# PAMO

Pain Management & Dosing Guide™

\*See disclaimer, desages and epied conversions cannot account for differences in genetics and pharmacekinetics.

Pain Assessment and Management Initiative

pami.emergency.med.jax.ufl.edu/

November 2020



# Pain Management and Dosing Guide Includes:

- Stepwise Approach to Pain Management and Procedural Sedation
- Non-opioid Analgesics, Opioid Prescribing and Equianalgesic Chart, and Opioid Cross-Sensitivities
- Intranaval and Nebulized Medications.
- Procedural Sedation and Analgesia (PSA) Medications
- Pain Management, Discharge and Patient Safety Considerations
- Nerve Blocks, Neuropathic and Muscle Relaxer Medications
- Ketamine Indications and Dosing
- Topical and Transdermal Medications
- Nonpharmacologic and other Interventions

Take a video tour of the dosing guide!



 Monitoring & Discharge Checkpoint Joint Commission standards, facility policies, reassessments, and discharge planning.

# 6. Management Checkpoint

Choose your "ingredients" for pharmacologic and nonpharmacologic multimodal "recipe."

# 5. Patient Assessment Checkpoint

Review patient's risk factors and history.

# 4. Facility Checkpoint

Type of staffing and setting, team experience, patient volume, etc.

# 3. Family Dynamic Checkpoint

Who is caring for the patient? What are the family dynamics?

# 2. Developmental/Cognitive Checkpoint

What is the patient's development stage? Language barrier or nonverbal patient?

# 1. Situation Checkpoint

What are you trying to accomplish? Analgesia, anxiolysis, sedation, or procedure. Funding provided by Florids Medical Malpractics Joint Underwriting Association (FMMSJA) and the University of Florida College of Redistre Decisionville, Department of Streetency Medicine

# Pain Management In Emergency Medicine

Paul M. Paris, Ronald D. Stewart

#### **Pain Management In Emergency Medicine:**

Procedural Sedation and Pain Management Rahim Valani, Kaushal H. Shah, 2012-10-16 Procedural sedation is commonly used in the emergency department for patients undergoing painful procedures such as fracture reduction or electrical cardioversion. The fourth volume in the Essential Emergency Medicine series Essential Emergency Procedural Sedation and Pain Management provides a unique interprofessional perspective on delivering procedural sedation and analgesia. The book is designed for staff physicians residents nurses professionals and allied health care workers Although procedural sedation is commonly employed and recognized as a required skill set for emergency physicians there is a lack of appropriate education in the area and this book bridges gaps in training especially in the interprofessional team setting Pain Management and Sedation: Emergency Department Management Sharon Mace, James Ducharme, Michael F. Murphy, 2006. The only reference on managing pain in the emergency room this groundbreaking resource is the first book to provide an authoritative clinical reference on managing acute pain and chronic pain problems in the ER Includes drug and dosage tables throughout with details on drug therapeutics regulations drug seeking patients legal aspects of pain management and sedation and more

Emergency Medicine Gordian W. O. Fulde, 2009 The ultimate emergency medicine textbook from the renowned Professor Gordian Fulde now in a new edition Emergency Medicine 6e presents evidence based clinical management and treatment advice for emergency medicine students and practitioners in Australasia The vast range of topics include paediatric geriatric gynaecology psychiatric dental rural and Indigenous presentations ensuring readers are well prepared for any eventuality in the Emergency Department This outstanding text combines expertise and experience with fully up to date content It is authored by Professor Gordian Fulde Emergency Department director at Sydney's St Vincent's Hospital with contributions from Dr Sascha Fulde and over 60 other notable emergency medicine clinicians Readers will gain a solid understanding of effective procedural and management skills in the ED Practical tips relate to patient transport and retrieval seriously ill patients advanced nursing roles general practitioners working with IT administration legal matters governance and quality care and interns and students in the emergency department The ideal complement to hands on emergency medicine training this new edition of Emergency Medicine also prepares readers to apply key emergency medicine skills to unique incidents such as mass casualty and chemical biological and radiological hazard contingencies Topics included in this edition of Emergency Medicine include securing the airway resuscitation arrhythmia management pain management imaging dermatology trauma poisoning envenomation overdose Coverage of important controversies with evidence based recommendations Editor comments contained in relevant chapters to provide clinical tips and advice for practice Increased coverage of topical issues such as deep vein thrombosis economy class syndrome and street drugs Practical rapid reference appendix Detailed glossary and index The Quick Reference Guide is updated and included in this book It is also made

available as an app Updating all chapters particularly toxicology IT Paediatrics New resuscitation guidelines Cardiopulmonary Resuscitation External Automated Defibrillation in BLS Compressions Breathing Airway Unconsciousness Priorities in an Emergency Principles and Format for Developing Guidelines all revised 12 2010 following ILCOR More comprehensive content for Indigenous and Rural Emergencies chapter Moderate repetition arising from so many contributors The CT Brain and C spine Rules have been added to the Ouick Reference Guide **Compact Clinical Guide to** Critical Care, Trauma, and Emergency Pain Management Liza Marmo, Yvonne D'Arcy, 2013-02-22 This is an excellent resource for nurses practicing in critical care units emergency departments and trauma units as well as for midlevel providers who manage these patients Doody's Medical Reviews Compact ClinicalGuide to Critical Care Trauma and EmergencyPain Management is aconcise easy to readresource for nurses whowant to reinforce theirfoundational knowledgein this area Critical Care Nurse This addition to Springer Publishing's Compact Clinical Guide to Pain Management Series presents evidence based national guidelines and treatment algorithms for managing pain in patients in the critical care trauma and emergency room settings Such patients often present with co morbid and complex conditions which often make accurate pain assessment and treatment a challenge In an easy to use bulleted format the book provides the most current information on assessing and managing pain in a variety of critical conditions Both pharmacological management therapies and non pharmacologic interventions are included along with information about pain assessment screening tools for special populations Topics covered include the basics of pain physiology in critical emergency and operative care patients assessing pain in the critically ill medications and advanced pain management techniques useful with this population and commonly occurring conditions in the various care environments Also addressed are the management of particularly challenging patients elderly obese and conditions chronic pain renal failure chemically dependent patients and burn patients The book contains tables that efficiently summarize information and figures to illustrate key concepts Pain rating scales and a helpful equi analysic conversion table are included in the Appendix Key Features Provides evidence based information on treating pain in critical care trauma and emergency room patients for all practice levels Organized for quick access to pertinent clinical information on treatment options and pain types Provides cross referenced indexing and easy to use assessment and screening tools Includes information for treating especially challenging and difficult to manage patient pain scenarios Pain Management Viduranga Yashasvi Waisundara, Ines Banjari, Jelena Balkić, 2021-03-24 Pain is a health issue that warrants significant attention and has an immense impact on global healthcare systems This book focuses on pain particularly on its management by providing fresh perspectives and novel insights while at the same time examining related topics that have often been overlooked Given that there is no permanent cure for pain the book primarily serves as an update to the existing knowledge Topics covered include the biochemical pathways of pain as well as pharmaceutical and clinical management of pain to ensure health and wellbeing Advances in Procedural Pain Management in Emergency

Medicine Maybritt Kuypers, 2023 This thesis describes the advances of procedural pain management in Emergency Medicine in the Netherlands Emergency Physicians have played an instrumental role in the introduction of procedural sedation and analgesia PSA in the emergency department In the first part of this thesis the safety efficacy and costs of PSA performed by Emergency Physicians was assessed This thesis demonstrates the capability of Emergency Physicians to perform safe and effective PSA in adult and pediatric patients The presence of skilled Emergency Physicians has improved the quality availability and costs of advanced pain treatment in patients who need to undergo painful procedures for example the reduction of a dislocated joint or fracture in the emergency department In the second part the implementation of PSA was evaluated by assessing the skills of the providers guideline adherence and availability of PSA in emergency departments staffed with or without Emergency Physicians This research revealed that the availability of PSA and adherence to PSA guidelines was not up to par in the departments which had no Emergency Physicians on staff In the last part of this thesis new strategies for procedural pain management in the emergency department were explored Peripheral nerve blocks performed by Emergency Physicians were compared to PSA on efficacy safety and length of stay in the emergency department Nerve blocks appear to be a promising technique with the important advantage of a reduced length of stay in the emergency department Finally a novel audiovisual distraction tool was evaluated for use during wrist fracture reductions in adult emergency patients A clear advantage on pain or anxiety reduction was not found However more research is needed to better assess its value in distinct emergency patient categories In conclusion Emergency Physicians have an important responsibility to ensure high quality and safe analgesia in the emergency department They also have the duty to keep pushing the frontier on pain management in Emergency Medicine with evidence based research Introduction to **Emergency Medicine** Elizabeth Mitchell, Ron Medzon, 2005-01-01 This new text covers basic principles commonly found in the introduction to emergency medicine course Comprised of five sections diagnosis and management is presented from an emergency medicine perspective Includes 75 case based clinical vignettes to help students prepare for the course and clerkship as well as the USMLE The common complaint section features a template covering differential history and physical pathophysiology and treatment of the given topics Illustrations and line drawings supplement the text Curricula objectives from the Society for Academic Emergency Medicine SAEM and the American College of Emergency Physicians ACEP are addressed Clinical Pain Management Second Edition: Acute Pain Pamela Macintyre, David Rowbotham, Suellen Walker, 2008-09-26 Acute Pain brings coverage of this diverse area together in a single comprehensive clinical reference from the basic mechanisms underlying the development of acute pain to the various treatments that can be applied to control it in different clinical settings Much expanded in this second edition the volume reflects the huge advances that continue to be made in acute pain management Part One examines the basic aspects of acute pain and its management including applied physiology and development neurobiology the drugs commonly used in therapy assessment measurement and history taking

post operative pain management and its relationship to outcome and preventive analgesia Part Two reviews the techniques used for the management of acute pain Methods of drug delivery and non pharmacological treatments including psychological therapies in adults and children and transcutaneous electrical nerve stimulation are considered here Part Three looks at the many clinical situations in which acute pain can arise and the methods of treatment that may be suitable in each circumstance whether the patient is young or old has pain due to surgery trauma medical illness or childbirth or is undergoing rehabilitation Issues specific to the management of acute pain in the developing world are also covered here

<u>Clinical Pain Management : Acute Pain</u> Pamela Macintyre, David Rowbotham, Suellen Walker, 2008-09-26 Acute Pain brings coverage of this diverse area together in a single comprehensive clinical reference from the basic mechanisms underlying the development of acute pain to the various treatments that can be applied to control it in different clinical settings Much expanded in this second edition the volume reflects the huge advances that contin

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