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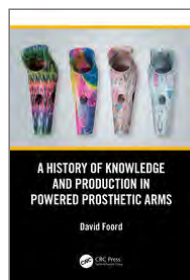
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A History of Knowledge and Production in Powered Prosthetic Arms



David Foord

This book presents a narrative history of the field of powered upper limbs, as well as providing an examination of how scientific research, innovation and design influenced the emergence of powered upper limbs from 1945 to current day. The author focuses on the R&D and innovation practices that led to novel commercial products during the period. The primary market for this book is undergraduate students, graduate students, faculty members and professionals interested in the history of science, technology and medicine, business history, social science history, science and technology studies, innovation studies, biomedical engineering and prosthetics.

CRC Press
April 2026 : 214pp
Pb: 978-1-041-10359-2 : **£49.99**
Hb: 978-1-041-10358-5 : **£96.99**
eBook: 978-1-003-65462-9

* For full contents and more information, visit: www.routledge.com/9781041103592

Advances in Wearables and Nearables for Healthcare Applications



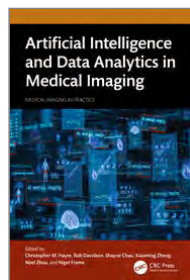
Edited by Ganesh R. Naik

Wearable and nearable technologies are revolutionizing modern healthcare by enabling continuous, non-invasive, and real-time monitoring of physiological, behavioral, and environmental factors.

CRC Press
September 2026 : 304pp
Hb: 978-1-032-79654-3 : **£96.99**

* For full contents and more information, visit: www.routledge.com/9781032796543

Artificial Intelligence and Data Analytics in Medical Imaging



Edited by Christopher Hayre University of Canberra, Australia, **Rob Davidson**, **Shayne Chau**, **Xiaoming Zheng**, **Abel Zhou**, **Nigel Frame**

Series: Medical Imaging in Practice

This edited book focuses on the application of AI and data analytics within the three specialisms of medical imaging: diagnostic radiography (including fluoroscopy, computed tomography, breast imaging, ultrasound, and magnetic resonance imaging), radiotherapy and oncology, and nuclear medicine and molecular imaging. This book will act as a cornerstone for undergraduate students, but importantly 'signpost' to other key texts within the field. Further, academics will find this text useful as it aims to enrich scholarly learning, teaching and assessment to healthcare programmes nationally and internationally.

CRC Press
May 2026 : 318pp
Pb: 978-1-032-49220-9 : **£70.99**
Hb: 978-1-032-49491-3 : **£180**
eBook: 978-1-003-39406-8

* For full contents and more information, visit: www.routledge.com/9781032492209

Artificial Intelligence and Precision Fermentation for Sustainable Energy Production



Edited by Chien Wei Ooi Monash University Malaysia, **Sewn Cen Lo**, **Ramalakshmi Subbarayalu**, **N. Gnanasankaran**

This book explores the convergence of AI and precision fermentation for sustainable bioenergy production. It covers theoretical foundations and practical applications, demonstrating how AI tools optimize microbial strains and monitor bioreactors in real-time. Precision fermentation using engineered microorganisms addresses conventional fermentation limitations, transforming agricultural waste into biofuels and bio-chemicals. It covers implementation challenges including scale-up issues, regulatory frameworks, ethical considerations, and data limitations. This book is aimed at graduate students and researchers in bioprocessing, AI, fermentation technology, and renewable engineering.

CRC Press
October 2026 : 392pp
Hb: 978-1-041-16089-2 : **£135**

* For full contents and more information, visit: www.routledge.com/9781041160892

Bio-inspired Functional Materials for Sustainable Biomedical Applications



Edited by Vipul Srivastava, **Shrikaant Kulkarni**, **A.K. Haghi**

Series: Sustainable Science, Engineering, and the Built Environment

This book provides a comprehensive exploration of next-generation bio-inspired functional materials and their transformative role in advancing sustainable biomedical applications. Beginning with an introduction to the fundamentals of bio-inspired materials, it highlights their critical contribution to achieving the United Nations Sustainable Development Goals (SDGs). The chapters cover innovative domains such as biodegradable and self-healing materials, nanotechnology-driven biomaterials, protein- and pectin-based biopolymers, and targeted drug delivery systems.

CRC Press
July 2026 : 488pp
Hb: 978-1-041-08705-2 : **£150**

* For full contents and more information, visit: www.routledge.com/9781041087052

Bioprocess Technologies for Environmental Sustainability

Trends and Developments



Edited by Jerold Manuel, **Ramani Kandasamy**

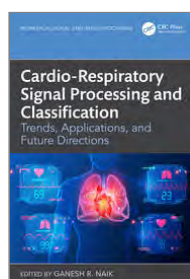
This book provides a comprehensive overview of current trends and advancements in bioprocess technologies for sustainable development. It discusses the objectives of environmental sustainability, including the methods used to carry out various biological processes, pertinent aspects of biochemical engineering, and how these are applied to solve environmental issues. The focus is on waste valorization using advanced chemical and bioprocess technologies. It also highlights the technological perspectives of biorefineries in achieving zero-waste management.

CRC Press
June 2026 : 376pp
Hb: 978-1-032-79684-0 : **£130**

* For full contents and more information, visit: www.routledge.com/9781032796840

Cardio-Respiratory Signal Processing and Classification

Trends, Applications, and Future Directions



Edited by **Ganesh R. Naik**

Series: *Biomedical Signal and Image Processing*

Non-invasive measurements of cardio-respiratory signals have improved diagnosis and prognosis in human health. This edited book invites original theoretical, practical, and review chapters aimed at proposing advancements in cardio-respiratory signal processing methods for healthcare applications. Exemplary themes of interest covered in this title include cardio-respiratory signal processing challenges using complex physiological data, novel HRV analysis, and data extracted from modern wearables and biosensors. This book is aimed at researchers and graduate students in biomedical signal processing, signal processing, and electrical engineering.

CRC Press
August 2026 : 248pp
Hb: 978-1-032-79703-8 : £110

* For full contents and more information, visit: www.routledge.com/9781032797038

Handbook of Self-Management and the Lived Experience of Healthcare



Edited by **Christopher Hayre** University of Canberra, Australia, **Dave J. Muller** University of Suffolk, United Kingdom, **Marcia Scherer** Inst. for Matching Person & Technology, New York, USA, **Paul M.W. Hackett**, **Ava Gordley-Smith** University of Wales Trinity Saint David, UK

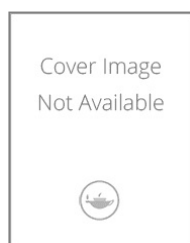
Series: *Rehabilitation Science in Practice Series*

This edited book focuses on the role of self-management in healthcare and how it may enhance the medical treatment, management and rehabilitation of service users. It offers expert perspectives on topics covering tools and techniques and how they are being incorporated into healthcare, but also critically appraising forthcoming implementation. This book will be useful for healthcare practitioners, researchers, and academics as it provides insight into both contemporary and innovative approaches within the medical field, and it can be used as a text to enrich scholarly learning, teaching and assessment to healthcare programmes nationally and internationally.

CRC Press
October 2026 : 584pp
Pb: 978-1-032-98515-2 : £66.99
Hb: 978-1-032-98516-9 : £170

* For full contents and more information, visit: www.routledge.com/9781032985152

Computational Systems Biology for New Chemical Entities Bioprospection



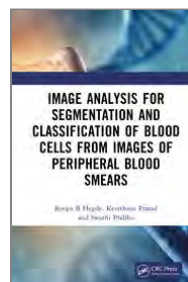
Edited by **Saheed Sabiu**

This book presents applications of metabolomics and integrated computational systems modeling in the bioprospecting of novel chemical entities (NCEs) and active pharmaceutical ingredients (APIs) from diverse natural sources. It bridges the gap between basic computational skills and advanced software development. The volume comprises original research articles, experimental protocols, case studies, and comprehensive reviews on computational approaches, including targeted and untargeted metabolomics, network pharmacology, molecular docking, density functional theory, and advanced molecular dynamics simulations, among others.

CRC Press
August 2026 : 600pp
Hb: 978-1-041-08381-8 : £170

* For full contents and more information, visit: www.routledge.com/9781041083818

Image Analysis for Segmentation and Classification of Blood Cells from Images of Peripheral Blood Smears



Roopa B Hegde, **Swathi Prabhu**, **Keerthana Prasad**

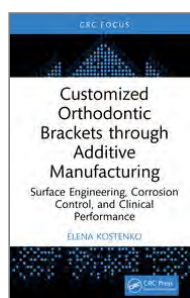
Peripheral blood smear (PBS) analysis is a critical diagnostic tool for diseases including malaria, leukemia, and cancer. This monograph addresses the key challenges associated with image analysis of PBS images and highlights innovative systems that automate the identification of specific pathologies.

CRC Press
October 2026 : 152pp
Hb: 978-1-041-10215-1 : £175

* For full contents and more information, visit: www.routledge.com/9781041102151

Customized Orthodontic Brackets through Additive Manufacturing

Surface Engineering, Corrosion Control, and Clinical Performance



Elena Kostenko Apex, NC, USA

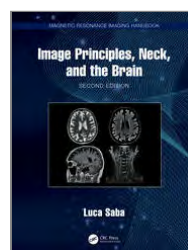
This book will help readers understand the integration of engineering principles, materials science, and clinical orthodontics in developing patient-specific devices through additive manufacturing. It covers the analytical design for surface finishing and corrosion resistance in customized orthodontic brackets, optimal post-processing techniques for clinical performance, and regulatory pathways for biomedical device development. It is primarily written for academic researchers, graduate students, and professionals in orthodontics, biomaterials, additive manufacturing, biomedical engineering, materials science, and medical device engineering.

CRC Press
June 2026 : 104pp
Hb: 978-1-041-30105-9 : £55.99

* For full contents and more information, visit: www.routledge.com/9781041301059

2ND EDITION

Image Principles, Neck, and the Brain



Edited by **Luca Saba** University of Cagliari, Italy

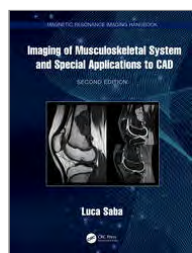
This book includes a complete, detailed coverage of MRI clinical applications of Head, Neck and Brain pathologies. Main topics are treated by leading authors in the Head and Neck field, providing an easy usable and exhaustive text both for residents and skilled physicians. The volume is a quick reference guide for all users who wish to find an exhaustive and precise coverage of key facts on head and neck MRI imaging exposed, including the most updated information about the latest applications of MRI in the diagnosis of Head, Neck and Brain main diseases. This book is intended for students, radiologists and imaging specialists looking for a state-of-the-art reference in MRI.

CRC Press
August 2026 : 920pp
Hb: 978-1-032-12364-6 : £200

* For full contents and more information, visit: www.routledge.com/9781032123646

2ND EDITION

Imaging of Musculoskeletal System and Special Applications to CAD



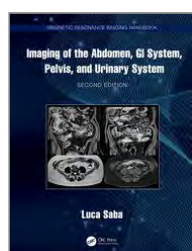
Edited by **Luca Saba** University of Cagliari, Italy

This book provides an overview of the countless MRI applications in the evaluation and diagnosis of the musculoskeletal system introducing a brand new set of chapters on CAD applications. This book is intended for students, radiologists and imaging specialists looking for a state-of-the-art reference in MRI.

CRC Press
September 2026 : 504pp
Hb: 978-1-032-12365-3 : £175

* For full contents and more information, visit: www.routledge.com/9781032123653

Imaging of the Abdomen, GI System, Pelvis, and Urinary System



Edited by **Luca Saba** University of Cagliari, Italy

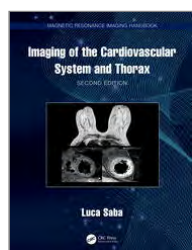
This volume focuses on abdominal MRI technique with a complete overview ranging from liver main pathologies to stomach, colon up to kidney and male and female pelvis diseases. It provides a comprehensive guide to all main abdomen pathologies and MRI applications. This book is intended for students, radiologists and imaging specialists looking for a state-of-the-art reference on MRI.

CRC Press
August 2026 : 550pp
Hb: 978-1-032-12366-0 : £200

* For full contents and more information, visit: www.routledge.com/9781032123660

2ND EDITION

Imaging of the Cardiovascular System and Thorax



Edited by **Luca Saba** University of Cagliari, Italy

This book includes coverage of CMR applications from cardiac physiology to the interpretation and diagnosis of cardiovascular and chest diseases providing an up-to-date information on CMR's uses, in cardiovascular care and thoracic pathologies. It shows CMR technologies and guidelines from basic principles to the latest imaging techniques. This book is intended for students, radiologists and imaging specialists looking for a state-of-the-art reference on MRI. BCC

CRC Press
August 2026 : 484pp
Hb: 978-1-032-12367-7 : £175

* For full contents and more information, visit: www.routledge.com/9781032123677

2ND EDITION

Introduction to Cell Mechanics and Mechanobiology



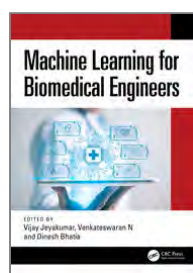
Hayden Huang , Mohammad R. Kaazempur Mofrad , Christopher R. Jacobs

This comprehensive second edition provides a pedagogical introduction to cell mechanics and mechanobiology, featuring quantitative descriptions and solved examples. It demonstrates how understanding cellular responses to mechanical forces predicts cell behavior. The book covers essential topics from single molecule mechanics to whole-cell responses, including cellular polymers, cytoskeleton networks, membrane mechanics, and mechanotransduction, with primer chapters ensuring accessibility for diverse backgrounds.

CRC Press
July 2026 : 504pp
Pb: 978-1-041-30731-0 : £49.99
Hb: 978-0-367-47728-8 : £120

* For full contents and more information, visit: www.routledge.com/9781041307310

Machine Learning for Biomedical Engineers



Edited by **Vijay Jayekumar , Venkateswaran N , Dinesh Bhatia**

This book combines machine learning and biomedical engineering to address practical issues in healthcare and biomedical research concentrating on real-world applications including bioinformatics, customized medicine, medical imaging analysis, disease detection, and health monitoring. It contains case studies and examples that show how various machine learning algorithms are used on biomedical data sets. The ethical issues and difficulties unique to using machine learning in biomedical settings, such as data privacy, algorithm bias, and regulatory compliance are also covered. This book is aimed at graduate students and researchers in bioengineering and machine learning.

CRC Press
August 2026 : 344pp
Hb: 978-1-041-06794-8 : £120

* For full contents and more information, visit: www.routledge.com/9781041067948

2ND EDITION

Magnetic Resonance Imaging Handbook, Four-Volume Set



Edited by **Luca Saba** University of Cagliari, Italy

Magnetic Resonance Imaging, Second Edition offers comprehensive coverage of medical engineering and clinical benefits in the diagnosis of human pathologies using MRI. This second edition aims to confirm itself as the leading reference for MRI application to the study of the pathological diseases of the human body including the most recent advances in MRI technology illustrated with high-quality images. This book is intended to be the go-to resource and reference for radiologists, residents, oncologists, neurologists, general surgeons, and imaging specialists

CRC Press
September 2026 : 2446pp
Hb: 978-1-032-12363-9 : £765

* For full contents and more information, visit: www.routledge.com/9781032123639

Microalgal Biotechnology

A Water-Soil-Air Nexus Sustainable Perspective



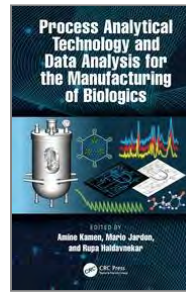
Edited by **Mariany Costa Deprá, Eduardo Jacob-Lopes, Leila Queiroz Zepka**

Microalgae Biotechnology: A Sustainable Perspective on the Water–Soil–Air Nexus offers a comprehensive and integrated overview of microalgal biotechnology, emphasizing its role within the interconnected systems of water, soil, and air. The book brings together cutting-edge research and multidisciplinary perspectives to explore how microalgae contribute to sustainable development, addressing global challenges related to environmental management, resource efficiency, and bio-based innovation.

CRC Press
October 2026 : 576pp
Hb: 978-1-041-00750-0 : **£175**

* For full contents and more information, visit: www.routledge.com/9781041007500

Process Analytical Technology and Data Analysis for the Manufacturing of Biologics



Edited by **Amine Kamen, Mario Jardon, Rupa Haldavnekar**

This book introduces Process Analytical Technologies (PAT) for biomanufacturing regulatory and quality requirements. Examines pharmaceutical biomanufacturing opportunities and challenges. It covers quality by design (QbD) principles, process monitoring, data management, and security. The book also presents cutting-edge analytical methods including real-time tracking, multivariate analysis, and ML algorithms. It features examples, case studies, and problems for teaching. Ideal for students, PAT practitioners, and regulatory officials in biopharmaceuticals manufacturing.

CRC Press
August 2026 : 186pp
Hb: 978-1-032-66291-6 : **£105**

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Nanotechnology for Biomedical Applications

Innovations in Diagnostics, Therapeutics, and Biosafety



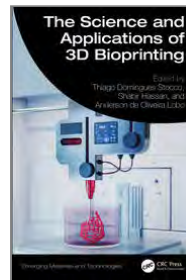
Edited by **Ankan Dutta Chowdhury** Amity University Kolkata, India, **Ruey-an Doong** National Tsing Hua University, Taiwan

This book explores the intersection of nanotechnology and biomedicine, presenting cutting-edge innovations that are transforming healthcare delivery worldwide. It examines how materials engineered at the nanoscale are addressing complex biological challenges previously considered insurmountable. It's intended for graduate and post graduate students, research fellows, and experts in nanotechnology, biotechnology, nanomedicine, and bioengineering. It also targets industry professionals in pharmaceuticals, medical devices, and food technology, clinicians using nanotechnology for diagnostics and treatment.

CRC Press
September 2026 : 272pp
Hb: 978-1-041-21175-4 : **£86.99**

* For full contents and more information, visit: www.routledge.com/9781041211754

The Science and Applications of 3D Bioprinting



Edited by **Thiago Domingues Stocco, Shabir Hassan, Anderson Oliveira Lobo**

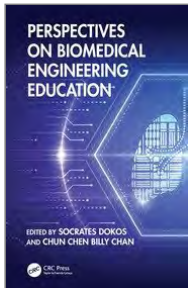
Series: Emerging Materials and Technologies

The field of 3D bioprinting has witnessed significant growth over the past decade, with groundbreaking advances in the development of bioprinted tissues, organs, and implants offering the potential to revolutionize regenerative medicine, drug development, and personalized healthcare. This title explores the science of 3D bioprinting, covering the advancements in materials, techniques, and applications and serves as a comprehensive guide. It is intended for scientists, researchers, students, and professionals interested in understanding the principles of 3D bioprinting, its applications, and ethical considerations surrounding this exciting and rapidly advancing discipline.

CRC Press
May 2026 : 276pp
Hb: 978-1-032-63814-0 : **£130**
eBook: 978-1-032-63816-4

* For full contents and more information, visit: www.routledge.com/9781032638140

Perspectives on Biomedical Engineering Education



Edited by **Socrates Dokos, Chun Chen Billy Chan**

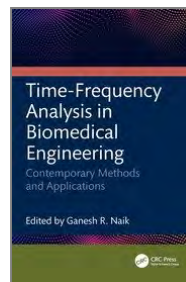
Perspectives on Biomedical Engineering Education is the first book of its kind to focus on applications of pedagogical approaches for dissecting and examining complex concepts in Biomedical Engineering in today's modern classrooms in higher education. The book first introduces the historical background and development of Biomedical Engineering. Its second section focuses on leading scholars' knowledge and experience in applying various pedagogies including biodesign, design thinking, capstones, and prototyping.

CRC Press
September 2026 : 352pp
Pb: 978-1-032-85884-5 : **£52.99**
Hb: 978-1-032-85885-2 : **£76.99**

* For full contents and more information, visit: www.routledge.com/9781032858845

Time-Frequency Analysis in Biomedical Engineering

Contemporary Methods and Applications



Edited by **Ganesh R. Naik** MARCS Institute for Brain, Behaviour, and Development, Western Sydney University, Sydney, Australia

Time-frequency analysis is critical in biomedical signal analysis, which helps diagnose and monitor physiological conditions such as heart rate variability, seizure detection, and brain-computer interfacing. This edited book includes original theoretical, practical, and review chapters aimed at proposing advancements in time-frequency signal processing methods for biomedical healthcare applications. Exemplary themes of interest include biomedical signal processing challenges in complex physiological data, signals from remote sensors, wearables, and nearables such as ballistography-based sensors.

CRC Press
June 2026 : 280pp
Hb: 978-1-041-00745-6 : **£140**
eBook: 978-1-003-61144-8

* For full contents and more information, visit: www.routledge.com/9781041007456

3RD EDITION

Cardiovascular Catheterization and Intervention

A Textbook of Coronary, Peripheral, and Structural Heart Disease



Edited by **Debabrata Mukherjee** University of Kentucky, Lexington, USA, **Srihari S. Naidu**

Interventional cardiology has evolved dramatically over the past decade, and this new edition addresses recent advances in coronary, structural, congenital and endovascular arenas. New chapters cover mechanical circulatory support devices including cardiogenic shock, intravascular lithotripsy and calcified lesion management, endovascular therapy for pulmonary embolism, and percutaneous therapies for tricuspid and pulmonary valve disease. Features evidence-based discussion on patient selection, vascular access, intervention principles, and optimal post-procedure management, making it a practical reference guide for clinicians.

CRC Press

August 2026 : 858pp

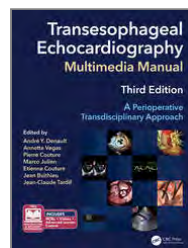
Hb: 978-1-032-82326-3 : £200

* For full contents and more information, visit: www.routledge.com/9781032823263

3RD EDITION

Transesophageal Echocardiography Multimedia Manual

A Perioperative Transdisciplinary Approach



Edited by **André Y. Denault MD PhD** Institut de Cardiologie de Montréal, Quebec, Canada, **Annette Vegas** Toronto General Hospital, Ontario, Canada, **Pierre Couture**, **Marco Julien**, **Etienne Couture**, **Jean Buithieu**, **Jean-Claude Tardif** Institut de Cardiologie de Montréal, Quebec, Canada

The third edition of the Transesophageal Echocardiography Multimedia Manual is a comprehensive resource and essential guide to the rapidly expanding field of perioperative transesophageal echocardiography (TEE), encompassing its role in newer cardiac surgery techniques, diverse interventional procedures, and the intensive care unit. This well-illustrated manual, accompanying videos and self-test questions demonstrate recent developments and challenges for the anesthesiologist, cardiologist, cardiac surgeon, critical care physician, and those interested in perioperative TEE.

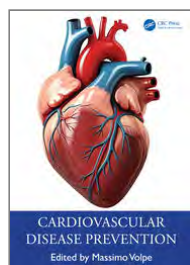
CRC Press

July 2026 : 902pp

Hb: 978-1-032-42460-6 : £300

* For full contents and more information, visit: www.routledge.com/9781032424606

Cardiovascular Disease Prevention



Edited by **Massimo Volpe**

Prevention of cardiovascular (CV) disease represents a pillar of contemporary medicine, as CV diseases are the most frequent cause of death and disability and a heavy socioeconomic burden. This is a concise and practical book that provides internationally applicable evidence-based standards of good practice. It discusses major advances in diagnosis and therapy. It continues to emphasize the importance of secondary prevention to reduce the recurrence of myocardial infarction, stroke, etc., improving the sustainability of the healthcare system.

CRC Press

June 2026 : 204pp

Pb: 978-1-041-01758-5 : £73.99

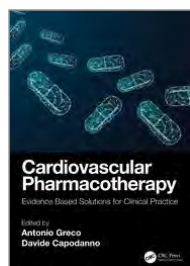
Hb: 978-1-041-01544-4 : £105

eBook: 978-1-003-61534-7

* For full contents and more information, visit: www.routledge.com/9781041017585

Cardiovascular Pharmacotherapy

Evidence-Based Solutions for Clinical Practice



Edited by **Antonio Greco**, **Davide Capodanno**

This comprehensive guide to cardiovascular pharmacotherapy provides a clinically oriented overview of drugs in the field of cardiology. Written for healthcare professionals, it integrates latest evidence with clinical decision-making. The book emphasizes practical, evidence-based approaches to drug use, featuring step-by-step therapeutic algorithms to support everyday clinical practice.

CRC Press

August 2026 : 224pp

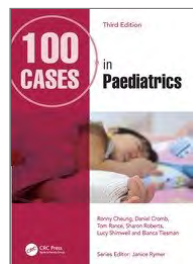
Pb: 978-1-041-07845-6 : £59.99

Hb: 978-1-041-07842-5 : £200

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3RD EDITION

100 Cases in Paediatrics



Ronny Cheung BMBS MA MRCPCH PgDipMedEd
Consultant Paediatrician, Evelina Children's Hospital,
London, UK, **Daniel Cromb**, **Tom Rance**, **Sharon
Roberts**, **Lucy Shimwell**, **Bianca Tiesman**

Series: 100 Cases

100 Cases in Paediatrics presents 100 scenarios commonly seen in children by medical students and junior doctors in hospital and community settings. A succinct summary of the patient's history, examination and any initial investigations is followed by questions on the diagnosis and management of each case. The answer includes a detailed discussion on each topic, providing an essential revision aid as well as a practical guide for students and resident doctors. These true-to-life cases will teach students and residents to recognize important medical conditions in children, and to develop their diagnostic and management skills.

CRC Press
July 2026 : 362pp
Pb: 978-1-041-16725-9 : **£29.99**
Hb: 978-1-041-14013-9 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041167259

3RD EDITION

ABCs of Abdominal Ultrasound

Theory and Practice



Edited by **Martín Marchese Ratti**, **José Carlos Sánchez Sánchez**, **Keith Albert Foo Gil**

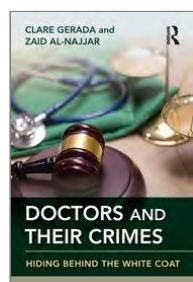
This third edition of the work, directed by the Spanish Society of General and Family Medicine (SEMG), is an essential guide for healthcare professionals seeking to master abdominal ultrasound - coined as "the stethoscope of the 21st century" - an indispensable diagnostic tool. It features a completely revamped collection of images and original illustrations, and is enriched with a new atlas of ultrasound images of the most common abdominal pathologies. It is an invaluable resource designed to consolidate and update knowledge in this field for those who aspire to enter the wonderful world of ultrasound and take their clinical and diagnostic practice to the next level.

CRC Press
August 2026 : 232pp
Pb: 978-1-041-33248-0 : **£52.99**
Hb: 978-1-041-33246-6 : **£150**

* For full contents and more information, visit: www.routledge.com/9781041332480

Doctors and Their Crimes

Hiding Behind the White Coat



Clare Gerada Royal College of General Practitioners, UK,
Zaid Al-Najjar

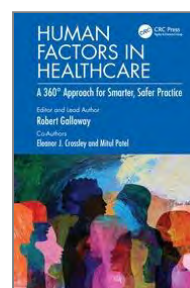
Doctors and Their Crimes is a compelling, meticulously researched exploration of doctors who commit criminal acts. Written by two experienced general practitioners, the book examines high-profile cases of medical malpractice, fraud, manslaughter, sexual misconduct and abuse of power. Combining forensic analysis with professional insight, it reveals how these crimes unfold within the trusted structures of healthcare, where authority and access can be misused. An essential resource for healthcare professionals, academics and general readers alike, the book delivers a thought-provoking examination of the ethical complexities and societal implications of professional misconduct.

CRC Press
October 2026 : 220pp
Pb: 978-1-041-31861-3 : **£26.99**
Hb: 978-1-041-34189-5 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041318613

Human Factors in Healthcare

A 360° Approach for Smarter, Safer Practice



Rob Galloway MBBS BSc MRCP FRCM PGCEd
Emergency Medicine Consultant, Brighton and Sussex
University Hospitals NHS Trust, **Eleanor J. Crossley**,
Mitul Patel

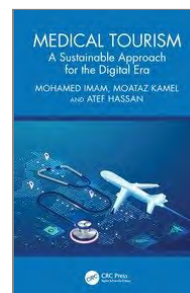
Healthcare is full of brilliant, dedicated people but the conditions we work in often mean we fall short of the care we want to give. Mistakes aren't usually the result of bad individuals. Instead, they are the predictable outcome of poorly designed systems and cultures that don't make safety easy and when staff don't feel supported or listened to, it is almost impossible for them to deliver safe care.

CRC Press
May 2026 : 250pp
Pb: 978-1-138-49877-8 : **£34.99**
Hb: 978-1-138-49878-5 : **£200**
eBook: 978-1-351-01571-4

* For full contents and more information, visit: www.routledge.com/9781138498778

Medical Tourism

A Sustainable Approach for the Digital Era



Mohamed Imam, **Moataz Kamel**, **Atef Hassan**

This groundbreaking book challenges the status quo of medical tourism, shifting the focus from competition and volume to what truly matters: value, safety and accountability. It explores the realities of cross-border care, from the motivations behind patient travel to the complex web of facilitators, insurers and providers that shape the journey. Written for clinicians, managers, facilitators, insurers, policymakers and patients, this book provides actionable insights, emphasizing environmentally friendly practices, ethical considerations and high-quality patient care needed to transform medical tourism into transnational healthcare that prioritizes outcomes over promises.

CRC Press
November 2026 : 240pp
Pb: 978-1-041-15438-9 : **£52.99**
Hb: 978-1-041-14009-2 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041154389

Responsible Research Conduct

What Investigations into Alleged Research Misconduct Tell Us About Scientific Integrity



Khalid S. Khan

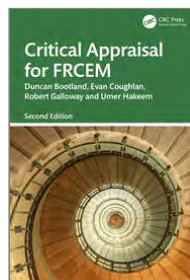
This book addresses the growing disillusionment and cynicism about irresponsible and unprofessional practices by researchers, academic institutions and medical publishers. Providing an in-depth analysis of publicly available reports of research misconduct investigations, all meticulously collated by the author over the past five years, Responsible Research Conduct targets specific research integrity concerns, providing updated recommendations for research integrity guidelines. Showing individuals and organisations how to learn from mistakes and improve the research integrity culture, it will be invaluable to students, researchers and systematic reviewers.

CRC Press
November 2026 : 200pp
Pb: 978-1-041-10602-9 : **£36.99**
Hb: 978-1-041-10603-6 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041106029

2ND EDITION

Critical Appraisal for FRCEM



Duncan Bootland MBBS BSc FRCEM Consultant in Emergency Medicine, Brighton & Sussex University Hospitals NHS Trust, UK, **Evan Coughlan** MD BCh NUI MRCEd DSEM DipTox FRCEM Consultant in Emergency Medicine, Brighton & Sussex University Hospitals NHS Trust, UK, **Robert Galloway** MBBS BSc MRCP FRCEM PGcMedED Emergency Medicine Consultant, Brighton and Sussex University Hospitals NHS Trust, **Umer Hakeem** MBBS BSc PgCertMedSim FRCEM Higher Specialty Trainee in Emergency Medicine in the East of England Deanery, Luton and Dunstable Hospital NHS Trust, UK.

Established as an essential revision resource for the Fellowship of the Royal College of Emergency Medicine (FRCEM) examination, this fully-revised second edition has been thoroughly updated to reflect the current FRCEM format. Crammed with essential information, key tips and advice delivered in an accessible style, this is a vital resource for candidates aiming to excel in the critical appraisal elements of the exam. A reliable revision source for those seeking success in the FRCEM and MRCEM examinations, it is also required reading for anyone looking to incorporate evidence-based medicine into their everyday clinical practice.

CRC Press

August 2026 : 176pp

Pb: 978-1-032-54732-9 : £36.99

Hb: 978-1-032-61330-7 : £200

* For full contents and more information, visit: www.routledge.com/9781032547329

Practice of Forensic Nursing in Kenya

Bridging Healthcare and Justice



Edited by **Irene Gacheri Mageto**, **Eunice W. Ndirangu-Mugo**, **Joyce Jebet Cheptum**, **Serah Wanjiru Wachira**, **Isabel Kambo**

Practice of Forensic Nursing offers a practical exploration of forensic nursing in the Kenyan context, emphasizing its critical role at the intersection of healthcare and justice. It emphasizes practical forensic nursing skills for caring for violence victims while preserving medico-legal evidence integrity. It details step-by-step guidance on trauma-informed care, comprehensive assessment, and evidence collection across diverse settings. It highlights the role of nurses in collaboration with a multidisciplinary team.

CRC Press

October 2026 : 248pp

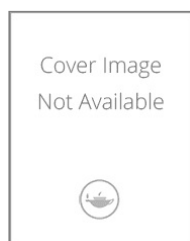
Pb: 978-1-041-26819-2 : £74.99

Hb: 978-1-041-27326-4 : £200

* For full contents and more information, visit: www.routledge.com/9781041268192

Principles of Forensic Nursing in Kenya

Bridging Healthcare and Justice



Edited by **Irene Gacheri Mageto**, **Eunice W. Ndirangu-Mugo**, **Joyce Jebet Cheptum**, **Serah Wanjiru Wachira**, **Isabel Kambo**

Principles of Forensic Nursing presents a foundational and comprehensive overview of forensic nursing, with a focus on its growing significance in Kenya's healthcare and legal systems. It introduces the core concepts and ethical frameworks that guide forensic nursing practice. Through a multidisciplinary lens, the book explores the nurse's role in bridging healthcare and justice, emphasizing patient advocacy, preservation of evidence, and respect for human rights. Featuring insights from medical practitioners, legal professionals, and academic experts, the text integrates illustrative case studies to deepen understanding of the nurse's contribution to healthcare and justice.

CRC Press

October 2026 : 192pp

Pb: 978-1-041-27547-3 : £74.99

Hb: 978-1-041-26870-3 : £200

* For full contents and more information, visit: www.routledge.com/9781041275473

Enhancing Medical Education Using AI

Cover Image
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Edited by **Jason Liebowitz** Assistant Professor of Medicine Columbia University Vagelos College of Physicians and Surgeons New York, NY, **Marcy B. Bolster**, **Philip Seo** Johns Hopkins University School of Medicine, Baltimore, USA

Series: *AI in Clinical Practice*

The use of Artificial Intelligence (AI) in medicine can deliver significant improvements in the delivery of health care. As clinicians learn more about the technology and grow alongside it, so too will new methods of using and analyzing clinical data emerge. Medical education encompasses many levels: medical school, internship, residency, fellowship, and continuing medical education. At each of these levels, AI is, and will, revolutionize the way that health care providers learn, teach, and share information. This book is the first of its kind to explore the potential ways in which AI may specifically transform medical education across the globe.

CRC Press
October 2026 : 240pp
Pb: 978-1-041-03304-2 : £39.99
Hb: 978-1-041-01969-5 : £200

* For full contents and more information, visit: www.routledge.com/9781041033042

From Eating Disorders to Dysfunctional Eating Attitudes and Behaviors Continuum

The Core of Body Perceptions



Edited by **Monthuy-Blanc Johana** Academic in Mental Health Montreal, Canada, **Giulia Corno** Academic in Mental Health Montreal, Canada

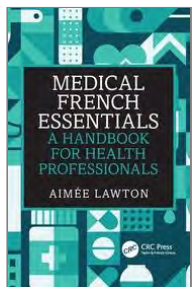
This edited volume offers a comprehensive, evidence-based exploration of dysfunctional eating attitudes and behaviours through the lens of body perceptions. Bringing together international experts, the book bridges theoretical, empirical, and applied perspectives to deepen understanding of how body image, embodiment, and sociocultural factors shape eating-related distress. The volume highlights the impact of contemporary phenomena, such as social media and the COVID-19 pandemic, while proposing innovative approaches to assessment and intervention, including virtual reality and prevention programs.

CRC Press
August 2026 : 228pp
Hb: 978-1-032-68497-0 : £115

* For full contents and more information, visit: www.routledge.com/9781032684970

Medical French Essentials

A Handbook for Health Professionals



Aimée Lawton

This comprehensive and accessible resource bridges the gap between linguistic skills and medical knowledge, making it an essential addition for healthcare professionals seeking to work within humanitarian aid or undertake electives and fellowships in French-speaking territories. Providing a convenient alternative or addition to in-person and online teaching, the book features glossaries, vocabulary, medical descriptions, diagrams, question and answer pages, as well as unique clinical cases allowing in-class discussions and debates. It has been designed to accompany the Méd-Essentials courses provided by the AFMS, but also to be used independently by healthcare professionals.

CRC Press
August 2026 : 236pp
Pb: 978-1-041-23192-9 : £20.99
Hb: 978-1-041-21482-3 : £105

* For full contents and more information, visit: www.routledge.com/9781041231929

Study Skills for Medical Students



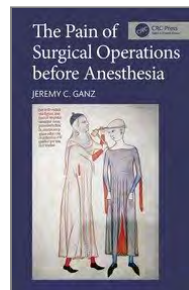
Khalid Khan South Croydon, UK

This fun, pocket-sized and practical guide is jam-packed with helpful tips on how to remember those all-important medical facts crucial to exam success and invaluable throughout the medical career. Featuring over 250 individual mnemonics across all areas of the biomedical sciences, medicine, surgery and the specialties the book also includes invaluable guidance to revision and fact retention. Building on the success of popular guides by the same author and updated to reflect the latest clinical guidance, *Study Skills for Medical Students* is an essential read for every medical student, and will also be invaluable to students of pharmacy, nursing and allied health subjects.

CRC Press
October 2026 : 240pp
Pb: 978-1-041-36641-6 : £24.99
Hb: 978-1-041-36642-3 : £200

* For full contents and more information, visit: www.routledge.com/9781041366416

The Pain of Surgical Operations before Anesthesia



Jeremy C. Ganz

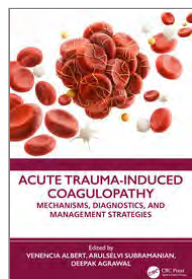
Covering a previously unexplored area in the history of surgery, this innovative resource provides a historical overview of how surgeons managed the pain of an operation. Presenting these different eras in the history of surgery with a range of detailed examples, this book also offers inferential interpretations for how surgeons incorporated their understanding of pain into their surgical practice. With key topics, surgeons and surgical techniques covered, this book will be suited for medical students taking courses on the history of surgery and will be of interest to practitioners of various surgical specialties and medical historians.

CRC Press
August 2026 : 190pp
Hb: 978-1-041-25382-2 : £110

* For full contents and more information, visit: www.routledge.com/9781041253822

Acute Trauma-Induced Coagulopathy

Mechanisms, Diagnostics, and Management Strategies



Edited by **Venencia Albert**, **Arulselvi Subramanian**, **Deepak Agrawal**

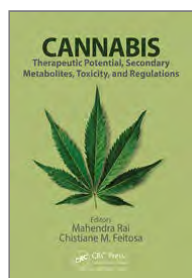
Trauma-induced coagulopathy (TIC), is a life-threatening complication affecting severely injured patients. This text covers TIC's pathophysiology, risk factors, TBI-associated coagulopathy, diagnostic tools, transfusion prediction scores, and management strategies along with insights into cutting-edge diagnostic approaches. Looking towards the future, it discusses emerging innovations in trauma care and concludes with valuable lessons from a retrospective analysis offering both regional perspective and global implications for improving trauma care protocols and patient survival for clinicians, trauma surgeons, emergency physicians, and healthcare researchers.

CRC Press
July 2026 : 218pp
Pb: 978-1-041-17406-6 : **£52.99**
Hb: 978-1-041-19299-2 : **£140**

* For full contents and more information, visit: www.routledge.com/9781041174066

Cannabis

Therapeutic Potential, Secondary Metabolites, Toxicity, and Regulations



Edited by **Mahendra Rai** SGB Amravati Univeristy, Maharashtra, India, **Chistiane M. Feitosa**

Cannabis: Therapeutic Potential, Secondary Metabolites, Toxicity, and Regulations offers a comprehensive overview of the medicinal promise and scientific complexity of Cannabis sativa. This book explores its key bioactive compounds—cannabinoids, terpenes, and flavonoids—highlighting their therapeutic applications, toxicity concerns, and potential drug interactions. It also addresses evolving global regulations, quality control challenges, and safety standards. With insights from experts in science and policy, this volume serves as an essential reference for researchers, clinicians, and decision-makers navigating the future of cannabis-based medicine.

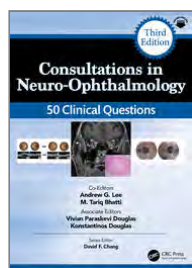
CRC Press
August 2026 : 338pp
Hb: 978-1-041-08635-2 : **£105**

* For full contents and more information, visit: www.routledge.com/9781041086352

3RD EDITION

Consultations in Neuro-Ophthalmology

50 Clinical Questions



Edited by **Andrew Lee**, **M. Tariq Bhatti**

Series: *Consultation in Ophthalmology*

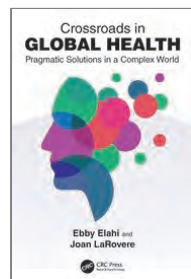
This new edition contains concise practical and evidence-based answers to the most frequently asked questions posed during a consultation between ophthalmology and neuro-ophthalmology colleagues. It provides information basic enough for residents while incorporating expert pearls that even high-volume ophthalmologists will appreciate. Residents, fellows, and practicing physicians alike will benefit from the user-friendly casual format of the book containing expert advice from the leaders in the field of neuro-ophthalmology.

CRC Press
May 2026 : 240pp
Pb: 978-1-041-05896-0 : **£78.99**
Hb: 978-1-041-05900-4 : **£200**
eBook: 978-1-003-63280-1

* For full contents and more information, visit: www.routledge.com/9781041058960

Crossroads in Global Health

Pragmatic Solutions in a Complex World



Edited by **Ebby Elahi**, **Joan LaRovere**

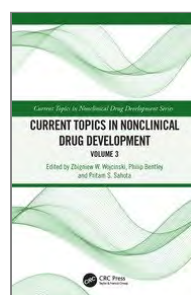
This accessible and thought-provoking new book serves as a critical assessment of the state of global health philanthropy, as well as a commentary on the philosophy of philanthropy and the real-world impact it can have on recipients and volunteers. Crossroads in Global Health seeks to shed light on these issues. Complimenting existing global health resources by the same author, including World Compendium of Healthcare Facilities and Nonprofit Organizations, this book will be of interest to a wide array of readers including medical practitioners, academics, and those in the non-profit, public and private sectors providing international aid and healthcare around the globe.

CRC Press
November 2026 : 218pp
Pb: 978-1-032-41768-4 : **£29.99**
Hb: 978-1-032-42539-9 : **£200**

* For full contents and more information, visit: www.routledge.com/9781032417684

Current Topics in Nonclinical Drug Development

Volume 3



Edited by **Zbigniew W. Wojcinski**, **Philip Bentley**, **Pritam S. Sahota** Global ToxPath, LLC, USA

Series: *Current Topics in Nonclinical Drug Development Series*

This third volume in the series focuses on such germane issues as the weight of evidence approach, the 3Rs, (Replacement, Reduction, and Refinement) personalized drug therapies, and oncology therapeutics, among others. Volumes in this series are aimed at toxicologists and toxicologic pathologists involved in drug development.

CRC Press
October 2026 : 328pp
Hb: 978-1-032-80350-0 : **£170**

* For full contents and more information, visit: www.routledge.com/9781032803500

Dictionary of Eye Care and Vision Science



Matt J. Dunn

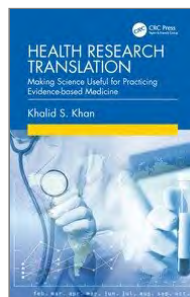
Technical terminology in eye care and vision sciences can be challenging to navigate, particularly in busy clinical and academic contexts. Dunn's Dictionary of Eye Care and Vision Science is a concise quick-reference glossary covering topics including ocular anatomy and physiology, optics, clinical techniques, pathology, low vision, orthoptics, perception, and psychophysics, as well as contemporary clinical and research terminology. Focusing on specialised terminology, this dictionary is valuable to students, clinicians and researchers across optometry, ophthalmology, orthoptics and vision science, as well as related fields including medical education and visual rehabilitation.

CRC Press
October 2026 : 192pp
Pb: 978-1-041-33706-5 : **£52.99**
Hb: 978-1-041-35119-1 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041337065

Health Research Translation

Making Science Useful for Practicing Evidence-based Medicine



Khalid S. Khan

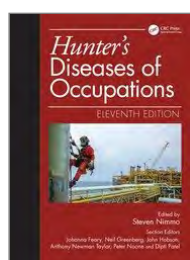
This book focuses on how research translation can be maximised to make evidence-based medicine (EBM) truly achievable, filling the gap between advances in medical research and clinical practice. By consolidating the various related ideas in the translation journey, starting with citizen involvement in science all the way through to knowledge transfer, this unique book provides invaluable guidance to a variety of individuals involved in EBM. It will stimulate debate among masters and doctoral students undertaking courses in EBM and related areas, and will be of value to biomedical researchers, systematic reviewers, and healthcare professionals including doctors and nurses.

CRC Press
August 2026 : 210pp
Pb: 978-1-041-10608-1 : **£34.99**
Hb: 978-1-041-10610-4 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041106081

11TH EDITION

Hunter's Diseases of Occupations



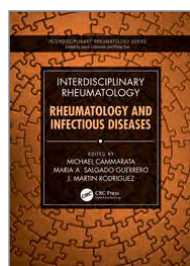
Edited by **Steven Nimmo, Johanna Feary, Neil Greenberg, John Hobson, Anthony Newman Taylor, Peter Noone, Dipti Patel**

In the seven decades since its first publication, this award-winning text has remained the pre-eminent reference on diseases caused by work, universally recognised as the most authoritative source of information in the field. It remains an essential clinical resource, offering comprehensive coverage of a wide range of diverse topics from asbestos-related diseases, bioterrorism and major chemical incidents to employee wellness and working under the sea and at altitude, many of which are increasingly relevant in today's occupational health landscape. The Eleventh Edition has been fully revised and updated under a new and expanded team of expert editors and international contributors.

CRC Press
December 2026 : 1340pp
Hb: 978-1-032-58283-2 : **£200**

* For full contents and more information, visit: www.routledge.com/9781032582832

Interdisciplinary Rheumatology: Rheumatology and Infectious Diseases



Edited by **Michael Cammarata, Maria A. Salgado Guerrero, J. Martin Rodriguez**

Series: Interdisciplinary Rheumatology

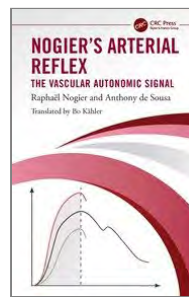
Rheumatologists frequently confront infections that complicate, mimic, or arise from the treatment of autoimmune disease, demanding careful distinction from disease flare and thoughtful management of immunosuppression. Infectious disease specialists express a reciprocal need: deepening their understanding of immune dysregulation, immunomodulatory therapies, and the systemic manifestations that shape outcomes in rheumatic disease.

CRC Press
October 2026 : 200pp
Pb: 978-1-041-04488-8 : **£52.99**
Hb: 978-1-041-04489-5 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041044888

Nogier's Arterial Reflex

The Vascular Autonomic Signal



Raphaël Nogier, Anthony de Sousa

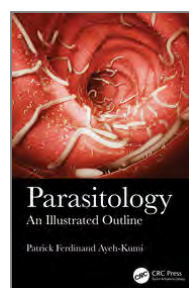
Discover the profound connection between the autonomic nervous system and the art of clinical observation in Nogier's Arterial Reflex. This groundbreaking book explores Paul Nogier's revolutionary discovery—the arterial reflex (RAC) and its role as a diagnostic tool with a wide scope of possibilities for clinical exploration. Through detailed methods, measurements, and tests, the authors present RAC as a simple yet powerful diagnostic approach, capable of unlocking the complexities of the neurovegetative system. By emphasizing direct clinical observation over technology, this work reaffirms the importance of intuition, empathy, and the art of medicine.

CRC Press
September 2026 : 320pp
Pb: 978-1-041-27277-9 : **£84.99**
Hb: 978-1-041-27282-3 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041272779

Parasitology

An Illustrated Outline



Patrick Ferdinand Ayeh-Kumi

This accessible reference provides a comprehensive overview of parasitic organisms, covering their practical applications and fundamental concepts that impact global health and ecosystems. From intricate life cycles to advanced diagnostic techniques, the text illuminates the complex world of parasites through clear explanations and visual learning aids. Designed for students and professionals across continents, it serves as an essential resource for infectious disease and public health practitioners. The book's balanced approach to theory and application makes parasitology accessible to readers at various expertise levels while maintaining scientific rigor and clinical relevance.

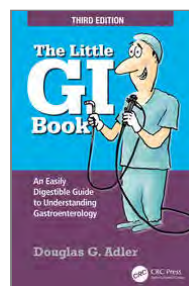
CRC Press
October 2026 : 192pp
Pb: 978-1-041-22398-6 : **£29.99**
Hb: 978-1-041-22786-1 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041223986

3RD EDITION

The Little GI Book

An Easily Digestible Guide to Understanding Gastroenterology



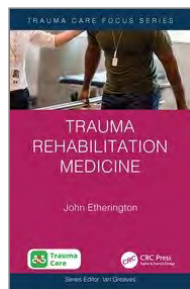
Douglas Adler

Freshly updated to its 3rd edition with over 100 color images, tables, and figures, this practical and portable handbook is an essential resource for anyone new to gastroenterology and hepatology. Written in a friendly, conversational style, it covers the latest advancements in the field while providing a comprehensive guide to gastrointestinal anatomy, physiology, diseases, and treatments. Dr. Douglas G. Adler takes readers through the entire GI tract, from the esophagus to the colon, with a special chapter on endoscopy. Perfect for students, residents, and GI industry professionals, this pocket guide is indispensable.

CRC Press
September 2026 : 266pp
Pb: 978-1-041-14130-3 : **£44.99**
Hb: 978-1-041-14131-0 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041141303

Trauma Rehabilitation Medicine



John Etherington

Series: Trauma Care Focus

Rehabilitation is vital in trauma recovery, addressing physical, mental, and psychosocial needs to improve outcomes for survivors facing life-altering injuries. The UK Defence Medical Services and partners showcase the benefits of rehabilitation at individual and national levels. This guide draws on military experience to present a comprehensive framework applicable to all trauma patients requiring long-term care.

CRC Press

September 2026 : 160pp

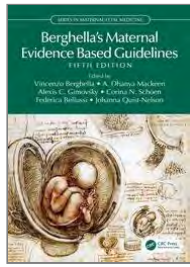
Pb: 978-1-041-00948-1 : **£31.99**

Hb: 978-1-041-00949-8 : **£130**

* For full contents and more information, visit: www.routledge.com/9781041009481

5TH EDITION

Berghella's Maternal Evidence Based Guidelines



Edited by **Vincenzo Berghella**, **A Dhanya Mackeen**, **Alexis C Gimovsky**, **Corina N Schoen**, **Federica Bellussi**, **Johanna Quist-Nelson**

Series: *Series in Maternal-Fetal Medicine*

This new edition of an acclaimed text reviews the evidence for best practice in Maternal-Fetal and Obstetric Medicine, to present the reader with the right information, with appropriate use of proven interventions and avoidance of ineffectual or harmful ones. The information is presented in the right format by summarizing evidence succinctly and clearly in tables and algorithms. The aim is to inform the clinician, to reduce errors and "to make it easy to do it right."

CRC Press

October 2026 : 584pp

Hb: 978-1-032-99137-5 : £150

* For full contents and more information, visit: www.routledge.com/9781032991375

5TH EDITION

Berghella's Maternal, Fetal, and Obstetric Evidence Based Guidelines 5E, 3-vol set



Edited by **Vincenzo Berghella** Jefferson Medical College of Thomas Jefferson University, Philadelphia, PA, USA, **A Dhanya Mackeen**, **Alexis C Gimovsky**, **Corina N Schoen**, **Federica Bellussi**, **Johanna Quist-Nelson**

Series: *Series in Maternal-Fetal Medicine*

This new edition of an acclaimed text reviews the evidence for best practice in Maternal-Fetal and Obstetric Medicine, to present the reader with the right information, with appropriate use of proven interventions and avoidance of ineffectual or harmful ones. The information is presented in the right format by summarizing evidence succinctly and clearly in tables and algorithms. The aim is to inform the clinician, to reduce errors and "to make it easy to do it right."

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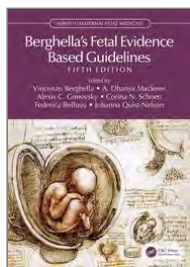
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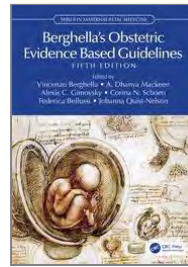
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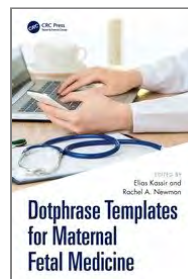
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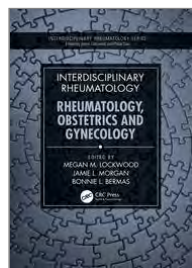
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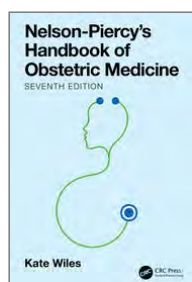
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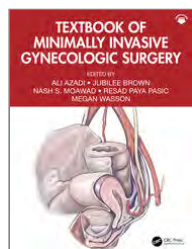
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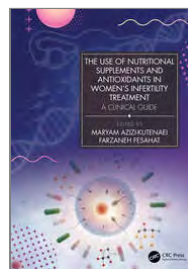
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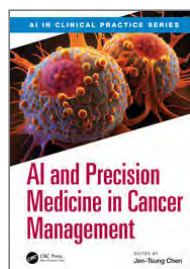
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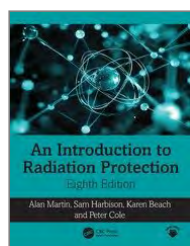
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CRC Press

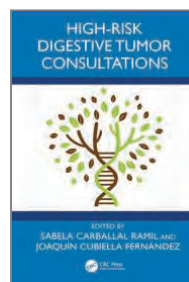
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Edited by **Sabela Carballal Ramil**, **Joaquín Cubiella Fernández**

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August 2026 : 372pp

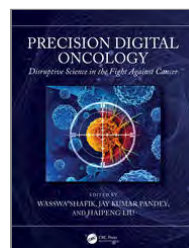
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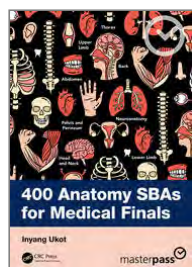
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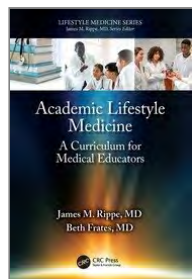
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Series: Challenging Cases

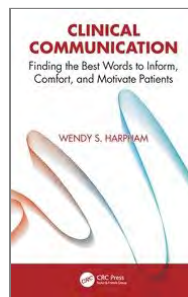
When a few doctors get together, they always start discussing their fascinating cases, and one can learn a lot from the diagnostic journey, including the blind alleys, taken by others. Yet case report publications are rare because they are not cited. These challenging cases in paediatric respiratory medicine from all around the world, are chosen to illustrate important learning points. The format is a case scenario followed by the diagnosis, learning points, and brief background material, with references for further reading.

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Finding the Best Words to Inform, Comfort, and Motivate Patients



Wendy S. Harpham

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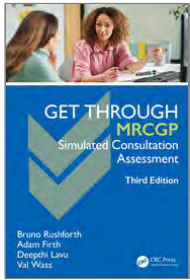
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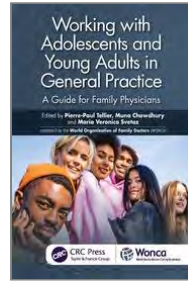
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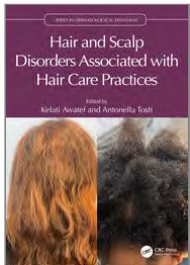
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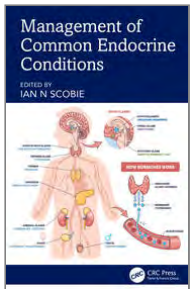
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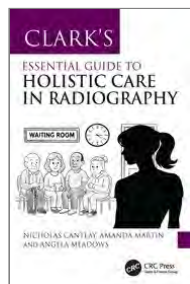
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CRC Press

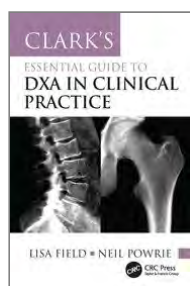
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CRC Press

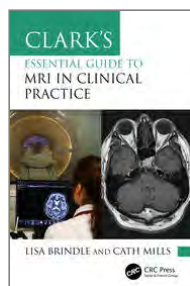
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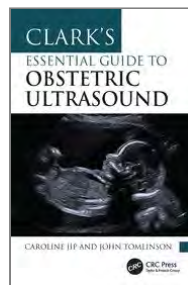
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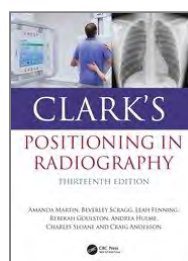
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Clark's Positioning in Radiography



Amanda Martin , Beverley Scragg , Leah Fenning , Rebekah Goulston , Andrea Hulme , Charles Sloane , Craig Anderson

First published in 1939, Clark's Positioning in Radiography is the preeminent text on radiographic positioning technique. Whilst retaining the clear and easy-to-follow structure of the previous edition, the fourteenth edition has been updated to focus on positioning and to align with current radiographic standards and the changing roles of radiographers in modern clinical practice. By integrating evidence-based guidelines and drawing on real world experience, the book provides clear, practical guidance that empowers radiographers to achieve optimal imaging outcomes while prioritizing patient safety and comfort.

CRC Press

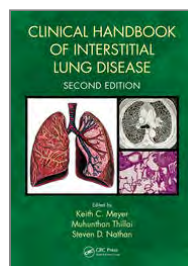
September 2026 : 612pp

Pb: 978-1-041-24696-1 : **£130**

* For full contents and more information, visit: www.routledge.com/9781041246961

2ND EDITION

Clinical Handbook of Interstitial Lung Disease



Edited by **Keith C. Meyer MD, MS** University of Wisconsin, Madison, USA, **Muhunthan Thillai MBBS, MRCP, PhD** Papworth Hospital, Cambridge, UK, **Steven D. Nathan**

The 2nd Edition of The Clinical Handbook of Interstitial Lung Disease is an update of the 1st Edition and provides a comprehensive guide for practicing physicians and other health care providers who are involved in the diagnosis and management of diverse forms of Interstitial Lung Disease (ILD). Key global opinion leaders in respiratory medicine have drawn on their knowledge and experience to generate an authoritative, comprehensive, and concise guidebook for use in clinical settings and clinical research.

CRC Press

July 2026 : 498pp

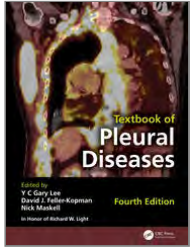
Pb: 978-1-032-58731-8 : **£160**

Hb: 978-1-032-58732-5 : **£400**

* For full contents and more information, visit: www.routledge.com/9781032587318

4TH EDITION

Textbook of Pleural Diseases



Edited by **Y C Gary Lee**, **David J. Feller-Kopman**, **Nick Maskell**, **Richard W. Light** MD FCCP Professor of Medicine, Vanderbilt University, Nashville, Tennessee, USA

This comprehensive reference book on pleural disease offers the latest insights into both basic and clinical science. Building on the highly respected previous editions, it features an expanded basic science section to deepen understanding of the physiological and pathophysiological mechanisms underlying pleural diseases. The clinical sections are presented in a consistent format, covering definitions, epidemiology, etiology, pathogenesis, clinical presentations, investigations, treatments, and potential complications for each subtype of pleural disease. This indispensable resource is designed for pulmonary physicians, internists, thoracic surgeons, and trainees worldwide.

CRC Press

October 2026 : 592pp

Hb: 978-1-032-56475-3 : £170

* For full contents and more information, visit: www.routledge.com/9781032564753

50 Landmark Papers every Neurosurgeon Should Know



Edited by **Jignesh Tailor**

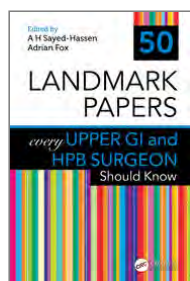
Series: *50 Landmark Papers*

This indispensable resource provides a comprehensive guide to the most impactful studies that have shaped the field of neurosurgery. It distils the key findings and clinical relevance of 50 landmark papers across the full spectrum of neurosurgical subspecialties. Designed with the needs of neurosurgery residents, fellows, and junior faculty in mind, this book provides a concise, high-yield format that is ideal for preparing for the ABNS oral board exam, FRCS, and FRCS(C) certifications. Each chapter is authored by leading experts in the field, offering unique insights into the rationale, methodology, and clinical impact of these pivotal studies.

CRC Press
September 2026 : 304pp
Pb: 978-1-032-53577-7 : **£38.99**
Hb: 978-1-032-54293-5 : **£200**

* For full contents and more information, visit: www.routledge.com/9781032535777

50 Landmark Papers every Upper GI and HPB Surgeon Should Know



Edited by **A H Sayed-Hassen , Adrian Fox**

Series: *50 Landmark Papers*

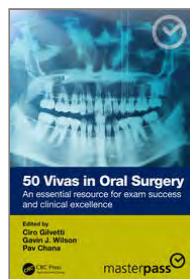
In the ever-evolving field of Upper Gastrointestinal (UGI) and Hepato-Pancreato-Biliary (HPB) surgery, staying informed about the pivotal research that shapes clinical practice is essential. 50 Landmark Papers Every Upper GI and HPB Surgeon Should Know is a carefully curated collection of influential studies that have transformed decision-making in the management of complex conditions. Organized into focused sections—gallbladder, liver, pancreas, stomach, bile duct, oesophagus, endoscopic treatment, obesity, and general topics—this book serves as a practical guide for surgeons and trainees alike.

CRC Press
October 2026 : 220pp
Pb: 978-1-032-98121-5 : **£38.99**
Hb: 978-1-032-98122-2 : **£145**

* For full contents and more information, visit: www.routledge.com/9781032981215

50 Vivas in Oral Surgery

Exam-Focused Case Scenarios for Specialty Training and Clinical Practice



Edited by **Ciro Gilvetti , Gavin J. Wilson , Pav Chana**

Series: *MasterPass*

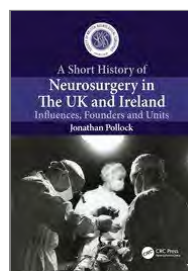
50 Vivas in Oral Surgery is a comprehensive viva-style textbook offering 50 real-life clinical scenarios, designed to facilitate preparation for relevant examinations. Each illustrated viva presents a clinical scenario with history and investigations, followed by a series of questions exploring differential diagnoses, treatment planning and management of complex medical conditions. With contributions from leading UK and International specialists, all cases have been peer reviewed by Consultants in the specialty, this book is a must-have revision aid for students preparing for specialty exams, board certifications, or seeking to improve their knowledge in Oral Surgery.

CRC Press
November 2026 : 348pp
Pb: 978-1-041-14233-1 : **£52.99**
Hb: 978-1-041-14234-8 : **£200**

* For full contents and more information, visit: www.routledge.com/9781041142331

A Short History of Neurosurgery in the UK and Ireland

Influences, Founders and Units



Jonathan Pollock

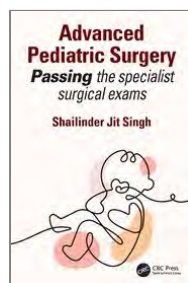
This book delves into the origins of British and Irish neurosurgery, marking one hundred years since the founding of the Society of British Neurological Surgeons. Every decision in the operating room is shaped by what came before—published outcomes, the wisdom of past mentors, and the lessons of history. Drawing on primary sources, a fresh perspective on the formative years of the specialty is provided. From the creation of a unique network of surgical units to groundbreaking scientific advancements, the remarkable achievements of the field's forebears are celebrated in this tribute to their originality, dedication to patient care, and relentless pursuit of progress.

CRC Press
August 2026 : 194pp
Pb: 978-1-032-87949-9 : **£59.99**
Hb: 978-1-032-84661-3 : **£140**

* For full contents and more information, visit: www.routledge.com/9781032879499

Advanced Pediatric Surgery

Passing the specialist surgical exams



Edited by **Shailinder Jit Singh**

A concise revision guide designed to support pediatric surgical residents, fellows and practitioners in mastering the core knowledge required for specialist pediatric surgery exams worldwide. Covering 84 high-yield topics featuring clinical pathways, bullet points and simple line diagrams to facilitate rapid learning and bedside application. Authored by a team of internationally recognized experts with experience across five continents, this book reflects the diversity and shared foundations of pediatric surgical care providing a practical reference for pediatric surgeons and the multidisciplinary team caring for pediatric surgical patients.

CRC Press
August 2026 : 420pp
Pb: 978-1-032-46089-5 : **£89.99**
Hb: 978-1-032-46088-8 : **£225**

* For full contents and more information, visit: www.routledge.com/9781032460895

Artificial Intelligence in Neurosurgery

Translatable Technologies and Current Advances



Edited by **Anand Veeravagu , Ethan Schonfeld**

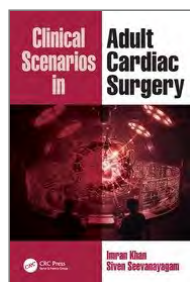
Series: *AI in Clinical Practice*

This groundbreaking textbook equips neurosurgeons with the foundational knowledge to navigate the complexities of AI in clinical practice. It explores the remarkable progress of AI systems, from machine learning-enhanced neuronavigation to agentic systems capable of autonomous, multi-step workflows. With a focus on real-world clinical data, fairness, and interpretability, the book addresses the critical hurdles of evaluation lag, dataset curation, and regulatory oversight.

CRC Press
October 2026 : 280pp
Pb: 978-1-032-74837-5 : **£74.99**
Hb: 978-1-032-74838-2 : **£140**

* For full contents and more information, visit: www.routledge.com/9781032748375

Clinical Scenarios in Adult Cardiac Surgery

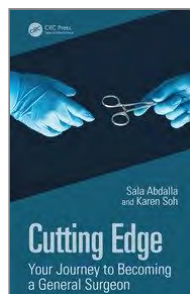


Imran Khan , Siven Seevanayagam

This book bridges the gap between conventional casebooks and real-world surgical decision-making to offer a realistic picture of the challenges faced by cardiac surgeons. Formatted to emphasize strategic problem-solving with more complex patients it enhances decision-making abilities with thought-provoking cases and explanations of surgical concepts in routine practice. Addressing both core concepts and complex situations that demand higher-order thinking, *Clinical Scenarios in Adult Cardiac Surgery* is an effective resource for cardiac surgeons and those training in adult cardiac surgery, as well as cardiologists and nurses involved in the care of cardiac surgical patients.

CRC Press
June 2026 : 240pp
Pb: 978-1-041-16383-1 : **£74.99**
Hb: 978-1-041-16815-7 : **£200**
eBook: 978-1-003-68649-1
* For full contents and more information, visit: www.routledge.com/9781041163831

Cutting Edge: Your Journey to Becoming a General Surgeon

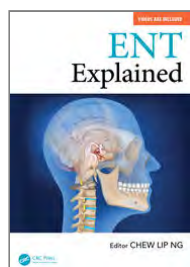


Sala Abdalla Imperial College London, UK, **Karen Chien Lin Soh**

Cutting Edge: Your Journey to Becoming a General Surgeon provides aspiring surgeons with a comprehensive roadmap from medical school to becoming a fully-fledged surgeon. This practical resource offers readers the tools to build a competitive portfolio at every stage of their career. Surgical training is broken down into three phases with specific guidance for each level, and by following this structured approach, medical students and surgical trainees will learn how to get their careers off on the right foot, understand which pathways to pursue and when, and develop the strategic thinking necessary to progress successfully through increasingly competitive selection processes.

CRC Press
August 2026 : 152pp
Pb: 978-1-032-88293-2 : **£32.99**
Hb: 978-1-032-88419-6 : **£105**
* For full contents and more information, visit: www.routledge.com/9781032882932

ENT Explained



Edited by **Chew Lip Ng**

Designed for medical students and residents, *ENT Explained* offers a clear, structured approach to understanding and managing ENT conditions. It blends essential knowledge with practical clinical reasoning, giving learners strong diagnostic frameworks they can apply in practice. Through case scenarios, the book demonstrates how ENT conditions unfold in real clinical settings, while its rich collection of photographs sharpens recognition of key findings. A dedicated section on ENT procedures and surgeries provides accessible insights into operative principles—knowledge often difficult to obtain before hands-on experience.

CRC Press
July 2026 : 448pp
Pb: 978-1-041-02510-8 : **£52.99**
Hb: 978-1-041-02509-2 : **£200**
* For full contents and more information, visit: www.routledge.com/9781041025108

Prosthodontics and Restorative Dentistry

Latest Advances in Digital Technologies



Edited by **Zohaib Khurshid , Muhammad Sohail Zafar , Dinesh Rokaya**

This helpful resource explains many digital technologies in prosthetics, restorative dentistry, and oral tissue engineering. It covers the latest advances in digital workflow for making complete denture prosthodontics, removable partial denture prosthodontics, fixed prosthodontics (crowns and bridge, veneer, inlay, and Inlays), implant prosthodontics, and maxillofacial prosthodontics.

CRC Press
June 2026 : 170pp
Hb: 978-1-032-55014-5 : **£120**
eBook: 978-1-003-42854-1
* For full contents and more information, visit: www.routledge.com/9781032550145

9TH EDITION

Scott-Brown's Otorhinolaryngology and Head and Neck Surgery

2 volume set



Edited by **Adam Donne , Iain Nixon**

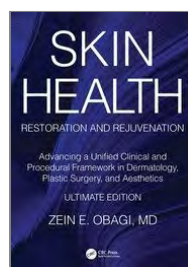
Whether you're a resident, fellow, or experienced practitioner, this essential resource provides the depth and breadth of knowledge required for excellence in contemporary ENT practice. Available in both print and digital formats, it combines nearly a century of otolaryngology excellence with contemporary clinical approaches. Perfect for training, examination preparation, and consultant practice, the 9th edition upholds Scott Brown's legacy while embracing modern medical education needs through its concise, accessible presentation in two streamlined, authoritative volumes that maintain its position as the cornerstone text in ear, nose, and throat surgery.

CRC Press
July 2026 : 2912pp
Hb: 978-1-032-53507-4 : **£520**
* For full contents and more information, visit: www.routledge.com/9781032535074

3RD EDITION

Skin Health Restoration and Rejuvenation

Advancing a Unified Clinical and Procedural Framework in Dermatology, Plastic Surgery, and Aesthetics, Ultimate Edition



Zein E. Obagi

For more than four decades, Dr. Zein Obagi has reshaped the aesthetics industry by redefining skin health through science-based principles and protocols. In this book, he shares the philosophies, research, and clinical insights that transformed modern dermatology and continue to guide physicians and patients toward lifelong, healthy skin. This volume sets the gold standard not only for plastic surgeons, dermatologists and cosmetic facial surgeons, but also for skincare professionals worldwide.

CRC Press
October 2026 : 408pp
Hb: 978-1-032-61095-5 : **£150**
* For full contents and more information, visit: www.routledge.com/9781032610955

Surgical Robotics and Computer-Assisted Surgery

Fundamentals and Advances



Edited by **Kapil Joshi , Kiruthigha R. , Gopal Krishna , Prabhishek Singh , Manoj Diwakar** Graphic Era
Deemed to be Uni, India

This book presents a comprehensive exploration of surgical robotics and computer-assisted surgery, covering fundamental concepts, enabling technologies, and recent advancements. It examines robotic system design, imaging integration, AI-assisted decision support, and clinical applications across modern surgical practices. Designed to bridge engineering and medicine, the book highlights current challenges, ethical considerations, and future directions in intelligent, technology-driven surgical interventions.

CRC Press

August 2026 : 320pp

Hb: 978-1-041-08738-0 : **£105**

* For full contents and more information, visit: www.routledge.com/9781041087380

Technology in Head & Neck Surgery



Edited by **Abdul Ahmed**

Incorporating the latest insights into developing technologies, this book explores the practical aspects of learning, implementing, and treating patients with these tools in head and neck surgery. This comprehensive volume features detailed explorations into a range of pioneering areas, from robotic surgery to virtual reality and augmented reality. Illustrating the various ways in which new technologies can be practically applied to head and neck surgery, this book will be a valuable tool for practicing head and neck surgeons and students interested in the ways that tech is transforming modern healthcare.

CRC Press

July 2026 : 246pp

Pb: 978-1-032-73969-4 : **£74.99**

Hb: 978-1-032-74578-7 : **£200**

eBook: 978-1-003-46995-7

* For full contents and more information, visit: www.routledge.com/9781032739694

2ND EDITION

Colour Atlas of Reconstructive Techniques in the Dog and Cat



Jolle Kirpensteijn Hills Pet Nutrition, Topeka, Kansas, USA, **Bryden J Stanley** Michigan State Univ., **Gert ter Haar**

The new edition of this practical atlas describes and illustrates, step-by-step, all currently available reconstructive surgical techniques. With new real-life cases and detailed sketches, the book covers both dogs and cats with skin defects caused by injury or tumor resection. The reader is given the widest possible range of treatment options for dealing with individual cases.

CRC Press

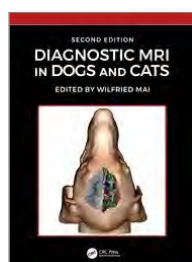
July 2026 : 358pp

Hb: 978-0-367-02999-9 : £170

* For full contents and more information, visit: www.routledge.com/9780367029999

2ND EDITION

Diagnostic MRI in Dogs and Cats



Edited by **Wilfried Mai** Univ, of Pennsylvania

Making the vast and complex topic of clinical MRI in small animals accessible to all veterinarians, this remains the first reference textbook to provide a comprehensive, image-rich overview of the current knowledge, focusing on imaging appearance rather than on clinical signs or treatment. MRI images from low, mid, and high-field magnets reflect the diversity of equipment used today. This second edition reflects our broader understanding of MRI's clinical utility, bringing in the latest research, additional or better case examples, and refinements that reflect how far the field has come. It includes five new chapters and replacement of many lower resolution images.

CRC Press

June 2026 : 916pp

Hb: 978-1-032-55064-0 : £245

eBook: 978-1-003-42922-7

* For full contents and more information, visit: www.routledge.com/9781032550640

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