

Routledge

# Medicine and Veterinary Medicine Catalogue

January - June 2026  
New and Forthcoming Titles



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## Algal Biorefineries in Circular Economy for Climate Change Resilience



Edited by **Fayaz A. Malla , Suhaib A. Bandh**

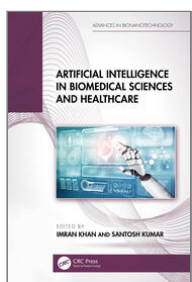
Series: *Climate Change Resilience through Biorefinery Technologies*

This book explores the multifaceted role of algae in addressing sustainable development, circular economy practices, and climate change mitigation issues.

CRC Press  
November 2025 : 250pp  
Hb: 978-1-032-84285-1 : £91.99  
eBook: 978-1-003-68581-4

\* For full contents and more information, visit: [www.routledge.com/9781032842851](http://www.routledge.com/9781032842851)

## Artificial Intelligence in Biomedical Sciences and Healthcare



Edited by **Imran Khan , Santosh Kumar**

Series: *Advances in Bionanotechnology*

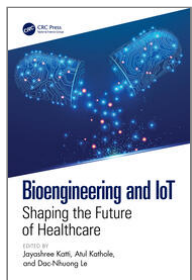
This book presents a comprehensive overview of how Artificial Intelligence is revolutionizing the fields of biochemistry, biomedical sciences, and healthcare. With the ability to minimize human error, assist medical professionals, and provide round-the-clock patient services, AI has become an indispensable tool in modern medicine. It highlights its diverse applications, ranging from medical imaging and diagnostics to treatment planning, disease prediction, and healthcare management. Bridging theory and practice, the book introduces the fundamental concepts of biomedical sciences and machine learning, making it accessible to students, early-career researchers, and professionals alike.

CRC Press  
March 2026 : 240pp  
Hb: 978-1-032-86574-4 : £110

\* For full contents and more information, visit: [www.routledge.com/9781032865744](http://www.routledge.com/9781032865744)

## Bioengineering and IoT

Shaping the Future of Healthcare



Edited by **Jayashree Katti , Atul Kathole , Dac-Nhuong Le**

Series: *Bioengineering*

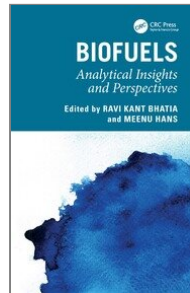
This book explores how bioengineering and IoT are revolutionizing healthcare through their groundbreaking convergence. It examines healthcare automation that streamlines delivery and management through electronic health records, pharmacy systems, and remote monitoring. The authors investigate how IoT enhances rehabilitation with smart devices for personalized care and patient monitoring, and addresses industry challenges through blockchain technology to improve data security and privacy. Essential reading for healthcare professionals, technologists, researchers, students, and anyone interested in the transformative intersection of bioengineering and IoT in healthcare's future.

CRC Press  
January 2026 : 256pp  
Hb: 978-1-032-90315-6 : £110

\* For full contents and more information, visit: [www.routledge.com/9781032903156](http://www.routledge.com/9781032903156)

## Biofuels

Analytical Insights and Perspectives



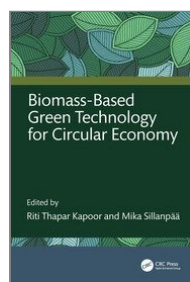
Edited by **Ravi Kant Bhatia , Meenu Hans**

As winter approaches, discover this essential guide to sustainable fuel alternatives. "Biofuels: Analytical Insights and Perspectives" explores bioethanol, biogas, biohydrogen, biobutanol, and microbial fuel cells—from basic concepts to commercial applications. Covering production methods, analytical techniques, and environmental impacts, this timely resource helps researchers, industry professionals, and policymakers navigate seasonal energy challenges while illuminating the path toward a greener future through cutting-edge biofuel technologies.

CRC Press  
January 2026 : 376pp  
Hb: 978-1-032-77970-6 : £130

\* For full contents and more information, visit: [www.routledge.com/9781032779706](http://www.routledge.com/9781032779706)

## Biomass-Based Green Technology for Circular Economy



Edited by **Riti Thapar Kapoor** Amity University, India,  
**Mika Sillanpää**

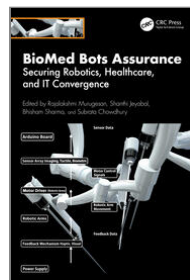
This book provides up to date information on advanced technologies and future directions for management of waste biomass for carbon neutrality and development of circular economy. It addresses critical environmental issues and challenges related to agro-waste management. It provides practical solutions to the readers on how to meet these challenges. The book is aimed to provide wide information to researchers and professionals on state-of-art of biotechnology, circular economy, and waste treatment.

CRC Press  
November 2025 : 402pp  
Hb: 978-1-032-79696-3 : £150  
eBook: 978-1-003-50046-9

\* For full contents and more information, visit: [www.routledge.com/9781032796963](http://www.routledge.com/9781032796963)

## BioMed Bots Assurance

Securing Robotics, Healthcare, and IT Convergence



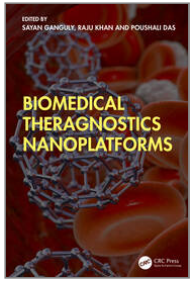
Edited by **Rajalakshmi Murugesan , Shanthi Jeyabal , Bhisam Sharma , Subrata Chowdhury**

"BioMed Bots Assurance" examines biomedical robotics' evolution through engineering, analyzing its healthcare impact with focus on precision and AI integration. The book establishes foundations for understanding robotics in healthcare while exploring implementation challenges, IT security protocols, and ethical considerations. Designed for students, professionals, and researchers in biomedical engineering, robotics, and healthcare technology, this resource bridges fundamental concepts with practical applications, addressing privacy concerns and standards maintenance in the rapidly evolving field of medical robotics.

CRC Press  
January 2026 : 366pp  
Hb: 978-1-032-91094-9 : £130

\* For full contents and more information, visit: [www.routledge.com/9781032910949](http://www.routledge.com/9781032910949)

## Biomedical Theragnostics Nanoplatforms



Edited by **Sayan Ganguly, Raju Khan, Poushali Das**

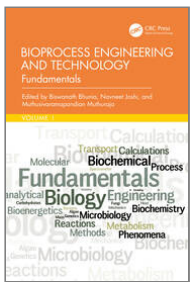
This book aims to provide a thorough resource in Biomedical Theragnostics Nanoplatforms with coverage from the basics of nanotechnology to the nuances of designing and manufacturing nanoplatforms to their many uses in biomedicine. It covers specific applications of these nanosystems in areas including personalized medicine, real-time disease monitoring, and tailored drug delivery including the pertinent regulatory and ethical concerns. It is a guide to the intriguing junction of nanotechnology and medicine by providing insights, case examples, and a forward-looking viewpoint. This book is aimed at researchers and graduate students in bioengineering, nanotechnology, and biomedicine.

CRC Press  
March 2026 : 464pp  
Hb: 978-1-032-79575-1 : £170

\* For full contents and more information, visit: [www.routledge.com/9781032795751](http://www.routledge.com/9781032795751)

## Bioprocess Engineering and Technology

Fundamentals



Edited by **Biswanath Bhunia, Navneet Joshi, Muthusivaramapandian Muhuraja**

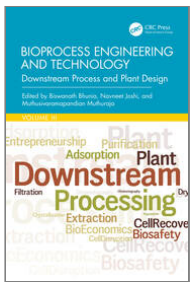
The book introduces the reader to basics in both engineering and life sciences required for designing an optimal bioprocess system. It encompasses life science subjects such as cell physiology, microbiology, biochemistry, and molecular biology for the benefit of engineers and contains engineering fundamentals required for life science experts which are restricted to fluid mechanics, reaction engineering, heat and mass transfer, and analytical techniques involved in bioprocess engineering. The book is intended to provide the fundamentals to senior undergraduate, postgraduate students and researchers working in bioprocess engineering for applications in industrial-scale processes.

CRC Press  
November 2025 : 342pp  
Hb: 978-0-367-67562-2 : £120  
eBook: 978-1-003-13392-6

\* For full contents and more information, visit: [www.routledge.com/9780367675622](http://www.routledge.com/9780367675622)

## Bioprocess Engineering and Technology

Downstream Process and Plant Design



Edited by **Biswanath Bhunia, Navneet Joshi, Muthusivaramapandian Muhuraja**

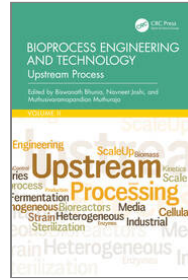
This book deals with the practical aspects in bioprocess plant design, project engineering, process economics, IPR, and biobusiness prospects related to bioprocess engineering. The book also explains how productivity, efficiency and safety of process plants hinge on proper equipment functionality. The text is wide in scope and highlights the multidimensional approach for developing expertise in bioprocessing and would be a useful resource for students studying bioprocess engineering as well as entrepreneurs and managers in the business.

CRC Press  
November 2025 : 292pp  
Hb: 978-0-367-67567-7 : £120  
eBook: 978-1-003-13394-0

\* For full contents and more information, visit: [www.routledge.com/9780367675677](http://www.routledge.com/9780367675677)

## Bioprocess Engineering and Technology

Upstream Process



Edited by **Biswanath Bhunia, Navneet Joshi, Muthusivaramapandian Muhuraja**

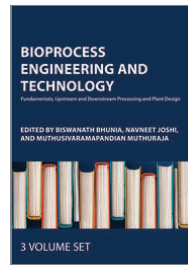
This book discusses the various cellular interventions that are required for the upstream processes in bioprocess engineering such as growth requirement of different cell types, their maintenance, and various recombinant strategies/tools available to identify and develop a cellular factory for high level synthesis of a desired product. This book is intended for students and researchers looking to develop the upstream processes involved in an industrial-scale bioprocess. Standard Blurb / BCC:

CRC Press  
November 2025 : 304pp  
Hb: 978-0-367-67564-6 : £120  
eBook: 978-1-003-13395-7

\* For full contents and more information, visit: [www.routledge.com/9780367675646](http://www.routledge.com/9780367675646)

## Bioprocess Engineering and Technology: Three-Volume Set

Fundamentals, Upstream and Downstream Processing and Plant Design



Edited by **Biswanath Bhunia, Navneet Joshi, Muthusivaramapandian Muhuraja**

This three-book set introduces the basic fundamentals in both engineering and life sciences required for designing an optimal bioprocess system. It covers upstream and downstream processes as well as practical aspects in bioprocess plant design and project engineering, process economics, IPR, and biobusiness prospects related to bioprocess engineering. It highlights the multidimensional approach for developing expertise in bioprocessing and would be a useful resource for students, researchers and professionals studying bioprocess engineering and upstream processes involved in an industrial-scale bioprocessing operation as well as entrepreneurs and managers in the business.

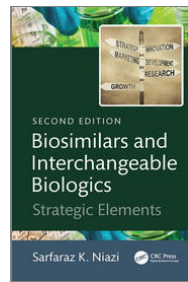
CRC Press  
November 2025 : 938pp  
Hb: 978-0-367-67561-5 : £290

\* For full contents and more information, visit: [www.routledge.com/9780367675615](http://www.routledge.com/9780367675615)

2ND EDITION

## Biosimilars and Interchangeable Biologics

Strategic Elements



**Sarfraz K. Niazi** Therapeutic Proteins International, LLC, USA

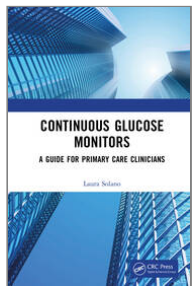
This second edition explores biosimilar drugs' strategic planning, focusing on legal aspects including patents, intellectual property, and regulatory pathways. It examines science, technology, finance, ethics, and politics while presenting development and lifecycle management strategies. The book covers historical context, changing perceptions, and new regulatory considerations for biosimilars in expanding markets. It addresses universal dossier creation strategies and cost-reducing manufacturing technologies. Essential for pharmaceutical scientists, biotechnology engineers, regulatory specialists, analytical chemists, and quality assurance professionals in biopharmaceuticals.

CRC Press  
December 2025 : 326pp  
Hb: 978-1-032-86997-1 : £195  
eBook: 978-1-003-53037-4

\* For full contents and more information, visit: [www.routledge.com/9781032869971](http://www.routledge.com/9781032869971)

## Continuous Glucose Monitors

A Guide for Primary Care Clinicians



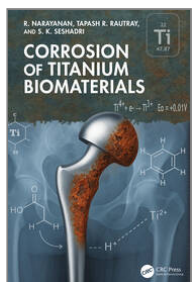
**Laura Solano**

This book presents a structured analysis of Continuous Glucose Monitoring (CGM), integrating research findings, clinical applications, and technological insights. It investigates CGM accuracy, glycemic data interpretation, developing over-the-counter CGMs, billing and coding, and implications for various patient populations, including athletes and those with pre-diabetes. This book combines historical perspectives, data-driven analysis, and clinical recommendations. It will be an invaluable resource for graduate students, academics, and healthcare professionals working in diabetes care and biomedical sciences.

CRC Press  
November 2025 : 100pp  
Hb: 978-1-041-10653-1 : £165  
eBook: 978-1-003-65618-0

\* For full contents and more information, visit: [www.routledge.com/9781041106531](http://www.routledge.com/9781041106531)

## Corrosion of Titanium Biomaterials



**R. Narayanan** Vellore Institute of Technology, Chennai,  
**Tapash R. Rautray** PO- Sainik School, Bhubaneswar, **S. K. Seshadri** IIT Madras (Retd)

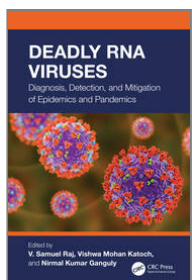
This book deals with basic aspects of electrochemical corrosion of titanium body implants and associated mitigation strategies. It explains corrosion of titanium implants and current coating technologies for preventing corrosion in a body fluid type environment. Insights are also provided about the titanium clinical failures and various regulatory statutory mandates governing the use of biomaterials. It explains the development of new titanium alloys, their properties applicable for body implant applications and new additive manufacturing methods. This book is aimed at researchers in materials and biomedical sciences, and professionals related to Titanium implant manufacturing.

CRC Press  
December 2025 : 422pp  
Hb: 978-1-032-88012-9 : £140  
eBook: 978-1-003-68352-0

\* For full contents and more information, visit: [www.routledge.com/9781032880129](http://www.routledge.com/9781032880129)

## Deadly RNA Viruses

Diagnosis, Detection, and Mitigation of Epidemics and Pandemics



*Edited by* **V. Samuel Raj** SRM University, **Vishwa Mohan Katoch**, **Nirmal Kumar Ganguly**

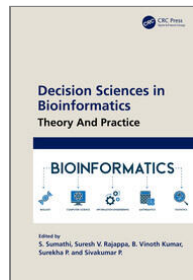
This book provides information about the deadly viruses causing the pandemics in the world, and provides clarity about the epidemiology of the diseases. The authors also present information about the available drugs, new drugs discovery/ development and the vaccines against the deadly viruses. It also discusses diagnosis through AI and Machine Learning for early detection, as well as prevention, and treatment of various viruses. This book will include exhaustive material regarding various aspects of virus which has caused pandemic and would be good reference and textbook for students, researchers in biotechnology and microbiology.

CRC Press  
December 2025 : 404pp  
Hb: 978-0-367-65258-6 : £165

\* For full contents and more information, visit: [www.routledge.com/9780367652586](http://www.routledge.com/9780367652586)

## Decision Sciences in Bioinformatics

Theory And Practice



*Edited by* **S. Sumathi** PSG College of Technology, Coimbatore, Tamil Nadu, India, **Suresh V. Rajappa**, **B. Vinoth Kumar** PSG College of Technology, **Surekha P.**, **Sivakumar P.**

Bioinformatics deals with computational and mathematical approaches for understanding and processing biological data.

CRC Press  
March 2026 : 200pp  
Hb: 978-1-032-53549-4 : £91.99

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## Designing Simple Instructions for Medical Products



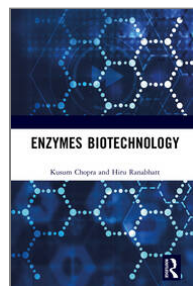
**Michael Wiklund**, **Jonathan Kendler**, **Katelynn Larson**

This book presents core principles pertaining to narrative and graphical content and explores the nuances of making instructions – an important part of a medical product's user interface – safe, effective, and satisfying to use. It presents many design principles in an artful manner, replete with interesting, real-world examples. This book will help anybody, from novice to experienced pro, tasked with designing instructions for a medical product. In turn, better instructions should help manufacturers produce demonstrably safe and effective products with clear benefits accruing to the healthcare system and to patients.

CRC Press  
November 2025 : 236pp  
Pb: 978-1-032-72289-4 : £65.99  
Hb: 978-1-032-72290-0 : £81.99  
eBook: 978-1-032-72296-2

\* For full contents and more information, visit: [www.routledge.com/9781032722894](http://www.routledge.com/9781032722894)

## Enzymes Biotechnology



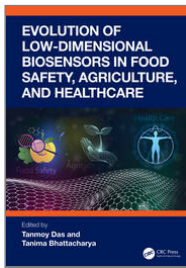
**Kusum Chopra**, **Hiru Ranabhatt**

This book offers new comprehensive study on enzyme biotechnology covering fundamental concepts through industrial applications. The book provides detailed study that examines enzyme engineering, classification, production methods, and applications across multiple industries, and is suitable for biotechnology researchers and professionals working with enzyme systems. This title has been co-published with Woodhead Publishing India. Taylor & Francis does not sell or distribute the print edition in India, Sri Lanka, Nepal, Bangladesh, Pakistan, and Bhutan.

CRC Press  
January 2026 : 426pp  
Hb: 978-1-041-21750-3 : £165

\* For full contents and more information, visit: [www.routledge.com/9781041217503](http://www.routledge.com/9781041217503)

## Evolution of Low-Dimensional Biosensors in Food Safety, Agriculture, and Healthcare



Edited by **Tanmoy Das , Tanima Bhattacharya**

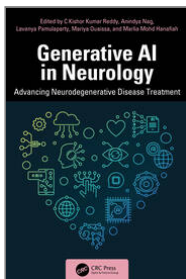
This book provides the principles of nanomaterial-based biosensors, including methods of transduction, molecular recognition, and amplification, fabrication techniques, development of point-of-care devices for environmental, food, and medical diagnostics. It also examines future trends, difficulties, and prospects for disposable sensing devices. It focuses on sensors and sensing networks for strain, pressure, surface bio-potential, and directions. It underlines selection of low-dimensional carbon materials, matrix and substrate materials, their interactions, and structural designs. It is aimed at researchers and graduate students in materials science, nanotechnology, and biosensors.

CRC Press  
February 2026 : 504pp  
Hb: 978-1-032-60963-8 : £165

\* For full contents and more information, visit: [www.routledge.com/9781032609638](http://www.routledge.com/9781032609638)

## Generative AI in Neurology

Advancing Neurodegenerative Disease Treatment



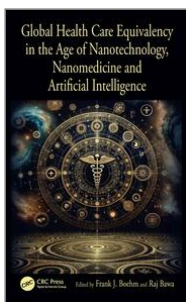
Edited by **C Kishor Kumar Reddy , Anindya Nag**  
Northern University of Business and Technology Khulna, Bangladesh, **Lavanya Pamulaparty , Mariya Ouaisa , Marlia Mohd Hanafiah**

This book comprehensively explores the intersection between AI and neurology, focusing on the application of generative models in diagnosing, treating, and managing neurodegenerative diseases. It includes principles of generative AI, its function in neuroimaging, biomarker identification, medication development, and tailored treatment options. It examines how these advanced AI approaches are leveraged to increase the detection and treatment of neurodegenerative illnesses. The concepts are supported by case studies and examples. This book is aimed at graduate students and researchers in biomedical and computer engineering, artificial intelligence, health informatics.

CRC Press  
November 2025 : 384pp  
Hb: 978-1-041-08215-6 : £140  
eBook: 978-1-003-64439-2

\* For full contents and more information, visit: [www.routledge.com/9781041082156](http://www.routledge.com/9781041082156)

## Global Health Care Equivalency in the Age of Nanotechnology, Nanomedicine and Artificial Intelligence



Edited by **Frank J. Boehm , Raj Bawa**

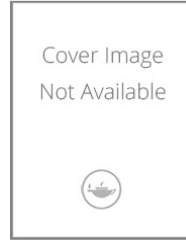
This groundbreaking volume explores the vision of a Global Health Care Equivalency system powered by artificial intelligence and quantum computing on secure blockchains, creating an equitable healthcare framework accessible worldwide. The book provides analyses of quantum encryption, blockchain implementation, and AI-driven diagnostics. Essential reading for healthcare policy makers, medical technology researchers, AI specialists, global health advocates, and graduate students in healthcare administration and biomedical engineering, particularly benefiting professionals at the intersection of healthcare and emerging technologies seeking to address global health disparities.

CRC Press  
December 2025 : 306pp  
Hb: 978-1-138-63199-1 : £125

\* For full contents and more information, visit: [www.routledge.com/9781138631991](http://www.routledge.com/9781138631991)

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  
May 2026 : 920pp  
Hb: 978-1-032-12364-6 : £190

\* For full contents and more information, visit: [www.routledge.com/9781032123646](http://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  
June 2026 : 504pp  
Hb: 978-1-032-12365-3 : £165

\* For full contents and more information, visit: [www.routledge.com/9781032123653](http://www.routledge.com/9781032123653)

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



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

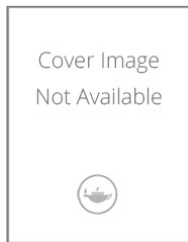
This volume focuses on abdominal MRI technique with a complete overview ranging from liver main pathologies to stomach, colon up to kidney and male and female pelvis diseases. It provides a comprehensive guide to all main abdomen pathologies and MRI applications. This book is intended for students, radiologists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

CRC Press  
June 2026 : 550pp  
Hb: 978-1-032-12366-0 : £190

\* For full contents and more information, visit: [www.routledge.com/9781032123660](http://www.routledge.com/9781032123660)

2ND EDITION

## Imaging of the Cardiovascular System and Thorax



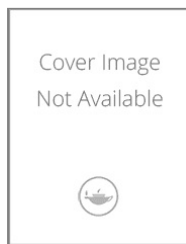
Edited by **Luca Saba** University of Cagliari, Italy

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  
June 2026 : 472pp  
Hb: 978-1-032-12367-7 : £165

\* For full contents and more information, visit: [www.routledge.com/9781032123677](http://www.routledge.com/9781032123677)

## Microfluidic Technologies for Cell Analysis and Beyond



Edited by **Zongjie (Daniel) Wang**

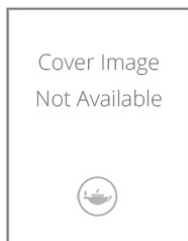
Microfluidic Technologies for Cell Analysis and Beyond blooms with fresh insights into cellular manipulation. This seasonal must-read introduces fundamental microfluidic principles for controlling biochemical and biophysical cell properties—from single-cell proteomics to population-level analysis. Like the precision of nature's awakening, these techniques offer researchers powerful tools for disease diagnosis and therapeutic development. Perfect timing for spring research planning, this comprehensive guide helps scientists across biology, engineering, and medicine cultivate groundbreaking discoveries in the flourishing field of microfluidics.

CRC Press  
January 2026 : 312pp  
Hb: 978-1-032-86239-2 : £140

\* For full contents and more information, visit: [www.routledge.com/9781032862392](http://www.routledge.com/9781032862392)

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  
June 2026 : 2446pp  
Hb: 978-1-032-12363-9 : £720

\* For full contents and more information, visit: [www.routledge.com/9781032123639](http://www.routledge.com/9781032123639)

## Molecular Manufacturing

The Future of Nanomedicine



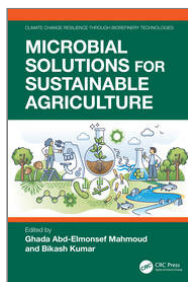
Edited by **Frank J. Boehm**

Molecular Manufacturing: The Future of Nanomedicine explores the revolutionary potential of atomically precise manufacturing technologies to transform global healthcare. This forward-thinking volume examines how Factory@Home systems could enable cost-effective domestic fabrication of advanced autonomous nanomedical devices capable of addressing numerous health challenges, including aging itself. This visionary work is essential for researchers, healthcare professionals, and technology enthusiasts interested in the convergence of nanotechnology, medicine, and artificial intelligence as it revolutionizes healthcare delivery worldwide.

CRC Press  
December 2025 : 256pp  
Hb: 978-1-138-63200-4 : £130

\* For full contents and more information, visit: [www.routledge.com/9781138632004](http://www.routledge.com/9781138632004)

## Microbial Solutions for Sustainable Agriculture



Edited by **Ghada Abd-Elmonsef Mahmoud, Bikash Kumar**

Series: *Climate Change Resilience through Biorefinery Technologies*

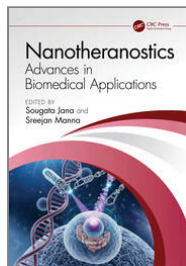
This book explains microbial roles for agricultural sustainability especially under climatic changes including role of microorganisms in sustainable agriculture. Major coverage entails role of microbial enzymatic roles in agriculture, microbial phytohormones as promising plant sustainable bioagents, phosphate, potassium and calcium solubilizing microbes as alternative bio-fertilizers. It introduces microbial solutions to mitigate the biotic and abiotic stress, with high attention to temperature rising, and water limitation due to the climatic changes. This book is aimed at researchers and graduate students in microbiology, agriculture and sustainability.

CRC Press  
December 2025 : 392pp  
Hb: 978-1-032-86354-2 : £120

\* For full contents and more information, visit: [www.routledge.com/9781032863542](http://www.routledge.com/9781032863542)

## Nanotheranostics

Advances in Biomedical Applications



Edited by **Sougata Jana, Sreejan Manna**

Nanotheranostic is a growing field that describes the use of nanotechnology for diagnostic and therapeutic applications. The book reviews the recent advancements in nanotheranostics in modern-day healthcare. It describes the general preparatory methods of nano carriers for theranostic purposes, alongside their applications in various fields. The book is expected to be useful for students, researchers and professionals working in the field of biomedical engineering, nanotheranostics and nanomaterials.

CRC Press  
November 2025 : 376pp  
Hb: 978-1-032-87749-5 : £140

\* For full contents and more information, visit: [www.routledge.com/9781032877495](http://www.routledge.com/9781032877495)

## The Science and Applications of 3D Bioprinting

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

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

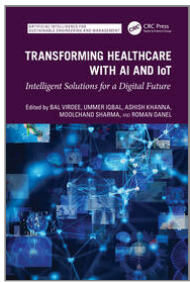
April 2026 : 328pp

Hb: 978-1-032-63814-0 : £120

\* For full contents and more information, visit: [www.routledge.com/9781032638140](http://www.routledge.com/9781032638140)

## Transforming Healthcare With AI And IoT

Intelligent Solutions for a Digital Future



Edited by **Bal Virdee** London Metropolitan University, **Ummer Iqbal**, **Ashish Khanna** Maharaja Agrasen Institute of Technology, India, **Moolchand Sharma** Maharaja Agrasen Institute of Technology, Rohini, Delhi, India, **Roman Danel**

Series: *Artificial Intelligence for Sustainable Engineering and Management*

This book explores the convergence of Artificial Intelligence (AI) and the Internet of Things (IoT) in transforming healthcare delivery. It provides a comprehensive overview of AIoT healthcare systems, covering concepts, architectures, applications, challenges, and future directions. The book is primarily written for professionals and researchers involved in healthcare management, information technology, and artificial intelligence. Additionally, undergraduate and graduate students studying healthcare technology, AI, or related fields would also find it invaluable.

CRC Press

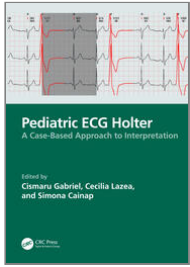
December 2025 : 368pp

Hb: 978-1-041-11142-9 : £120

\* For full contents and more information, visit: [www.routledge.com/9781041111429](http://www.routledge.com/9781041111429)

## Pediatric ECG Holter

A Case-Based Approach to Interpretation



*Edited by* **Cismaru Gabriel , Cecilia Lazea , Simona Cainap**

As arrhythmias may be transient and not seen during the shorter recording times of the standard ECG, ECG Holter monitoring allows the physician to make better-informed decisions for the cardiac patient. Here is a case-by-case teaching exercise in interpreting Holter monitors in the paediatric population. The cases reflect the broad spectrum of paediatric arrhythmias that are most frequently encountered. Paediatric cardiologists, paediatricians, and paediatric cardiac physiologists will develop the expertise to analyse the Holter ECG in children of varying ages.

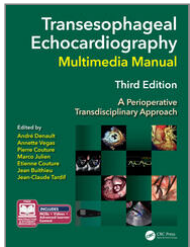
CRC Press  
November 2025 : 270pp  
Pb: 978-1-032-89871-1 : **£74.99**  
Hb: 978-1-032-89872-8 : **£99.99**  
eBook: 978-1-003-54504-0

\* For **full contents** and more information, visit: [www.routledge.com/9781032898711](http://www.routledge.com/9781032898711)

3RD EDITION

## Transesophageal Echocardiography Multimedia Manual

A Perioperative Transdisciplinary Approach



*Edited by* **André 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

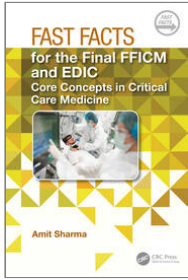
The third edition of the Transesophageal Echocardiography Multimedia Manual is a comprehensive resource and essential guide to the rapidly expanding field of perioperative transesophageal echocardiography (TEE), encompassing its role in newer cardiac surgery techniques, diverse interventional procedures, 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  
February 2026 : 1036pp  
Hb: 978-1-032-42460-6 : **£190**

\* For **full contents** and more information, visit: [www.routledge.com/9781032424606](http://www.routledge.com/9781032424606)

## Fast Facts for the Final FFICM and EDIC

Core Concepts in Critical Care Medicine



**Amit Sharma**

*Series: Fast Facts*

This comprehensive revision guide breaks down complex critical care concepts into over 200 essential topics, strategically designed in accessible bullet points and tables. It delivers only the most exam-relevant information, focusing specifically on past questions to maximize the chances of success, and the concise format allows for quick assimilation during crucial revision periods, making every study minute count. Confidence is the ultimate key to exam success, and this guide is the pathway to achieving it. By enabling efficient revision of the entire curriculum, it ensures candidates for the FFICM and EDIC enter their exams not just prepared, but empowered.

CRC Press

December 2025 : 472pp

Pb: 978-1-032-75927-2 : **£62.99**

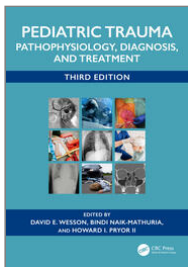
Hb: 978-1-032-75922-7 : **£160**

\* For full contents and more information, visit: [www.routledge.com/9781032759272](http://www.routledge.com/9781032759272)

3RD EDITION

## Pediatric Trauma

Pathophysiology, Diagnosis, and Treatment



*Edited by* **David E. Wesson** Baylor College of Medicine, Texas Children's Hospital, Houston, USA, **Bindi Naik-Mathuria** Texas Children's Hospital Surgery, Houston, USA, **Howard Irwin Pryor II**

Injuries cause more than half of all childhood deaths, with blunt forces causing most injuries. As the leading cause of death and disability in children over one year of age in the United States and among older children worldwide, trauma care requires specialized knowledge of pediatric differences. Designed for all healthcare providers who treat injured children, this book provides evidence-based recommendations and contemporary practices within the field. The content has been thoroughly revised and updated from prior editions to reflect the most current approaches to pediatric trauma care.

CRC Press

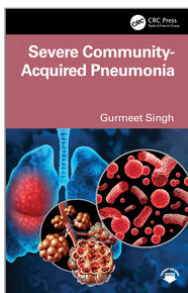
January 2026 : 502pp

Pb: 978-1-032-54724-4 : **£94.99**

Hb: 978-1-032-54723-7 : **£160**

\* For full contents and more information, visit: [www.routledge.com/9781032547244](http://www.routledge.com/9781032547244)

## Severe Community-Acquired Pneumonia



**Gurmeet Singh**

Severe community acquired pneumonia (SCAP) remains a significant threat to global health, causing immense morbidity and mortality. This book explores recent advances in pathogens, host immunity, and antimicrobial resistance. Details on innovative diagnostic techniques, including novel imaging modalities and biomarkers for rapid and accurate diagnosis, provides up-to-date guidance on therapeutic strategies such as FAST HUGS BID, along with palliative care and rehabilitation, supported by case studies.

CRC Press

December 2025 : 164pp

Pb: 978-1-041-04707-0 : **£29.99**

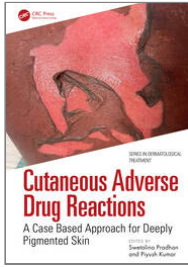
Hb: 978-1-041-04708-7 : **£99.99**

eBook: 978-1-003-62950-4

\* For full contents and more information, visit: [www.routledge.com/9781041047070](http://www.routledge.com/9781041047070)

## Cutaneous Adverse Drug Reactions

A Case Based Approach for Deeply Pigmented Skin



Edited by **Swetalina Pradhan , Piyush Kumar**

Series: *Series in Dermatological Treatment*

This concise practical guide is designed to facilitate the clinical decision-making process in the management of Cutaneous Adverse Drug Reactions by reviewing a number of cases and defining the various diagnostic and management decisions open to clinicians. Well illustrated and diverse in scope, the text will allow readers to obtain relevant information for both standard and unusual cases in a rapid, easy to digest format.

CRC Press

December 2025 : 200pp

Pb: 978-1-032-71455-4 : **£74.99**

Hb: 978-1-032-72167-5 : **£190**

eBook: 978-1-032-72174-3

\* For **full contents** and more information, visit: [www.routledge.com/9781032714554](http://www.routledge.com/9781032714554)

32ND EDITION

## Litt's Drug Eruption & Reaction Manual



Edited by **Neil H. Shear** University of Toronto, Canada

Litt's Drug Eruption & Reaction Manual is a succinct reference to give clinicians the essential information for an informed decision about patient management. This edition of the manual: \*Provides documentation of adverse reactions to the 1500 most consulted drug and herbal profiles \*Gives clinicians managing patients with many different medications a route to making an informed decision about problematic reactions \*Offers clinicians a one-stop reference for the essential information about a drug

CRC Press

January 2026 : 552pp

Pb: 978-1-041-20228-8 : **£140**

Hb: 978-1-041-20229-5 : **£350**

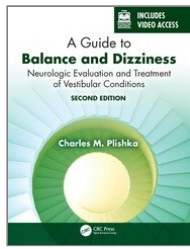
eBook: 978-1-003-71567-2

\* For **full contents** and more information, visit: [www.routledge.com/9781041202288](http://www.routledge.com/9781041202288)

2ND EDITION

## A Guide to Balance and Dizziness

Neurologic Evaluation and Treatment of Vestibular Conditions



**Charles M. Plishka**

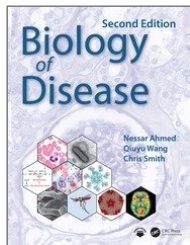
A Guide to Balance and Dizziness by Dr. Charles M. Plishka returns to address the increasing number of referrals to treat balance impairment, gait disorders, and dizziness. This expanded edition offers tests, measures, and interventions aligned to available research studies to support evidence-based practice. The new edition is a user-friendly reference and instructional text for physical therapy students and clinicians and an excellent resource for established physicians, vestibular and balance therapy specialists, occupational therapists, nurse practitioners, physician assistants, audiologists, and athletic trainers.

CRC Press  
December 2025 : 342pp  
Pb: 978-1-638-22081-7 : **£59.99**  
Hb: 978-1-032-90359-0 : **£170**

\* For full contents and more information, visit: [www.routledge.com/9781638220817](http://www.routledge.com/9781638220817)

2ND EDITION

## Biology of Disease



**Nessar Ahmed , Chris Smith , Qiuyu Wang**

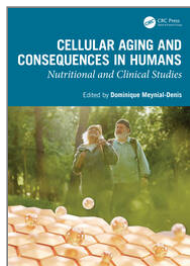
Biology of Disease describes the biology of many human disorders and disease encountered in a clinical setting. The authors assume no prior knowledge from the reader. Real cases used throughout illustrate the importance of biology in understanding the causes of disease, as well as in diagnosis and therapy. This second edition has been thoroughly updated throughout and is now presented in full colour with increased illustration. Carefully designed for first and second year students in biomedical science programs the book will also be a highly effective reference for health science professionals as well as being valuable to students beginning medical school.

CRC Press  
December 2025 : 666pp  
Pb: 978-1-032-28436-1 : **£54.99**  
Hb: 978-1-032-28437-8 : **£150**  
eBook: 978-1-003-29683-6

\* For full contents and more information, visit: [www.routledge.com/9781032284361](http://www.routledge.com/9781032284361)

## Cellular Aging and Consequences in Humans

Nutritional and Clinical Studies



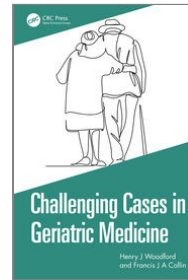
*Edited by* **Dominique Meynial-Denis** Unité de Nutrition Humaine, St Genès Champanelle, France

What if you could understand the intricate mechanisms that control how our cells age—and learn how to combat them? Cellular Aging and Consequences in Humans: Nutritional and Clinical Studies delivers a comprehensive exploration of cellular senescence and cutting-edge anti-aging strategies that may hold the key to healthier aging.

CRC Press  
December 2025 : 286pp  
Hb: 978-1-032-04194-0 : **£170**

\* For full contents and more information, visit: [www.routledge.com/9781032041940](http://www.routledge.com/9781032041940)

## Challenging Cases in Geriatric Medicine



**Henry J Woodford** Northumbria Healthcare NHS Foundation Trust, UK, **Francis J A Collin**

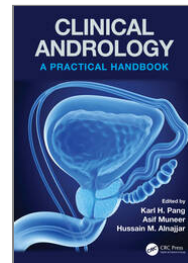
Geriatric medicine is challenging – people present with multiple problems at the same time, and case studies provide a good way to discuss this complexity. This book describes 30 cases of older people with frailty presenting to acute medical services. They cover a wide range of common presentations and management issues and explore the interplay of acute illness, multimorbidity, and physical and cognitive impairments. The book focuses on medicine optimisation, shared decision-making and advance care planning using key test results and imaging studies. Management options are discussed where disease-specific guidelines may not provide the solution when treating older adults.

CRC Press  
November 2025 : 202pp  
Pb: 978-1-032-94846-1 : **£49.99**  
Hb: 978-1-032-94847-8 : **£99.99**  
eBook: 978-1-003-58200-7

\* For full contents and more information, visit: [www.routledge.com/9781032948461](http://www.routledge.com/9781032948461)

## Clinical Andrology

A Practical Handbook



*Edited by* **Karl H. Pang** University of Sheffield, **Asif Muneer** , **Hussain M. Alnajjar**

This practical handbook serves as both a comprehensive revision tool for the FRCS(Urol) and FEBU examinations and a concise reference to the theoretical and clinical aspects of Andrology, an often underrepresented subspecialty in medical education and postgraduate training. Designed to support a wide range of healthcare professionals, this resource is valuable for those preparing for specialist exams and practising consultants seeking a focused update on contemporary practice. Its practical approach makes it a useful tool for refining clinical decision-making in both acute and elective settings, with accessible guidance for nurses, primary care physicians and psychosexual counsellors.

CRC Press  
December 2025 : 208pp  
Pb: 978-1-032-28286-2 : **£79.99**  
Hb: 978-1-032-28457-6 : **£200**  
eBook: 978-1-003-29691-1

\* For full contents and more information, visit: [www.routledge.com/9781032282862](http://www.routledge.com/9781032282862)

## Digital Healthcare and Artificial Intelligence

A Primer for Clinicians and Students



*Edited by* **Clare Rainey** , **Sonyia McFadden** , **Jonathan McConnell**

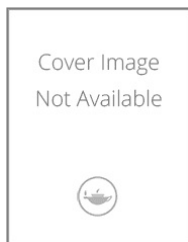
*Series:* *AI in Clinical Practice*

Digital technologies are essential to future-proof our health service. With an ageing population and the landscape of the post-pandemic world making increasing demands on an already stretched human workforce, maximizing the potential of a digital future is necessary. This book introduces the concepts and underpinning technology behind recent developments to give a snapshot of the state of the art in the field of digital health and provides information for clinicians of all levels of experience. The reader will gain insight into digital health in general with clinical, technical and industrial insights providing context to the theory.

CRC Press  
February 2026 : 182pp  
Pb: 978-1-032-70989-5 : **£64.99**  
Hb: 978-1-032-70992-5 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781032709895](http://www.routledge.com/9781032709895)

## Digital Immunoassays



**Hongwei Gai , Qingquan Zhang , Xiaojun Liu , Chenghua Zong**

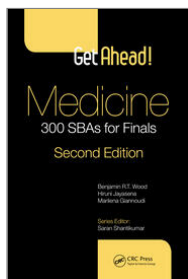
Drawing from extensive laboratory experience and international research, this groundbreaking book is the first to systematically explore digital immunoassays, covering everything from basic concepts to advanced applications. With its comprehensive approach, in-depth content, and broad scope, this book is ideal for researchers in the life sciences, medical professionals, and chemical metrologists. It also serves as an invaluable reference for educators, graduate students, and professionals involved in R&D or management within the in vitro diagnostic industry.

CRC Press  
February 2026 : 346pp  
Hb: 978-1-041-21362-8 : £190

\* For full contents and more information, visit: [www.routledge.com/9781041213628](http://www.routledge.com/9781041213628)

2ND EDITION

## Get ahead! Medicine: 300 SBAs for Finals



**Benjamin Wood , Hiruni Jayasena** Kotelawala Defence University, Colombo, Sri Lanka, **Marilena Giannoudi**

*Series: Get ahead!*

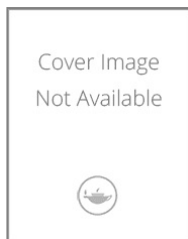
Get ahead! Medicine: 300 SBAs for Finals, fully revised and updated in this second edition, provides invaluable revision for all medical students preparing for finals exams through plentiful practice questions, similar to those you can expect in the real exam. Covering the entire syllabus in a clear and comprehensive style, this book provides reliable and effective revision practice to help you pass your final medical exams

CRC Press  
March 2026 : 276pp  
Pb: 978-1-041-09047-2 : £28.99  
Hb: 978-1-041-09049-6 : £130

\* For full contents and more information, visit: [www.routledge.com/9781041090472](http://www.routledge.com/9781041090472)

3RD EDITION

## Get Through MRCGP: Simulated Consultation Assessment



**Bruno Rushforth** GP and Clinical Research Fellow in Primary Care, University of Leeds, **Adam Firth** NIHR Academic Fellow in General Practice, University of Manchester, **Deepthi Lavu , Val Wass**

*Series: Get Through*

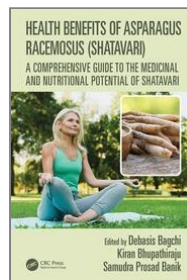
Completely revised and including new additional material, the third edition of this bestselling revision guide provides candidates with a definitive, one-stop resource for the simulated consultation assessment (SCA) element of the MRCGP examination. All content has been fully updated to include the latest knowledge base, including the task boxes that focus reader attention on the different challenges presented by each station and the popular feature 'One minute explanations for patients', whilst maintaining the book's tried and tested formula that was so successful in prior editions.

CRC Press  
April 2026 : 312pp  
Pb: 978-1-032-89858-2 : £39.99  
Hb: 978-1-032-89859-9 : £110

\* For full contents and more information, visit: [www.routledge.com/9781032898582](http://www.routledge.com/9781032898582)

## Health Benefits of Asparagus racemosus (Shatavari)

A Comprehensive Guide to the Medicinal and Nutritional Potential of Shatavari



*Edited by* **Debasis Bagchi , Kiran Bhupathiraju , Samudra Prosd Banik**

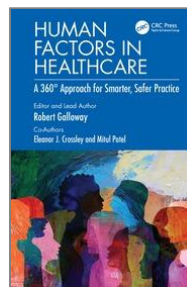
This vast edited collection details the ethnobotany, phytochemistry, pharmacognosy, and therapeutic benefits of *Asparagus racemosus* (Shatavari) used in India as a phytomedicine for the alleviation of symptoms found in various conditions and diseases in humans. It comprehensively details various therapeutic potential applications including antioxidant, antidiabetic, and anti-aging properties, women's health, gastrointestinal health, immune competency enhancement, neurological conditions, and depression. Designed for scientists in natural product research, complementary and alternative medicine, dietitians and nutritionists, food scientists, and other health professionals.

CRC Press  
January 2026 : 584pp  
Hb: 978-1-032-90476-4 : £165

\* For full contents and more information, visit: [www.routledge.com/9781032904764](http://www.routledge.com/9781032904764)

## Human Factors in Healthcare

A 360° Approach for Smarter, Safer Practice



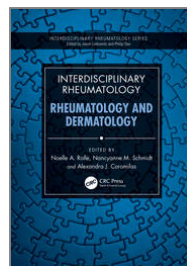
**Eleanor J. Crossley , Rob Galloway** Emergency Medicine Consultant & Sn Lecturer, Brighton & Sussex University Hospitals NHS Trust and Medical School, UK, **Mitul Patel**

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  
March 2026 : 244pp  
Pb: 978-1-138-49877-8 : £34.99  
Hb: 978-1-138-49878-5 : £99.99

\* For full contents and more information, visit: [www.routledge.com/9781138498778](http://www.routledge.com/9781138498778)

## Interdisciplinary Rheumatology: Rheumatology and Dermatology



*Edited by* **Noelle A. Rolle , Nancyanne M. Schmidt , Alexandra J. Coromilas**

*Series: Interdisciplinary Rheumatology*

Ask rheumatologists what is one of the things that they desire most and they'll often say: I wish I knew more about other areas so I could care for patients whose disease manifestations cross over into other specialties. This is especially true of patients whose rheumatologic conditions have dermatology manifestations or are closely linked to dermatologic disease. The intersection between them lends well to interdisciplinary care, and rheumatologists, dermatologists and primary care physicians have the opportunity to expand their knowledge through the expertise shared in this book.

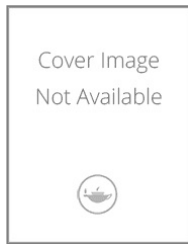
CRC Press  
November 2025 : 224pp  
Pb: 978-1-032-62323-8 : £52.99  
Hb: 978-1-032-62325-2 : £190  
eBook: 978-1-032-62615-4

\* For full contents and more information, visit: [www.routledge.com/9781032623238](http://www.routledge.com/9781032623238)

6TH EDITION

**Macintyre's Acute Pain Management**

A Practical Guide



**Pamela E Macintyre** Consultant Anaesthetist and Pain Medicine Physician, Royal Adelaide Hospital, Australia, **Jane Quinlan**, **Jennifer A Stevens**

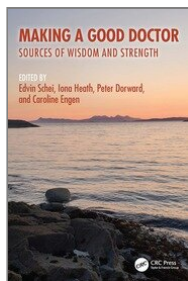
With updated information for all medications and techniques, the 6th edition of this established text firmly addresses the controversial issues in analgesic stewardship, as well as the pharmacology of opioids in the context of the opioid epidemic, identifying possible strategies to minimise the risks. Combining evidence-based information with practical guidelines and protocols, it offers vital knowledge on the management of acute pain, including in patients with spinal cord injuries and burns, as well as more complex issues such as treating older patient, those with addiction disorders, pregnant or lactating patients, and patients with obstructive sleep apnoea.

CRC Press  
April 2026 : 392pp  
Pb: 978-1-032-60920-1 : **£52.99**  
Hb: 978-1-032-62002-2 : **£140**

\* For full contents and more information, visit: [www.routledge.com/9781032609201](http://www.routledge.com/9781032609201)

**Making a Good Doctor**

Sources of Strength and Wisdom



*Edited by* **Edvin Schei** University of Bergen, IGS, Norway, **Iona Heath**, **Peter Dorward**, **Caroline Engen** University of Bergen, Norway

We can all find ourselves lost from time to time— whether we are near the beginning, the middle, or the ends of our professional lives. Doctors are no exception. 'Making a Good Doctor' addresses core questions which lie at the heart of what is to be a doctor. What is our work for? How do we learn to be good at it? How do we respond to suffering? How do we sustain that— survive, even flourish? How do we resist those innumerable forces that undermine our fundamental purpose? What is it, the 'right stuff', of medicine?

CRC Press  
December 2025 : 266pp  
Pb: 978-1-032-97333-3 : **£39.99**  
Hb: 978-1-032-97334-0 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781032973333](http://www.routledge.com/9781032973333)

**Mastering the Hidden Curriculum**

Unlocking Success in Medical Training



**Vance T. Lehman**

Medical students and residents are immersed in a busy world with unspoken expectations, invisible challenges, and other influences that comprise a hidden curriculum. This book provides a deeper understanding of this complex system, unique "insider" perspectives, and practical advice. To do this, it provides a platform built on applied sociology, history, organizational psychology, and science that reimagines how to manage medical training. This book seeks to level the playing field by demystifying the hidden curriculum, enabling medical trainees to achieve their full potential using well-defined effective strategies.

CRC Press  
January 2026 : 324pp  
Pb: 978-1-041-05988-2 : **£29.99**  
Hb: 978-1-041-05998-1 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041059882](http://www.routledge.com/9781041059882)

**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  
February 2026 : 164pp  
Hb: 978-1-032-55014-5 : **£120**

\* For full contents and more information, visit: [www.routledge.com/9781032550145](http://www.routledge.com/9781032550145)

**Traditional, Complementary, and Integrative Medicine for Neurocognition**

*Edited by* **Dilip Ghosh** Nutricconnect, Sydney, Australia, **Tanuja Manoj Nesari**, **Dennis Chang**, **Manoj Nesari**, **Rajagopala Shrikrishna**

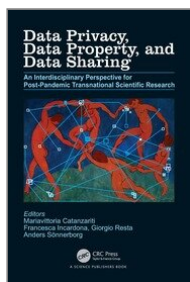
Despite the increased demand for traditional, complementary, and integrative medicine (TCIM) therapies by patients around the world, current guidelines, regulations, and research for TCIM therapies are lacking. Traditional, Complementary, and Integrative Medicine for Neurocognition in Brain Health provides a detailed analysis of clinical and preclinical evidence to support for cognitive diseases, giving the reader a comprehensive overview of the scientific evidence for the key TCIM modalities, and highlighting challenges and opportunities associated with TCIM for the prevention and management of cognitive disorders.

CRC Press  
November 2025 : 466pp  
Hb: 978-1-032-25854-6 : **£180**  
eBook: 978-1-003-28531-1

\* For full contents and more information, visit: [www.routledge.com/9781032258546](http://www.routledge.com/9781032258546)

## Data Privacy, Data Property, and Data Sharing

An Interdisciplinary Perspective for Post-pandemic Transnational Scientific Research



Edited by **Mariavittoria Catanzariti** European University Institute, Italy, **Francesca Incardona**, **Giorgio Resta** University of Roma Tre, Italy, **Anders Sönnnerborg**

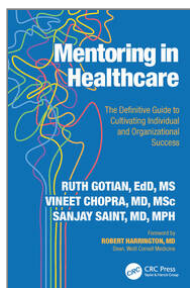
This book addresses the controversial issues surrounding data sharing, including data protection, ownership and reuse, and the related ethical considerations. With contributions from experts in various fields, including medicine and law, it encourages interdisciplinary dialogue on the use of health data in Europe and beyond.

CRC Press  
December 2025 : 310pp  
Hb: 978-1-032-72756-1 : £105  
eBook: 978-1-003-47592-7

\* For full contents and more information, visit: [www.routledge.com/9781032727561](http://www.routledge.com/9781032727561)

## Mentoring in Healthcare

The Definitive Guide to Cultivating Individual and Organizational Success



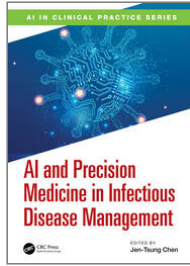
**Ruth Gotian**, **Vineet Chopra**, **Sanjay Saint**

Mentoring in Healthcare is a focused guide addressing the pressing need for effective mentorship amid challenges such as burnout, increasing extramural grant requirements, and professional workforce shortages. Targeted at a wide range of healthcare professionals from medical students to executives in related fields, this book illustrates the transformative journey from medical student to accomplished healthcare professional, helping to refine the mentorship experience for healthcare professionals and contributing to enhanced performance in the healthcare sector with practical, research-based advice for an area of critical importance to healthcare outcomes.

CRC Press  
January 2026 : 218pp  
Pb: 978-1-041-00693-0 : £26.99  
Hb: 978-1-041-00710-4 : £91.99

\* For full contents and more information, visit: [www.routledge.com/9781041006930](http://www.routledge.com/9781041006930)

## AI and Precision Medicine in Infectious Disease Management



Edited by **Jen-Tsung Chen**

Series: *AI in Clinical Practice*

This book presents technical advancements of artificial intelligence (AI)-based technologies and computational biology approaches, highlighting their applications in developing smart healthcare and precision medicine for managing infectious diseases. It discusses cutting-edge AI tools, particularly machine and deep learning models, and generative AI, to assist in disease prediction and prevention, disease surveillance and diagnosis, drug discovery, drug design and development, healthcare, personalized medicine, pharmacology, and vaccine development.

CRC Press

December 2025 : 224pp

Pb: 978-1-041-01620-5 : **£54.99**

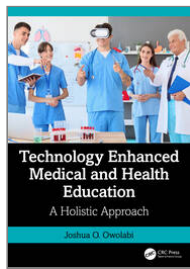
Hb: 978-1-041-01621-2 : **£99.99**

eBook: 978-1-003-61569-9

\* For full contents and more information, visit: [www.routledge.com/9781041016205](http://www.routledge.com/9781041016205)

## Technology Enhanced Medical and Health Education

A Holistic Approach



**Joshua Owolabi**

Technology has immense potential to advance medical and health education, medical practice, and to improve greatly the experiences of learners and service receivers. However, many medical and health educators currently do not have the requisite skills, exposure and capacity to use the advanced and relatively sophisticated technologies currently available to add value to student and trainee experiences. This new book provides a much-needed standard text on the effective use of technology for all educators involved in teaching medical students and other health professions globally.

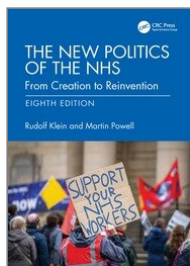
CRC Press  
November 2025 : 498pp  
Hb: 978-1-032-84684-2 : **£150**  
eBook: 978-1-003-53112-8

\* For full contents and more information, visit: [www.routledge.com/9781032846842](http://www.routledge.com/9781032846842)

8TH EDITION

## The New Politics of the NHS

From Creation to Reinvention



**Rudolf Klein , Martin Powell**

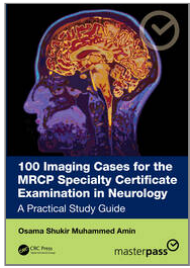
The New Politics of the NHS is firmly established as the key overview of the NHS—its processes, structures, and paths of influence—offering a clear, accessible guide to often complex and contested debates. It explores the background and evolution of the NHS since its foundation, while also examining its current state and likely future in an increasingly pluralistic and financially austere era. Topics include management, structure, centralisation, funding, economic performance, ongoing challenges, party-political debates, interest groups, and rationing, while emphasising the NHS's institutional and cultural continuity as a tax-funded, universal health service free at point of delivery.

CRC Press  
November 2025 : 334pp  
Pb: 978-1-032-79317-7 : **£44.99**  
Hb: 978-1-032-79318-4 : **£175**  
eBook: 978-1-003-49147-7

\* For full contents and more information, visit: [www.routledge.com/9781032793177](http://www.routledge.com/9781032793177)

## 100 Imaging Cases for the MRCP Specialty Certificate Examination in Neurology

A Practical Study Guide



**Dr Osama Shukir Muhammed Amin**

*Series: MasterPass*

100 Imaging Cases for the MRCP(UK) Neurology SCE is an essential revision guide for the image-based questions of the MRCP(UK) Neurology SCE; a specialty certificate examination conducted by the Federation of the Royal Colleges of Physicians of the United Kingdom. From cases that cover common presentations of rare diseases to features that challenge initial diagnoses, this book will benefit postgraduate neurology trainees taking the UK and Irish examinations, postgraduate internal medicine candidates, and for neurologists wishing to refresh their knowledge.

CRC Press

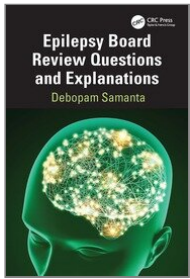
December 2025 : 294pp

Pb: 978-1-041-09151-6 : **£49.99**

Hb: 978-1-041-09683-2 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041091516](http://www.routledge.com/9781041091516)

## Epilepsy Board Review Questions and Explanations



**Debopam Samanta**

This comprehensive review guide is designed to help candidates prepare for the epilepsy board examination, with an extensive set of over 400 questions and accompanying detailed explanations for both correct answers and distractors to reinforce understanding and support exam success. Topics include fundamental mechanisms and pathogenesis of epilepsy, underlying etiologies, clinical features, epilepsy syndromes, and mimicking conditions, as well as commonly used diagnostic and management strategies, including antiseizure medications, dietary therapies, neuromodulation, and epilepsy surgery. EEG and MRI images appear throughout, with content aligned to the ABPN board certification.

CRC Press

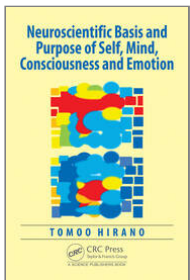
April 2026 : 240pp

Pb: 978-1-041-21010-8 : **£49.99**

Hb: 978-1-041-21666-7 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041210108](http://www.routledge.com/9781041210108)

## Neuroscientific Basis and Purpose of Self, Mind, Consciousness and Emotion



**Tomoo Hirano**

This book presents a unified view of subjective self, mind, consciousness, and emotions grounded in objective neuroscience and biology. It explores how and why nervous systems and subjective phenomena have developed during evolution, linking molecular and cellular neuroscientific mechanisms, neural circuits and higher brain functions, emotions, sleeps, dreams, psychiatric disorders, evolutionary and social aspects of animals, and AI, to the nature of mind and consciousness. The discussion suggests that one's self may not be unitary, offering fresh perspectives on human subjective experiences, and provides considerations and guidance for decision-making in the society.

CRC Press

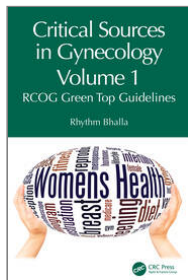
January 2026 : 218pp

Hb: 978-1-032-83649-2 : **£125**

\* For full contents and more information, visit: [www.routledge.com/9781032836492](http://www.routledge.com/9781032836492)

## Critical Sources in Gynecology, Volume 1

RCOG Green Top Guidelines



**Rhythm Bhalla**

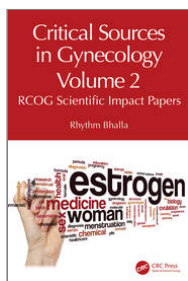
This innovative text analyses 50 Green Top Guidelines produced by the Royal College of Obstetricians and Gynaecologists and tests readers on their knowledge in detail of the contents via Single Best Answers. Any candidate for professional examination or certification/recertification will want to use this resource as a way to revise and strengthen their knowledge.

CRC Press  
December 2025 : 290pp  
Pb: 978-1-041-09113-4 : **£44.99**  
Hb: 978-1-041-09115-8 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041091134](http://www.routledge.com/9781041091134)

## Critical Sources in Gynecology, Volume 2

RCOG Scientific Impact Papers



**Rhythm Bhalla**

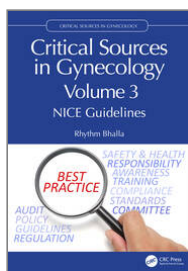
This innovative text analyses 45 Scientific Impact Papers produced by the Royal College of Obstetricians and Gynaecologists and tests readers on their knowledge in detail of the contents via Single Best Answers. Any candidate for professional examination or certification/recertification will want to use this resource as a way to revise and strengthen their knowledge.

CRC Press  
December 2025 : 272pp  
Pb: 978-1-041-09482-1 : **£44.99**  
Hb: 978-1-041-09484-5 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041094821](http://www.routledge.com/9781041094821)

## Critical Sources in Gynecology, Volume 3

NICE Guidelines



**Rhythm Bhalla**

Series: *Critical Sources in Gynecology*

This innovative text analyses 16 Guidelines produced by the National Institute for Health and Clinical Excellence and tests readers on their knowledge in detail of the contents via Single Best Answers. Any candidate for professional examination or certification/recertification will want to use this resource as a way to revise and strengthen their knowledge.

CRC Press  
May 2026 : 176pp  
Pb: 978-1-041-09569-9 : **£44.99**  
Hb: 978-1-041-09570-5 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041095699](http://www.routledge.com/9781041095699)

## Critical Sources in Gynecology, Volume 4

ASRM Practice Committee Opinions and Guidelines



**Rhythm Bhalla**

Series: *Critical Sources in Gynecology*

This innovative text analyses 45 Guidelines produced by the American Society for Reproductive Medicine and tests readers on their knowledge in detail of the contents via Single Best Answers. Any candidate for professional examination or certification/recertification will want to use this resource as a way to revise and strengthen their knowledge.

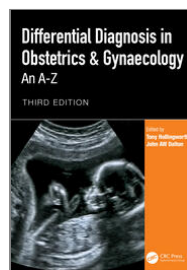
CRC Press  
April 2026 : 192pp  
Pb: 978-1-041-09571-2 : **£44.99**  
Hb: 978-1-041-09572-9 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041095712](http://www.routledge.com/9781041095712)

3RD EDITION

## Differential Diagnosis in Obstetrics & Gynaecology

An A-Z



Edited by **Tony Hollingworth** Consultant in Obstetrics and Gynaecology, Whipps Cross University Hospital, London, **John AW Dalton**

This revised and updated edition provides clinicians with invaluable assistance in the diagnostic process to differentiate quickly and correctly among various diseases and disorders presenting in the female patient. From minor to major symptoms, the differential diagnoses are explored and offered in a way that is easy to read and leads to practical management. Arranged alphabetically and based on presenting symptoms, the text provides readers with a step-by-step approach to provide associated differential diagnoses.

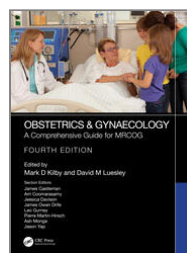
CRC Press  
November 2025 : 404pp  
Pb: 978-1-041-23977-2 : **£99.99**  
Hb: 978-1-041-23978-9 : **£160**  
eBook: 978-1-003-73946-3

\* For full contents and more information, visit: [www.routledge.com/9781041239772](http://www.routledge.com/9781041239772)

4TH EDITION

## Obstetrics & Gynaecology

A Comprehensive Guide for MRCOG



Edited by **Mark D. Kilby** University of Birmingham, UK, **David M. Luesley** Pan-Birmingham Gynaecological Cancer Centre, UK

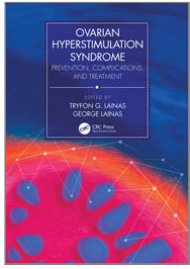
The new edition of this bestselling book provides all the information a specialist registrar in obstetrics and gynaecology or senior house officer needs during training or when preparing for the MRCOG examination. It covers the latest professional guidelines and developments in obstetrics and gynaecology; information on evidence-based medicine is also included to provide a rapid summary of the evidence relating to the interventions and treatments discussed.

CRC Press  
November 2025 : 792pp  
Hb: 978-1-032-11781-2 : **£160**  
eBook: 978-1-003-22159-3

\* For full contents and more information, visit: [www.routledge.com/9781032117812](http://www.routledge.com/9781032117812)

## Ovarian Hyperstimulation Syndrome

Prevention, Complications, and Treatment



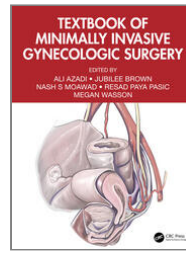
Edited by **Tryfon G Lainas**, **George Lainas**

This text, authored by eminent international experts, comprehensively explores OHSS, with a focus on prevention, complications, and treatment strategies, incorporating the latest scientific advances. Offers a state-of-the-art overview of all clinical aspects of OHSS. Provides focused OHSS guidance for gynecologists, reproductive specialists and healthcare professionals. Highlights the role of modern ovarian stimulation protocols in reducing OHSS.

CRC Press  
December 2025 : 216pp  
Hb: 978-0-367-55110-0 : £125  
eBook: 978-1-003-09201-8

\* For full contents and more information, visit: [www.routledge.com/9780367551100](http://www.routledge.com/9780367551100)

## Textbook of Minimally Invasive Gynecologic Surgery



Edited by **Ali Azadi**, **Jubilee Brown**, **Nash S Moawad**, **Resad Paya Pasic**, **Megan Wasson**

This comprehensive review of the field of Gynecology with emphasis on Minimally Invasive approaches, with contributions from more than 100 experts in the field, presents a great resource for fellows and residents seeking to master Complex Gynecology and Minimally Invasive Gynecologic skills.

CRC Press  
March 2026 : 488pp  
Pb: 978-1-032-31940-7 : £120  
Hb: 978-1-032-31939-1 : £300

\* For full contents and more information, visit: [www.routledge.com/9781032319407](http://www.routledge.com/9781032319407)

## Placental Pathology for the Obstetrician



Edited by **Ona M. Faye-Petersen** The University of Alabama, Birmingham, USA, **Amelia Sutton** University of Alabama at Birmingham, USA, **Debra S. Heller** Rutgers New Jersey Medical School, Newark, USA

Series: *Series in Maternal-Fetal Medicine*

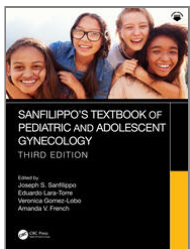
This much-needed text will fill an important gap for the practicing obstetrician in connecting what is seen on ultrasound before delivery with what is seen grossly at delivery, how this is interpreted and reported by the pathologist, and its clinical relevance for the obstetrician. With the increasing need for clinicians to understand pathological correlation, this will be an essential reference for both obstetricians in general practice and trainees; perinatal pathologists will also find this an invaluable guide to what their colleagues need to know.

CRC Press  
June 2026 : 240pp  
Hb: 978-1-498-78889-2 : £115

\* For full contents and more information, visit: [www.routledge.com/9781498788892](http://www.routledge.com/9781498788892)

3RD EDITION

## Sanfilippo's Textbook of Pediatric and Adolescent Gynecology



Edited by **Joseph S. Sanfilippo**, **Eduardo Lara-Torre**, **Veronica Gomez-Lobo**, **Amanda V. French**

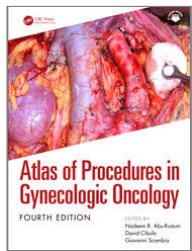
This textbook addresses all the common and less often encountered pediatric and adolescent gynecology (PAG) problems in daily practice, both in the ambulatory as well as in the surgical setting, and is closely aligned to what generalists in obstetrics & gynecology as well as other primary care providers will want to know when dealing with a pediatric or adolescent gynecology patient.

CRC Press  
February 2026 : 356pp  
Hb: 978-1-032-79637-6 : £150

\* For full contents and more information, visit: [www.routledge.com/9781032796376](http://www.routledge.com/9781032796376)

4TH EDITION

## Atlas of Procedures in Gynecologic Oncology



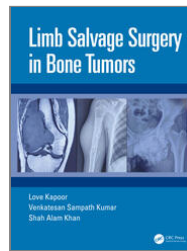
*Edited by* **Nadeem R. Abu-Rustum** Memorial Sloan-Kettering Cancer Center, New York, USA, **David Cibula**, **Giovanni Scambia**

A core text from renowned international experts, the new Fourth Edition of Atlas of Procedures in Gynecologic Oncology continues to present a practical clinical approach to the state of the art in both open and minimally invasive surgery. Supplemented with full-color photographs, practical explanations, and video clips, the book provides a detailed overview of the major gynecologic oncology procedures for a broad-based audience, including medical students, those beginning their surgical training, and senior practitioners.

CRC Press  
December 2025 : 522pp  
Hb: 978-1-032-61663-6 : £190

\* For full contents and more information, visit: [www.routledge.com/9781032616636](http://www.routledge.com/9781032616636)

## Limb Salvage Surgery in Bone Tumors



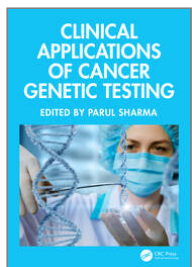
**Love Kapoor**, **Venkatesan Sampath Kumar**, **Shah Alam Khan**

This book brings together a wide spectrum of surgical techniques for tumor excision and limb reconstruction, with special emphasis on practical biological options often used in developing countries. A unique section on pelvic tumors explores reconstruction strategies beyond megaprotheses. Unlike most books on musculoskeletal neoplasms that focus primarily on tumor pathology and outcomes, this volume emphasizes reconstruction techniques and presents the wide range of available options. It bridges a critical gap in surgical oncology literature, making it a valuable reference that deserves a place on every oncologist's shelf.

CRC Press  
April 2026 : 232pp  
Hb: 978-0-367-42130-4 : £130

\* For full contents and more information, visit: [www.routledge.com/9780367421304](http://www.routledge.com/9780367421304)

## Clinical Applications of Cancer Genetic Testing



*Edited by* **Parul Sharma**

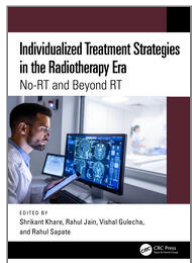
This text provides a clear and concise guide to the evolving role of genetic testing in oncology. Bridging research and clinical practice, it offers essential insights into genetic diagnostics, risk assessment, and personalized treatment. Designed for healthcare professionals, researchers, and students, this book simplifies complex concepts, making cutting-edge advancements in cancer genetics more accessible and applicable to patient care.

CRC Press  
November 2025 : 244pp  
Pb: 978-1-032-89303-7 : £49.99  
Hb: 978-1-032-89312-9 : £130  
eBook: 978-1-003-54216-2

\* For full contents and more information, visit: [www.routledge.com/9781032893037](http://www.routledge.com/9781032893037)

## Individualized Treatment Strategies in the Radiotherapy Era

No-RT and Beyond RT



*Edited by* **Shrikant Khare**, **Rahul Jain**, **Vishal Gulecha**, **Rahul Sapate**

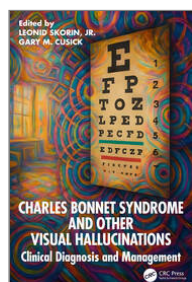
Radiation therapy has over the years had both remarkable successes in saving lives and a number of silent struggles for the patient. This text is not about turning away from radiation therapy; it's about using it thoughtfully and recognizing that not every patient needs the same path. In an era where oncology is moving rapidly toward personalization, radiation therapy should have evidence-driven use.

CRC Press  
January 2026 : 174pp  
Pb: 978-1-032-86764-9 : £100  
Hb: 978-1-032-86765-6 : £250

\* For full contents and more information, visit: [www.routledge.com/9781032867649](http://www.routledge.com/9781032867649)

## Charles Bonnet Syndrome and Other Visual Hallucinations

Clinical Diagnosis and Management



Edited by **Leonid Skorin**, **Gary M. Cusick**

This book examines Charles Bonnet Syndrome and other visual hallucinations beyond the basic neuroscience concepts by providing the reader with a prevailing clinically applicable overview. It is a practical guide for those clinicians who are assessing patients who present with visual hallucinations and require additional evaluation to make a diagnosis. It helps the clinician to formulate a clear management approach.

CRC Press  
March 2026 : 192pp  
Pb: 978-1-041-05986-8 : **£49.99**  
Hb: 978-1-041-05996-7 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781041059868](http://www.routledge.com/9781041059868)

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 : 208pp  
Pb: 978-1-041-05896-0 : **£74.99**  
Hb: 978-1-041-05900-4 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781041058960](http://www.routledge.com/9781041058960)

## Investigation & Management of Eye Disease in Primary Care

Infection, Inflammation and Immune Response



Edited by **David V. Seal** London, UK, **Uwe Pleyer**, **Michelle L. Hennelly**, **John Lawrenson**, **Bhavina Patel**

This book provides practical guidance to primary care eye professionals. It is fully illustrated with online links for making an initial diagnosis with advice on management and therapy. It covers the common sight-threatening conditions including glaucoma, AMD, diabetes, cataract, inflammatory and immune-based diseases, conjunctival and corneal infections.

CRC Press  
December 2025 : 208pp  
Pb: 978-1-032-99936-4 : **£54.99**  
Hb: 978-1-032-99937-1 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781032999364](http://www.routledge.com/9781032999364)

## Practical Medical Retina

Navigating the Net



Edited by **Christiana Dinah** Central Middlesex Hospital, London, UK, **Gwyn Samuel Williams** Singleton Hospital, Eye Department, Sketty Lane, Sketty, Swansea, SA2 8QA, Wales, UK

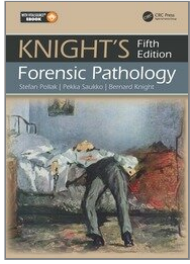
Practical Medical Retina will be the third instalment in the 'practical' range to complement Practical Uveitis and Practical Emergency Ophthalmology books. Medical Retina is one of the largest and most important sub-specialties of ophthalmology. Many new and exciting treatments are happening at breakneck speed, making it difficult for ophthalmologists to keep up with developments and understand the best way to treat patients. This book, as with the other two, will provide an easy-to-understand breakdown of developments, a description of current and future therapies, and an accessible assessment of evidence, of which there is currently a bewildering amount.

CRC Press  
March 2026 : 200pp  
Pb: 978-1-041-04420-8 : **£59.99**  
Hb: 978-1-041-04422-2 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781041044208](http://www.routledge.com/9781041044208)

5TH EDITION

## Knight's Forensic Pathology



**Stefan Pollak, Professor Pekka Saukko, Bernard Knight** University of Wales College of Medicine, Cardiff, UK

Knight's Forensic Pathology is a standard reference book worldwide. The 5th edition is comprehensively revised and includes an ebook code. The unambiguous style, practical orientation, and an approach based strictly on scientific evidence together with the experience of the authors all contribute to this success. A cautious and self-critical interpretation of autopsy findings is required for a correct diagnosis, and these findings are the cornerstone for investigating unexplained fatalities. Where possible, macroscopic evaluation should be complemented by visiting the scene of death, pre-autoptic imaging, biochemical and toxicological analyses as well as histological examinations.

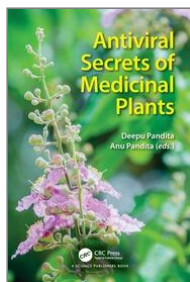
CRC Press

December 2025 : 682pp

Hb: 978-1-041-13001-7 : £195

\* For full contents and more information, visit: [www.routledge.com/9781041130017](http://www.routledge.com/9781041130017)

## Antiviral Secrets of Medicinal Plants



Edited by **Deepu Pandita , Anu Pandita**

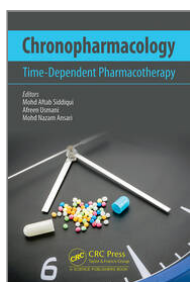
The book reviews medicinal plants that produce compounds to boost and rejuvenate the immune system in humans to fight against viruses without causing any side effects. It contains detailed description of 23 medicinal plants with antiviral properties. The book will be useful to botanists, biotechnologists, healthcare professionals and lay persons interested in enhancing their knowledge on the natural plant-based sources of antiviral compounds.

CRC Press  
November 2025 : 452pp  
Hb: 978-1-032-56052-6 : £105  
eBook: 978-1-003-43358-3

\* For full contents and more information, visit: [www.routledge.com/9781032560526](http://www.routledge.com/9781032560526)

## Chronopharmacology

Time-Dependent Pharmacotherapy



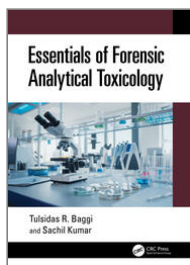
Edited by **Mohd Aftab Siddiqui , Afreen Usmani , Mohd Nazam Ansari**

Covering the role of circadian rhythms in pharmacokinetics and pharmacodynamics, this book provides practical tools for clinicians and researchers to optimize treatments in cardiovascular disease, oncology, and sleep disorders. A comprehensive guide on the science of timed drug administration to maximize therapeutic benefits.

CRC Press  
November 2025 : 206pp  
Hb: 978-1-041-06719-1 : £105  
eBook: 978-1-003-63774-5

\* For full contents and more information, visit: [www.routledge.com/9781041067191](http://www.routledge.com/9781041067191)

## Essentials of Forensic Analytical Toxicology



**Tulsidas R. Baggi , Sachil Kumar**

Essentials of Forensic Analytical Toxicology is a comprehensive and authoritative resource designed to meet the pressing needs of forensic science and forensic medicine professionals. This book bridges the gap between theory and practical application in toxicological analysis, offering an in-depth exploration of the latest developments in analytical methods and instrumentation technology. Combining scientific precision with real-world application, the book serves as an essential resource for students, researchers, and professionals seeking a deep and practical understanding of forensic toxicological practices.

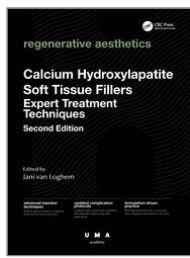
CRC Press  
February 2026 : 438pp  
Hb: 978-1-032-79131-9 : £170

\* For full contents and more information, visit: [www.routledge.com/9781032791319](http://www.routledge.com/9781032791319)

2ND EDITION

## Calcium Hydroxylapatite Soft Tissue Fillers

Expert Treatment Techniques



Edited by **Jani van Loghem**

Series: *UMA Academy Series in Aesthetic Medicine*

This comprehensive reference provides a focused yet in-depth overview of calcium hydroxylapatite (CaHA) use in aesthetic and regenerative medicine. It explores the evolution of Radiesse® and other formulations, core rheological principles, and clinical protocols for both on- and off-label facial and body indications. With an emphasis on anatomy, injection techniques, and complication management, the book includes advanced applications ranging from ligament lifting to skin quality improvement protocols and rejuvenation techniques.

CRC Press  
December 2025 : 238pp  
Hb: 978-1-041-01961-9 : **£150**  
eBook: 978-1-003-61712-9

\* For full contents and more information, visit: [www.routledge.com/9781041019619](http://www.routledge.com/9781041019619)

## Mastering the Art of Facial Soft Tissue Fillers with Artificial Intelligence

The scientific way to avoid a leap in the dark with hyaluronic acid and AI predictions



Luigi Cursio, Ciro Cursio, Giulia Cursio

Series: *AI in Clinical Practice*

This exciting new text looks at what an AI program can do for an aesthetic practice by way of analysing a patient's face and predicting what the results of injection treatments will be; it also looks at other innovations that could improve aesthetic practice with facial soft tissue filler implants, such as injection technique. No practitioner of minimally invasive cosmetic treatments will want to be without access to this glimpse into what the future can hold.

CRC Press  
April 2026 : 160pp  
Hb: 978-1-041-00100-3 : **£150**

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## Non-Surgical Hair Restoration

A Comprehensive Guide for Doctors



Robert Dorfman

Hair loss is one of the most common conditions encountered in both clinical and aesthetic medicine, and its impact often extends well beyond the physical appearance of patients. While surgical restoration has traditionally garnered the most attention, the field of nonsurgical hair restoration has expanded significantly—driven by advances in molecular biology, the development of new therapeutic modalities, and increasing demand for lower-risk, patient-tailored treatments. This book was written to provide a comprehensive, evidence-based overview of nonsurgical approaches to hair restoration.

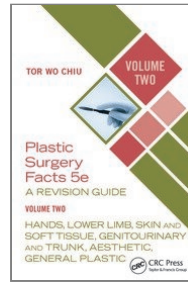
CRC Press  
November 2025 : 188pp  
Hb: 978-1-032-70528-6 : **£94.99**  
eBook: 978-1-032-72639-7

\* For full contents and more information, visit: [www.routledge.com/9781032705286](http://www.routledge.com/9781032705286)

5TH EDITION

## Plastic Surgery Facts: A Revision Guide Volume Two

Hands, Lower Limb, Skin and Soft Tissue, Genitourinary and Trunk, Aesthetic, General Plastic



Tor Wo Chiu

Now in its 5th edition, Plastic Surgery Facts has been extended into two volumes and continues to provide comprehensive coverage of plastic surgery in a format that is easy for the trainee to assimilate. At its heart, this book is still a set of 'notes', but has now been revised to make it more readable and to more effectively deliver important concepts. The emphasis remains on brevity, making this an indispensable revision guide for Residents specialising in plastic surgery, particularly those sitting the FRCS (PLAST) and equivalent postgraduate exams. It is also a valuable quick reference for the busy practicing surgeon on the wards or in the consulting room.

CRC Press  
February 2026 : 380pp  
Pb: 978-1-041-21613-1 : **£69.99**  
Hb: 978-1-041-21612-4 : **£69.99**

\* For full contents and more information, visit: [www.routledge.com/9781041216131](http://www.routledge.com/9781041216131)

## 9 Essentials for Quality Health Outcomes in Older and High-Risk Patients

An Interprofessional Handbook



**Robert S. Vaidya**

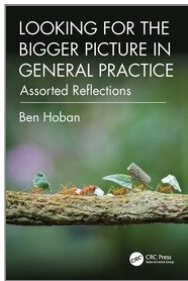
Healthcare systems today are facing an impending crisis due to increasing numbers of aging and high-risk patients, rising costs, and the challenge of achieving meaningful, lasting patient outcomes. This book provides a fresh perspective on managing complex patients through an interprofessional team-based approach. Unlike traditional books that focus on data-driven tools and clinical algorithms, this book emphasizes the human elements of healthcare, guiding professionals to shift their thinking, improve teamwork, and enhance patient outcomes.

CRC Press  
November 2025 : 182pp  
Pb: 978-1-041-10450-6 : **£30.99**  
Hb: 978-1-041-10451-3 : **£99.99**  
eBook: 978-1-003-65508-4

\* For full contents and more information, visit: [www.routledge.com/9781041104506](http://www.routledge.com/9781041104506)

## Looking for the Bigger Picture in General Practice

Assorted Reflections



**Ben Hoban**

This thought-provoking book exposes and challenges the hidden assumptions of modern medicine, encouraging readers to reconsider how they think about health and healthcare systems. Through vivid analogies and stand-alone articles, it helps clinicians understand how to better look after patients, themselves, and each other. The book is intended as a tonic for clinically active GPs in training and beyond who deal with the consequences of small picture thinking on a daily basis. It will also be of interest to GP trainers, course organisers and those involved in curriculum development, and other primary care health professionals and administrators.

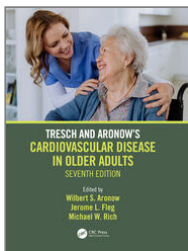
CRC Press  
November 2025 : 192pp  
Pb: 978-1-041-09839-3 : **£26.99**  
Hb: 978-1-041-09844-7 : **£99.99**  
eBook: 978-1-003-65204-5

\* For full contents and more information, visit: [www.routledge.com/9781041098393](http://www.routledge.com/9781041098393)

7TH EDITION

## Tresch and Aronow's Cardiovascular Disease in Older Adults

Seventh Edition



*Edited by* **Wilbert S. Aronow** Westchester Medical Center and New York Medical College, New York, USA, **Jerome L. Fleg** National Heart, Lung, and Blood Institute, Bethesda, USA, **Michael W. Rich** Washington University School of Medicine, St Louis, USA

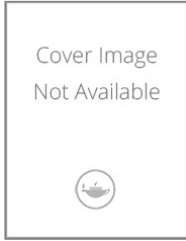
The 7th Edition of Tresch and Aronow's Cardiovascular Disease in Older Adults thoroughly updates the material in the 6th edition by renowned experts in geriatric cardiology. New features include a short list of Key Points at the start of each chapter to help guide the reader, a new chapter on Cardio-oncology in Older Adults, a topic of increasing importance, and new sections on geroscience, lifestyle factors in cardiovascular disease prevention, and cardiac amyloidosis added to existing chapters. These new features will enhance the value and relevance of this book as the definitive text in this growing field.

CRC Press  
March 2026 : 560pp  
Hb: 978-1-032-94095-3 : **£140**

\* For full contents and more information, visit: [www.routledge.com/9781032940953](http://www.routledge.com/9781032940953)

8TH EDITION

## An Introduction to Radiation Protection



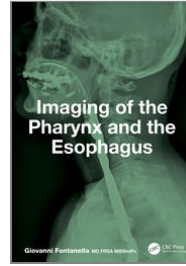
**Alan Martin , Sam Harbison** Health & Safety Consultant, Kent, UK, **Karen Beach , Peter Cole**

The eighth edition of this book continues to cover the technical principles underlying the control of radiation hazards, radiation detection and measurement and the biological effects of radiation, followed by a consideration of industry-specific radiation protection issues. Specialised topics include risk assessment, waste management and radiological emergencies. A highly-readable account of the nature of the hazards presented by ionizing radiations and the methods of protection against such hazards, the book is an ideal introductory text for those new to the field, and for the non-specialist, and a useful ready reference for more experienced radiation protection professionals.

CRC Press  
April 2026 : 268pp  
Pb: 978-1-041-09586-6 : **£44.99**  
Hb: 978-1-041-09853-9 : **£130**

\* For full contents and more information, visit: [www.routledge.com/9781041095866](http://www.routledge.com/9781041095866)

## Imaging of the Pharynx and the Esophagus



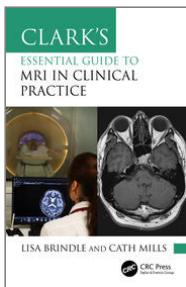
**Giovanni Fontanella**

Often neglected or wrongfully discarded as obsolete, barium swallows still are a staple of the daily routine of Radiology departments worldwide, an important tool to support the clinical and endoscopic diagnosis of the upper GI tract. As for other imaging methods, even barium radiography and fluoroscopy have undergone radical technological changes and upgrades.

CRC Press  
January 2026 : 222pp  
Pb: 978-1-032-79178-4 : **£59.99**  
Hb: 978-1-032-83166-4 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781032791784](http://www.routledge.com/9781032791784)

## Clark's Essential Guide to MRI in Clinical Practice



**Lisa Brindle , Cath Mills**

Series: *Clark's Companion Essential Guides*

This easy-to-understand guide in the highly respected Clark's stable of diagnostic imaging texts is an essential handbook for daily practice in magnetic resonance imaging, providing clear and practical advice to help both experienced practitioners and those new to the modality at both undergraduate and postgraduate levels. The book provides guidance on general procedures in MRI, summarising current relevant literature and professional body guidelines. Clark's Essential Guide to MRI takes the systematic approach of the Clark's family, introducing readers to techniques from first principles and covering MRI by body region with selected images demonstrating positioning techniques.

CRC Press  
May 2026 : 304pp  
Pb: 978-1-032-13629-5 : **£29.99**  
Hb: 978-1-032-13633-2 : **£99.99**

\* For full contents and more information, visit: [www.routledge.com/9781032136295](http://www.routledge.com/9781032136295)

5TH EDITION

## Human Sectional Anatomy

Atlas of annotated body sections, CT and MRI images



**Bari M Logan , Harold Ellis** Professor, Applied Clinical Anatomy Group, Applied Biomedical Research, Guy's Hospital London, UK, **Adrian K Dixon** Professor Emeritus, Dept of Radiology, University of Cambridge; Honorary Consultant Radiologist, Addenbrooke's Hospital, **David J Bowden** Abdominal Imaging Fellow, Department of Medical Imaging Sunnybrook Health Sciences Centre, Toronto, Canada and Formerly Teaching Bye-Fellow Christ's College University of Cambridge, UK

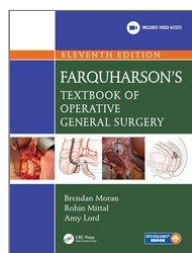
First published in 1991, Human Sectional Anatomy set new standards for the quality of cadaver sections and accompanying radiological images. Now in its fifth edition, this unsurpassed quality remains and is further enhanced by additional new material. The superb full-colour cadaver sections are compared with CT and MRI images, with accompanying, labelled, line diagrams. Human Sectional Anatomy continues to be an invaluable resource for all radiologists, radiographers, surgeons and medics, in training and in practice, and an essential component of departmental and general medical library collections.

CRC Press  
February 2026 : 340pp  
Hb: 978-1-041-14274-4 : **£190**

\* For full contents and more information, visit: [www.routledge.com/9781041142744](http://www.routledge.com/9781041142744)

11TH EDITION

## Farquharson's Textbook of Operative General Surgery



Edited by **Brendan Moran** FRCSI, Consultant Surgeon, Hampshire Hospitals Foundation Trust, Basingstoke, UK, **Rohin Mittal**, **Amy Lord**

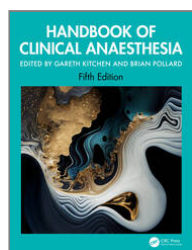
The 11th edition of Farquharson's continues to provide both the fundamental surgical skills needed by trainee surgeons and the general surgical subspecialty knowledge necessary for higher surgical training. Junior surgeons often need an overview of the whole patient, and even experienced surgeons occasionally need to operate outside their area of expertise, so each chapter's specialist authors have focused their topic on principles for the general surgeon, bridging the gap between general and specialty surgery. This classic, concise textbook will benefit all General Surgeons, whether already well-established, or just embarking on their career in surgery.

CRC Press  
November 2025 : 670pp  
Pb: 978-1-032-37571-7 : **£79.99**  
Hb: 978-1-032-37622-6 : **£200**  
eBook: 978-1-003-34171-0

\* For full contents and more information, visit: [www.routledge.com/9781032375717](http://www.routledge.com/9781032375717)

5TH EDITION

## Handbook of Clinical Anaesthesia



Edited by **Gareth Kitchen** University of Manchester, UK, **Brian Pollard** The University of Manchester, UK

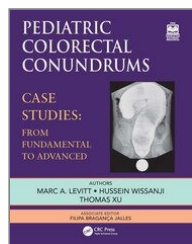
The Handbook of Clinical Anaesthesia provides the vital practical knowledge anaesthetists require across co-existing medical conditions, operative procedures, and techniques. This 5th edition retains the concise yet comprehensive approach to deliver everything needed for the FRCA syllabus in easily digestible, practical entries. This handbook remains an invaluable resource for all anaesthetists, from residents to seasoned consultants and specialists. Designed for quick access and reliable insights, it skips prolonged discussions and multiple references, making it the perfect resource to "dip into" for immediate advice or broader learning.

CRC Press  
February 2026 : 432pp  
Pb: 978-1-032-58738-7 : **£110**  
Hb: 978-1-032-58739-4 : **£190**

\* For full contents and more information, visit: [www.routledge.com/9781032587387](http://www.routledge.com/9781032587387)

## Pediatric Colorectal Conundrums

Case Studies: From Fundamental to Advanced



**Marc Levitt** Nationwide children's hospital - center for colorectal and pelvic reconstruction, Columbus, Ohio, USA, **Thomas Xu**, **Hussein Wissanji**

Series: *Pediatric Colorectal Surgery*

The case-based approach of this innovative and engaging text on pediatric colorectal surgery reflects the experience of the team at the Children's National Hospital, Washington, DC and contributions from pediatric surgeons around the world. Patients with anorectal malformations, Hirschsprung disease, fecal incontinence from a variety of conditions, colonic motility disorders, amongst other conditions require pediatric colorectal and pelvic reconstruction. Such patients require care from specialisms, including colorectal surgery, urology, gynecology, and GI motility.

CRC Press  
December 2025 : 190pp  
Pb: 978-1-032-78036-8 : **£54.99**  
Hb: 978-1-032-78439-7 : **£215**  
eBook: 978-1-003-48787-6

\* For full contents and more information, visit: [www.routledge.com/9781032780368](http://www.routledge.com/9781032780368)

9TH EDITION

## Scott-Brown's Otorhinolaryngology and Head and Neck Surgery

Volume 1: Otology, Lateral Skull Base Surgery, Rhinology, Anterior Skull Base Surgery, Facial Plastic Surgery



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  
May 2026 : 1390pp  
Hb: 978-1-041-13482-4 : **£495**

\* For full contents and more information, visit: [www.routledge.com/9781041134824](http://www.routledge.com/9781041134824)

9TH EDITION

## Scott-Brown's Otorhinolaryngology and Head and Neck Surgery

2 volume set



Edited by **Adam Donne**, **Iain Nixon**

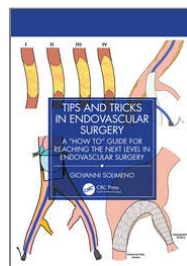
Whether you're a resident, fellow, or experienced practitioner, this essential resource provides the depth and breadth of knowledge required for excellence in contemporary ENT practice. Available in both print and digital formats, it combines nearly a century of otolaryngology excellence with contemporary 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  
May 2026 : 2800pp  
Hb: 978-1-032-53507-4 : **£495**

\* For full contents and more information, visit: [www.routledge.com/9781032535074](http://www.routledge.com/9781032535074)

## Tips and Tricks in Endovascular Surgery

A "How to" Guide for reaching the next Level in Endovascular Surgery



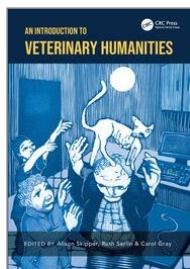
**Giovanni Solimeno**

Illustrated with detailed diagrams and step-by-step procedures, this is a key resource for mastering the art and science of endovascular surgery. From basic interventions to the most challenging cases, readers are guided through the minutiae of techniques that are often learned through trial and error. Illustrated with detailed diagrams and step-by-step procedures, this valuable resource helps clinicians master the art and science of endovascular surgery. Endovascular surgeons, interventional radiologists, and interventional cardiologists are able to stay abreast of the latest techniques and understand how to apply them effectively in clinical practice.

CRC Press  
November 2025 : 230pp  
Pb: 978-1-032-93671-0 : **£64.99**  
Hb: 978-1-032-93672-7 : **£130**  
eBook: 978-1-003-56708-0

\* For full contents and more information, visit: [www.routledge.com/9781032936710](http://www.routledge.com/9781032936710)

## An Introduction to Veterinary Humanities



Edited by **Alison Skipper**, **Ruth Serlin**, **Carol Gray**  
Hartpury Univ.

This book offers new ways to think about these issues through the emerging interdisciplinary field of veterinary humanities. It breaks new ground in bringing together insights from multiple academic perspectives – history, art, ethics, social sciences and many more – to think about veterinary topics in a new way through contributions from over forty authors. Addressing topics from across the veterinary sector, their writing ranges from deeply personal reflections to academic essays. This anthology will be particularly relevant to those training or working in the veterinary sector, whatever the role or level of experience.

CRC Press  
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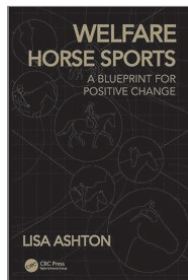
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