

[Books] Pharmacology For The Prehospital Professional By Jeffrey S Guy Md Facs

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Pharmacology for the Prehospital Professional-Jeffrey S. Guy 2019-05-29 Fully revised to meet current guidelines, Pharmacology for the Prehospital Professional, Second Edition offers a complete and practical understanding of pharmacology in the prehospital setting. The Second Edition provides a unique problem-based approach to ensure that you, as a prehospital provider, are prepared to effectively administer the drugs your patients need. Clinical scenarios present case information just as you will learn it in the classroom and encounter it in the field. By placing each drug in its relevant context, this text teaches you to identify the proper drug for a specific patient in a specific situation. This Second Edition includes: Contextualized profiles of over 90 drugs used in prehospital care for quick identification at critical moments. Problem-oriented approaches to real scenarios encountered in the field. Step-by-step procedural descriptions of pharmacologic processes commonly performed in the prehospital setting. A Medication Math chapter that strengthens your dosage-calculation skills. Legal Aspects and Risk Management coverage to help you avoid common mistakes made in prehospital care. Review questions that reinforce important chapter concepts and test your understanding.

Pharmacology for the Prehospital Professional-Jeffrey S. Guy 2019-05-29 Fully revised to meet current guidelines, Pharmacology for the Prehospital Professional, Second Edition offers a complete and practical understanding of pharmacology in the prehospital setting. The Second Edition provides a unique problem-based approach to ensure that you, as a prehospital provider, are prepared to effectively administer the drugs your patients need. Clinical scenarios present case information just as you will learn it in the classroom and encounter it in the field. By placing each drug in its relevant context, this text teaches you to identify the proper drug for a specific patient in a specific situation. This Second Edition includes: Contextualized profiles of over 90 drugs used in prehospital care for quick identification at critical moments. Problem-oriented approaches to real scenarios encountered in the field. Step-by-step procedural descriptions of pharmacologic processes commonly performed in the prehospital setting. A Medication Math chapter that strengthens your dosage-calculation skills. Legal Aspects and Risk Management coverage to help you avoid common mistakes made in prehospital care. Review questions that reinforce important chapter concepts and test your understanding.

Pharmacology for the Prehospital Professional-Jeffrey Guy 2013-01-09 The only problem-based approach to prehospital pharmacology! Gain a complete, practical understanding of pharmacology for the most effective patient care in prehospital settings with this innovative resource. Pharmacology for the Prehospital Professionals provides a unique problem-based approach to the administration techniques you need to provide quality prehospital emergency medical care. Clinical scenarios present case information just as you will learn it in the classroom and encounter it in the field, and help you develop problem-solving skills using the same methods applied in real prehospital settings.

Pharmacology for the EMS Provider-Richard K Beck 2015-07-31 Overcome your fears and build your confidence while you master the mathematic and pharmacology knowledge you need to pass your licensure exams and prepare for professional practice.

Prehospital Emergency Pharmacology-Dwayne E. Clayden 2012-03-14 This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Prehospital Emergency Pharmacology, Seventh Edition is a comprehensive guide to the most common medications and fluids used by paramedics and other emergency medical service (EMS) professionals in prehospital emergency care. A cornerstone of EMS education for more than 25 years, it has been extensively revised in this edition to reflect current trends in emergency care, especially the growing requirement for evidence-based practice. A valuable aid to both practicing paramedics and paramedic students, it presents care procedures that represent accepted practices throughout the U.S. and Canada, as well as up-to-date medication dosages according with nationally accepted standards, including those of the AMA, AHA, and PDR.

Pharmacology for Health Professionals-Evelyn Salerno 1999 From basic pharmacology principles to the latest advancements in drug therapy, PHARMACOLOGY FOR HEALTH PROFESSIONALS provides comprehensive coverage of medication that today's student needs to know. Part I, Basic Concepts, discusses pharmacology fundamentals and issues important in today's healthcare settings. These include legal foundations, over-the-counter and alternative medications, principles of drug action, life span aspects of drug therapy, and substance misuse and abuse. Part II, Clinical Aspects, includes drugs classified by body system and drug function. * Body system format facilitates easy access to the content and student learning. * Clearly-written discussions of drug groups and individual drugs provide the most thorough and comprehensive information available. * Key Drugs are thoroughly reviewed, highlighted with an icon, and listed in the chapter openers for quick reference to help students learn the most important drugs in a class. * Chapter 3: "Over-the-Counter and Alternative Medications" addresses timely issues in today's health care settings related to self-medication with traditional or non-traditional therapies. * Chapter 5: "Lifespan Aspects of Drug Therapy" discusses important implications for geriatric and pediatric patients, as well as considerations for pregnant and breast-feeding patients. * Management of Drug Overdose and Pregnancy Safety boxes alert the student to important information and guidelines regarding overdoses for specific medications. * Drug reference tables and over 100 illustrations help explain how drugs work in the body. * Drug name pronunciations teach the student the correct drug name. * Chapter overviews, objectives, key terms with page numbers, summaries, and review questions encourage the student to focus on key content and use the book more effectively as a learning tool. * Serious drug interactions are highlighted to alert the student to those drug interactions that the health care professional must take special care to prevent. * Separate disorders index features alphabetical reference to disorders, conditions and diseases for quick, easy access. Pharmacology Update (e-mail newsletter)

Paramedic Practice Today-Barbara Aehlert 2011 Get the tools you need to succeed! With its conversational, easy-to-read style, Volume 2 of Paramedic Practice Today: Above and Beyond simplifies topics and helps you master National Standard Curriculum objectives and meet the new National Education Standards. It also includes a companion DVD-ROM with step-by-step videos demonstrating key skills in the textbook, along with medical animations and video lectures. Because this book corresponds to the National Registry of EMTs National EMS Practice Analysis, it provides you with the best possible preparation for the National Registry exam. A JB Course Manager resource is available to accompany this title. JB Course Manager is an easy-to-use and fully hosted online learning platform. For additional information, or to make your request, contact your Account Specialist or visit <http://go.jblearning.com/JBCM>.

Pharmacology for the Prehospital Professional-Jeffrey S. Guy 2009 Gain a complete, practical understanding of pharmacology with this unique resource that is now updated to reflect the 2010 emergency cardiovascular care guidelines. Realistic, problem-based clinical scenarios present pharmacology in the most effective context for learning. This textbook includes detailed drug profiles that present essential drug information in a logical context specific to each condition. Problem-based clinical scenarios illustrate the practical relevance of prehospital pharmacology. Detailed drug profiles of 95 commonly used drugs present comprehensive data in a consistent, easy-to-reference format. Full-color drug images familiarize you with medications for quick identification. Medical Math chapter strengthens your dosage calculation skills. Soecial boxes highlight useful, field-tested tips and strategies. Legal Aspects and Risk Management chapter helps you avoid common mistakes made in prehospital care. Study questions reinforce important chapter concepts and test your understanding. Information about commonly prescribed over-the-counter medications and herbal drugs alerts you to important pharmacological treatment considerations. Companion DVD includes 25 video skill demonstrations that guide you step-by-step through vital techniques and procedures and 23 medical animations that offer visual details of anatomy, physiologic processes, and procedures.

Paramedic: Calculations for Medication Administration-American Academy of Orthopaedic Surgeons (AAOS) 2009-10-05 I love math! I hate math! Whether you re a math aficionado or someone who cringes at calculations, Paramedic: Calculations for Medication Administration will make you a master of paramedic math. This textbook teaches the basic principles of mathematics and applies these principles to cases that paramedics face on the job. Chapters cover math rules and principles; fractions, decimals, and percentages; ratios, proportions, and conversion factors; and rate-dependent and weight-based calculations. Practice

problems are scattered throughout the chapters; students practice as they go. Every chapter highlights how paramedics can make use of the math knowledge that they already have in order to solve more complicated problems. Chapters begin with the simple and obvious, and progress to the level used in the field. Important Notice: The digital edition of this book is missing some of the images or content found in the physical edition."

Nancy Caroline's Emergency Care in the Streets, Canadian-American Academy of Orthopaedic Surgeons (AAOS) 2014-08-11 The Paramedic Association of Canada, together with the American Academy of Orthopaedic Surgeons and Jones & Bartlett Learning are proud to continue Dr. Nancy Caroline's legacy by publishing a new edition of the Emergency Care in the Streets, Canadian Edition! Dr. Caroline's work transformed EMS and the entire paramedic field. She created the first national standard curriculum for paramedic training in the United States. She also wrote the first paramedic textbook: Emergency Care in the Streets. Now, the Seventh Edition has been rewritten and revised by Canadian EMS experts specifically for Canadian paramedics, using the National Occupational Competency Profiles.

Clinical Pharmacology Made Ridiculously Simple-James M. Olson 1992 The book blends the essentials of basic pharmacology and clinical pharmacology so that the transition from classroom to hospital is less abrupt. Students report that the book is most effective when lecture notes are written directly on the tables and margins, providing a single, concise guide for finals and the National Boards.

Fundamentals of Paramedic Practice-Sam Willis 2015-01-27 An essential text for the aspiring student paramedic, Fundamentals of Paramedic Practice makes paramedic science and pre-hospital care accessible, straightforward and exciting. It assumes no prior knowledge of the subject, presenting the must-have information that students need about both the theory and practice of what it means to be a paramedic. With extensive full-colour illustrations throughout, as well as activities and scenarios, this user-friendly textbook will support paramedic students throughout their course.

Introduction to Basic Cardiac Dysrhythmias-Sandra Atwood 2011 Written in a clear, easy-to-understand style, Introduction to Basic Cardiac Dysrhythmias, Revised Fourth Edition, uses straightforward language to explain how the heart functions and how to interpret ECGs-essential knowledge that will allow you to anticipate the appropriate treatment for each. Coverage of the 2010 Emergency Cardiovascular Care guidelines are reflected in all topics in the text.

The ECG in Prehospital Emergency Care-William J. Brady 2012-12-06 Now that state of the art equipment can be carried in ambulances, prehospital emergency staff are able to perform an ECG soon after arrival on scene, enabling the EMS provider to gather important diagnostic information that can not only guide prehospital therapy but also direct hospital-based treatment. This book exclusively addresses ECGs for prehospital emergencies, ranging from basic rhythm diagnosis to critical care applications of the electrocardiogram and advanced 12-lead ECG interpretation in the ACS patient. It provides self testing traces covering all these conditions seen in prehospital and hospital-based environments. It includes 200 randomly presented cases mirroring real life situations, with the answers set out separately together with additional invaluable information. Written by highly experienced emergency physicians with EMS qualifications and experience, this text is an ideal learning tool for trainees and fully qualified staff alike, including ground EMS advanced life support providers, aeromedical staff, and inter-facility critical care transport personnel.

Pharmacology for Midwives-Sue Jordan 2010-06-30 The new edition of this ground-breaking text is an essential resource for the management of drugs during pregnancy, labour and the postnatal period. Fully updated in line with current midwifery practice, it includes new chapters on Disorders of the Immune System and Recreational Drugs, and expanded coverage of pain relief.

Emergency Pathophysiology-Samuel M. Galvagno 2013-05-15 This core textbook defines the pathophysiologic mechanisms underlying the disease states commonly encountered by pre-hospital care providers. The chapters are short, clinically focused and specific to the diseases, disorders, and traumatic conditions of critical interest to the EMT and pre-hospital environment. Each chapter identifies the appropriate drugs and management guidelines to be used. Designed to bridge the gap between EMT and the Physician in all emergent or acute conditions, the book includes management cautions and tips are highlighted throughout the presentation. The book is tailored specifically to the curriculum for EMT training.

Pre-hospital Emergency Medicine at a Glance-William H. Seligman 2017-08-31 British Medical Association Book Award Winner - Young Authors Award of the Year 2018 Pre-hospital Emergency Medicine at a Glance offers healthcare students and trainees the essential theoretical knowledge and practical skills relevant to the provision of immediate care outside of the hospital. This concise text provides information on the principles of managing acutely unwell patients with life-threatening injuries at the scene of their accident, all in highly-illustrated double-page spreads to help explain key messages. This brand new title: Looks at the ways in which pre-hospital care is organised and delivered in the United Kingdom Explores some of the most common incidents that pre-hospital care teams attend to, including major trauma as well as cardiac arrests Includes an illustrated introduction to some of the many practical procedures pre-hospital care teams must be able to perform including resuscitative thoracotomy and rapid sequence induction of anaesthesia Takes into account the multi-disciplinary nature of the specialty Features a section on careers within pre-hospital care for doctors and paramedics Pre-hospital Emergency Medicine at a Glance is the perfect companion for medical students and junior doctors interested in learning more about pre-hospital care, as well as for paramedic students and paramedics who practise in the pre-hospital environment every day.

Pharmacology Clear & Simple-Cynthia J Watkins 2018-04-18 Here's the must-have knowledge and guidance you need to gain a solid understanding of pharmacology and the safe administration of medications in one text. A body systems approach to pharmacology with a basic math review and a focus on drug classifications prepare you for administering specific drugs in the clinical setting.

ABC of Prehospital Emergency Medicine-Tim Nutbeam 2013-09-23 "This brand new title in the ABC series provides a comprehensive overview of pre-hospital medicine, including transport, patient assessment, emergency care systems, and pre-hospital interventions. With pre-hospital care being the start of the "trauma chain", the treatment patients receive on-scene as well as en-route can be life-saving, and this new title is invaluable for all staff involved in emergency and pre-hospital medicine"--Provided by publisher.

12-Lead ECG: The Art of Interpretation-Tomas B. Garcia 2013-11-27 Welcome to the most comprehensive resource on 12-Lead ECG interpretation! This all-encompassing, four-color text, updated to the new Second Edition, is designed to make you a fully advanced interpreter of ECGs. Whether you are paramedic, nurse, nurse practitioner, physician assistant, medical student, or physician wanting to learn or brush up on your knowledge of electrocardiography, this book will meet your needs. 12-Lead ECG: The Art of Interpretation, Second Edition takes the complex subject of electrocardiography and presents it in a simple, innovative, 3-level approach. Level 1 provides basic information for those with minimal experience interpreting ECGs. Level 2 provides intermediate information for those with a basic understanding of the principles of electrocardiography. Level 3 provides advanced information for those with some mastery of the subject. The entire text is written in a friendly, easy-to-read tone. Additionally, the text contains real-life, full-size ECG strips that are integrated throughout the text and analyzed in conjunction with the concepts they illustrate.

Pediatric Education for Prehospital Professionals-American Academy of Pediatrics 2006 Pediatric Education for Prehospital Professionals (PEPP) represents a comprehensive source of prehospital medical information for the emergency care of infants and children.

Brain Injury Medicine E-Book-Blessen C. Eapen 2020-07-17 The only review book currently available in this complex field, Brain Injury Medicine: Board Review focuses on the prevention, diagnosis, treatment, and management of individuals with varying severity levels of brain injury. Focused, high-yield content prepares you for success on exams and in practice, with up-to-date coverage of traumatic brain injury (TBI), stroke, CNS neoplasms, anoxic brain injury, and other brain disorders. This unique review tool is ideal for residents, fellows, and practitioners studying or working in the field and preparing to take the brain injury medicine exam. Supports self-assessment and review with 200 board-style questions and explanations. Covers the information you need to know on traumatic brain injury by severity and pattern, neurologic disorders, systemic manifestations, rehabilitation problems and outcomes, and basic science. Includes questions on patient management including patient evaluation and diagnosis, prognosis/risk factors, and applied science. Discusses key topics such as neurodegeneration and dementia; proteomic, genetic, and epigenetic biomarkers in TBI; neuromodulation and neuroprosthetics; and assistive technology. Reviews must-know procedures including acute emergency management and critical care; post-concussion syndrome assessment, management and treatment; diagnostic procedures and electrophysiology; neuroimaging, and brain death criteria. Ensures efficient, effective review with content written by experts in physical medicine and rehabilitation, neurology, and psychiatry and a format that mirrors the board exam outline.

Pre-hospital Obstetric Emergency Training-Advanced Life Support Group (ALSG) 2009-10-30 The Pre-hospital Obstetric Emergency Training (POET) programme provides an introduction to the obstetric patient and the anatomical and physiological changes that occur during pregnancy (including interpretation of patient-held records and rapid assessment of the obstetric patient). It includes clear definitions and describes risk factors, diagnosis and pre-hospital management of significant problems that occur in both early and late pregnancy and the immediate postnatal period. These are all situations that the pre-hospital practitioner may attend. This text and the accompanying integrated on-line and 'hands on' course will help practitioners identify and manage a range of time-critical obstetric emergencies specifically in the pre-hospital setting, and provides a structured examination and assessment technique as an aid to determining what treatments should be provided before transport, as well as when and how urgently transport should be initiated. POET is of relevance to paramedics, ambulance staff, doctors, and nurses working in the emergency pre-hospital setting and to midwives facilitating home births. It will also be of considerable value to medical and nursing practitioners working in Emergency Departments and unscheduled care settings where immediate access to skilled obstetric assistance is not

available.

Fundamentals of Pharmacology-Alan Galbraith 2015-08-12 Your comprehensive and current introduction to the fascinating field of Pharmacology, applied to Nursing and Health! Now fully updated in line with changes in clinical practice, new drugs and research developments. This clear and readable text will guide you through how drugs act within the body coupled with their clinical application. Sections covering social, legal and professional issues are included alongside the scientific principles of pharmacology. Drug groups are considered according to their pharmacological effects, their action on physiological processes and the conditions they are used to treat.

Life and Death Matters-Samuel Adams 2018-12-13 A look at the integrated approach for the first responder. Integrating medical knowledge, personal character attributes, and decision making principles builds a foundation for success. This proven approach develops confidence and professionalism in each and every provider.

Mosby's Paramedic Textbook-Mick J. Sanders 2012 Reflecting the 2010 Emergency Cardiovascular Care guidelines, Mosby's Paramedic Textbook, 4th Edition provides a comprehensive learning tool for both first-time and refresher paramedic students. Coverage includes an overview of key subjects such as pharmacology, airway management, medical disorders, patient assessment, and trauma. ALS patient care skills are presented step by step, both in the book and in online video clips. New to this edition are nine new chapters, many new topics, and 150 new photos. Written by paramedic expert Mick Sanders, Mosby's Paramedic Textbook follows the National EMS Education Standards and offers complete coverage of the National Standard Curriculum (NSC) for the EMT-Paramedic. More than 1,000 illustrations -- including 150 that are NEW -- accurately present different techniques and skills. Chapter openers, objectives and key terms set the stage for learning. Advanced Life Support (ALS) skills are presented step by step and in full color. Critical thinking questions help in understanding concepts and in applying them to patient care. A summary and a list of references in each chapter make review easier. A herbal appendix in the pharmacology chapter provides access to herbal content. Drug monographs on the Evolve companion website include Mosby's Essential Drugs, with instant access to comprehensive, up-to-date information on the medications that are administered by paramedics as well as those most commonly prescribed to patients. NEW! Nine new chapters and thoroughly updated content align the text with the new National EMS Education Standards and reflect the 2010 ECC (Emergency Cardiovascular Care) guidelines. NEW topics include coronary bypass, endocarditis, adult IO infusion, bird flu, new fluid resuscitation guidelines for trauma patients, drugs of abuse (Vicodin, Oxycontin), prediabetes, and management of hypothermia and drowning. NEW Show Me the Evidence boxes show the value and impact of evidence-based research. NEW Did You Know? boxes supplement chapter content with interesting and relevant information. NEW Look Again feature includes cross-references and specific page numbers for easy review of information that was covered in earlier chapters. NEW farm considerations in the Trauma section enhance rural practice with the kinematics of farm machinery incidents. Additional Critical Thinking boxes encourage the application of critical thinking skills to "real-life" EMS. Additional cultural considerations enhance your ability to deal with the issues of multicultural patients. NEW Advanced Practice Procedures in Critical Care appendix provides an overview of specialty procedures for paramedics who work in critical care settings. Revised and updated Emergency Drug Index reflects the new 2010 ECC guidelines with coverage of more than 75 emergency drugs, their dose and administration, onset and duration, indications and contraindications, adverse reactions, and special considerations.

Handbook of Pharmacology and Physiology in Anesthetic Practice-Robert Stoelting 2012-03-28 Designed for quick reference in the operating room or rapid review for board exams, this compact, portable handbook presents the most critical clinical information from the newly updated Fourth Edition of Pharmacology and Physiology in Anesthetic Practice. The handbook is written in easy-to-scan outline format, with more than 250 tables to summarize key points and dosages for use in the operating room. The 60 chapters of the handbook correspond to the chapters in the textbook. so readers can easily refer back to the textbook for more detailed information. A separate drug index is included.

Calculate with Confidence-Deborah C. Gray Morris 2015-09 This Canadian text covers the ratio and proportion, formula, and dimensional analysis methods offering a step-by-step approach to the calculation and administration of drug dosages. With over 2,000 practice problems, Gray Morris focuses on enhancing the learning experience of nursing students at all curricular levels by making content clinically applicable. Calculate with Confidence, First Canadian Edition addresses the increasing responsibility of the nurse in medication administration, prioritizes patient safety, and reflects the current scope of practice. Tips for Clinical Practice boxes call attention to information critical to math calculation and patient safety. Safety Alert boxes highlight issues that may lead to medication errors and empower you to identify actions that must be taken to avoid calculation errors Chapter review problems test all major topics presented in the chapter. Basic math post-test allows you to assess and evaluate your understanding of basic math material covered in Unit 1, directing you to review chapters if you miss any of these test questions. Basic math pre-test review helps you assess your basic math skills and identify areas of strength and weakness in competency of basic math. Comprehensive Test at the end of text offers complete coverage of dosage calculations and conversions, using real-life drug label and situations. SI units and generic/Canadian drug names throughout NCLEX-format questions on Evolve to help prepare for the type of questions you will see on the NCLEX-RN® Examination Real-world examples and practice problems throughout the text. Strong emphasis on safety throughout.

Workbook for Emergency Care-Bob Elling 2011-06 This is a student supplement associated with: Emergency Care, 12/e Daniel J. Limmer EMT-P, Southern Maine Technical College ISBN: 013254380X

The Master Formula-Joseph Jones 1992-01-10

Manual of Clinical Paramedic Procedures-Pete Gregory 2015-06-01 'I can enthusiastically recommend the Manual of Clinical Paramedic Procedures as the book that I wish had been available to me when I was studying to become a paramedic.' From the foreword by Professor Malcolm Woollard, Chair, College of Paramedics; Professor in Pre-hospital and Emergency Care & Director, Pre-hospital, Emergency & Cardiovascular Care Applied Research Group, Coventry University Clinical procedures are a fundamental aspect of care for practitioners working in pre-hospital settings. The Manual of Clinical Paramedic Procedures is written specifically to support the practice of paramedics, ambulance technicians, first responders and volunteer ambulance personnel. It presents up-to-date, evidence-based expert knowledge, enabling paramedics to deliver effective, patient-focused care. This accessible handbook provides a comprehensive exploration of core competencies and skills, looking at topics including Aseptic Technique, Airway Management, Assisted Ventilation, Cardiopulmonary Resuscitation, Defibrillation and External Cardiac Pacing, Observations, Pain Assessment & Management, Respiratory Therapy, Spinal Management and Venepuncture. Each chapter provides the relevant anatomy & physiology, evidence-based rationales for each procedure, and contraindications of use. Key features: The first UK text to explore clinical procedures for paramedics With further reading and illustrations throughout All procedures include the rationale for the action recommended Guides paramedics in the clinical application of evidence-based procedures

Principles of Clinical Pharmacology-Arthur J. Atkinson, Jr. 2011-04-28 This revised second edition covers the pharmacologic principles underlying the individualization of patient therapy and contemporary drug development, focusing on the fundamentals that underlie the clinical use and contemporary development of pharmaceuticals. Authors drawn from academia, the pharmaceutical industry and government agencies cover the spectrum of material, including pharmacokinetic practice questions, covered by the basic science section of the certifying examination offered by the American Board of Clinical Pharmacology. This unique reference is recommended by the Board as a study text and includes modules on drug discovery and development to assist students as well as practicing pharmacologists. Unique breadth of coverage ranging from drug discovery and development to individualization and quality assessment of drug therapy Unusual cohesive of presentation that stems from author participation in an ongoing popular NIH course Instructive linkage of pharmacokinetic theory and applications with provision of sample problems for self-study Wide-ranging perspective of authors drawn from the ranks of Federal agencies, academia and the pharmaceutical industry Expanded coverage of pharmacogenetics Expanded coverage of drug transporters and their role in interactions Inclusion of new material on enzyme induction mechanisms in chapters on drug metabolism and drug interactions A new chapter on drug discovery that focuses on oncologic agents Inclusion of therapeutic antibodies in chapter on biotechnology products

Pain Management in Special Circumstances-Nabil Shallik 2018-11-21 Like management of disease, management of pain is as old as the human race. When patients come to us with their pain, they present us with a wonderful opportunity: the chance to understand them, to understand how their pain is affecting their lives, the challenge of discovering what is causing their pain, and finally the opportunity to prescribe medications and lifestyle changes to help them gain relief from their pain. It is hoped that this book will provide the latest evidence-based updates on pain management in special circumstances and will serve as a ready reference for those embarking on pain management. Its intent is not to be a heavy book that can only be stored on a bookshelf, but a pocket-sized reference that can be carried, be easily navigated, and be available whenever a conceptual gap compromises pain physicians and their ability to treat their patients.

The 12-lead ECG in Acute Coronary Syndromes-Tim Phalen 2005 Using an easy-to-understand, step-by-step approach, this full-color text describes how to interpret 12-lead ECGs and recognize Acute Coronary Syndromes. It includes the latest research, along with the 2000 guidelines for emergency cardiovascular care. New case studies, illustrations, tables, and over 100 12-lead ECGs offer readers the opportunity to apply their knowledge. Its need-to-know information helps students become proficient in the fundamentals of Acute Coronary Syndrome recognition and management, for both hospital and prehospital environments. Instructor's Electronic Resource (CD-ROM) is also available. Please contact your Sales Representative for more information. The Practice ECGs

chapter contains 70 12-lead tracings to help students master 12-lead interpretation. Key Terms are bolded to emphasize their introduction. Objectives open each chapter, setting the stage for student learning. Information is updated throughout, including 50 new 12-lead practice ECG tracings. Key Point! boxes offer essential information. Did You Know? boxes provide additional information and the "big picture." Think About It! boxes offer valuable insights. Three new chapters include Introduction to the 12-lead ECG, Acute Coronary Syndromes, and Case Studies. Back-of-book companion CD-ROM offers clear, colorful visuals to reinforce the text and help students learn how to interpret 12-lead ECGs. Two case studies offer valuable learning exercises, and 130 rhythm strips on PowerPoint consist of 100 3-lead ECGs and 30 12-lead ECGs. Pocket reference includes the book's highlights, plus additional pearls of insight, in a handy resource. Packaged FREE with text! Heart rate calculator ruler is included FREE on inside front cover. New, well-known co-author Barbara Aehlert adds authority and expertise to this new edition. Case studies, pertinent to any clinical setting, promote early recognition and treatment of problems. Instructor's Electronic Resource (CD-ROM) for faculty use.

Human Factors in Paramedic Practice-Gary Rutherford 2020-09 Human factors is a scientific discipline which is used to understand the interacting elements and design of a complex system, aimed at improving system performance and optimising human well-being. This book brings together a range of specialist authors to explore some of the key concepts of human factors related to the field of paramedic practice. The system elements of paramedic practice can include the patient, the paramedic and their colleagues, the environment, the equipment, the tasks, and the processes and procedures of the organisation. The relationships between these components are explored in detail through chapters which cover 'human error', systems thinking, human-centred design, interaction with the patient, non-technical skills of individuals and teams, well-being of the paramedic, safety culture and learning from events. This helpful and informative guide provides frontline paramedics and ambulance clinicians with practical advice and knowledge of human factors that will be helpful in supporting safe and effective practice for all involved. It will also be of interest to pre-hospital care professionals who are involved in education, learning from events, procurement and influencing safety culture. Above all, it shows how an understanding and application of human factors principles can enhance system performance and well-being, and ultimately lead to safer patient care.

Oxford Handbook of Clinical Specialties - Mini Edition-Andrew Baldwin 2016-11-24 Covering the core clinical specialties, the Oxford Handbook of Clinical Specialties contains a comprehensive chapter on each of the clinical areas you will encounter through your medical school and Foundation Programme rotations. Now updated with the latest guidelines, and developed by a new and trusted author team who have contemporary experience of life on the wards, this unique resource presents the content in a concise and logical way, giving clear advice on clinical management and offering insight into holistic care. Packed full of high-quality illustrations, boxes, tables, and classifications, this handbook is ideal for use at direct point of care, whether on the ward or in the community, and for study and revision. Each chapter is easy to read and filled with digestible information, with features including ribbons to mark your most-used pages and mnemonics to help you memorize and retain key facts, while quotes from patients help the reader understand each problem better, enhancing the doctor/patient relationship. With reassuring and friendly advice throughout, this is the ultimate guide for every medical student and junior doctor for each clinical placement, and as a revision tool. This tenth edition of the Oxford Handbook of Clinical Specialties remains the perfect companion to the Oxford Handbook of Clinical Medicine, together encompassing the entire spectrum of clinical medicine and helping you to become the doctor you want to be.

Prehospital Emergency Care-Joseph J. Mistovich 2013 Prehospital Emergency Care , Tenth Edition, meets the National EMS Education Standards and is the most complete resource for EMT-B training. This best-selling, student-friendly book contains clear, step-by-step explanations with comprehensive, stimulating, and challenging material that prepares users for real on-the-job situations. Featuring case studies, state-of-the-art scans, algorithms, protocols, and the inclusion of areas above and beyond the DOT protocols, the tenth edition effectively prepares students for success. The assessment and emergency care sections provide the most up-to-date strategies for providing competent care; and the enrichment sections further enhance students' ability to assess and manage ill and injured patients in prehospital environments. The text's table of contents is organized to follow the National EMS Educational Standards.

Intravenous Therapy for Prehospital Providers-Christopher M. Andolsek 2001 Intravenous (IV) Therapy is one of the most invasive procedures handled in the prehospital environment. Proficiency in IV therapy technique is important for most procedures required in advanced life support. Intravenous Therapy for Prehospital Providers prepares emergency medical personnel for the job of administering or assisting with the administration of IV therapy. This book is part of the EMS Continuing Education Series. Written to teach prehospital professionals about IV therapy, important topics covered include principles of fluid balance, IV techniques and administration, infection control, causes and treatment of shock, and altered level of consciousness. A section on practice calculations explains step-by-step how to calculate IV fluid dosage. Age-specific considerations (pediatric and geriatric) and legal issues are covered in their own chapters. The appendices include IV starts log sheets and patient report forms that can be used by IV administrators on the job. This book is part of the EMS Continuing Education Series. As an EMS provider, you know that your education does not stop when you finish your initial training. The things you learn in the field and in continuing education classes give you the extra skills and knowledge to make you the best provider you can be. The EMS Continuing Education Series was created to help you take that extra step toward not just being a great provider, but an outstanding one.

The Ultimate Guide To Choosing a Medical Specialty-Brian Freeman 2004-01-09 The first medical specialty selection guide written by residents for students! Provides an inside look at the issues surrounding medical specialty selection, blending first-hand knowledge with useful facts and statistics, such as salary information, employment data, and match statistics. Focuses on all the major specialties and features firsthand portrayals of each by current residents. Also includes a guide to personality characteristics that are predominate with practitioners of each specialty. "A terrific mixture of objective information as well as factual data make this book an easy, informative, and interesting read." --Review from a 4th year Medical Student

Chemical Warfare Agents-Brian J. Lukey 2019-04-11 The first edition of this book, Chemical Warfare Agents: Toxicity at Low Levels, was published just prior to the terrorist attacks of September 11, 2001. The second edition titled, Chemical Warfare Agents: Pharmacology, Toxicology, and Therapeutics, included new epidemiological and clinical studies of exposed or potentially exposed populations; new treatment concepts and products; improved organization of the national response apparatus addressing the potential for CWA terrorism; and improved diagnostic tests that enable rapid diagnosis and treatment. Since the second edition, the chemical warfare agent community has worked hard to advance research for protection and treatment and develop/improve response approaches for individuals and definitive care. Consequently, in addition to updating previous chapters, Chemical Warfare Agents: Biomedical and Psychological Effects, Medical Countermeasures, and Emergency Response, Third Edition features several new chapters that address the Syrian War, chemical destruction, the Organisation for the Prohibition of Chemical Weapons, biomarkers for chemical warfare agent exposure, field sensors, aircraft decontamination, lung/human on a chip, chemical warfare response decision making, and other research advancements. Features: Describes the newest medical interventions, and the latest technologies deployed in the field, as well as developments in the international response to CW usage highlighting recent events in the Middle East Discusses the latest in organizational/interagency partitioning in terms of responsibilities for emergency response, not just in the United States but at the international level—whether prevention, mitigation, medical care, reclamation, or medico-legal aspects of such response Contains the most current research from bench-level experts The third edition contains the most up-to-date and comprehensive coverage of the question of chemical warfare agent employment on the battlefield or in terrorism. Edited by workers that have been in the field for 35+ years, it remains faithful to the scientific "constants," while evaluating and crediting the advances by the industry that have made us safer.

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