

# Empirical First Line Antibiotic Therapy for Adult Patients

Guidance available via NHS Lanarkshire Guideline App

**NOTE: All adult patients require oral and intravenous antibiotic therapy. Consideration should be given to the need for intravenous antibiotic therapy in patients with severe infections.**

**NOTE: In severe infections, consider the need for intravenous antibiotic therapy in patients with severe infections.**

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**Antibiotic Resistance**

Antibiotic resistance is a major public health problem. It occurs when bacteria develop the ability to resist the effects of antibiotics, making the infections they cause harder to treat.

Antibiotic resistance can be caused by:

- Overuse of antibiotics
- Incorrect use of antibiotics
- Antibiotic resistance genes

Antibiotic resistance can be prevented by:

- Using antibiotics only when necessary
- Using the correct dose and duration of treatment
- Not sharing antibiotics

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**IN THERAPY WITHIN ONE HOUR IS REQUIRED FOR SEVERE INFECTIONS**

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**Lower Respiratory Tract Infections**

**Community Acquired Pneumonia (CAP)**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Hospital Acquired Pneumonia (HAP)**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Aspiration Pneumonia**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Empirical First Line Antibiotic Therapy for Adult Patients**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Urinary Tract Infections**

**Simple UTI (CUTI)**

Nitrofurantoin 50mg b.i.d. x 5 days

**Complicated UTI**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Brain/Soft Tissue Infections**

**Brain Abscess**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Soft Tissue Infection**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Cardiovascular Infections**

**Endocarditis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Pericarditis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Gastrointestinal Infections**

**Gastritis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Peptic Ulcer**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Bone Joint Infections**

**Septic Arthritis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Osteomyelitis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**CNS Infections**

**meningitis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Encephalitis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Respiratory Infections**

**Acute Bronchitis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

**Chronic Bronchitis**

Amoxicillin 1g t.i.d. x 7 days

Clarithromycin 500mg b.i.d. x 7 days

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# Decisions In Adult Acute Care

**Marquis D. Foreman, Terry T.  
Fulmer, Koen Milisen**



## **Decisions In Adult Acute Care:**

Decisions in Adult Acute Care Philip H. Goodman, Kenneth J. Kurtz, 1989 1E 1992 ICD 9 **Shared Decision Making in Adult Critical Care** Matthew N. Jaffa, David Y. Hwang, 2021-06-17 An extensive introduction to patient centeredness in critical care through case based examples of shared decision making *Critical Care Nursing of Older Adults* Marquis D. Foreman, Terry T. Fulmer, Koen Milisen, 2009-11-16 2010 AJN Book of the Year Award Winner in Critical Care Emergency Nursing Designated a Doody's Core Title This evidence based book is an excellent reference for ensuring high quality management of the elderly and of their particular needs in the critical care setting AJN This book's contents run the gamut of elder problems and care physiology pharmacology nutrition restraints substance abuse it is a compendium that can be used as a text or a resource Claire M Fagin PhD RN FAAN From the Foreword This book is an evidence based best practices guide that directs the bedside care of critically ill elders The book serves as a reference on major clinical issues for nurses working at the forefront of care from nurses in critical care and step down units to those in trauma and emergency departments Nurse educators at all degree levels will also find this book to be useful as a textbook and resource for students The authors provide evidence based practical guidelines for both the complex clinical and management aspects of care The book offers comprehensive coverage of all the issues caregivers need to be up to date on including the standards of practice for geriatric care new technologies pharmacotherapy pain management issues ethical issues and much more Key topics discussed Strategies for patient safety for older patients in the intensive care setting Family responses to critical care of the older adult Infection sepsis and immune function Understanding and managing sleep disorders in older patients in the ICU Heart failure in the critically ill older patient Substance abuse and withdrawal in elderly patients Decision Making in Emergency Critical Care John E. Arbo, Stephen J. Ruoss, Geoffrey K. Lighthall, Michael P. Jones, 2014-08-25 Looking for a brief but authoritative resource to help you manage the types of complex cardiac pulmonary and neurological emergencies you encounter as a resident or attending emergency room physician Look no further than Decision Making in Emergency Critical Care An Evidence Based Handbook This portable guide to rational clinical decision making in the challenging and changing world of emergency critical care provides in every chapter a streamlined review of a common problem in critical care medicine along with evidence based guidelines and summary tables of landmark literature Features Prepare for effective critical care practice in the emergency room's often chaotic and resource limited environment with expert guidance from fellows and attending physicians in the fields of emergency medicine pulmonary and critical care medicine cardiology gastroenterology and neurocritical care Master critical care fundamentals as experts guide you through the initial resuscitation and the continued management of critical care patients during their first 24 hours of intensive care Confidently make sustained data driven decisions for the critically ill patient using expert information on everything from hemodynamic monitoring and critical care ultrasonography to sepsis and septic shock to the ED ICU transfer of care **Older Adults in**

**Critical Care, An Issue of Critical Care Nursing Clinics of North America, E-Book** Deborah Garbee, 2023-10-16 In this issue of Critical Care Nursing Clinics guest editor Deborah Garbee brings her considerable expertise to the topic of Older Adults in Critical Care Top experts in the field provide readers with the latest on Delirium in Older Adults Sepsis Across the Continuum Progressive Supranuclear Palsy and more Contains 14 relevant practice oriented topics including Improving Outcomes in Cardiovascular Geriatric Patients Related to Polypharmacy Biofilm and Hospital Acquired Infections in Older Adults Implementation of Acute Care for Elders ACE and Nurses Improving Care for Healthsystem Elders NICHE in Critical Care and more Provides in depth clinical reviews on older adults in critical care offering actionable insights for critical care nurses Presents the latest information on this timely focused topic under the leadership of experienced editors in the field Authors synthesize and distill the latest research and practice guidelines to create clinically significant topic based reviews

**Acute Care Oncology Nursing** Cynthia C. Chernecky, Kathleen Murphy-Ende, 2008-04-24 As the likely first responder in an emergency you need quick access to essential information on the potential complications of many different cancer types and treatments The new edition of this trusted resource provides up to date information on the pathophysiology complications risks treatment approaches prognosis assessment findings and nursing and medical interventions for a wide range of cancers It also offers valuable information to help you fulfill your role as care coordinator and patient advocate including client education guidelines discharge procedures and strategies for helping the client and family deal with the impact of the disease s progression A consistent format throughout helps you quickly find the information you need no matter what the topic This indispensable reference is written and reviewed by both oncology and acute care nurses ensuring accuracy currency and clinical relevance Coverage of each cancer includes pathophysiologic mechanisms epidemiology and etiology risk profile prognosis professional assessment criteria PAC nursing care and treatment evidence based practice update patient teaching nursing diagnoses or DSM IV evaluation and desired outcomes and discharge planning with follow up care where needed The latest prognosis statistics give you a realistic picture of the survival possibilities for your patients so you can provide the most appropriate nursing care and patient education Multiple choice review questions with answers and rationales at the end of each chapter help reinforce your understanding of key concepts and prepare you for certification examinations Special boxes highlight pediatric specific care considerations for working with children Six new chapters Biliary and Pancreatic Obstruction Depression and Cognitive Dysfunction Dyspnea and Airway Obstruction GI Obstruction Heart Failure and Spiritual Distress keep you up to date with the latest advances in oncology nursing Evidence based rationales in the nursing interventions help you apply the latest research findings to actual practice Each chapter includes a new section on pathophysiology to help you understand the physiologic processes associated with each oncologic complication

**Introduction to Critical Care Nursing - E-Book** Mary Lou Sole, Deborah Goldenberg Klein, Marthe J. Moseley, 2016-08-08 NEW UPDATED content is included throughout especially in topics such as nutrition feeding tube

connectors the new PAD guidelines for pain management Rapid Response Teams sepsis guidelines and valvular disorders and TAVR NEW Critical Reasoning Activities are interspersed throughout the text to better promote development of clinical nursing judgment NEW Universal Collaborative Care Plan for the Critically Ill Patient addresses important aspects of collaborative interprofessional care that apply to virtually all critically ill patients NEW Increased coverage of infection control addresses the QSEN safety competency and helps provide patient protection against the growing threat of drug resistant infections NEW Coverage of cardiac assistive devices includes ECMO and other small portable bedside cardiac assistive devices NEW Refocused hemodynamic monitoring content emphasizes the noninvasive methods of hemodynamic monitoring that are becoming more prominent NEW Increased coverage of palliative care supports the book's strong focus on end of life care Revised Organ Donation chapter is refocused to help nurses provide holistic care to families facing difficult end of life choices regarding organ donation rather than on the details of transplantation procedures NEW Patient Problems focus shifts the book's emphasis from nursing diagnoses to the interprofessional care of patient problems

Accident & Emergency Brian Dolan, Lynda Holt, 2008 This edition shows nurses why they are doing what they do rather than just how for a range of A E conditions It has sections that cover potential problem areas such as paediatrics and treating the mentally ill A E patient A basic A P section is included so even the most experienced nurse can refresh their knowledge

**Federal Trade Commission Decisions** United States. Federal Trade Commission, 1986      **Critical Care Nursing - E-Book** Linda D. Urden, Kathleen M. Stacy, Mary E. Lough, 2021-02-18 Winner of the 2nd place American Journal of Nursing Book of the Year award in emergency critical care nursing for 2021 Selected for Doody's Core Titles 2024 with Essential Purchase designation in Critical Care Prepare for success in today's high acuity progressive and critical care settings Critical Care Nursing Diagnosis and Management 9th Edition helps you understand and apply critical care nursing principles and concepts to clinical assessment diagnostic procedures and therapeutic management Known for its comprehensive coverage this leading textbook uses a logical body systems organization to address the care of patients with physiological alterations New to this edition are illustrated Patient Centered Critical Care features aimed at humanizing the ICU as well as Next Generation NCLEX Exam style case studies to help you further develop your clinical judgment skills and prepare for the latest nursing licensure exam Also ideal for CCRN and PCCN exam preparation this book is a one stop resource on the concepts and skills required for critical care nursing Time tested high quality content addresses all aspects of today's high acuity progressive and critical care nursing Consistent organization within each body system unit provides an efficient framework for learning for CCRN and PCCN certification preparation and for reference in clinical practice Comprehensive evidence based content is highly referenced and includes internet resources for further research and study Enhanced Quality and Safety Education for Nurses QSEN integration links text content to QSEN competencies through the addition of QSEN related questions in case studies QSEN labeled features and boxes QSEN content icons and highlighted QSEN information

**Emergency Care and Transportation of the Sick and Injured** Benjamin Gulli, Joseph A. Ciatolla, Leaugeay Barnes, 2011 In 1971 the American Academy of Orthopaedic Surgeons AAOS published the first edition of Emergency Care and Transportation of the Sick and Injured and created the backbone of EMS education Now the Tenth Edition of this gold standard training program raises the bar even higher with its world class content and instructional resources that meet the diverse needs of today's educators and students Based on the new National EMS Education Standards the Tenth Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking The experienced author team and AAOS medical editors have transformed the Education Standards into a training program that reflects current trends in prehospital medicine and best practices New cognitive and didactic material is presented along with new skills and features to create a robust and innovative training solution for your course that will engage student's minds Interactive resources including online testing and assessment materials learning management system and eLearning student resources allow you the flexibility to build the course that works best for you and your students The Tenth Edition is the only way to prepare EMT students for the challenges they will face in the field

**Emergency Care and Transportation of the Sick and Injured** American Academy of Orthopaedic Surgeons (AAOS), 2013-04-09 In 1971 the American Academy of Orthopaedic Surgeons AAOS published the first edition of Emergency Care and Transportation of the Sick and Injured and created the backbone of EMS education Now the Tenth Edition of this gold standard training program raises the bar even higher with its world class content and instructional resources that meet the diverse needs of today's educators and students Based on the new National EMS Education Standards the Tenth Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking The experienced author team and AAOS medical editors have transformed the Education Standards into a training program that reflects current trends in prehospital medicine and best practices New cognitive and didactic material is presented along with new skills and features to create a robust and innovative training solution for your course that will engage students' minds

**Manual of Definitive Surgical Trauma Care** Kenneth D Boffard, Jonathan White, 2024-06-07 Developed for the International Association for Trauma Surgery and Intensive Care IATSIC the Manual of Definitive Surgical Trauma Care 6e is ideal for training all surgeons and anaesthetists who manage trauma on an infrequent basis The Manual is updated every 4 years and reflects the most recent developments in patient management based on new evidence based information Its focus is on the importance of the multidisciplinary care of the trauma surgical patient This sixth edition has evolved and the all important section on the Non Technical Skills which are required has been expanded A significant number of the original guidelines in trauma have been archived as they are no longer pertinent or have been superseded The increasing and occasionally harmful role of non operative management NOM has been recognized The Military Environments and Austere Environments chapters have been

substantially revised to reflect current multinational combat experience and broadened to reflect modern asymmetrical conflicts and the increased need for humanitarian intervention including military peacekeeping in which only one side wears a uniform. Military weapons are used in major cities against the civilian population. More recently urban non military populations have been the targets and victims of heavy military combat including use of ultra sophisticated weaponry. Each situation carries its own spectrum of injury and responsibility of care. Including website access to a selection of videos which provide an anatomic overview of surgical approaches this resource provides a gold standard educational and training resource to help prepare the relatively fully trained surgeon to manage the difficult injuries that might present to a major trauma centre.

Critical Care Nursing of Older Adults Marquis D. Foreman PhD, RN, FAAN, Terry T. Fulmer PhD, RN, FAAN, Dr. Koen Milisen PhD, RN, 2009-11-16 2010 AJN Book of the Year Award Winner in Critical Care Emergency Nursing Designated a Doody's Core Title. This evidence based book is an excellent reference for ensuring high quality management of the elderly and of their particular needs in the critical care setting. AJN. This book's contents run the gamut of elder problems and care: physiology, pharmacology, nutrition, restraints, substance abuse. It is a compendium that can be used as a text or a resource. Claire M Fagin PhD, RN, FAAN. From the Foreword: This book is an evidence based best practices guide that directs the bedside care of critically ill elders. The book serves as a reference on major clinical issues for nurses working at the forefront of care from nurses in critical care and step down units to those in trauma and emergency departments. Nurse educators at all degree levels will also find this book to be useful as a textbook and resource for students. The authors provide evidence based practical guidelines for both the complex clinical and management aspects of care. The book offers comprehensive coverage of all the issues caregivers need to be up to date on including the standards of practice for geriatric care, new technologies, pharmacotherapy, pain management issues, ethical issues and much more. Key topics discussed: Strategies for patient safety for older patients in the intensive care setting, Family responses to critical care of the older adult, Infection, sepsis and immune function, Understanding and managing sleep disorders in older patients in the ICU, Heart failure in the critically ill older patient, Substance abuse and withdrawal in elderly patients.

**ARDS Acute Respiratory Distress in Adults** Timothy W. Evans, C. Haslett, 2013-11-11. Great progress has been made since the first description of the acute respiratory distress syndrome by the Denver group in 1967. Lancet. Although we introduced the term adult respiratory distress syndrome in our second and more detailed description of the syndrome in 1971, this was probably a mistake for the simple reason that children also suffer the same syndrome following acute lung insults. Today the syndrome of acute respiratory distress in adults, ARDS, is recognized as a worldwide problem but the prevalence of disease varies in different parts of the world. A huge amount of research has focused on the mechanisms of acute lung injury and yet the exact sequence of events and mediators in inflammatory cascade which result in acute respiratory failure from ARDS is not known but many possibilities exist. The definition of ARDS has been gradually modified in recent years and investigators around the world are

now collaborating in order to establish more uniform concepts in identification risk factors and mechanisms of lung injury which someday will result in improved approaches to management Already at least some centers are showing improved outcomes in ARDS achieving an approximate 60% survival rate In the past most large series documented only about a 40% survivability taking all causes of ARDS This apparent progress is likely attributable to more meticulous and disciplined care than any specific pharmacologic attack on the basic mechanism resulting in ARDS

**Advanced Emergency Care and Transportation of the Sick and Injured**, 2012 The foundation for EMS education was established in 1971 when the American Academy of Orthopaedic Surgeons AAOS authored the first emergency medical technician textbook Since then the AAOS has set the gold standard for EMS training programs with the Orange Book Series This Second Edition based on Intermediate Emergency Care and Transportation of the Sick and Injured raises the bar even higher with world class medical content and innovative instructional resources that meet the diverse needs of today's educators and students Based on the new National EMS Education Standards for Advanced Emergency Medical Technician the Second Edition offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking New cognitive and didactic material is presented along with new skills and features to create an innovative AEMT training solution Topics including advanced pathophysiology acid base balance fluids and electrolytes intravenous therapy intraosseous access blood glucose monitoring and administration of AEMT level medications tailor this textbook to the new Advanced EMT level Additional online skills allow this textbook to be customized for every AEMT training program's unique needs Current State of the Art Medical Content Advanced Emergency Care and Transportation of the Sick and Injured Second Edition incorporates up to date evidence based medical concepts to ensure that students are taught assessment and treatment modalities that will help patients in the field today Advanced Pathophysiology Advanced Emergency Care and Transportation of the Sick and Injured Second Edition provides a solid foundation in pathophysiology one of the key knowledge areas required to become a successful Advanced EMT Patient Assessment This Second Edition teaches and reinforces the concept of Patient Assessment with a single comprehensive chapter ensuring that students understand patient assessment as a single integrated process the way that providers actually practice it in the field Each medical and trauma chapter reinforces the patient assessment process by highlighting the unique aspects of the illness or injury Clear Application to Real World EMSThrough evolving patient case studies in each chapter the Second Edition offers students a genuine context for the application of the knowledge presented in the chapter This approach makes it clear how all of the information will be used to help patients in the field

**How Professionals Make Decisions** Henry Montgomery, Raanan Lipshitz, Berndt Brehmer, 2004-09-23 This volume is the fruit of the 5th conference on Naturalistic Decision Making which focused on the importance of studying people who have some degree of expertise in the domain in which they make decisions The substantive concerns pertain to how individuals and groups make decisions in



professional and organizational settings and to develop suit      *AEMT* American Academy of Orthopaedic Surgeons (AAOS), AAOS, Rhonda Hunt, 2011-01-26 This text offers complete coverage of every competency statement with clarity and precision in a concise format that ensures student comprehension and encourages critical thinking Back cover

**Nephrology, An Issue of Critical Care Nursing Clinics of North America, E-Book** Sherry Rivera, 2022-11-07 In this issue of Critical Care Nursing Clinics guest editor and Instructor of Clinical Nursing Dr Sherry Rivera brings her considerable expertise to the topic of Nephrology Nurses care for patients with acute chronic and end stage kidney disease in all patient care settings Early recognition of risk and disease can improve health outcomes and delay progression of disease In this issue top experts provide expert coverage of issues frequently encountered when providing nursing care to individuals with kidney disease Contains 14 practice oriented topics including medications and the kidney race based estimated glomerular filtration rate acid base disturbance and electrolyte disorders in nephrology patients complications of kidney disease COVID 19 and kidney disease and more Provides in depth clinical reviews on nephrology in critical care nursing offering actionable insights for clinical practice Presents the latest information on this timely focused topic under the leadership of experienced editors in the field Authors synthesize and distill the latest research and practice guidelines to create clinically significant topic based reviews      **Sole's Introduction to Critical Care Nursing - E-Book** Mary Beth Flynn Makic, Lauren T Morata, 2024-06-21 NEW Content on the implications of the global COVID 19 pandemic for critical care nursing includes new content on proning as a standard critical care procedure and expanded coverage of nursing self care including new Nursing Self Care boxes consistent with the 2021 Future of Nursing report NEW Expanded tools for the Next Generation NCLEX NGN Exam includes more coverage of the six cognitive skills of NCSBN's Clinical Judgment Measurement Model with new use of the cognitive skills along with nursing process terminology expanded use of clinical judgment terminology and expanded newly interactive NGN style case studies on the Evolve website NEW Updated content reflects the latest evidence based developments as well as national and international guidelines NEW Integration of the 2021 AACN Essentials features special emphasis on Clinical Judgment and Diversity Equity and Inclusion including the use of non gendered language and illustrations with enhanced diversity NEW Key Points bulleted lists reinforce the most important content in each chapter

Ignite the flame of optimism with is motivational masterpiece, **Decisions In Adult Acute Care** . In a downloadable PDF format ( \*), this ebook is a beacon of encouragement. Download now and let the words propel you towards a brighter, more motivated tomorrow.

<https://abp-london.co.uk/data/browse/default.aspx/breve%20historia%20de%20la%20comida%20mexicana%20debolsillo.pdf>

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### Decisions In Adult Acute Care Introduction

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