

The Manual Of Clinical Perfusion Second Edition Update

This book is a comprehensive guide to clinical methods in surgery for medical students. Divided into six sections, the text begins with examination methods in general surgery. The following sections cover different body systems, trauma and orthopaedics. The third edition has been fully revised and updated and many new topics added. The book concludes with new chapters on X-rays, instruments and specimens for quick revision. Each chapter is presented in a step by step manner explaining history, clinical examination, investigations and differential diagnosis. Some topics include case studies and clinical pearls to assist learning. Key points are highlighted in colour boxes and the text is enhanced by more than 2100 images and illustrations, many of which are new to this edition. The book includes access to complimentary videos demonstrating examination techniques. Key points Fully revised, new edition explaining clinical methods in surgery Third edition features new chapters on X-rays, instruments and specimens Includes access to complimentary videos demonstrating examination techniques Previous edition (9789351525264) published 2015

Presents clear and easy-to-follow guidelines for routinely incorporating PRP into a broad spectrum of dental and craniofacial procedures in order to obtain its documented benefits of enhanced healing and improved outcomes. The authors explain PRP’s biologic mechanism of action, the in-office procedure for developing PRP, and most importantly, its application and expected benefits in procedures such as implant placement, periodontal bone and soft tissue surgery, sinus lifts, jaw reconstructions, soft tissue facial augmentations, and facial cosmetic surgeries.

With the introduction of cardiac surgery more than five decades ago and the use of the heart-lung machine for open heart surgical procedures granting the surgeon unlimited time in which to operate inside the heart, a complex task has been given to the Perfusionist. With a pairing of a perfusionist and a surgeon for each chapter, this book is an essential collection of techniques and protocols to aid in decision making in the operating room.

Publisher’s Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The acclaimed full-color clinical manual and review of TEE --- completely updated to reflect the field’s latest breakthroughs and developments Clinical Manual and Review of Transesophageal Echocardiography, Third Edition is written to be the field’s go-to resource and the standard reference textbook on the topic. It offers concise yet comprehensive coverage of the key principles, concepts, and developing practice of transesophageal echocardiography. Completely updated, reorganized, and expanded, this Third Edition features a sectional format, each containing chapters that were reviewed and revised to provide a comprehensive discussion of physiology, pathophysiology, and echocardiographic approach for normal and common disease states. Where possible, important clinical information has been aligned with the principles of cardiovascular physiology and echocardiographic techniques. Narrative text, charts, videos, and graphs have been effectively integrated to provide rapid access to key clinical information for the purpose of improving clinical management. Features: •

Addresses all the important clinical and technical issues and major exam topics • Valuable appendices detailing normal chamber dimensions and volumes; wall motion and coronary perfusion; diastolic function; native valve areas, velocities, and gradients; and measurements and calculations • Contributions from leading anesthesiologists, cardiologists, and cardiothoracic surgeons • A complete practice exam and chapter-ending multiple choice questions make this the perfect review for board examinations in both basic and advanced perioperative echocardiography

Stroke

Cardiovascular Hemodynamics

A Companion to Braunwald’s Heart Disease E-Book

Dental and Craniofacial Applications of Platelet-rich Plasma

Manual of Neurosonology

This updated second edition of Acute Ischemic Stroke: Imaging and Intervention provides a comprehensive account of the state of the art in the diagnosis and treatment of acute ischemic stroke. The basic format of the first edition has been retained, with sections on fundamentals such as pathophysiology and causes, imaging techniques and interventions. However, each chapter has been revised to reflect the important recent progress in advanced neuroimaging and the use of interventional tools. In addition, a new chapter is included on the classification instruments for ischemic stroke and their use in predicting outcomes and therapeutic triage. All of the authors are internationally recognized experts and members of the interdisciplinary stroke team at the Massachusetts General Hospital and Harvard Medical School. The text is supported by numerous informative illustrations, and ease of reference is ensured through the inclusion of suitable tables. This book will serve as a unique source of up-to-date information for neurologists, emergency physicians, radiologists and other health care providers who care for the patient with acute ischemic stroke.

This volume highlights and broadens our understanding of the correct use and the possible contraindications of contrast agents applied in radiology. Written by experts in the field, it not only focuses on the chemistry, physiochemical properties and pharmacokinetics of both iodinated and gadolinium-containing contrast agents, but also on the relevant safety issues such as frequency of their short- and long-term side effects and ways to avoid them nephrotoxicity risk related to the iodinated contrast agents NSF (nephrogenic systemic fibrosis) accumulation of gadolinium in the brain use of contrast agents in pediatric patients and pregnancy It also includes essential data on the use of contrast agents, such as scanning protocols, in the context of various clinical conditions. This comprehensive manual addresses all professionals involved in radiological imaging and is an invaluable tool for radiologists and technologists, as well as for residents and clinicians.

The value of echocardiography in the diagnostic work-up of patients with suspected acute pulmonary embolism.- New developments in the thrombolytic therapy of venous thrombosis.- Mechanism of blood coagulation. Never aspects of anticoagulant and antithrombotic therapy.MR-angiography in the diagnosis of pulmonary embolism.Scintigraphy-ventilation/perfusion scanning and imaging of the embolus.- Clinical course and prognosis of acute pulmonary embolism.- The molecular mechanisms of inherited thombophilia.

The new edition of this book covers fluid-filled systems, intracranial hemodynamics, open-heart surgery patients, pediatric patients, and more! It shows exactly how to insert and manipulate catheters safely, read monitors properly and interpret readings accurately. Precise illustrations deliver crucial details on delicate techniques. The latest edition has been thoroughly updated and revised incorporating all the new techniques and procedures. Includes precise illustrations which depict crucial details on delicate techniques Thoroughly updated and revised incorporating all the new techniques and procedures Includes coverage of fluid-filled systems Intracranial hemodynamics is discussed Treatment details for open-heart surgery patients and pediatric patients is also included

Perfusion Case Logbook

Acute Pulmonary Embolism

The Washington Manual of Medical Therapeutics

Ecmo: Extracorporeal Cardiopulmonary Support in Critical Care, Red Book

Pocket Guide to Stress Testing

A clinically relevant, reader-friendly text covering everything the anesthesia provider must know about physiology This well-illustrated new resource is the most concise and high-yield presentation of physiology topics available to the anesthesia provider. The authors (who are both educators and clinicians) deliver a complete overview of physiology, but, since this book is written for the anesthesia provider, the bulk of the text is dedicated to cardiovascular and respiratory physiology. Clinical Physiology in Anesthetic Practice distinguishes itself from general medical physiology books by the inclusion of case studies and clinical correlation boxed inserts that emphasize key fact that relate to real-world practice. •Numerous case studies demonstrate the clinical relevance of basic science•The author are experienced educators and clinicians, and know how to present difficult concepts in the most interesting and reader-friendly manner possible•Key Points summarize must-know information, providing an excellent framework for board review

A basic understanding of cardiovascular physiology is essential for optimal patient care. This practical book provides a concise tutorial of all the essential aspects of cardiovascular hemodynamics and the techniques used to assess cardiovascular performance. A high-yield reference, this book is replete with figures, tracings, tables, and clinical pearls that reinforce the basic tenets of hemodynamics. From identifying key findings of the patient history and physical exam to correlating hemodynamic tracings with acute clinical presentations, this book arms the reader with the tools necessary to handle any hemodynamic-related situation.

This best-selling resource provides a general overview and basic information for all adult intensive care units. The material is presented in a brief and quick-access format which allows for topic and exam review. It provides enough detailed and specific information to address most all questions and problems that arise in the ICU. Emphasis on fundamental principles in the text should prove useful for patient care outside the ICU as well. New chapters in this edition include hyperthermia and hypothermia syndromes; infection control in the ICU; and severe airflow obstruction. Sections have been reorganized and consolidated when appropriate to reinforce concepts.

The Social Security Administration (SSA) uses a screening tool called the Listing of Impairments to identify claimants who are so severely impaired that they cannot work at all and thus immediately qualify for benefits. In this report, the IOM makes several recommendations for improving SSA’s capacity to determine disability benefits more quickly and efficiently using the Listings.

Advanced Perfusion Techniques

A Challenge for Hemostasiology

Macleod’s Clinical Examination E-Book

Cardiovascular Disability

Acute Ischemic Stroke

This portable manual provides a highly visual, rapid-reference resource that presents anesthesia in a practical and clinically-focused manner. Manual of Clinical Anesthesiology guides anesthesiologists in rapid and focused clinical decision making with its practical, clinically-focused chapters on anesthesia management. This highly formatted manual includes chapter summaries to highlight key points discussed within each chapter, color-coded sections to quickly identify information, and icons calling out pearls and pitfalls. Chapters are short and easy to read. The book includes four atlases for rapid reference: Atlas of Transesophageal Echocardiography, Atlas of Regional Anesthesia, Atlas of Anesthesia Procedures, and Crisis Management Cognitive Aids. There is also a Drug Dosing pull-out card for rapid reference. A section covering Anesthesia Phrases in Foreign Languages will enhance communication with non-English speaking patients in situations where an interpreter may not be available.

Clinical Procedures in Emergency Medicine, by James R. Roberts, MD & Jerris R. Hedges, MD, MS, is far and away the most well-known and trusted procedures manual in emergency medicine. Completely updated with the latest equipment, devices, drug therapies, and techniques, this 5th edition enables you to make optimal use of today’s best options. And a new full-color format makes the book easier to consult than ever before. You’ll see exactly how and when to perform every type of emergency procedure, so you can choose and implement the best possible approach for every patient! Provides over 1,700 detailed illustrations, 1,350 in full color, allowing you to visualize procedures clearly so you can perform them correctly. Explains not only how to perform each rocedure but also why, when, and what other procedures you should consider. Covers the latest equipment, devices, drug therapies, and techniques, including new devices for cricothyrotomy, monitoring CPR effectiveness, intraosseous infusion, autotransfusion and transfusion therapy, and wound closure. Incorporates coverage of ultrasound-guided procedures throughout the book to assist you in the use of these increasingly pervasive new techniques. Presents a new chapter on Chemical and Physical Restraints to facilitate management of violent or aggressive patients. Features a brand new full-color design together with all-new algorithms, illustrations, and tables for expedited reference and streamlined clinical decision making. Reflects the most recent clinical evidence and guidelines for dependable decision-making guidance. Offers updated coverage of tracheal intubation and infectious exposure management, so you can make spilt-second decisions on these difficult procedures.

Established for over 40 years as the "bible" of the medical ward, The Washington Manual® of Medical Therapeutics is now in its Thirty-Third Edition and builds upon that proud tradition—with even more of the current information you need, delivered in a timesaving, quick-reference style. Its portability, comprehensiveness, and ease of access makes it a favorite on-call resource for housestaff and faculty around the world. In this edition, color has been added for better navigation, new decision support algorithms have been added, and an improved templated and bulleted format facilitates a quicker answer. With this edition you now have the capability to upload this content to your handheld device and receive updates to the information throughout the activation period. Plus, you have access to eight medical calculators that include: GFR - Cockcroft-Gault Method (Adult) Urea Reduction % (Hemodialysis) Transubular Potassium Gradient Osmolal Gap Anion Gap Serum Osmolality Reticulocyte Index Body Mass Index (BMI) The Washington Manual® is a registered mark belonging to Washington University in St. Louis to which international legal protection applies.

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Offered in print, online, and downloadable formats, this updated edition of Stroke: Pathophysiology, Diagnosis, and Management delivers convenient access to the latest research findings and management approaches for cerebrovascular disease. Picking up from where J. P. Mohr and colleagues left off, a new team of editors - Drs. Grotta, Albers, Broderick, Kasner, Lo, Mendelow, Sacco, and Wong - head the sixth edition of this classic text, which is authored by the world’s foremost stroke experts. Comprehensive, expert clinical guidance enables you to recognize the clinical manifestations of stroke, use the latest laboratory and imaging studies to arrive at a diagnosis, and generate an effective medical and surgical treatment plan. Abundant full-color CT images and pathology slides help you make efficient and accurate diagnoses. Data from late-breaking endovascular trials equips you with recent findings. Includes comprehensive coverage of advances in molecular biology of cell death; risk factors and prevention; advances in diagnostics and stroke imaging; and therapeutic options, including a thorough review of thrombolytic agents and emerging data for endovascular therapy. Features brand-new chapters on Intracellular Signaling; Mediators and Protective Responses; The Neurovascular Unit and Responses to Ischemia; Mechanisms of Cerebral Hemorrhage; Stroke Related to Surgery and Other Procedures; Cryptogenic Stroke; and Interventions to Improve Recovery after Stroke. Highlights new information on genetic risk factors; primary prevention of stroke; infectious diseases and stroke; recovery interventions such as robotics, brain stimulation, and telerehabilitation; and trial design. Details advances in diagnostic tests, such as ultrasound, computed tomography (including CT angiography and CT perfusion), MRI (including MR perfusion techniques), and angiography. Includes extracted and highlighted evidence levels. Expert Consult eBook version included with print purchase. This enhanced eBook experience allows you to search all of the text, figures, and references on a variety of devices. The content can also be downloaded to tablets and smart phones for offline use. Combat stroke with the most comprehensive and updated multimedia resource on the pathophysiology, diagnosis, and management of stroke from leaders in the field

The Manual of Clinical Perfusion

Notes on Cardiopulmonary Bypass for a Complex Patient Population

Cardiology Explained

Harrisons Manual of Medicine, 20th Edition

Updating the Social Security Listings

The Perfusion Crisis Manual is a practical quick-reference handbook in aviation checklist format, giving step-by-step guidance for the management of cardiopulmonary bypass and ECMO crisis encountered in the OR or Intensive Care.55 crisis management protocols covering major perfusion emergency scenarios.An emergency procedure section containing checklists for rapid set ups.A separate section specific for ECMO troubleshooting.A color coded, tabbed layout enabling fast navigation for use in a crisis.A must for every operating room, perfusionist and trainee.

A complete guide to the tools and techniques for modeling, simulating, and optimizing SSFE processes and phenomena In Modeling, Simulation, and Optimization of Supercritical and Subcritical Fluid Extraction Processes, a team of expert chemical engineers delivers a comprehensive guide to the tools and techniques used to model supercritical and subcritical fluid extraction (SSFE) processes and phenomena. The book offers details on SSFE experiment management, as well as modeling and optimization of SSFE. The authors begin with a discussion of the fundamentals of SSFE and the necessary experimental techniques to validate the models. They also discuss process simulators, conventional optimization techniques, and state-of-the-art genetic algorithm methods. Several practical examples and case studies on SSFE modeling and optimization techniques are provided. Additionally, detailed thermodynamic modeling with and without co-solvent and non-equilibrium system modeling are covered. Readers will also find: A detailed overview of the field of supercritical and subcritical fluid extraction and their importance to the food, cosmetics, and pharmaceutical industries Explorations of the concepts and methodologies for modeling, simulation, and optimization of SSFE, including conservation laws related to SSFE traditional first principle modeling Practical discussions of the characteristics and physical properties of palm oil as a solute and descriptions of some existing palm oil industrial processes An examination of first principle methodology as applied to the modeling of the properties of palm oil components and mixtures Perfect for researchers, scientists, technologists, and engineers working in food science and the pharmaceutical, cosmetic, and agricultural industries. Modeling, Simulation, and Optimization of Supercritical and Subcritical Fluid Extraction Processes is also a must-read for those working with process design, development, quality control, and improvement in the chemical industries.

One of the most time-consuming tasks in clinical medicine is seeking the opinions of specialist colleagues. There is a pressure not only to make referrals appropriate but also to summarize the case in the language of the specialist. This book explains basic physiologic and pathophysiologic mechanisms of cardiovascular disease in a straightforward manner, gives guidelines as to when referral is appropriate, and, uniquely, explains what the specialist is likely to do. It is ideal for any hospital doctor, generalist, or even senior medical student who may need a cardiology opinion, or for that ma.

THE LANDMARK GUIDE TO ADULT CARDIAC, CONGENITAL CARDIAC, AND GENERAL THORACIC SURGERY--COMPLETELY UPDATED AND REVISED IN FULL COLOR An essential guide for daily clinical practice and a thorough review for the cardiothoracic boards, *Johns Hopkins Textbook of Cardiothoracic Surgery* is filled with authoritative guidance on surgical techniques and pre- and postoperative strategies for managing cardiothoracic disease. The content of this trusted classic reflects the rapidly changing field of cardiothoracic surgery. In addition to the basic curriculum required for certification, you will find coverage of advanced concepts, controversial issues, and new technologies. *Johns Hopkins Textbook of Cardiothoracic Surgery* provides an in-depth look at the full-spectrum of disorders and their surgical and medical management options, including congenital, acquired, and neoplastic diseases. Supporting this detailed coverage is an easy-to-navigate design and step-by-step explanations of the most complex operations. **THE SECOND EDITION IS HIGHLIGHTED BY: NEW** board review Q&A **Ten NEW** chapters including: *Surgical Therapies For Atrial Fibrillation, Management of Adults with Congenital Heart Disease, and Stem Cells for Cardiac Surgical Disease NEW full-color illustrations* An increased number of decision-making flow charts that will prove valuable when preparing for cases and examinations **Key Concepts** that highlight epidemiology, pathophysiology, clinical features, diagnostic and treatment strategies, and outcomes for each topic **NOTE: This book was previously known as the Johns Hopkins Manual of Cardiothoracic Surgery but the second edition has been renamed to better reflect its scope and comprehensive nature.**

The Washington Manual of Critical Care

Clinical Manual and Review of Transesophageal Echocardiography, 3/e

ECMO Specialist Training Manual Fourth Edition

Invasive and Noninvasive Clinical Application

Imaging and Intervention

A thorough procedural guide covering applications of neurosonology to diagnosis, monitoring of cerebrovascular and other neurological diseases.

Cardiopulmonary Bypass, 2nd edition, offers a complete introduction to this specialist technique for medical and technical personnel involved in extracorporeal cardiopulmonary support. A clinically based overview of the subject is provided and updated chapters incorporate the most current developments in the field. Introductory chapters cover preparation of the cardiopulmonary bypass machine, safety and monitoring, routine conduct of bypass, and the process of weaning from mechanical to physiological circulation. Specialist chapters on mechanical support, ECMO, special surgical procedures, blood conservation techniques, and particular medical conditions that affect the conduct of bypass are also included. This new edition includes self-assessment multiple choice questions at the end of each chapter, allowing readers to test their own understanding of the material. Written and edited by specialists from leading cardiac centres in the UK and USA, this is an invaluable resource for clinical perfusion scientists, cardiac surgeons, and anaesthetists in training.

Publisher’s Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. All the authority of the most trusted brand in medical content in a convenient, portable guide Derived from most clinically salient content featured in Har

Medicine, 20th Edition, this full color, portable guide covers all diseases and conditions commonly seen in general medical practice. This edition has been updated to reflect the latest clinical developments in medicine. Designed for quick access and employing an effective blend of concise text, bulleted key points, decision trees, and summaries, it is easy to find what you need at the point of care. The easy-to-navigate chapters use a standard repeating template and cover: •Etiology and Epidemiology •Clinically Relevant Pathophysiology •Signs and Symptoms •Differential Diagnosis •Physical and Laboratory Findings •Therapeutics •Practice Guidelines, and more. An introductory guide to clinical research, written specifically for junior doctors by a team of highly experienced authors. This practical book covers all areas that a junior doctor will need to consider, including funding, study design, ethics, data analysis, disseminating findings, and furthering one's research career.

An Introductory Guide

Second Edition Updated

Clinical Physiology in Anesthetic Practice

Clinical Procedures in Emergency Medicine

Perinatal Cardiology Part 2

In Perinatal Cardiology, fetal cardiology experts provide key information on tools for fetal evaluation through echocardiography / cardiac ultrasonography, with a primary focus on the nature and prenatal detection of structural and functional cardiac heart defects (CHDs). In this two-part book, readers will find details about different types of fetal cardiac abnormalities along with important updates on the diagnosis, management, planning delivery, and postnatal treatment in CHD cases. This information is supplemented with guidelines for the clinical management of patients with a fetus affected by cardiovascular defects, and surgical procedures in neonates. Key Features: -presents information gathered by experts in perinatal cardiology, organized into 26 topic-based chapters - explores the cardiac development, fetal cardiovascular hemodynamics, genetic and environmental factors associated with congenital heart defects (CHD), perinatal management, planning delivery, and postnatal treatment of newborns with CHD - presents information about normal cardiac functions and heart defects to give readers a clear and detailed picture of abnormal cardiac function - presents information about perinatal ultrasound physiology - gives practical guidelines for ultrasound and echography parameters required for evaluating fetal heart anatomy and diagnosing diseases - includes a new system of classifying prenatal CHDs based on the stratification of the risk level of care - features a straightforward and accessible style of presentation suitable for all readers - provides references in each chapter for further reading Part 2 of this two-part set delves into different fetal anomalies such as ventricular inflow anomalies, myocardial and pericardial diseases, cardiac tumors, extra-cardiac conditions, cardiac failure, and environmental factors associated with CHD. The latter chapters cover clinical topics such as labor management for patients bearing a child with CHD, fetal cardiac interventions, clinical management of neonates with CHD and postnatal surgery. Perinatal Cardiology is an essential reference for postgraduate medical students seeking to improve their knowledge of fetal and pediatric cardiology as part of their residency and professional training. The book equips readers with the information necessary to understand the role of the perinatal cardiologist and goes further to facilitate the ability to perform adequate risk assessments for fetal CHD.

This classic textbook sets out clearly and concisely how to evaluate symptoms and elicit relevant physical signs. It describes the practical skills which every clinician must acquire and develop in order to evolve diagnostic procedures and management strategies and plans. 'Highly Commended' in the 2006 and 2010 BMA Medical Book Competitions, this Thirteenth Edition contains over 500 clinical photographs and diagrams to illustrate the text, with new topics added to make the book even more comprehensive. This Thirteenth Edition has four sections: History taking and general examination. System examination covering symptoms and signs. Examination in special situations including babies & children and the critically ill. How to pass an OSCE. Included on the Student Consult site are the specially-recorded videos demonstrating many of the clinical examination routines described in the main text. The book starts with a general overview section on history taking and the general examination that provide the framework on which to hang the detail. The systematic examination section documents clearly the relevant history, examination and special investigations as well as giving advice on their significance. The third section covers examination in specific situations and emphasises an integrated and structured approach to these patients. A final section spells out how to demonstrate the techniques learned in the book in an OSCE. Macleod's is closely linked to its sister publication, Davidson's Principles & Practice of Medicine, which complements the information in this text. Available with full online access on Student Consult and ancillary videos demonstrating key clinical examination routines following the format laid out in the book. There are two new chapters on examination in specific situations: The frail elderly The adult with fever A new section explicitly spells out how to demonstrate the techniques learned in the book in an OSCE and other formative and summative examinations. Over 50 new text boxes highlight the evidence-base for the examination techniques discussed. An Advisory Board of students, junior doctors, and representatives from the nursing, ambulance, Primary Care and academic communities from six countries has made detailed comments and critically appraised the entire book. The text has been substantially rewritten with more on medically unexplained symptoms in the History Taking chapter and extended coverage of diabetes mellitus in the Endocrine System chapter. Integrated with the online text are clinical examination videos of trained professionals performing many of the examination routines described in the book with an accompanying commentary by the Editor, Professor Colin Robertson Two new videos show how the Glasgow Coma Scale should be performed in clinical situations, demonstrating the correct techniques and also common pitfalls in using the GCS.

Manual of Clinical Procedures in the Horse is a detailed step-by-step guide to clinical skills in equine practice. With information on techniques ranging from physical examination and blood sampling to lameness and neurologic exams and other specialized procedures, the book is an aid to confidently and effectively performing procedures used in daily equine practice. Well illustrated with clinical photographs throughout, the book's focus is on providing thorough, easy-to-understand descriptions of 80 techniques necessary for examining and treating horses. Each topic includes a summary of the purpose, potential complications, equipment and proper restraint for each procedure, with a detailed description of each action for the technique and the rationale behind it. More than 1,100 full-colour clinical photographs demonstrate the techniques. Manual of Clinical Procedures in the Horse is an essential purchase for any veterinary practice seeing equine patients. Key features Details each step for 80 common procedures for veterinary care of the horse Supports veterinarians and technicians in performing techniques in daily equine practice Presents more than 1,100 images depicting the steps described in the text Covers the purpose, potential complications, equipment, restraint, actions and rationale for each procedure Offers a practical patient-side reference to essential techniques in clinical practice, ranging from basic assessment to specialized procedures

The go-to handbook for those performing and analysing cardiac stress tests The stress test is key to the clinical evaluation and management of patients with known or potential cardiovascular disease. By measuring the heart's ability to respond to external stress, it can provide vital insights into the general physical condition of patients, highlighting abnormalities in blood flow, risk of coronary artery disease, and more. The Pocket Guide to Stress Testing gives cardiology professionals a complete breakdown of this everyday procedure that they can carry with them and consult on the go. This second edition has been fully revised to reflect the most up-to-date information available on the best approaches to conducting and interpreting various forms of stress test. With chapters spanning topics such as testing guidelines, nuclear imaging techniques, and emergency and aftercare protocols, the clear and practical contents cover all aspects of the subject. This essential new text includes: A complete overview of exercise stress testing, covering indications, protocols, preparation, and interpretation Guidelines for the standard treadmill test, as well as for the various pharmacological stress tests for patients unable to complete an exercise ECG test An extensive list of references and reading suggestions to help trainees to expand their knowledge End-of-chapter summaries and new tables and illustrations As the field of cardiology continues to change and develop apace, this new edition of The Pocket Guide to Stress Testing provides physicians, trainee cardiologists, and cardiac nurses with a reliable, up-to-date resource for use in everyday practice.

On Bypass

SRB's Clinical Methods in Surgery

Cardiovascular Magnetic Resonance

Manual of Clinical Dialysis

Pathophysiology, Diagnosis, and Management

Completely updated and greatly expanded, the Second Edition of this classic text is the most comprehensive reference on cardiopulmonary bypass. The book provides detailed clinical and technical information and discusses all of the physiologic derangements that can occur in patients. This edition describes new centrifugal pumps, circulatory assist devices, and minimally invasive techniques and presents current clinical guidelines and practice standards. Coverage also includes new information on neurologic effects, the inflammatory response, and long-term extracorporeal membrane support for cardiac and respiratory failure. Each chapter contains a highlighted summary of key points. More than 300 illustrations complement the text.

The biggest lie I ever told myself is: "I don't need to write that down, I'll remember it." Whether you are a perfusion student just starting your clinicals, or a seasoned perfusionist looking to maintain your edge or get better at your profession, you need this logbook! In conjunction with pumping cases, taking notes on those cases, and reviewing them, is THE. FASTEST. WAY. to becoming a better clinician. You retain 30% more of what you are trying to remember when you write it down. You WILL become a better perfusionist if you take notes over your cases and review them. This Perfusion Case Logbook contains 75 log sheets which allow you to keep track of your number of cases, the date, which surgeon, what type of case, and other important information regarding your case. Each log sheet is broken down into different sections to help you take better, more specific, notes. There are sections for pre-bypass, initiation of bypass, XC on, XC off, and termination of bypass. Each log sheet has a blank back page to continue your notes, make any drawings or diagrams, or for you to take notes over post-op follow up. In addition to 75 log sheets, this logbook contains 10 Surgeon Preference sheets. These sheets are designed for you to keep track of your different surgeon's cannula, cardioplegia, and vent preferences. There are also sections for you to record how they approach different cases from CABG to dissection. Lastly, each logbook contains clinically relevant calculations, conversions, and other helpful info for quick reference when you are in the Operating Room. This logbook is the perfect OR companion to any perfusionist or aspiring student. Do yourself a favor and use this book to take your practice to the next level!

The Washington Manual of Critical Care is a concise pocket manual for physicians and nurses. It is distinguished from the multitude of other critical care handbooks on the market by its consistent presentation of algorithms displaying the decision-making pathways used in evaluating and treating disorders in the ICU.

The new edition transitions to a full color format and will include coverage of Deep Venous Thrombosis/Pulmonary Embolism, fetal-maternal critical care, C difficile infection, and alternative hemodynamic monitoring.

Provides state-of-the-art coverage of CMR technologies and guidelines, including basic principles, imaging techniques, ischemic heart disease, right ventricular and congenital heart disease, vascular and pericardium conditions, and functional cardiovascular disease. Includes new chapters on non-cardiac pathology, pacemaker safety, economics of CMR, and guidelines as well as new coverage of myocarditis and its diagnosis and assessment of prognosis by cardiovascular magnetic resonance, and the use of PET/CMR imaging of the heart, especially in sarcoidosis. Features more than 1,100 high-quality images representing today's CMR imaging. Covers T1, T2 and ECV mapping, as well as T2* imaging in iron overload, which has been shown to save lives in patients with thalassaemia major Discusses the cost-effectiveness of CMR.

Hemodynamic Monitoring

Manual of Clinical Procedures in the Horse

Medical Imaging Contrast Agents: A Clinical Manual

Principles and Practice

The ICU Book

This second edition of the Manual of Clinical Dialysis is a concise and well-illustrated guide to all aspects of dialysis. All chapters have been revised and present a complete overview of the techniques, processes and equipment involved in clinical dialysis as well as an overview of the complications of dialysis. The manual also provides an overview of common clinical problems related to renal failure such as hypertension, anemia and renal osteodystrophy.

*The ABCP Board Examinations for Clinical Perfusionists can be intimidating and daunting. Understanding the testing process, and having a guide to help you navigate the months leading up to the exams is essential. This comprehensive study guide will impart the knowledge you need to fully prepare for the ABCP examinations. Inside you will find: Tips and tricks on how to approach studying for the exams! Detailed information over the testing categories! Exam taking strategies! A 4 month Study Guide example to use! Reference material to study from! And more!*Disclaimers*THIS BOOK DOES NOT CONTAIN TEST QUESTIONS!!! If you are looking for a practice exam YOU WILL NOT FIND IT IN THIS BOOK!This book does not guarantee you will pass your board exams! Learn how to prepare properly for your board examinations! The information contained in this book is a comprehensive guide that is geared towards taking all of the information regarding the ABCP board examinations and putting it in one, easily accessible book. Do yourself a favor and use this book as your companion while preparing for your examinations!!*

Johns Hopkins Textbook of Cardiothoracic Surgery, Second Edition

Cardiopulmonary Bypass

An Introduction to Clinical Research

Manual of Clinical Anesthesiology

The Perfusion Crisis Manual - International Edition