambrone, DDS, MSc, PhD, is an Associate Professor in the Unit of Basic Oral Investigation (UIBO) at El Bosque University in Bogotá, Colombia and Visiting Assistant Professor in the Department of Periodontology at the University of Iowa in Iowa City, Iowa, USA.
Essential Dental Therapeutics is a practical guide to drugs and their effects on dental care. Covering both medical and dental prescribing, all major categories of prescription drugs, their possible side effects, and potential drug interactions are discussed. The medical section is succinct and easily understandable, providing busy dentists with the information they need about medical conditions and the drugs used to treat them. The dental section offers practical, straightforward information that is relevant to everyday dental prescribing.

All clinical contributing authors are medically and dentally trained, and both strands are fully integrated throughout the text. Readers can test their knowledge by using the key topics and learning objectives at the start of each chapter, and by accessing the companion website featuring self-assessment questions. Essential Dental Therapeutics is a practical reference for dental students and practitioners, ensuring they are safe and informed in everyday practice.

About the Editor
David Wray is Emeritus Professor at the University of Glasgow, and previously Dean of the Glasgow Dental School, UK and the Hamdan bin Mohammed College of Dental Medicine in Dubai, United Arab Emirates. He is a former chair of the Dental Advisory Group of the British National Formulary, and his research interests include oral ulceration, candidal infections, mucosal immunology and facial pain.
**Fundamentals of Oral and Maxillofacial Radiology**

J. Sean Hubar

**Series:** Fundamentals (Dentistry)
**ISBN:** 978-1-119-12221-0 | Jul 2017 | 264PP

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**Fundamentals of Oral and Maxillofacial Radiology** provides a concise overview of the principles of dental radiology, emphasizing their application to clinical practice.

- Distills foundational knowledge on oral radiology in an accessible guide
- Uses a succinct, easy-to-follow approach
- Focuses on practical applications for radiology information and techniques
- Presents summaries of the most common osseous pathologic lesions and dental anomalies
- Includes companion website with figures from the book in PowerPoint and x-ray puzzles

**About the Author**

**J. Sean Hubar, DMD, MS,** is Professor in the Department of Diagnostic Sciences at Louisiana State University School of Dentistry in New Orleans, Louisiana, USA.

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The *Manual of Clinical Procedures in Dentistry* covers everything you need to know about the core procedures in dentistry, how to do them, and the rationale that underpins them. Full of useful and easy-to-access information, it acts as a compendium of practical procedures in primary dental care, supporting students and dental practitioners in their daily professional and academic life.

**About the Editors**

*Nairn Wilson* is Honorary Professor of Dentistry at King's College London Dental Institute, UK. Nairn is a past President of the General Dental Council, and former Dean and Head of the King's College London Dental Institute, UK.

*Stephen Dunne* is the Maurice Wohl Chair in Primary Dental Care at King's College London Dental Institute, UK.
Microsurgery in Endodontics provides the definitive reference to endodontic microsurgery, with instructive photographs and illustrations.

- Provides a definitive reference work on endodontic microsurgery
- Includes contributions from pioneers and innovators in the field of microsurgical endodontics
- Describes techniques for a wide range of microsurgical procedures
- Includes more than 600 instructive illustrations and photographs

About the Editors

Syngcuk Kim, DDS, PhD, MD (Hon), is Louis I. Grossman Professor and Chairman Emeritus in the Department of Endodontics and Associate Dean for Global Affairs at the University of Pennsylvania School of Dental Medicine, USA, and maintains a private practice in New York, USA.

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Orthodontics for Dental Hygienists and Dental Therapists
Tina Raked


Covers essential orthodontic theory for dental hygienists and dental therapists

Clear, comprehensive, and easy to read, Orthodontics for Dental Hygienists and Dental Therapists outlines orthodontic theory and explains clinical techniques, without assuming prior knowledge. By learning the orthodontic mechanics and fundamentals, dental hygiene and therapy students can become valuable team members in an orthodontic practice.

Written in a student-friendly style, the text begins by outlining craniofacial growth and tooth development, orthodontic assessment, and biomechanics and anchorage, before introducing fixed and removable appliances, class I, II and III treatment principles, and cleft palate treatment, and ending with a chapter on adult orthodontics.

- Student-friendly guide to essential orthodontic theory and clinical techniques for dental hygienists, dental therapists, and oral health therapists
- Superbly illustrated with explanations on terminologies, orthodontic appliances, instruments, and procedures
- Features multiple choice questions at the end of each chapter and interactive self-assessment questions on a companion website to help you test your knowledge

The ideal overall introduction to orthodontics, Orthodontics for Dental Hygienists and Dental Therapists is an indispensable companion for those wishing to pursue a career in orthodontic practices after graduation.

About the Author
Tina Raked is an Oral Health Therapist at Chatswood Orthodontics, New South Wales, Australia.
Quick Reference to Dental Implant Surgery offers busy practitioners quick access to all the essential information needed for successful dental implant surgery — from case selection to radiographic examination, scrub-in to post-operative care.

- How-to information in a concise, spiral-bound, quick-access format
- Concrete guidelines for common scenarios before, during, and after surgery
- Numerous charts, tables, checklists, and callouts
- An abundance of stunning, full-color photographs illustrating key points covered
- Text boxes containing clinical recommendations to help facilitate quick navigation

About the Author

Mohamed A. Maksoud, DMD, is board certified by the American Board of Implantology/Implant Dentistry and diplomate of the International Congress of Oral Implantology, and is part of the Department of Oral Medicine Infection and Immunity of Harvard University School of Dental Medicine in Boston, Massachusetts, USA.
Supra-Gingival Minimally Invasive Dentistry: A Healthier Approach to Esthetic Restorations provides a real-world approach to healthier supra-gingival minimally invasive restorations, as an alternative to more invasive mechanically retained restorations, such as full crowns.

- Provides practical, step-by-step coverage of the key elements in diagnosis, case planning, preparation, restorations, and cementation of bonded restorations
- Offers excellent and simple explanations of the latest in adhesive dentistry and the proper selection of restorative materials
- Covers both anterior and posterior direct and indirect bonded restorations, offering a better, healthier approach
- Presents hundreds of beautiful images showing planning, preparation, and restoration principles and treatment
- Features the contributions of Dr Ray Bertolotti, Contributing Editor, and a foreword written by Gordon J. Christensen, DDS, MSD, PhD, CEO of Clinicians Report Foundation and Practical Clinical Reports

About the Author

Jose-Luis Ruiz, DDS, FAGD, is a researcher, educator, and clinician. He is Director of the Los Angeles Institute of Clinical Dentistry in Los Angeles, California, USA, and Honorary Clinical Professor at Warwick University in Coventry, England. He is also an Associate Instructor at Practical Clinical Courses in Provo, Utah, USA.

- Includes a brand new chapter on emergency morphology, designed to make the clinical significance and urgency of certain laboratory findings clear for biomedical scientists and to assist trainee haematologists in the recognition of major clinically important abnormalities
- Contains exceptional full colour images throughout
- Introduces important basic concepts of hematology, setting haematological findings in a clinical context
- Provides a fully updated self-assessment section
- An essential resource for trainee haematologists, biomedical scientists, and biomedical science and medical students

**About the Author**

**Barbara J. Bain, MB BS, FRACP, FRCPath**, Professor of Diagnostic Haematology, St Mary’s Hospital Campus, Imperial College London Faculty of Medicine, and Honorary Consultant Haematologist, St Mary’s Hospital, London, UK.
Acute Medicine
A Practical Guide to the Management of Medical Emergencies, 5th Edition
David Sprigings & John B. Chambers

ISBN: 978-1-118-64428-7 | Jul 2017 | 784PP
Previous Edition: 978-1-4051-2962-6
Previous Editions Licensed in: Dutch, Greek, Japanese, Orthodox Chinese, Polish, Russian

Acute Medicine offers an accessible and concise guide to the practical management of all acute medical problems likely to be encountered in the emergency department, ambulatory care centre, acute medical unit or on the wards. Reflecting the maturation of acute medicine as a separate specialty, the book is divided into common presentations, specific problems and procedures. New to the fifth edition is a chapter on bed-side ultrasonography; throughout, emphasis is placed on patient safety, and the use of flow diagrams, tables and figures ensures that key information is quickly accessible.

Thoroughly revised by experts in the subject, and updated to reflect current approaches to diagnosis and management, Acute Medicine is an excellent companion for the trainee as well as an aide-mémoire for the more experienced physician.

About the Editors
David Sprigings, Consultant Physician 1993-2016, Northampton General Hospital, Northampton, UK.
John B. Chambers, Professor of Clinical Cardiology and Consultant Cardiologist, Guy’s and St Thomas’ Hospitals, London, UK.
A comprehensive compendium of all commonly used antibiotics, including indications, side effects, dosage information, and drug/food interactions

The *Antibiotics Manual* provides detailed information on a wide range of antibiotics. It is designed to be user-friendly, offering quick access to important information. The book includes 200 of the most commonly prescribed antibiotics, listed by both brand and generic names. It also features important recently-released antibiotics such as ceftaroline, tedizolid, and bedaquiline.

This edition updates prescribing information for the older antibiotics and includes newer antibiotics released since the publication of the First Edition. It also has a color-coded interior design for easy point of care access.

The *Antibiotics Manual* is a valuable resource for physicians, pharmacists, nurses, and other healthcare professionals who administer antibiotics. It is a convenient reference for every clinician to consult once the decision to use a particular antibiotic has been reached.

About the Authors

David Schlossberg, The Lewis Katz School of Medicine at Temple University, Philadelphia, USA.

Rafik Samuel, The Lewis Katz School of Medicine at Temple University, Philadelphia, USA.

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Botulinum Toxins: Cosmetic and Clinical Applications provides a comprehensive and in-depth review of the use of botulinum toxin for aesthetic procedures and medical applications as a stand-alone treatment and as part of combination therapy. This new book, written by international expert authors, provides guidance to help you refine your technique, add new procedures to your practice, and provide optimal results. This book:

• Offers guidance on best-practice approaches with botulinum toxin, helping create cutting edge, tailored treatment plans for each patient
• Benefits from a wealth of color images, procedural videos, and expert tips and tricks
• Takes a region oriented approach, providing guidance on treatment of the glabella, forehead, periocular and perioral areas, and contouring of the lower face and lower leg and calf, and neck rejuvenation
• Contains a thorough review of non-cosmetic treatments such as correction of facial asymmetry, and treatment of axillary hyperhidrosis, plus palm, sole, and craniofacial hyperhidrosis
• Covers exciting new topics, such as future injectables, topical botulinum toxin, and facial contouring including treatment for benign masseter hypertrophy
• Discusses combination therapy of botulinum toxin with other non-surgical procedures such as hyaluronic acid (HA) or filler substances, light and laser sources, and other energy-based therapies. Includes considerations for darker skin types

About the Editors

Joel L. Cohen, MD, Director, AboutSkin Dermatology and DermSurgery (Greenwood Village and Lone Tree, Colorado); Associate Clinical Professor, University of Colorado Department of Dermatology, USA, and; Assistant Clinical Professor, University of California Irvine Department of Dermatology, USA.

David M. Ozog, MD, C. S. Livingood Chair of Dermatology, Henry Ford Hospital, Department of Dermatology; Director of Cosmetic Dermatology, and; Assistant Professor, Wayne State University, USA.

Dennis Porto, MD, (Video Editor) Vice Chair Henry Ford Hospital House Staff Council; Resident, Dermatology, Henry Ford Health System, USA.

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Volleyball is one of the four most popular international sports for men and women and has been an Olympic sport since 1964. The publication of this second edition is endorsed by both the International Olympic Committee (IOC) and the International Federation of Volleyball (FIVB) and a comprehensive resource for athletes, coaches, physical and occupational therapists, nutritionists, and sports scientists working with athletes participating in volleyball internationally and at all levels of competition. More than 10 years have elapsed since the first edition published during which the sport has rapidly evolved. This handbook has been fully updated to reflect the explosion in literature and research. The Editors have been joined by many new contributors offering a fresh perspective to the material. The contents include chapters on biomechanics, injuries of shoulder, knee and ankle, principles of rehabilitation, the young athlete, the female athlete, and the athlete with impairment. Issues of doping are discussed, as is the psychology of sport and maximizing team potential. This new edition:

- Provides a concise, authoritative overview of the science, medicine and psychological aspects of volleyball
- Offers guidance on medical aspects unique to the training and coaching of volleyball
- The only book on this subject fully endorsed by both the International Olympic Committee (IOC) and the International Federation of Volleyball (FIVB)
- Written and edited by global thought leaders in sports medicine

About the Editors

**Jonathan C. Reeser**, Marshfield Clinic Research Foundation, Marshfield, Wisconsin, USA.

**Roald Bahr**, Oslo Sports Trauma Research Center, Department of Sports Medicine, Norwegian School of Sport Sciences, Oslo, Norway; and Aspetar Orthopaedic and Sports Medicine Hospital, Doha, Qatar.

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From the author of the bestselling introduction to evidence-based medicine, this brand new title makes sense of the complex and confusing landscape of implementation science, the role of research impact, and how to avoid research waste.

*How to Implement Evidence-Based Healthcare* clearly and succinctly demystifies the implementation process, and explains how to successfully apply evidence-based healthcare to practice in order to ensure safe and effective practice. Written in an engaging and practical style, it includes frameworks, tools and techniques for successful implementation and behavioural change, as well as in-depth coverage and analysis of key themes and topics with a focus on:

- Groups and teams
- Organisations
- Patients
- Technology
- Policy
- Networks and systems

*How to Implement Evidence-Based Healthcare* is essential reading for students, clinicians and researchers focused on evidence-based medicine and healthcare, implementation science, applied healthcare research, and those working in public health, public policy, and management.

**About the Author**

**Trisha Greenhalgh, OBE, FRCGP, FRCP, MBA**, is a Professor of Primary Care Health Sciences, Nuffield Department of Primary Care Health Sciences, Medical Sciences Division, University of Oxford, UK.
EP clinicians are seeing an increasing number of patients who require a pacemaker or other device to correct a rhythmic abnormality. At the same time, devices are becoming both more effective and more sophisticated. Those new to the use of today’s devices often find them extremely challenging to program; there are many potential pitfalls along the way as well as complications that can arise and which require a swift and precise response. Adding to these challenges, much of the information that less-experienced EP clinicians require in order to master the implementation and management of devices must be gathered from textbooks of cobbled together from journal articles.

This new book, edited by a team of leading clinician-educators, distils device best-practices into a single volume that focuses on essential tasks, common pitfalls and likely complications. Each chapter is written using a practical, hands-on, how-to-do-it approach that will help readers quickly master even the most challenging device-related tasks, such as programming hybrid pacing/defibrillation devices, and respond confidently when complications arise. *How-To Manual for Pacemaker and ICD Devices* features 300 images, including ECGs, X-ray and fluoroscopy, images from device interrogation, color electroanatomical maps, and more. In addition, an enhanced eBook version is available, featuring video of key tasks and procedures described in the text.

**About the Editors**

**Amin Al-Ahmad, MD, FACC, FHRS, CCDS**, Cardiac Electrophysiologist, Texas Cardiac Arrhythmia Institute, Austin, USA.

**Andrea Natale, MD, FACC, FHRS, FESC**, Executive Medical Director, Texas Cardiac Arrhythmia Institute, Austin, USA.

**Paul J. Wang, MD**, Professor of Medicine and of Bioengineering (by courtesy), Stanford University, School of Medicine, Stanford, USA.

**James P. Daubert, MD**, Professor of Medicine, Duke University School of Medicine, Durham, USA.

**Luigi Padeletti, MD**, Director of the Postgraduate School of Cardiology, University of Florence, Florence, Italy.
As the science and practice of haematology continues to advance at a considerable rate, *Haematology Lecture Notes* remains a comprehensive guide to this diverse subject, and provides support in understanding the pathogenesis and management of haematological disorders. Successfully integrating the physiological, pathological, and clinical aspects of haematology, this new edition includes new material on molecular and cellular diagnostics, expanded coverage on haemostasis, malignant haematology and transplant, and features self-assessment questions at the end of each chapter. Thoroughly revised and updated, *Haematology Lecture Notes* provides the core subject knowledge required by students and junior doctors to excel in this specialty.

**About the Authors**

**Chris Hatton, FRCP, FRCPath,** Consultant Haematologist, The John Radcliffe Hospital, Oxford, UK.

**Deborah Hay** is Wellcome Trust Clinical Training Fellow at the Molecular Haematology Unit, Oxford and is also Haematology co-ordinator of the undergraduate medical programme at Oxford, UK.

**David Keeling, MD, MRCP, MRCPath,** is Consultant Haematologist at the Oxford Haemophilia and Thrombosis Centre, Oxford, UK.
From the bestselling author, Barbara J. Bain, the new edition of this practical reference on the principles of leukaemia diagnosis and classification has been fully updated, and incorporates the recently revised WHO classification. Leukaemias are a very heterogeneous group of diseases, which differ from each other in aetiology, pathogenesis, prognosis and responsiveness to treatment. Accurate diagnosis and classification are vital for the identification of specific biological entities and underpin scientific advances in this field. The detailed characterization of haematological neoplasms is also essential for the optimal management of individual patients. In this user-friendly guide, Professor Bain illustrates and explains how these many laboratory techniques are used for the diagnosis and classification of leukaemia and related disorders. *Leukaemia Diagnosis, Fifth Edition* will be highly valuable to trainee haematologists and laboratory scientists in haematology and related disciplines, and will also prove a useful reference source and teaching aid for those who already have expertise in this field. In addition, cytogeneticists and molecular geneticists will find that this book enhances their understanding of the relationship of their disciplines to the diagnosis, classification and monitoring of leukaemia and related disorders.

**About the Author**

Barbara J. Bain, MBBS, FRACP, FRCPath, Professor of Diagnostic Haematology, St Mary’s Hospital Campus, Imperial College London Faculty of Medicine, and Honorary Consultant Haematologist, St Mary’s Hospital, London, UK.
A multi-disciplinary look at the current state of knowledge regarding motor control and movement — from molecular biology to robotics

The last two decades have seen a dramatic increase in the number of sophisticated tools and methodologies for exploring motor control and movement. Multi-unit recordings, molecular neurogenetics, computer simulation, and new scientific approaches for studying how muscles and body anatomy transform motor neuron activity into movement have helped revolutionize the field. *Neurobiology of Motor Control* brings together contributions from an interdisciplinary group of experts to provide a review of the current state of knowledge about the initiation and execution of movement, as well as the latest methods and tools for investigating them.

The book ranges from the findings of basic scientists studying model organisms such as mollusks and Drosophila, to biomedical researchers investigating vertebrate motor production to neuroengineers working to develop robotic and smart prostheses technologies. Following foundational chapters on current molecular biological techniques, neuronal ensemble recording, and computer simulation, it explores a broad range of related topics, including the evolution of motor systems, directed targeted movements, plasticity and learning, and robotics.

Written specifically to encourage interdisciplinary understanding and collaboration, and offering the most wide-ranging, timely, and comprehensive look at the science of motor control and movement currently available, *Neurobiology of Motor Control* is a must-read for all who study movement production and the neurobiological basis of movement — from molecular biologists to roboticists.

**About the Editors**

**Scott L. Hooper** is a Professor in the Department of Biological Sciences at Ohio University and has served as a Visiting Professor at the University of Cologne. Dr Hooper has held many editorial roles including his current role as Review Editor for *Frontiers in Neural Circuits*.

**Ansgar Büschges** is Professor and Head of the Department of Animal Physiology in the Institute of Zoology at the University of Cologne. Professor Dr Büschges’ research focuses on the neural control of locomotion. He also serves as Vice Dean for Research of the University of Cologne’s Faculty of Mathematics and Natural Sciences.
Peripheral Artery Disease
2nd Edition
Emile R. Mohler & Michael R. Jaff


A comprehensive, quick-reference guide to the diagnosis and management of peripheral artery disease for non-specialists

With an aging population subject to an increasing number of health risks, peripheral artery disease (PAD) is on the rise throughout the world. Because of PAD’s direct links to heart attack and stroke, it is critical that internists, surgeons, cardiologists, radiologists, gerontologists, GPs, and family practitioners know how to recognize it and make the best treatment recommendations for their patients. This book provides all the expert, practical information and guidance they need to do just that.

Edited by two thought leaders in PAD diagnosis and treatment, and comprising chapters written by subject matter experts, Peripheral Artery Disease, Second Edition provides clinicians with guidance on how to diagnose and treat one of the most under-diagnosed conditions affecting millions of patients. This updated and revised edition of the popular guide distills the complexities of PAD into clear, actionable advice for busy medical practitioners, providing them with the information they need — when they need it.

• Provides clinicians with essential information for recognizing and treating this under-diagnosed condition that affects millions of patients
• Distills the complexities of PAD, from diagnosis to traditional and emerging treatment options, into clear, actionable advice for clinicians
• Covers PAD epidemiology, office examination, imaging, laboratory evaluation, medical therapy, surgical interventions, endovascular treatments, and much more
• Reflects the latest PAD Guidelines and Performance Measures established by leading specialty societies
• Features contributions from internists and surgeons, all recognized experts in PAD

About the Editors
Emile R. Mohler, MD, Penn Heart and Vascular Centre, Philadelphia, USA.
Michael R. Jaff, MD, Massachusetts General Hospital, Boston, USA.

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The most important and reliable resource for treating diseases of the liver

For more than 55 years, *Schiff’s* has been acclaimed as the most outstanding liver book in the world. This new 12th edition brings the field completely up to date and includes a companion website that features a wide-variety of accessory materials. The text is evidence-based to offer hepatologists and gastroenterologists treating patients with liver disease a comprehensive and essential resource. The text highlights clinical practice and covers anatomy, pathology, testing, imaging, and the effects of liver disease on other organs. The book is written in clear and accessible terms and key features include:

- Treatment guidelines and management algorithms for every disease
- Full-color attractive design throughout the text
- Informative section overviews for each section
- Concise key concepts box in every chapter
- A full liver transplant section

This 12th edition is thoroughly revised with the latest clinical information. The new edition offers:

- Information on acute and chronic liver failure and infections in cirrhosis
- Over 100 MCQs
- Downloads for Powerpoint making the content ideal for presentations

*Schiff’s Diseases of the Liver* is designed to be a first-stop reference for dealing with today’s demanding clinical situations.

About the Editors

**Eugene R. Schiff, MD, MACP, FRCP, MACG, FAASLD**, is Professor of Medicine, University of Miami Miller School of Medicine, and Director, Schiff Center for Liver Diseases.

**Willis C. Maddrey, MD, MACP, FRCP, FAASLD**, is Professor of Internal Medicine, University of Texas Southwestern Medical Center, Dallas.

**K. Rajender Reddy, MD, FAASLD**, Ruimy Family President’s Distinguished Professor of Medicine, Director of Hepatology, Medical Director of Liver Transplantation, University of Pennsylvania, Philadelphia, USA.
Fundamentals of Applied Pathophysiology continues to be an accessible and comprehensive introductory text to pathophysiology, written specifically for nursing and healthcare students to assist in the understanding of human anatomy, and the complex disease patterns that affect normal physiology. Thoroughly updated, and with full-colour illustrations throughout, this new edition incorporates additional learning features including reflective questions at the end of each chapter, investigation boxes, medication alerts, red flags to indicate essential information to be aware of when providing care, vital signs boxes relating to physiological measurements as well as inclusion of the National Early Warning Score.

With emphasis placed on a multidisciplinary approach, Fundamentals of Applied Pathophysiology highlights the importance of contemporary, safe, and effective practice in an environment in which the delivery of care is constantly evolving.

About the Editor

Ian Peate, OBE, is Editor-in-Chief of the British Journal of Nursing, Visiting Professor of Nursing St George’s University of London and Kingston University, London, and Head of School at the School of Health Studies, Gibraltar.
Fundamentals of Mental Health Nursing
An Essential Guide for Nursing and Healthcare Students
Andrew Clifton, Steve Hemingway, Anne Felton & Gemma Stacey

Series: Fundamentals

Fundamentals of Mental Health Nursing is an accessible evidence-based introduction to the role of the mental health nurse. This comprehensive overview explores concepts of mental health and distress, ethics and accountability, key nursing models to be aware of, and the prevalence, predisposing factors and features of the most commonly occurring mental health problems. Key features:

• Places mental health conditions and interventions within a wider holistic context
• Situates Recovery at the centre of mental health nursing practice
• Links key concepts to mental health across the lifespan
• Contains learning outcomes in each chapter and includes scenarios and vignettes to root concepts in real-life practice

Information is placed in a practice context from the outset, making this an essential guide to both the theory and the practice of mental health nursing. It is ideal for students on courses relating to mental health care, as well as for registered nurses and health care practitioners looking to revise their knowledge of key concepts.

About the Editors

Andrew Clifton, Senior Lecturer of Health and Social Care, De Montfort University, UK.
Steve Hemingway, Senior Lecturer in Mental Health, University of Huddersfield, UK.
Anne Felton, Associate Professor in Mental Health at the School of Health Sciences, The University of Nottingham, UK.
Gemma Stacey, Associate Professor in Mental Health and Social Care, Faculty of Medicine, The University of Nottingham, UK.
The second edition of the successful and definitive nursing textbook, *Nursing Practice* is designed to support the student throughout the entire nursing degree. Structured around the latest Nursing and Midwifery Council Code of Conduct, it explores a range of clinical and professional issues that the student will need to know, in one complete and accessible volume.

Thoroughly updated and with full-colour, high quality illustrations throughout, this new edition features an additional chapter on the principles of supporting families and carers in practice, advice on revalidation, as well as a number of learning features and activities to help consolidate learning.

*Nursing Practice* provides invaluable information to enable not just student nurses, but also those who are qualified and members of the extended nursing family, to develop a deeper understanding of their patients’ needs and to ensure that they are practicing safely and effectively.

**About the Editors**

**Ian Peate, OBE** is Editor in Chief of the *British Journal of Nursing*, Visiting Professor of Nursing, St George’s University of London and Kingston University London, and Head of School at the School of Health Studies, Gibraltar.

**Karen Wild** is Senior Lecturer in Adult Nursing and Knowledge Application and interim Director of Admissions and Lead, School of Nursing, Midwifery, Social Work & Social Science, University of Salford, UK.
Person-Centred Healthcare Research provides an innovative and novel approach to exploring a range of research designs and methodological approaches aimed at investigating person-centred healthcare practice within and across healthcare disciplines. With contributions from internationally renowned experts in the field, this engaging resource challenges existing R&D methodologies and their relevance to advancing person-centred knowledge generation, dissemination, translation, implementation and use. It also explores new developments in research methods and practices that open up new avenues for advancing the field of person-centred practice. Person-Centred Healthcare Research:

• Enables students, practitioners, managers and researchers to gain a solid understanding of the complexity of person-centred thinking in research designs and methods
• Explores the theories and practices underpinning a topical subject within current healthcare practice
• Is edited by an internationally recognised team who are at the forefront of person-centred healthcare research

About the Editors

Brendan McCormack, Head of the Division of Nursing at the School of Health Sciences, Queen Margaret University, Scotland.

Sandra van Dulmen, Programme Coordinator of Communication in Health Care at NIVEL, The Netherlands.

Hilde Eide is a Professor of Clinical Communication and Health Guidance and Research Director, Science Center Health and Technology, University College of Southeast Norway.

Tom Eide, Professor of Leadership, Ethics and Literature, Faculty of Health Sciences.

Kirsti-Iren Skovdahl, Programme Director of PhD in Person-Centred Healthcare, and Professor in the Department of Nursing, University College of Southeast Norway.
 Advances in the Canine Cranial Cruciate Ligament
2nd Edition
Peter Muir

Previous Edition: 978-0-8138-1852-8

 Advances in the Canine Cranial Cruciate Ligament, Second Edition presents in-depth, focused, and updated coverage of current knowledge on cruciate ligament rupture, using a multidisciplinary, evidence-based approach.

• Presents a state-of-the-art summary of the most recent knowledge on this important cause of lameness in dogs
• Led by a highly respected surgeon and researcher, with chapters written by leading experts in the field
• Provides an update to the groundbreaking first edition, with six new chapters

About the Author
Peter Muir, BVSc, MVetClinStud, PhD, Diplomate ACVS, ECVS, is the Melita Grunow Family Professor of Companion Animal Health at the University of Wisconsin-Madison School of Veterinary Medicine, USA.
Atlas of Canine and Feline Urinalysis offers an image-based reference for performing canine and feline urinalyses, with hundreds of full-color images depicting techniques, physical characteristics, urine chemistry, and microscopic characteristics of urine sediment in dogs and cats.

- Presents hundreds of full-color images for reference and picture-matching while using urinalysis as a diagnostic tool
- Provides a complete guide to properly performing a urinalysis exam in the veterinary practice
- Emphasizes collection techniques, physical assessment, urine chemistry, and the microscopic sediment exam
- Covers casts, crystals, cells, organisms, and artefacts
- Offers a practical, visual resource for incorporating urinalysis into the clinic

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To request review copies: translationrights@wiley.com
Blackwell’s Five-Minute Veterinary Consult: Ruminant, Second Edition keeps practitioners completely current with the latest in disease management for ruminants and camelids.

• Updates the first all-in-one ruminant resource designed specifically for quick information retrieval
• Provides identically formatted topics for easy searching by alphabetical listing or by discipline, with each topic indicating the species affected
• Offers fast access to the accumulated wisdom of hundreds of veterinary experts
• Adds more than 100 new topics, with significant revisions to existing topics
• Includes access to a companion website with additional topics, client education handouts, and figures

About the Authors

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Canine and Feline Geriatric Oncology: Honoring the Human-Animal Bond, Second Edition provides a complete clinical approach to the most common neoplasias in geriatric dogs and cats.

- Provides the tools needed to diagnose and treat aging pets with cancer and to help clients make the best decisions for themselves and their animals
- Addresses the ‘what-ifs’ that often arise during interactions with clients of aging pets with cancer and helps to determine when a pet should enter the hospice phase
- Features many vignettes and real-life case studies to demonstrate the issues faced by clinicians and owners dealing with older dogs and cats with cancer and end-of-life issues
- Fully updated and expanded with new and revised information, including new knowledge on palliative and hospice care and self-care techniques for carers

About the Authors

Alice Villalobos, DVM, is a past President of the American Association of Human Animal Bond Veterinarians, President Emeritus of the Society for Veterinary Medical Ethics, Fellow Emeritus of the National Academies of Practices, and a Founding Member of the Veterinary Cancer Society. She is Director of Animal Oncology Consultation Service in Hermosa Beach and Woodland Hills, USA. She is also Director of Pawspice, an end-of-life care consultation clinic.

Laurie Kaplan, MSC, is a medical animal writer in Ossining, USA, founder and administrator of the Magic Bullet Fund, and author of Help Your Dog Fight Cancer: Empowerment for Dog Owners.
Cardiology for Veterinary Technicians and Nurses
H. Edward Durham Jr.
Veterinary Medical Teaching Hospital, University of Missouri, USA


Cardiology for Veterinary Technicians and Nurses is a comprehensive resource for veterinary technicians and nurses working with cardiovascular patients in veterinary practice.

- Offers a complete reference to veterinary cardiology targeted at veterinary technicians and nurses, summarizing fundamental knowledge on cardiovascular disease
- Covers dogs, cats, horses, ruminants, and camelids
- Provides information ranging from introductory to advanced for a thorough guide to cardiac conditions
- Presents detailed procedures for common cardiac catheterization techniques, including supplies required
- Includes photographs and illustrations to depict the concepts described

About the Editor
H. Edward Durham, Jr., CVT, RVT, LATG, VTS (Cardiology), is Senior Veterinary Technician-Cardiology at the University of Missouri’s Veterinary Medical Teaching Hospital in Columbia, Missouri, USA.
Practical guidance on managing chronic illnesses in small animals

Chronic Disease Management for Small Animals provides a complete resource for the long-term care and therapy of canine and feline patients with incurable conditions. Offering practical strategies for successful management of chronic disorders, the book presents expert guidance on handling these ailments and the animals that they afflict.

Written by leading experts in their respective fields, Chronic Disease Management for Small Animals takes a multidisciplinary approach to the subject, covering chronic diseases across many categories, including mobility, dermatology, ophthalmology, internal medicine, and more. The book is not meant to replace existing textbooks, but is designed to be used as a practical guide that educates the reader about the many therapeutic options for chronic disease management. Coverage encompasses:

- The impact that chronic disease has on the quality of life for both the patient and its owner
- Specific chronic diseases, outlining diagnostics, therapeutics, and quality of life concerns
- Hospice care and end of life, including client and pet needs, quality of life, cultural sensitivities, dying naturally, euthanasia, and death

Chronic Disease Management for Small Animals is an essential reference for recently qualified and seasoned practitioners alike, supporting clinicians in making decisions and communicating with clients regarding long-term care. It is an ideal book for all small animal practitioners and veterinary students.

About the Authors

**W. Dunbar Gram, DVM, DACVD, MRCVS**, is Service Chief and Clinical Associate Professor of Dermatology at the University of Florida College of Veterinary Medicine in Gainesville, Florida, USA.

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Clinical Atlas of Small Animal Cytology
Andrew G. Burton


Clinical Atlas of Small Animal Cytology provides an essential guide for interpreting cytologic samples to diagnose small animal patients.

- Features photographs of diseases with a diagnosis confirmed by pathognomonic cytologic features, histopathology, special stains, microbial culture, or other confirmatory tests
- Emphasizes characteristic features of each disease and distinguishing features
- Provides multiple images to differentiate cells from lesions that could look similar
- Presents more than 500 representative high-quality images

About the Author
Andrew G. Burton, BVSc, DACVP, is a clinical pathologist at IDEXX Laboratories in North Grafton, Massachusetts, USA.
Current Techniques in Canine and Feline Neurosurgery offers state-of-the-art, detailed guidance on performing neurosurgical techniques in dogs and cats, from indications and surgical anatomy to procedures and post-operative care.

- Presents an up-to-date, detailed reference on veterinary neurosurgery techniques, covering skills ranging from basic to advanced
- Provides guidance on why, when, and how to perform neurosurgical procedures
- Includes information on diagnostic evaluation, surgical planning, and instrumentation as well as step-by-step descriptions of specific procedures
- Co-published with the American College of Veterinary Surgeons Foundation and American College of Veterinary Internal Medicine
- Offers video clips on a companion website

About the Editors

Andy Shores, DVM, MS, PhD, DACVIM (Neurology), is Clinical Professor and Chief of Neurosurgery and Neurology at the Mississippi State University College of Veterinary Medicine in Mississippi State, Mississippi, USA.

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The first book devoted solely to the techniques used to investigate skin problems in animals

A practical everyday reference for veterinary practitioners, *Diagnostic Techniques in Veterinary Dermatology* focuses on contemporary techniques for investigating skin problems in small animals, horses and exotic pets. Written by experienced specialists in veterinary dermatology, this book offers clear, step-by-step guidance on how to perform tests and interpret their results.

The first book devoted exclusively to the subject, this hands-on guide demonstrates how to carry out and interpret a huge range of dermatology tests, as well as how to avoid common mistakes and pitfalls. Featuring full colour photographs and illustrations throughout, key topics include: looking for parasites, hair plucks and trichograms, dermoscopy, cytology, fungal and bacterial cultures, histopathology, allergy testing, immune-mediated skin diseases, endocrine and metabolic skin diseases, infectious diseases, diagnostic imaging, otoscopy and examination of the ear, genetic tests, and more.

*Diagnostic Techniques in Veterinary Dermatology* is a valuable working resource for busy practitioners in first opinion practice, as well as veterinary nurses and technicians. It is also an ideal reference for veterinary students and specialists in-training.

**About the Authors**

**Ariane Neuber** is an RCVS and European Specialist in Veterinary Dermatology. She currently works in private practice in the UK, providing a dermatology referral service for a number of referral centres in the South East of England. Ariane is currently the President of the BVDSG and Chief Examiner for the RCVS Certificate in Veterinary Dermatology.

**Tim Nuttall** is a senior lecturer in Veterinary Dermatology, at the University of Liverpool Small Animal Hospital, UK.
Equine Color Genetics, Fourth Edition presents a detailed examination of the color variation in horses and donkeys and the genetic mechanisms that produce color variations.

- Thoroughly covers the basic colors in horses, including bay, chestnut, black, and brown
- Details the genetic basis of the colors built from the basic coat color, including dilutions and white patterning
- Provides an explanation of genetic mechanisms that determine coat color
- Presents a thorough revision and update, including new advances in molecular genetics, biochemistry, molecular mechanisms, genetic loci, coat colors before domestication, and more
- Offers a new introduction describing the principles of genetics and genomics research to help outline how knowledge is discovered and to assist the reader in understanding concepts covered in the book

About the Authors

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Feline Anesthesia and Pain Management offers a definitive and practical guide to feline anesthesia and pain management.

- The only book offering detailed practical information on anesthesia and pain management in cats, one of the world’s most popular pets
- World renowned author team
- Quick reference format with full color illustrations
- Offers detailed practical information on anesthesia and pain management tailored to the unique needs of cats
- Includes a team of world-renowned authors who are experts in veterinary anesthesia and analgesia
- Uses a quick reference format that makes the information easy to find and follow
- Presents full color images to illustrate concepts

About the Editors

Paulo Steagall, MV, MS, PhD, DACVAA, is an associate professor of veterinary anesthesia and analgesia at the Université de Montréal in Montreal, Quebec, Canada.

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Polly Taylor, MA, VetMB, PhD, DVA, DipECVAA, MRCA, MRCVS, is a European and Royal College of Veterinary Surgeons specialist in veterinary anesthesia working as an independent consultant in veterinary anesthesia.
Now in its Fifth Edition, *Functional Anatomy and Physiology of Domestic Animals* provides a basic understanding of domestic animal anatomy and physiology, taking an interconnected approach to structure and function of the horse, dog, cat, cow, sheep, goat, pig, and chicken.

- Offers a readable introduction to basic knowledge in domestic animal anatomy and physiology
- Covers equine, canine, feline, bovine, ovine, ruminant, swine, and poultry anatomy and physiology
- Considers structure and function in relation to each other for a full understanding of the relationship between the two
- Provides pedagogical tools to promote learning, including chapter outlines, study questions, self-evaluation exercises, clinical correlates, key terms, suggested readings, and a robust art program
- Includes access to a companion website with video clips, review questions, and the figures from the book in PowerPoint

**About the Authors**

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Guide to Ruminant Anatomy
Dissection and Clinical Aspects
Mahmoud Mansour, Ray Wilhite & Joe Rowe
All of Auburn University, Auburn, Alabama, USA


Guide to Ruminant Anatomy: Dissection and Clinical Aspects presents a concise, clinically relevant reference to goat and cattle anatomy, with color schematic illustrations and embalmed arterially injected prosection images for comparison.

• Offers 244 color images depicting goat and cattle anatomy
• Provides selected line drawings correlated to dissection images of embalmed arterially injected specimens
• Takes a practical approach, with material organized by body system within each region
• Demonstrates the clinical relevance of basic anatomy
• Poses review questions in each chapter, with answers and videos provided on a companion website

About the Authors
Mahmoud Mansour, DVM, PhD, is Professor of Veterinary Anatomy at Auburn University in Auburn, Alabama, USA.
Ray Wilhite, MS, PhD, is Anatomy Laboratory Coordinator at Auburn University in Auburn, Alabama, USA.
Joe Rowe, DVM, is Gross Anatomy Lecturer at Auburn University in Auburn, Alabama, USA.
Pathology of Small Mammal Pets presents a ready reference for veterinarians, veterinary pathologists, and technicians who work with small mammal companion animals.

- Provides up-to-date, practical information on common disease conditions in small mammal companion animals
- Offers chapters logically organized by species, with comprehensive information on diagnosing diseases in each species
- Takes a practical, system-based approach to individual disease conditions
- Covers clinical signs, laboratory diagnostics, gross pathology, histopathology, and differential diagnoses in detail
- Includes relevant information for conventional breeding operations and breeding facilities, with strategies for disease management in herds and colonies
- Features information on normal anatomy in included species to assist in recognizing pathology

About the Authors

Patricia V. Turner, BSc, MS, DVM, DVSc, DACLAM, DABT, DECAWBM, is a Professor of Comparative Pathology (Laboratory Animals and Small Mammals) in the Department of Pathobiology at the Ontario Veterinary College, University of Guelph, Canada.

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Performing the Small Animal Physical Examination offers an easy-to-follow guide to successfully executing a thorough physical exam in cats and dogs, with nearly 1,000 clinical photographs depicting step-by-step details.

- Provides comprehensive, practical information on the physical examination in small animal patients
- Presents nearly 1,000 color photographs with step-by-step details of the procedures and principles
- Offers advice on preparing the examination room, useful tips, and concrete guidance for examining each body system
- Outlines a systematic, in-depth approach to the initial examination in dogs and cats
- Supports new and experienced veterinarians and veterinary technicians alike in performing a thorough basic exam

About the Author

Ryane E. Englar, DVM, DABVP (Canine and Feline Practice) is Assistant Professor of Small Animal Primary Care at Midwestern University College of Veterinary Medicine in Glendale, Arizona, USA.
Pitfalls in Veterinary Surgery offers a candid examination of real-life mistakes and mishaps encountered while operating on veterinary patients.

- Describes a range of mistakes and mishaps encountered by a veterinary surgeon with 30+ years of experience
- Provides an honest examination of the reality of operating on pets
- Offers the opportunity to learn from an experienced surgeon’s mistakes
- Discusses mistakes in a wide range of situations, ranging from commonplace to unusual
- Presents a realistic view of veterinary surgery, including how to live with mistakes

About the Editor

Geraldine B. Hunt, BVSc, PhD, FACVSc, is Emeritus Professor at the University of California at Davis, California, USA.
Manual of Clinical Procedures in the Horse
Lais R. Costa & Mary Rose Paradis
College of Veterinary Medicine, Mississippi State University, Mississippi State, Mississippi, USA; Cummings School of Veterinary Medicine, Tufts University, North Grafton, Massachusetts, USA


Manual of Clinical Procedures in the Horse is a detailed step-by-step guide to clinical skills in equine practice. With information on techniques ranging from physical examination and blood sampling to lameness and neurologic exams and other specialized procedures, the book is an aid to confidently and effectively perform procedures used in daily equine practice. Well illustrated with clinical photographs throughout, the book’s focus is on providing thorough, easy-to-understand descriptions of 80 techniques necessary for examining and treating horses. Each topic includes a summary of the purpose, potential complications, equipment, and proper restraint for each procedure, with a detailed description of each action for the technique and the rationale behind it. More than 1,100 full-colour clinical photographs demonstrate the techniques. Manual of Clinical Procedures in the Horse is an essential purchase for any veterinary practice seeing equine patients. Key features:

• Details each step for 80 common procedures for veterinary care of the horse
• Supports veterinarians and technicians in performing techniques in daily equine practice
• Presents more than 1,100 images depicting the steps described in the text
• Covers the purpose, potential complications, equipment, restraint, actions and rationale for each procedure
• Offers a practical patient-side reference to essential techniques in clinical practice, ranging from basic assessment to specialized procedures

About the Editors
Lais R. Costa, MV, MS, PhD, DACVIM (LAIM), DABVP (Equine), is Adjunct Professor at Mississippi State University’s College of Veterinary Medicine in Mississippi State, Mississippi, USA.

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Manual of Small Animal Soft Tissue Surgery
2nd Edition
Karen Tobias
University of Tennessee, Knoxville, Tennessee, USA

Previous Edition: 978-0-8138-0089-9
Previous Edition Licensed in: French, Greek, Japanese, Korean, Portuguese, Simplified Chinese, Spanish, Turkish

- Offers expanded coverage of additional procedures and updates reflecting the latest thinking on surgical techniques
- Provides clear, concise instructions on how to complete common soft tissue surgical procedures
- Pairs step-by-step instructions with hundreds of high-quality color photographs and drawings
- Aids small animal veterinary practitioners and students in learning and applying the tips and tricks that experienced surgeons use to make each procedure easier and faster

About the Author
Karen Tobias, DVM, MS, DACVS, is a Full Professor at the University of Tennessee College of Veterinary Medicine in Knoxville, Tennessee, USA.
A state-of-the-art reference for all aspects of thoracic surgery in dogs and cats

Written by two of the foremost experts in this area of surgery, *Small Animal Thoracic Surgery* encompasses both basic and advanced thoracic surgery for dogs and cats. It provides a host of well-illustrated techniques for thoracic surgery, including classic open surgery, minimally invasive surgery, thoracoscopy, and image-guided hybrid surgery. This comprehensive and detailed book will help improve outcomes of thoracic cavity operations in small animal patients.

*Small Animal Thoracic Surgery* provides the most current and complete information available on this challenging area of surgery. The book offers guidance for treating the many disorders that can affect the canine and feline thoracic cavity, including pleural effusions, pneumothorax, hernias, heart disease, and more.

*Small Animal Thoracic Surgery:*

- Presents step-by-step descriptions of thoracic surgeries ranging from basic to advanced
- Features high-quality illustrations that depict key steps for each procedure
- Covers emerging minimally-invasive procedures, including thoracoscopy
- Offers up-to-date information for surgical treatment of ailments of the heart and lungs
- Provides video clips of procedures on a companion website

An invaluable reference for veterinary surgeons, *Small Animal Thoracic Surgery* is also an ideal aid for general practitioners who perform some of the basic procedures in their clinics.

**About the Authors**

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**Eric Monnet, DVM, PhD, Diplomate ACVS, Diplomate ECVS,** is a Professor of Small Animal Surgery at Colorado State University in Fort Collins, Colorado, USA.
Written and edited by leading experts on equine digestive diseases, *The Equine Acute Abdomen, Third Edition* is the preeminent text on diagnosing and treating acute abdominal diseases in horses, donkeys, and mules.

- The definitive guide to acute abdominal disorders in equine patients, fully updated and revised to reflect the latest developments in the field
- Lavishly illustrated with more than 450 color illustrations, photographs, line drawings, and figures
- A companion website features video clips and images from the book available for download
- Provides an invaluable resource to equine surgery and internal medicine specialists, researchers, practitioners, and students who deal with colic

**About the Editors**

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**Tim S. Mair, BVSc, PhD, Diplomate ECEIM, FRCVS**, is an equine practitioner at Bell Equine Veterinary Clinic in Maidstone, UK.
Treatment and Care of the Geriatric Veterinary Patient offers veterinarians a complete guide to treating and managing geriatric canine and feline patients.

- Offers practical guidance on managing all aspects of veterinary care in geriatric pets
- Takes a holistic approach to managing the geriatric patient, from common diseases and quality of life to hospice, euthanasia, client communications, and business management
- Focuses on dogs and cats, with a chapter covering common exotic animals
- Provides clinically oriented advice for ensuring quality of life for older pets
- Includes access to a companion website with client education handouts

About the Editors

Mary Gardner, DVM, is Hospice Veterinarian, Co-Founder, and Chief Technology Officer at Lap of Love Veterinary Hospice in Orange County, California, USA and Courtesy Lecturer at the University of Florida College of Veterinary Medicine in Gainesville, Florida, USA.

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Veterinary Guide to Animal Breeds offers a comprehensive reference for accurately recognizing small animal, exotic, and large animal breeds, with color photographs to aid in identification and important information for delivering veterinary care.

- Provides a reliable, veterinary-based guide to accurately recognizing breeds
- Covers small, large, and exotic animal breeds
- Emphasizes information targeted at daily veterinary practice
- Presents full-color photographs for comparison and identification
- Includes access to a companion website offering teaching materials, including worksheets and teaching PowerPoints

About the Author

Beth Vanhorn, AS, CVT, is Instructor in the Adult Education Veterinary Assistant Program at the Dauphin County Technical School and is a practice manager with the Banfield Pet Hospital in a small animal clinic in Lancaster, Pennsylvania, USA.
Veterinary Pharmacology and Therapeutics, Tenth Edition is a fully updated and revised version of the gold-standard reference on the use of drug therapy in all major veterinary species.

- Provides current, detailed information on using drug therapies in all major domestic animal species
- Organized logically by drug class and treatment indication, with exhaustive information on the rational use of drugs in veterinary medicine
- Includes extensive tables of pharmacokinetic data, products available, and dosage regimens
- Adds new chapters on pharmaceutics, ophthalmic pharmacology, food animal pharmacology, and aquatic animal pharmacology
- Includes access to a companion website with the figures from the book in PowerPoint

**About the Editors**

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You can browse our full range of Health Sciences titles here.

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