



AHA CPR

GUIDELINES UPDATE 2015



HIGH QUALITY CPR (ADULTS) GUIDELINES FOR BLS PROVIDERS

RECOGNITION OF CARDIAC ARREST

- CHECK FOR RESPONSIVENESS
- NO BREATHING OR ONLY BREATHING
- NO DEFINITE PULSE FELT WITHIN 10 SECONDS



01

ACTIVATION OF EMERGENCY RESPONSE SYSTEM

- IF YOU ARE ALONE WITH NO MOBILE PHONE, LEAVE THE VICTIM TO ACTIVATE THE EMERGENCY RESPONSE SYSTEM AND GET THE AED BEFORE BEGINNING CPR
- OTHERWISE, SEND SOMEONE AND BEGIN CPR IMMEDIATELY; USE THE AED AS SOON AS IT IS AVAILABLE

02



COMPRESSION-VENTILATION RATIO WITHOUT ADVANCED AIRWAY

1 OR 2 RESCUERS=30:2



03

COMPRESSION-VENTILATION RATIO WITH ADVANCED AIRWAY

- CONTINUOUS COMPRESSIONS AT A RATE OF 100-120 PER MINUTE
- GIVE 1 BREATH EVERY 6 SECONDS (10 BREATHS PER MINUTE)

04



COMPRESSION RATE

100-120 COMPRESSIONS PER MINUTE



05

06



HAND PLACEMENT

2 HANDS ON THE LOWER HALF OF THE BRESTBONE (STERNUM)



COMPRESSION DEPTH

AT LEAST 2 INCHES (5 CM)

08



MINIMIZING INTERRUPTIONS

- LIMIT INTERRUPTIONS IN THE CHEST COMPRESSIONS TO LESS THAN 10 SECONDS



09

DO'S AND DONT'S OF HIGH QUALITY CPR (ADULTS)



RESCUERS SHOULD

- PERFORM CHEST COMPRESSIONS AT A RATE OF 100-120 COMPRESSIONS PER MINUTE
- COMPRESS TO A DEPTH OF AT LEAST 2 INCHES
- ALLOW FULL RECOIL AFTER EACH COMPRESSION
- MINIMIZE PAUSES IN COMPRESSIONS
- VENTILATE ADEQUATELY

RESCUERS SHOULD NOT

- COMPRESS AT A RATE SLOWER THAN 100 COMPRESSIONS PER MINUTE OR FASTER THAN 120 COMPRESSIONS PER MINUTE
- COMPRESS TO A DEPTH OF LESS THAN 2 INCHES OR GREATER THAN 2.4 INCHES
- LEAN ON THE CHEST BETWEEN COMPRESSIONS
- INTERRUPT COMPRESSIONS FOR GREATER THAN 10 SECONDS
- PROVIDE EXCESSIVE VENTILATION



Sources:

<http://eccguidelines.heart.org/wp-content/uploads/2015/10/2015-AHA-Guidelines-Highlights-English.pdf>

American Heart Cpr Guidelines 23

Huangqi Zhang

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

American Heart Cpr Guidelines 23:

Sanders' Paramedic Textbook Mick J. Sanders, Kim McKenna, American Academy of Orthopaedic Surgeons (AAOS), 2024-01-17 Based on current guidelines standards and medical research in the EMS field Sanders Paramedic Textbook Sixth Edition is both a comprehensive learning tool for paramedic students and reliable desk reference for emergency physicians This critical resource includes in depth explorations of key subjects such as pathophysiology pharmacology airway management medical disorders patient assessment and trauma

ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription David P. Swain, ACSM, Clinton A. Brawner, 2012-12-26 ACSM's Resource Manual for Guidelines for Exercise Testing and Prescription was created as a complement to ACSM's Guidelines for Exercise Testing and Prescription and elaborates on all major aspects of preventative rehabilitation and fitness programs and the major position stands of the ACSM The 7th edition provides information necessary to address the knowledge skills and abilities set forth in the new edition of Guidelines and explains the science behind the exercise testing and prescription ACSM's Resource Manual is a comprehensive resource for those working in the fitness and clinical exercise fields as well as those in academic training

Cumulated Index Medicus, 2000

Critical Care Obstetrics Jeffrey P. Phelan, Torre L. Halscott, Leslie A. Moroz, Arthur J. Vaught, Antonio F. Saad, Amir A. Shamshirsaz, 2024-03-15 Critical Care Obstetrics Improve medical outcomes for both mothers and children with this essential guide For the first time in decades maternal mortality rates are climbing in the United States Factors including lack of access to prenatal care un or underinsured populations rising rates of cardiovascular disease and more combine to make pregnancy and childbirth more dangerous prospects In this environment the study of critical care obstetrics has never been more essential Critical Care Obstetrics Seventh Edition a fully updated guide to the medical management of serious conditions in pregnancy and childbirth Beginning with basic principles it surveys the potential serious complications occurring in pregnancy and delivery and the techniques and procedures for maximizing patient outcomes for both pregnant people and fetuses This clear accessible text promises to continue the essential work of earlier editions Readers of the seventh edition of Critical Care Obstetrics will also find Detailed protocols for implementing life saving treatments in emergencies New chapters on topics including ECMO antibiotics and pneumonia Authorship by internationally renowned experts in emergency obstetrics Critical Care Obstetrics is ideal for working clinical obstetricians and for trainees in obstetrics and gynecology

AACN Essentials of Critical Care Nursing, Fourth Edition Suzanne M. Burns, Sarah A. Delgado, 2018-12-24 Succinct complete guidance on how to safely and competently care for adult critically ill patients and their families written by top clinical experts A Doody's Core Title for 2022 Endorsed by the American Association of Critical Care Nurses AACN this acclaimed textbook sets the standard for critical care nursing education Recognizing the learner's need to assimilate foundational knowledge before attempting to master more complex critical care nursing concepts the book features a practical building block organization that starts with

the basics and logically progresses to advanced topics Bolstered by helpful tables and essential content cases AACN Essentials of Critical Care Nursing is an essential tool for clinicians at the point of care and those preparing for CCRN certification in critical care nursing AACN Essentials of Critical Care Nursing Fourth Edition is presented in four sections The Essentials presents core information that new clinicians must understand to provide safe competent nursing care to all critically ill patients regardless of their underlying medical diagnoses Pathologic Conditions covers pathologic conditions and management strategies commonly encountered among adult critical care patients Advanced Concepts in Caring for the Critically Ill Patient moves beyond the essentials and includes information about specific pathologic conditions that require specialized critical care management Key Reference Information features normal laboratory and diagnostic values troubleshooting guides for hemodynamic monitoring summary tables of critical care drugs and cardiac rhythms and treatment guides Learning aids include Knowledge Competencies that can be used to gauge progress Principles of Management to summarize key concepts and Essential Content case studies with questions and answers to further reinforce the learners knowledge Directory of Clinical Practice Guidelines, 1988 American Medical Association, 1998-06 This resource offers a convenient way to locate practice guidelines in practically any clinical area This edition provides a comprehensive bibliographic listing of more than 1 900 guidelines standards and other practice management strategies including several hundred new guidelines indexed by subject title and sponsoring organization Each entry provides pricing and order information Also included is a mid year update with newly developed practice guidelines those under development and those recently withdrawn *Hurst's the Heart, 14th Edition: Two Volume Set* Valentin Fuster, Robert A. Harrington, Jagat Narula, Zubin J. Eapen, 2017-03-22 Cardiology s cornerstone text thoroughly updated to reflect the latest clinical perspectives and cutting edge topics Hailed for its authority currency and ability to translate the latest technical and clinical advances into clinical application Hurst s The Heart is the field s landmark text and cardiology s longest continuously published reference text A previous edition of this trusted classic was described by Doody s as an outstanding choice for those who strive for a firm foundation in cardiovascular medicine as well as an up to date and user friendly source that addresses every discipline in the field Readers will find succinct visually appealing summaries of all the major new trials and guidelines along with tips for optimizing outcomes and health quality The Fourteenth Edition has been completely updated to reflect the latest technical therapeutic and clinical advances while still maintaining a strong focus on patient care Other enhancements include the addition of textual features such as Practice Points Common Clinical Questions and an increased number of the acclaimed Hurst s diagrams NEW TO THIS EDITION Section on Metabolic Disorders and Cardiovascular Disease Cigarette Smoking and Cardiovascular Disease Enhanced by more than 1 500 full color illustrations and more than 500 tables Brand new chapters include Arrhythmogenic Cardiomyopathy Ischemic Mitral Regurgitation Degenerative Mitral Valve Disease Left Ventricular Noncompaction Evaluation and Management of Acute Heart Failure Carotid Artery Stenting

Race Ethnicity and Cardiovascular disease The only comprehensive cardiology reference to publish every 2 5 years to allow for reporting of the latest trials and guidelines Manual of Clinical Exercise Testing, Prescription, and Rehabilitation Ziya Altug, Janet L. Hoffman, 1993 *AACN Essentials of Progressive Care Nursing, Fourth Edition* Suzanne M. Burns, Sarah A. Delgado, 2018-12-24 Succinct complete guidance on how to safely and competently care for adult progressive care patients and their families written by top clinical experts Endorsed by the American Association of Critical Care Nurses AACN this acclaimed textbook sets the standard for progressive care nursing education Recognizing the learner's need to assimilate foundational knowledge before attempting to master more complex progressive care nursing concepts the book features a practical building block organization that starts with the basics and logically moves on to advanced topics Bolstered by helpful tables and Essential Content cases AACN Essentials of Progressive Care Nursing Fourth Edition is an essential tool for clinicians at the point of care and those preparing for PCCN certification in progressive care nursing AACN Essentials of Progressive Care Nursing is divided into four sections The Essentials presents essential information that clinicians must understand to provide safe competent nursing care to progressive care patients regardless of their underlying medical diagnoses Pathologic Conditions covers pathologic conditions and management strategies commonly encountered among adult progressive care patients Advanced Concepts in Caring for the Progressive Care Patient presents advanced progressive care concepts or pathologic conditions that are less common or require more specialized management Key Reference Information features normal laboratory and diagnostic values pharmacology tables and summary tables of cardiac rhythms ECG characteristics and treatment guides Learning aids include Knowledge Competencies to gauge progress Principles of Management to summarize key concepts and Essential Content case studies with questions and answers to further reinforce the learner's knowledge **Sugar and Health** Maria do Carmo Matias Freire, Geoffrey Cannon, Aubrey Sheiham, 1992

Heart Disease Eugene Braunwald, 1997 This is a thoughtfully organized comprehensive multiauthored textbook devoted to all aspects of cardiovascular diseases The previous edition was published in 1992 The purpose is to summarize the up to date understanding of heart disease which is a very important and challenging goal given the explosion of information and the numerous clinical trials in the field of cardiovascular disease especially in the last few years The book meets its goal with outstanding success The primary audience for is cardiologists and cardiovascular residents It is a must for all cardiologists cardiology fellows and allied staff It would also be extremely useful for cardiovascular surgeons internists and primary care physicians caring for cardiac patients The editor needs no introduction as the pioneer in cardiology over the last few decades and the contributors are household names in cardiology and have an intimate knowledge of these subjects from both a basic science perspective and a clinical point of view The illustrations are clear concise ample and stimulating There are plenty of sharply colored tables highlighting the important points from the text The book is numerously referenced with up to date and landmark studies for each chapter annotated with citations up to 1995 It has a handsome cover and the colors used to

highlight the headlines and tables are very attractive This is a well written comprehensive textbook by authorities in cardiovascular disease The editor s involvement in writing a large part of the book made it possible to minimize fragmentation and maximize editorial consistency This new edition is a massive undertaking due to the sweeping revision of the previous edition making it 15 percent longer with 21 new chapters Examples of particularly important new chapters are coronary artery disease in women principles of cardiovascular molecular and cellular biology and my favorite addition practice guidelines in cardiovascular medicine Finally this book has been since its first edition the bible in cardiovascular diseases and should find its way into all medical libraries and offices of physicians caring for patients with cardiovascular disease

Sahel Medical Journal ,2001 **Acta Anaesthesiologica Scandinavica** ,1991 **Emergency Nursing Certification (CEN): Self-Assessment and Exam Review** Jayne McGrath,Andi Foley,2016-12-22 The most thorough and up to date review available for the Certified Emergency Nurse Exam Emergency Nursing Certification is a complete step by step guide that thoroughly covers everything you need to know to pass the Certified Emergency Nurse CEN examination Presented in short easy to read chapters the book includes subject specific practice exams allowing you to target your study and quickly identify weak areas In addition the Key Points and Knowledge Competencies features highlight what s important to know for the exam and alerts you to the number of questions you should expect on every given topic Everything you need to pass the Certified Emergency Nurse CEN exam Core areas of Emergency Nursing practice arranged by body system Valuable test taking tips to help you perform your best on the exam Practice questions at the end of each chapter with multiple choice questions and complete answer explanation Content covers every topic you will see on the exam including Cardiovascular Emergences Gastrointestinal Emergencies Neurologic Emergencies Maxillofacial and Ocular Emergencies Orthopedic and Wound Emergencies Respiratory Emergencies Medical Emergencies and Communicable Diseases Professional Issues Journal of the American Medical Association ,2009-07 **Medicare and Medicaid Guide** ,1969

Hurst's the Heart, 13th Edition: Two Volume Set Valentin Fuster,Richard Walsh,Robert A. Harrington,2011-02-12 The trusted landmark cardiology resource thoroughly updated to reflect the latest clinical perspectives Includes DVD with image bank A Doody s Core Title ESSENTIAL PURCHASE for 2011 5 STAR DOODY S REVIEW This is an outstanding choice for those who strive for a firm foundation in cardiovascular medicine as well as an up to date and user friendly source that addresses every discipline in the field The updates and enhancements to this edition have made the book easier to use Doody s Review Service Through thirteen editions Hurst s the Heart has always represented the cornerstone of current scholarship in the discipline Cardiologists cardiology fellows and internists from across the globe have relied on its unmatched authority breadth of coverage and clinical relevance to help optimize patient outcomes The thirteenth edition of Hurst s the Heart continues this standard setting tradition with 19 new chapters and 59 new authors each of whom are internationally recognized as experts in their respective content areas Featuring an enhanced reader friendly design the new edition covers

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Contemporary Medical-surgical Nursing Rick Daniels, Laura John Nosek, Leslie H. Nicoll, 2006-08 Contemporary is not only the first word in the title but a key descriptor in this book's approach The first new med surg book to enter the market in years Contemporary Medical Surgical Nursing is a new and exciting text that presents comprehensive nursing care of the medical surgical client as opposed to simply treating conditions and illnesses Written with a focus on acute and collaborative care this text is designed to be relevant and pragmatic in its approach by providing learner oriented logically organized information It addresses key topic areas of clinical care highlighting contemporary nursing approaches such as health care trends health costs and benefits law and ethics and cultural considerations Contemporary Medical Surgical Nursing helps bridge the gap from nursing student to professional by providing learners with the knowledge and skills that support today's nursing practice Available as one comprehensive book or in two volumes

MKSAP 14, 2006 **Clinical Practice Guidelines Directory** Naomi Kuznets, 2000 This annual publication is a bibliographic listing of approximately 2 000 guidelines standards and other available patient management strategies developed by physician organizations and others that helps physicians and group practices to improve their quality of medical care and ensure appropriate utilization of health care resources

Unveiling the Power of Verbal Artistry: An Mental Sojourn through **American Heart Cpr Guidelines 23**

In a global inundated with monitors and the cacophony of immediate conversation, the profound power and psychological resonance of verbal art frequently diminish in to obscurity, eclipsed by the constant barrage of noise and distractions. However, situated within the musical pages of **American Heart Cpr Guidelines 23**, a fascinating function of literary elegance that impulses with fresh feelings, lies an memorable journey waiting to be embarked upon. Written by way of a virtuoso wordsmith, this exciting opus instructions viewers on a mental odyssey, gently exposing the latent possible and profound affect embedded within the elaborate web of language. Within the heart-wrenching expanse of the evocative examination, we will embark upon an introspective exploration of the book is central styles, dissect their charming publishing style, and immerse ourselves in the indelible impact it leaves upon the depths of readers souls.

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