

Summary of High-Quality CPR Components for BLS Providers



Component	Adults and adolescents	Children (age 1 year to puberty)	Infants (age less than 1 year, excluding newborns)
Verifying scene safety	Make sure the environment is safe for rescuers and victim		
Recognizing cardiac arrest	Check for responsiveness No breathing or only gasping (ie, no normal breathing) No definite pulse felt within 10 seconds (Breathing and pulse check can be performed simultaneously in less than 10 seconds)		
Activating emergency response system	If a mobile device is available, phone emergency services (9-1-1)		
	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	Witnessed collapse Follow steps for adults and adolescents on the left Unwitnessed collapse Give 2 minutes of CPR Leave the victim to activate the emergency response system and get the AED Return to the child or infant and resume CPR; use the AED as soon as it is available	
Compression-ventilation ratio without advanced airway	1 or 2 rescuers 30:2	1 rescuer 30:2 2 or more rescuers 15:2	
Compression-ventilation ratio with advanced airway	Continuous compressions at a rate of 100-120/min Give 1 breath every 6 seconds (10 breaths/min)	Continuous compressions at a rate of 100-120/min Give 1 breath every 2-3 seconds (20-30 breaths/min)	
Compression rate	100-120/min		
Compression depth	At least 2 inches (5 cm)*	At least one third AP diameter of chest Approximately 2 inches (5 cm)	At least one third AP diameter of chest Approximately 1½ inches (4 cm)
Hand placement	2 hands on the lower half of the breastbone (sternum)	2 hands or 1 hand (optional for very small child) on the lower half of the breastbone (sternum)	1 rescuer 2 fingers or 2 thumbs in the center of the chest, just below the nipple line 2 or more rescuers 2 thumb—encircling hands in the center of the chest, just below the nipple line If the rescuer is unable to achieve the recommended depth, it may be reasonable to use the heel of one hand
Chest recoil	Allow complete recoil of chest after each compression; do not lean on the chest after each compression		
Minimizing interruptions	Limit interruptions in chest compressions to less than 10 seconds with a CCF goal of 80%		

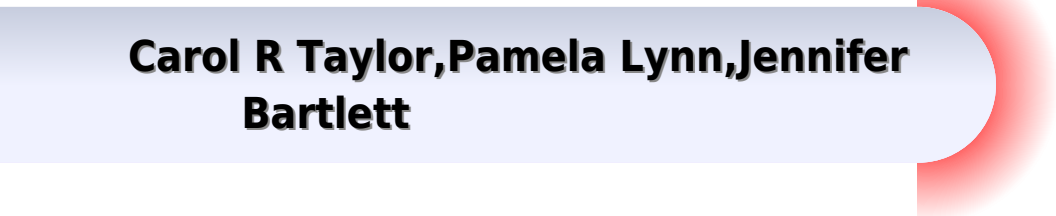
*Compression depth should be no more than 2.4 inches (6 cm).

Abbreviations: AED, automated external defibrillator; AP, anteroposterior; CCF, chest compression fraction; CPR, cardiopulmonary resuscitation.

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Bls Cpr Study Guide For 2013 Guidelines

**Carol R Taylor, Pamela Lynn, Jennifer
Bartlett**



Bls Cpr Study Guide For 2013 Guidelines:

An Essential Guide to Caring for People With a Learning Disability and Autistic People Helen Jones,Andrea Page,Samantha Salmon,2025-05-29 This essential text presents the core information that all nursing students and apprentices along with other key health and social care professions regardless of field need to know about caring for people with a learning disability and autism It outlines some of the key challenges faced by people with a learning disability and autism and ways in which good care can improve their quality of life People with a learning disability and autism are more likely to need support with aspects of everyday life be marginalised within society including within health and social care and die younger than the rest of the population They are also more likely to have additional communication needs sensory processing difficulties and require significant support to access healthcare as well as other opportunities across the course of their lives This innovative text highlights the core knowledge that all health and social care professionals need and emphasises the benefits of learning across different fields of practice It presents information about common conditions key skills and where a standard approach may need to be changed when caring for a person with a learning disability and autistic people It demystifies key issues and commonly misunderstood concepts and topics including distressed behaviours consent and reasonable adjustments The book also focuses on addressing health inequalities improving communication understanding mental capacity and presents case studies throughout to illustrate how care can and should be delivered Written for all who aspire to understand the needs of these individuals and to deliver care as effectively as possible this collaborative text brings together the voices of services users and their families and carers with those of nurses other health professionals lecturers and nursing students and apprentices

Mosby's Radiation Therapy Study Guide and Exam Review Leia Levy,2025-08-21 Reinforce your understanding of radiation therapy and prepare for the Registry exam Mosby s Radiation Therapy Study Guide and Exam Review Second Edition is both a study companion for Washington and Leaver s Principles and Practice of Radiation Therapy and a superior review for the ARRT Radiation Therapy Certification Exam This completely updated edition reflects the latest exam specifications and features an easy to read format that presents information in concise bullets and tables More than 2 000 total multiple choice questions in Registry format provide a realistic testing experience to prepare you for the real exam NEW Quality control procedures and guidelines for linear accelerators NEW Fractionation and protraction considerations UPDATED Content reflects the latest ARRT Radiation Therapy Certification Exam Specifications UPDATED Radiation Protection and Safety and Overview of Cancer Imaging and Management Modalities chapters offer the most current information in these key areas EXPANDED Charge capture and record keeping content enhances the Oncology Patient Care chapter EXPANDED Additional cross sectional images provide anatomy review and reinforce treatment planning concepts More than 2 000 multiple choice questions in Registry format in the text and on the companion Evolve website provide a realistic exam experience Complete coverage helps you prepare for

the ARRT Radiation Therapy Certification Exam Content review in outline and tabular format provides a concise recap of the material you need to know to succeed on the exam Exercises at the end of each section offer engaging active review opportunities

Emergency Department Compliance Manual Rusty Mcnew, 2013-01-23 Emergency Department Compliance Manual 2013 Edition provides everything you need to stay in compliance with complex emergency department regulations The list of questions helps you quickly locate specific guidance on difficult legal areas such as Complying with COBRA Dealing with psychiatric patients Negotiating consent requirements Obtaining reimbursement for ED services Avoiding employment law problems Emergency Department Compliance Manual also features first hand advice from staff members at hospitals that have recently navigated a Joint Commission survey and includes frank and detailed information Organized by topic it allows you to readily compare the experiences of different hospitals Because of the Joint Commission's hospital wide function based approach to evaluating compliance it's been difficult to know specifically what's expected of you in the ED Emergency Department Compliance Manual includes a concise grid outlining the most recent Joint Commission standards which will help you learn what responsibilities you have for demonstrating compliance Plus Emergency Department Compliance Manual includes sample documentation that hospitals across the country have used to show compliance with legal requirements and Joint Commission standards Age related competencies Patient assessment policies and procedures Consent forms Advance directives Policies and protocols Roles and responsibilities of ED staff Quality improvement tools Conscious sedation policies and procedures Triage referral and discharge policies and procedures And much more Emergency Department Compliance Manual has been updated to include new and updated legal and regulatory information affecting your ED including Updated questions and answers covering such topics as Physician Payment Sunshine Act requirements What a HIPAA audit involves Joint Commission requirements for patient centered communication Joint Commission requirements for the use of scribes Hospitals response to uncompensated emergency department care Factors including drug shortages that affect patient safety Joint Commission requirements to manage patient flow The Supreme Court decision's impact on health care reform Fraud and abuse updates OIG reassignment alert Stage 2 meaningful use requirements Affordable Care Act summary of health plan benefits and coverage SBC requirements Hospital value based purchasing update Medicare Shared Savings Program requirements New Joint Commission survey questions and answers Updated sections on hospital accreditation standards New and updated forms policies and other reference materials to facilitate compliance including Memorandum of Understanding Regarding Reciprocal Lateral Transfer Sample Lateral Transfer into Hospital Transfer Process Commonly Abused Prescription Drugs Medication Use Agreement ED Director's Weekly Wrap Up Report to Staff Communication Template Staff Meeting Safety Triggers ED Registered Nurse Clinical Ladder Program ED Registered Nurse Clinical Ladder Program Expectations Criteria for Each Dimension ED Nursing Education File Checklist ED New Hire Plan Extra Shift Bonus Policy Guidelines for Extra Shift Bonus Pay ED Overtime Justification ED

Communication ChecklistED Downtime Track **Textbook of Emergency & Trauma Care** Devendra

Richhariya, 2018-02-28 This book is a comprehensive guide to emergency and trauma care covering the complete process from pre hospital care rapid and point of care assessment and triaging to care of the patient during transfer and in hospital care Beginning with a general overview of emergency care and resuscitation the following sections discuss the treatment of emergencies and trauma in different systems of the body A complete section is dedicated to paediatric emergencies The final chapters cover trauma management toxicology disaster management and environmental emergencies such as thermal and chemical burns and snake bites The descriptive text is further enhanced by more than 700 flowcharts tables diagrams clinical photographs and short notes to assist learning Key points Comprehensive guide to emergency and trauma care Covers management of emergencies in different systems of the body Includes section on paediatric emergencies Highly illustrated with flowcharts tables diagrams photographs and short notes **Critical Heart Disease in Infants and Children E-Book**

Ross M. Ungerleider, Kristen Nelson McMillan, David S. Cooper, Jon N. Meliones, Jeffrey Jacobs, 2018-09-26 Selected for Doody's Core Titles 2024 with Essential Purchase designation in Pediatric Surgery Now in brilliant full color and reflecting recent significant changes in the field Critical Heart Disease in Infants and Children 3rd Edition keeps you abreast of the skills and knowledge required to safely care for children with congenital and acquired heart disease in the ICU Pediatric intensivists cardiologists cardiac surgeons and anesthesiologists from leading centers around the world provide a well rounded perspective on basic scientific principles medical and pharmacologic treatments surgical techniques and equipment Features comprehensive updates throughout the text including indications techniques potential complications in perioperative management of patients and surgical techniques for congenital heart disease Covers recent advances in the treatment of pulmonary hypertension developments in mechanical assist devices heart and lung transplantation and interventional cardiac catheterization Features an all new full color format that speeds navigation and helps clarify complex concepts Contains 27 new chapters with an emphasis on the team approach to patient care in the ICU including creating multidisciplinary teams quality and performance improvement training and challenges and solutions to developing a cohesive team environment Includes a detailed chapter on bedside ultrasound walking you through the techniques you're most likely to encounter in the ICU Employs well documented tables text boxes and algorithms to make clinical information easy to access and more than two dozen video clips provide a more complete understanding of echocardiography imaging modalities pulmonary hypertension and more Describes the basic pharmacology and clinical applications of new pharmacologic agents Examines issues affecting adults with congenital heart disease Enhanced eBook version included with purchase Your enhanced eBook allows you to access all of the text figures and references from the book on a variety of devices Offers four completely new chapters Cardiac Trauma Congenital Heart Disease in the Adult Congenitally Corrected Transposition of the Great Arteries and Outcome Evaluation Describes the basic pharmacology and clinical applications of all of the new pharmacologic agents

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Resuscitation, An Issue of Cardiology Clinics Andrew M McCoy, 2018-07-13 This issue of Cardiology Clinics edited by Dr Andrew M McCoy will focus on Resuscitation Topics include but are not limited to Improving survival in your community Compression only CPR Dispatch CRP quality issues Drugs in OHCA Mechanical CPR DSeD Nuances of Airway Management in OHCA refractory recurrent VF future of OHCA care and more

The Emergency Department Technician Handbook, E-Book Robert Shesser, Ali Pourmand, Amy Keim, 2022-10-20 Emergency Department Technicians EDTs play a vital role in actively supporting the medical team in today's hospitals and the role continues to expand in light of staffing shortages and increased emergency department volumes The Emergency Department Technician Handbook is a reliable comprehensive resource in this increasingly important field filling a timely need in EDT workforce development for both technicians and educators Concise readable text along with high quality clinical photos and a video library that depict procedures and patient positioning make this new handbook a must have resource in every emergency department Provides quick convenient access to practical guidance and everyday answers in an easy to read outline format Discusses key topics such as patient flow and assessment in the ED triage and point of care testing Advises on best practices for wound care including cleansing dressing and splinting a wound as well as how to set up a suture tray and advanced wound care techniques Covers essential imaging based procedures including the use of ultrasound guided IV Features a companion video library with a range of clips depicting how to perform procedures and patient examinations in real time

Critical Care Narendra Rungta, Rajesh Pande, Manish Munjal, Sudhir Khunteta, 2015-02-20 1 Assessment of Critically Ill Patients 2 Airway Management in ICU 3 Hemodynamic Monitoring in ICU 4 Fluid Balance in Critically Ill Patients 5 Vasopressors and Inotropes 6 Multiple Organ Dysfunction Syndrome 7 Cardiopulmonary Resuscitation A Paradigm Shift 8 Therapeutic Hypothermia 9 Management of Organ Donor 10 Scoring Systems in ICU 11 Guidelines for ICU Planning and Designing in India 12 Guidelines and Protocols in ICU 13 Clinical Audit and Handoff in ICU 14 Critical Care Nursing in India Section 2 Cardiac Care 15 Acute Coronary Syndrome 16 Heart Failure 17 Cardiac Arrhythmias in ICU 18 Hypertensive Emergency 19 Pacing in the ICU Setting 20 Pulmonary Embolism 21 Intensive Care Unit Management of Patients with Right Heart Failure Section 3 Respiratory Care 22 Community Acquired Pneumonia 23 Ventilator Associated Pneumonia 24 Acute Respiratory Distress Syndrome Section 4 Liver and Digestive System 25 Acute Liver Failure 26 Acute Pancreatitis 27 Hepatorenal and Hepatopulmonary Syndromes 28 Anesthesia for Liver Transplantation 29 Critical Care Aspects in Adult Liver Transplantation Section 5 Renal Care 30 Diagnosis of Acute Kidney Injury 31 Renal Replacement Therapy 32 Critical

Care Management of Renal Transplant Recipients 33 Acid Base Disorders in Critical Care 34 Disorders of Potassium 35 Sodium Disorders 36 Disorders of Calcium and Magnesium Section 6 Neurological Care 37 Management of Critically Ill Trauma Patients 38 Management of Spinal Injury 39 Neurocritical Care Management of Subarachnoid Hemorrhage 40 Intensive Care Management of Postoperative Neurosurgical Patients Section 7 Obstetric Critical Care 41 Physiology of Pregnancy 42 Respiratory Disorders During Pregnancy 43 Liver Disease Complicating Pregnancy 44 Peripartum and Postpartum Intensive Care in Pregnancy Section 8 Pediatric Critical Care 45 Recognition and Assessment of Critically Ill Child 46 Pediatric Septic Shock 47 Status Epilepticus 48 Raised Intracranial Pressure in Children with an Acute Brain Injury Monitoring and Management Section 9 Infections 49 Extended Spectrum Beta Lactam Producing Infections in Intensive Care Unit 50 Infections in Immunocompromised Patients in ICU 51 Invasive Fungal Infections in Critically Ill Patients 52 Febrile Neutropenia 53 Fever in the ICU 54 Cytomegalovirus Infection in Critically Ill Patients 55 Tropical Infections in ICU 56 Tropical Fever Management Guidelines ISCCM Tropical Fever Group Section 10 Ethics and End of Life Care Issues 57 Bioethical Considerations 58 End of Life Care Practices in the World Section 11 Miscellaneous 59 Burns Inhalation and Electrical Injury 60 Diabetic Ketoacidosis 61 Oncological Emergencies 62 Post cardiac Arrest Syndrome 63 Intra abdominal Hypertension and Abdominal Compartment Syndrome 64 Nutrition in a Critically Ill Patients 65 Approach to an Unknown Poisoning 66 Specific Intoxications 67 Fatal Envenomations 68 Care of Obese Patient in ICU 69 Imaging in Intensive Care Unit Section 12 Mechanical Ventilation 70 Respiratory Mechanics Basics 71 Principles of Mechanical Ventilation 72 Basic Modes of Ventilation 73 Ventilator Graphics 74 Newer Modes of Ventilation 75 Weaning Liberation from Mechanical Ventilation 76 Non Invasive Ventilation 77 Ventilation Strategy in Obstructive Airway Disease

Fundamentals of Nursing
Carol R Taylor, Pamela Lynn, Jennifer Bartlett, 2022-08-04 Trusted for its holistic case based approach Fundamentals of Nursing The Art and Science of Person Centered Nursing Care 10th Edition helps you confidently prepare the next generation of nursing professionals for practice This bestselling text presents nursing as an evolving art and science blending essential competencies cognitive technical interpersonal and ethical legal and instilling the clinical reasoning clinical judgment and decision making capabilities crucial to effective patient centered care in any setting The extensively updated 10th Edition is part of a fully integrated learning and teaching solution that combines traditional text video and interactive resources to tailor content to diverse learning styles and deliver a seamless learning experience to every student **Sandra**

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