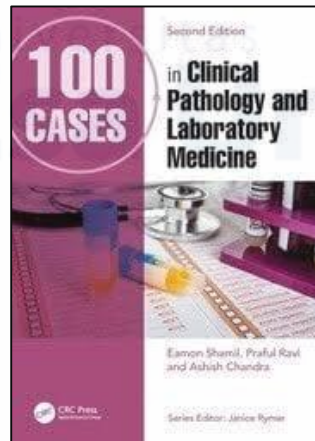


PERIODE TAHUN 2023



**Perpustakaan
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**One Hundred Cases in Clinical
Pathology and Laboratory Medicine,
2nd ed**

**Author : Eamon Shamil; Praful Ravi dan
Ashish Chandra**

No. Class : 616.07 SHA o

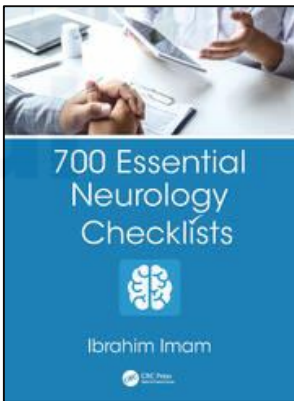
**Link Pustaka :
<https://doi.org/10.4324/9781003327479>**

Description:

A 77 year old man phones 999 after experiencing severe backache. The paramedics arrive to find him in severe pain, and cold and clammy. While at his house, they note that he smokes and also elicit a history of hypertension. He is tachycardic and hypotensive en route to hospital, and intravenous fluids are started. You have been assigned his initial assessment.

100 Cases in Clinical Pathology and Laboratory Medicine presents 100 clinical scenarios commonly seen by medical students and junior doctors in the emergency department, outpatient clinic, operating theatre or in general practice. A succinct summary of the patient's history, examination and initial investigations is followed by questions on each case, with particular emphasis on the interpretation of the results and in which an understanding of the underlying clinical pathology is central to arriving at the correct diagnosis. The answer includes a detailed discussion on each topic, providing an essential revision aid as well as a practical guide for students and junior doctors, especially those preparing for undergraduate and postgraduate examinations.

Making speedy and appropriate clinical decisions, and choosing the best course of action to take as a result, is one of the most important and challenging parts of training to become a doctor. Fully revised and updated for this second edition, these true to life cases will teach students and junior doctors to recognize important clinical conditions, to request the appropriate pathological investigation and correctly interpret those results, and, as a result, to develop their diagnostic and management skills.



[Seven Hundred Essential Neurology Checklists, 1st ed](#)

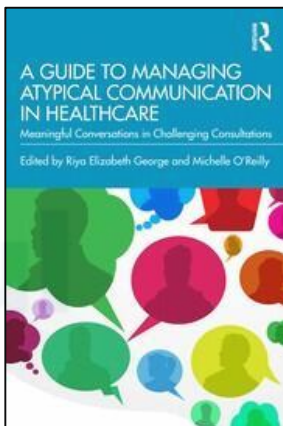
Author : Ibrahim Imam
No. Class : 616.8 IMA s
Link Pustaka : <https://doi.org/10.1201/9781003221258>

Description:

700 Essential Neurology Checklists is a collection of essential checklists which provide handy, practical, comprehensive, and evidence-based information on every aspect of neurology.

The checklists cover all aspects of neurology and its allied specialties, and they were developed to minimise error and boost clinical safety in the care of neurological patients. The lists included in the book apply to all aspects of neurology, a specialty noted for its size, diversity, and complexity, and they place emphasis on all aspects of neurological practice, from history and clinical examination to investigations and treatment. They also contain details of aetiology, epidemiology, genetics, and pathology. The information is primarily sourced from widely regarded neurology journals such as Neurology, Brain, the JNNP, Practical Neurology, and Journal of Neurology, and the emphasis is on evidence-based guidelines, review articles, ground-breaking studies, and relevant case reports.

The checklists in the book will be of benefit not only to neurologists and neurology trainees, but to all medical professionals including psychiatrists, neurosurgeons, paediatricians, general physicians, obstetricians, ophthalmologists, and specialist nurses. Purchasers of the book will also be eligible for a 12-month complimentary access to more than 3,500 online neurology checklists at www.neurochecklists.com



[Guide to Managing Atypical Communication in Healthcare: Meaningful Conversations in Challenging Consultations, 1st ed](#)

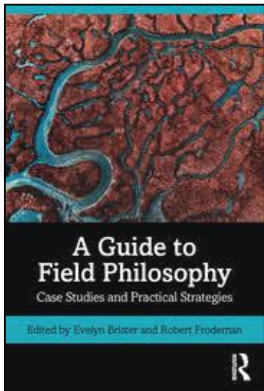
Author : Riya Elizabeth George; Michelle O'Reilly
No. Class : 616.85 GEO g
Link Pustaka : <https://doi.org/10.4324/9781003142522>

Description:

This book presents a supportive and practical guide for healthcare professionals and trainees in a way that considers a wide spectrum of atypical communication conditions, their impact on everyday healthcare interactions, and the social and cultural contexts in which interactions with atypical communicators take place.

A growing number of patients have been reporting atypical capacity for communication, creating unique challenges for healthcare professionals and patients in forming meaningful clinical interactions. In this book, leading international scholars from a range of healthcare professions provide insight into optimal management for those with atypical communication conditions. This includes speech, language, and hearing impairments. Chapters provide optimal management strategies, case examples, clinical recommendations, and recommended resources relevant for a range of healthcare professionals. The first collection of its kind, this book supports inter-professional practices and serves as a useful guide for those with an interest in clinical communication, and communication and diversity.

This book will be a valuable resource for health and mental healthcare professionals as well as undergraduate and postgraduate students in healthcare and allied healthcare courses. It can be included as recommended reading material in clinical communication curricula.

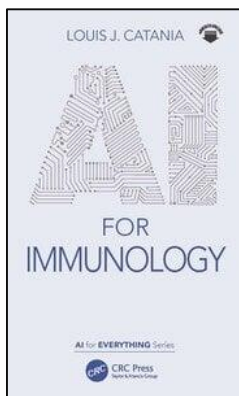


[A Guide to Field Philosophy: Case Studies And Practical Strategies, 1st ed](#)

Author : Evelyn Brister dan Robert Frodeman
No. Class : 107 BRI g
Link Pustaka : <https://doi.org/10.4324/9781351169080>

Description:

Philosophers increasingly engage in practical work with other disciplines and the world at large. This volume draws together the lessons learned from this work including philosophers contributions to scientific research projects, consultations on matters of policy, and expertise provided to government agencies and non-profits on how to effectively practice philosophy. Its 22 case studies are organized into five section



[AI for Immunology](#)

Author : Louis J. Catania
No. Class : 616.079 028 5 CAT a
Link Pustaka : <https://doi.org/10.1201/9781003137931>

Description:

The bioscience of immunology has given us a better understanding of human health and disease. Artificial intelligence AI has elevated that understanding and its applications in immunology to new levels. Together, AI for immunology is an advancing horizon in health care, disease diagnosis, and prevention. From the simple cold to the most advanced autoimmune disorders and now pandemics, AI for immunology is unlocking the causes and cures.

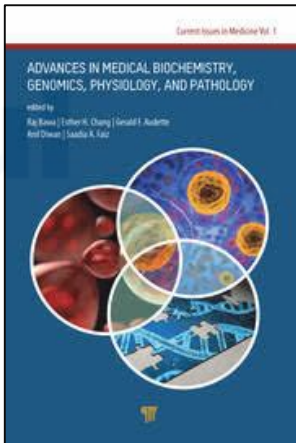


[Bioethics, Healthcare and the Soul, 1st Ed](#)

Author : Karl Pang; Nadir Osman; James Catto; Christopher Chapple
No. Class : 616.6 PAN b
Link Pustaka : <https://doi.org/10.4324/9781003205654>

Description:

This thought-provoking book explores the connections between health, ethics, and soul. It analyzes how and why the soul has been lost from scientific discourses, healthcare practices, and ethical discussions, presenting suggestions for change.

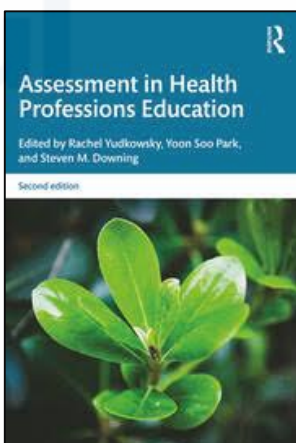


[Advances in Medical Biochemistry, Genomics, Physiology, and Pathology, 1st ed](#)

Author : Raj Bawa; Esther H. Chang; Saadia A. Faiz; Anil Diwan dan Gerald F. Audette
No. Class : 571.94 BAW a
Link Pustaka : <https://doi.org/10.1201/9781003180449>

Description:

The pace and sophistication of advances in medicine in the past two decades have necessitated a growing need for a comprehensive reference that highlights current issues in medicine. Each volume in the Current Issues in Medicine series is a stand alone text that provides a broad survey of various critical topics all accomplished in a user-friendly yet interconnected format. The series not only highlights current advances but also explores related topics such as translational medicine, regulatory science, neglected diseases, global pandemics, patent law, immunotoxicology, theranostics, big data, artificial intelligence, novel imaging tools, combination drug products, and novel therapies. While bridging the gap between basic research and clinical medicine, this series provides a thorough understanding of medicines potential to address health problems from both the patients and the providers perspectives in a healthcare setting. The range of topics covered and the expertise of the contributing authors accurately reflect the rapidly evolving areas within medicine from basic medical sciences to clinical specialties. Each volume is essential reading for physicians, medical students, nurses, fellows, residents, undergraduate and graduate students, educators, policymakers, and biomedical researchers. The multidisciplinary approach of the series makes it a valuable reference resource for the pharmaceutical industry, academia, and governments. However, unlike other series on medicine or medical textbooks, this series focuses on current trends, perspectives, and issues in medicine that are central to healthcare delivery in the 21st century. Volume 1 focuses on the current issues in basic medical sciences, subjects that are fundamental to the practice of medicine. Specifically, it covers medical biochemistry, genomics, physiology, and pathology. These subjects, traditionally taught in the first two years of medical school that precede clinical instruction, provide a core of basic knowledge critical to the success in clinical medicine during rotations, training, and medical practice.



[Assessment in Health Professions Education, 2nd ed](#)

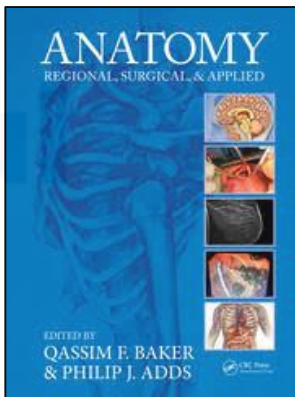
Author : Rachel Yudkowsky; Yoon Soo Park; Steven M. Downing
No. Class : 610.711 YUD a
Link Pustaka : <https://doi.org/10.4324/9781138054394>

Description:

Assessment in Health Professions Education provides comprehensive guidance for persons engaged in the teaching and testing of the health professions-medicine, dentistry, nursing, pharmacy and allied fields. Part I of the book provides a user-friendly introduction to assessment fundamentals and their theoretical underpinnings Part II describes specific assessment methods used in the health professions, with a focus on best practices, assessment challenges, and practical guidelines for the effective implementation of successful assessment programs.

Key features:

- Comprehensive: the first text to provide broad, single-source coverage of all aspects of assessment in the health professions.
- Accessible: while scholarly and evidence-based, the book is geared towards health professions educators who are not measurement specialists.
- Thematic: assessment validity is an organizing theme and provides a conceptual framework throughout the book.

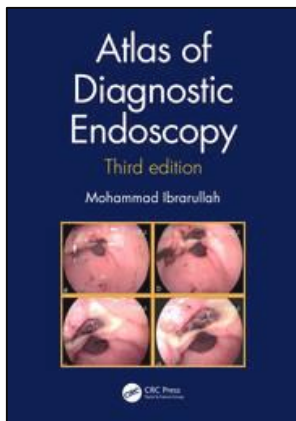


Anatomy: Regional, Surgical, and Applied, 1st ed

Author : Qassim F. Baker; Philip J. Adds
No. Class : 371.904 6 PER m
Link Pustaka : <https://doi.org/10.1201/9781003312895>

Description:

An easy-to-read book written by students for students, edited by senior clinicians and anatomy academics, with contributions from leading anatomists and clinicians. Anatomical facts are correlated with clinical settings, especially medical emergencies, and important points are highlighted with clear learning points. The text is supplemented by diagrams and images, which form an essential part of this book. It covers the students learning objectives in undergraduate anatomy curricula and helps in preparing them for practical and written exams. It forms a solid foundation for future clinical exams based on the knowledge of anatomical facts in a clinical setting.

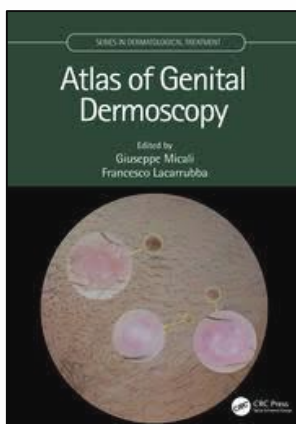


Atlas of Diagnostic Endoscopy, 3rd ed

Author : Mohammad Ibrarullah
No. Class : 616.602 02 IBR a
Link Pustaka : <https://doi.org/10.1201/9780429326240>

Description:

This book is a compilation of endoscopic images of the upper gastrointestinal tract. The 3rd edition is enriched with high resolution digital images highlighting the classification and staging of endoscopically relevant diseases. Serial documentation of diseases and procedures like corrosive injury, variceal obliteration, peptic ulcer etc. provides a complete, informative and interesting perspective. Rare conditions like Dieulafoys disease and Gastric antral vascular ectasia GAVE have been extensively discussed along with common diseases of the GI tract. This book outlines the technique and interpretation of endoscopic images proving to be a helpful guide to endoscopy practitioners.

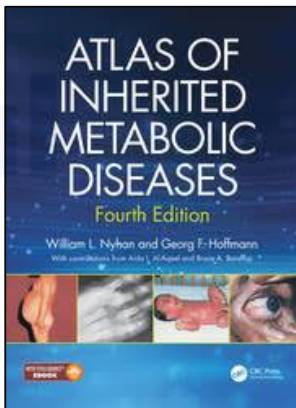


Atlas of Genital Dermoscopy, 1st ed

Author : Giuseppe Micali; Francesco Lacarrubba
No. Class : 612.7 MIC a
Link Pustaka : <https://doi.org/10.1201/9781003007166>

Description:

Dermoscopy, a non-invasive modern tool to enhance the diagnosis and monitoring of pigmented and non-pigmented skin disorders, is particularly suitable for use in the genital area, in which traditional invasive diagnostic procedures may be difficult or painful for the patient. Dermatologists, family physicians, and those involved in Sexual Health medicine will all benefit from this atlas showing the applications of dermoscopy in several external genital disorders both in males and females with large high-resolution color photographs throughout.



[Atlas of Inherited Metabolic Diseases, 4th ed](#)

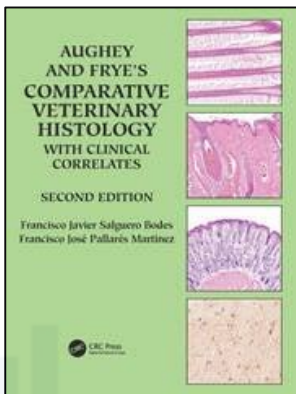
Author : Georg F Hoffmann; William L Nyhan; Bruce A. Barshop
Aida Al Aqueel
No. Class : 612.39 NYH a
Link Pustaka : <https://doi.org/10.1201/9781003007166>

Description:

In a field where even experts may find that years have elapsed since they last encountered a child with a given disorder, it is essential for the clinician to have a comprehensive source of practical and highly illustrated information covering the whole spectrum of metabolic disease to refer to.

The content is divided into sections of related disorders, including disorders of amino acid metabolism, lipid storage disorders, and mitochondrial diseases for ease of reference, with an introductory outline where appropriate summarizing the biochemical features and general management issues. Within the sections, each chapter deals with an individual disease, opening with a useful summary of major phenotypic expression including clear and helpful biochemical pathways, identifying for the reader exactly where the defect occurs.

Throughout the book, plentiful photographs, often showing extremely rare disorders, are an invaluable aid to diagnosis.



[Aughey and Frye's Comparative Veterinary Histology with Clinical Correlates, 2nd ed](#)

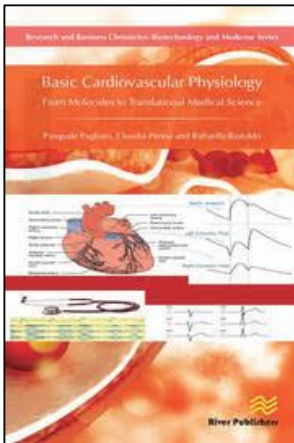
Author : Francisco Javier Salguero Bodes; Francisco Jose Pallares Martinez
No. Class : 616.07 BOD a
Link Pustaka : <https://doi.org/10.1201/9781003333807>

Description:

Organised by body system, the new edition of this highly illustrated textbook covers the normal histological appearance of tissues in a wide range of animals, both domestic and exotic species, with relevant clinical correlates emphasising the need to appreciate the normal in order to recognise the abnormal.

In this update by two experienced veterinary pathologists and histology lecturers, new species, such as other companion mammals, aquatic species, and livestock, are introduced into each chapter along with a wealth of new high-quality images. A new chapter covers epithelial tissue, and new techniques used in histology and histopathology are discussed throughout, including in situ hybridisation (ISH) and digital image analysis. Pathogenesis explanations are introduced in the current (and many new) cases of histopathology.

The breadth of coverage - farm animals, dogs, cats, horses, birds, reptiles, amphibians, and fish - and the integration of normal and abnormal tissue provide a reference of lasting value to veterinary students as well as veterinary practitioners and pathologists requiring a quick refresher.

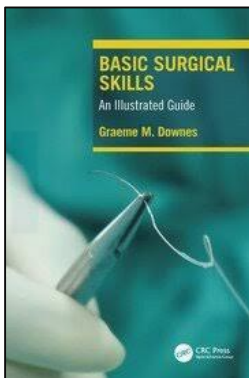


[Basic Cardiovascular Physiology: from Molecules to Translational Medical Science](#)

Author : Pasquale Pagliaro; Raffaella Rastaldo; Claudia Penna
No. Class : 612 PAG b
Link Pustaka : <https://doi.org/10.1201/9781003337294>

Description:

This book focuses on established cardiovascular principles and highlights some of the progress achieved by recent research in the cardiovascular field. The authors report the basic concepts related to the functioning of the cardiovascular system necessary for medical students to understand. To foster learning, in each chapter the fundamental points are highlighted in italics and/or bold. In addition, we have added boxes that contain some more detailed information about physiological mechanisms or clinical aspects are analyzed and described in greater detail. The book describes the structure and function of the heart and vascular system for the reader to understand how the cardiovascular system responds in both health and disease. The book conveys a unified vision of the function of the heart and the vascular system, explaining the complexity of the system that goes far beyond the integrated connection between preload, afterload and cardiac contractility. The endothelium covers the internal part of the whole cardiovascular system therefore, endothelial physiology is treated in several chapters. Given the importance of coronary circulation in cardiac pathophysiology, this special circulation is described in detail and enriched with the most up-to-date information. Several paragraphs and boxes on clinical implications are dedicated to the principles of electrophysiology and the electrocardiogram. A space is also dedicated to myocardial ischemia/reperfusion injury and cardioprotective procedures. The book is written in a linear and simple language without compromising the scientific rigor of the various topics covered.



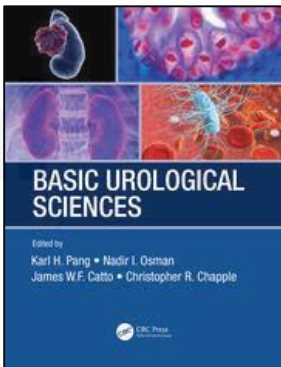
[Basic Surgical Skills: an Illustrated Guide, 1st ed](#)

Author : Graeme Downes
No. Class : 617 DOW b
Link Pustaka : <https://doi.org/10.1201/b23298>

Description:

An easy to follow step-by-step guide to the most useful surgical skills from knot tying to simple procedures. Illustrated with colour photographs and video clips to demonstrate techniques, this book makes these practical skills as clear and easy to follow as possible.

Including coverage of surgical instruments, wound management and suturing, and minor surgical procedures, it also explains how to use these essential surgical skills to make the most of a surgical placement. Healthcare students or junior professionals undertaking a placement in surgery or emergency medicine will feel confident and capable, and will be able to take an active role in surgical placements. Learning basic surgical skills is important for such placements, as well as for undertaking exams such as the Membership of the Royal College of Surgeons MRCS.

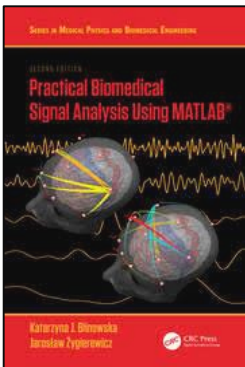


Basic Urological Sciences, 1st Ed

Author : Karl Pang; Nadir Osman; James Catto; Christopher Chapple
No. Class : 616.6 PAN b
Link Pustaka : <https://doi.org/10.1201/9780429285813>

Description:

A working knowledge of the basic sciences underlying disease mechanisms and body responses is widely recognized as an essential part of urology training. This book is aimed at trainees to ensure they are up to date with the breadth of knowledge and provides a concise summary that is ideal for revising the basic science components in assessments and final exams. Chapters cover anatomy and physiology, basic principles of immunology and oncology and specific diseases. This is a need-to-know summary of the facts and is aimed at FRCS (Urol) candidates and the wider global surgical audience looking for an up-to-date summary.



Practical Biomedical Signal Analysis Using MATLAB®, 2nd ed

Author : Katarzyna J. Blinowska; Jarosław Żygierewicz
No. Class : 612.014 27 BLI p
Link Pustaka : <https://doi.org/10.1201/9780429431357>

Description:

Covering the latest cutting-edge techniques in biomedical signal processing while presenting a coherent treatment of various signal processing methods and applications, this second edition of Practical Biomedical Signal Analysis Using MATLAB also offers practical guidance on which procedures are appropriate for a given task and different types of data.

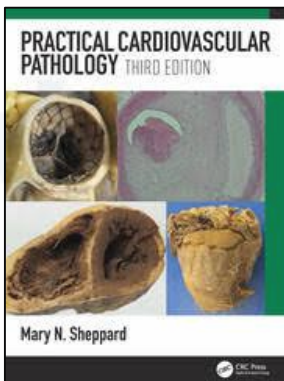
It begins by describing signal analysis techniques-including the newest and most advanced methods in the field-in an easy and accessible way, illustrating them with Live Script demos. MATLAB routines are listed when available, and freely available software is discussed where appropriate. The book concludes by exploring the applications of the methods to a broad range of biomedical signals while highlighting common problems encountered in practice.

These chapters have been updated throughout and include new sections on multiple channel analysis and connectivity measures, phase-amplitude analysis, functional near-infrared spectroscopy, fMRI (BOLD) signals, wearable devices, multimodal signal analysis, and brain-computer interfaces.

By providing a unified overview of the field, this book explains how to integrate signal processing techniques in biomedical applications properly and explores how to avoid misinterpretations and pitfalls. It helps readers to choose the appropriate method as well as design their own methods. It will be an excellent guide for graduate students studying biomedical engineering and practicing researchers in the field of biomedical signal analysis.

Features:

- Fully updated throughout with new achievements, technologies, and methods and is supported with over 40 original MATLAB Live Scripts illustrating the discussed techniques, suitable for self-learning or as a supplement to college courses
- Provides a practical comparison of the advantages and disadvantages of different approaches in the context of various applications
- Applies the methods to a variety of signals, including electric, magnetic, acoustic, and optical

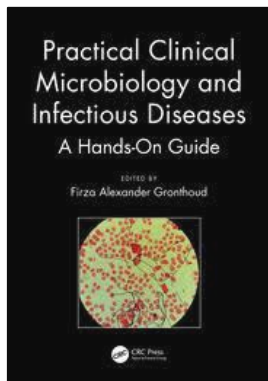


[Practical Cardiovascular Pathology, 3rd ed](#)

Author : Mary N. Sheppard
No. Class : 611.1 SHE p
Link Pustaka : <https://doi.org/10.1201/9780429186530>

Description:

In the last decade cardiac pathology has undergone a revolution, particularly in the fields of genetics and imaging. Practical Cardiac Pathology 3e is a combined atlas and text that is designed to assist pathologists in identifying the range of cardiovascular conditions that are found in both diagnostic and autopsy work

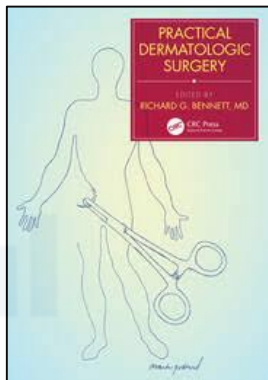


[Practical Clinical Microbiology and Infectious Diseases, 1st ed](#)

Author : Firza Alexander Gronthoud
No. Class : 614.57 GRO p
Link Pustaka : <https://doi.org/10.1201/9781315194080>

Description:

This book offers practical tips and essential guidance for trainees and specialists in clinical microbiology and infectious diseases and healthcare professionals interested in infection management to put theoretical knowledge into daily practice. Using common clinical situations and problems as a guide, the handbook is intended to support the healthcare professional from interpretation of laboratory results to consultation and infection control.

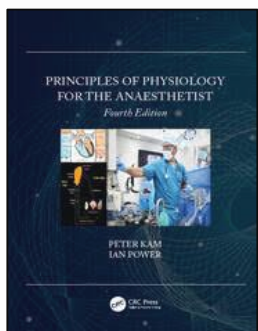


[Practical Dermatologic Surgery](#)

Author : Richard G. Bennett
No. Class : 617.477 059 BEN p
Link Pustaka : <https://doi.org/10.1201/9781003052432>

Description:

Covering the full range of dermatologic surgery, this text will be essential reading for residents in dermatology, family practice, and surgical specialties needing to review a topic in detail quickly and easily. Each chapter is in brief outline form, with tables, line drawings, and the essential references, offering an authoritative and up-to-date guide with 32 contributors.

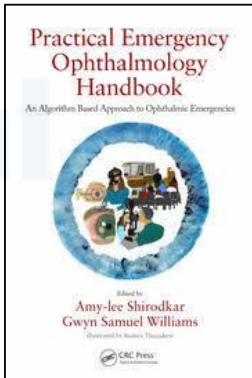


[Principles of Physiology for the Anaesthetist, 4th ed](#)

Author : Peter Kam dan Ian Power
No. Class : 617.96 KAM p
Link Pustaka : <https://doi.org/10.1201/9780429288210>

Description:

This book provides readers with an anaesthesia-focused alternative to general physiology textbooks. The new edition has been reorganised with the trainee anaesthetist in mind, into shorter bite-sized chapters ideal for exam revision. The content includes the physiology of all major organ systems, with specific emphasis on the nervous, respiratory, and cardiovascular systems as well as special sections on pain, aging, specific environments and obesity. Alongside the learning objectives, reflection points and a handy summary of physiological equations and tables, there is greater emphasis on clinical application in this fourth edition, with applied physiology included in almost every section.



[Practical Emergency Ophthalmology Handbook: an Algorithm Based Approach to Ophthalmic Emergencies, 1st ed](#)

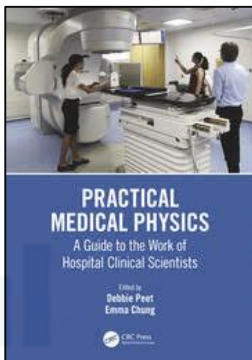
Author : Amy-lee Shirodkar dan Gwyn Samuel Williams
No. Class : 617.702 5 SHI p
Link Pustaka : <https://doi.org/10.1201/9780429024405>

Description:

This handbook is designed to help shape the thought processes of the eye clinician or trainee and guide them toward the right decision-making pathway in emergency ophthalmology situations. Chapters are titled by the way cases present to eye casualty rather than condition, along with an algorithmic approach on what clinical and laboratory investigations to carry out. There is also guidance on how to perform simple procedures. It is aimed at trainees, general ophthalmologists and those with an interest from allied specialties (including specialist nurses) and professions such as optometrists and emergency medicine doctors.

Key Features:

- Stresses safe and practical navigation of common eye symptoms presented in an emergency setting.
- Provides guidance on differential diagnosis and includes useful decision-making flowcharts.
- Emphasizes how to approach the eye casualty patient.
- Shows what can be expected at each stage of the eye injury patient encounter.
- Presents information appropriate for the entire multi-disciplinary eye casualty team



[Practical Medical Physics: a Guide to the Work of Hospital Clinical Scientists, 1st ed](#)

Author : Debbie Peet dan Emma Chung
No. Class : 610.153 PEE p
Link Pustaka : <https://doi.org/10.1201/9781315142425>

Description:

This is the first all-encompassing textbook designed to support trainee clinical scientists in medical physics as they start work in a hospital setting whilst undertaking an academic masters course.

Developed by practising physicists and experienced academics using their experience of teaching trainee medical physicists, this book provides an accessible introduction to the daily tasks that clinical scientists perform in the course of their work. It bridges the gap between theory and practice, making the book also suitable for advanced undergraduate and graduate students in other disciplines studying modules on medical physics, including those who are considering a career in medical physics through applying to the NHS Scientist Training Programme (STP).

Features:

- Provides an accessible introduction to practical medical physics within a hospital environment
- Maps to the course content of the Scientist Training Programme in the NHS
- Acts as a complement to the academic books often recommended for medical physics courses