

# Aha Cpr Guidelines 2014 Course Handbook

2015 Handbook of Emergency Cardiovascular Care for Healthcare  
Providers  
Pediatric Resuscitation  
ACLS for Experienced Providers Manual and  
Resource Text  
Basic Life Support Instructor Manual  
Basic Life Support (BLS) Provider  
Handbook  
Current Controversies in Perinatology, An Issue of Clinics in  
Perinatology  
Essentials of Sea Survival  
Finding What Works in Health  
Care  
Responding to Emergencies  
Pediatric Advanced Life Support Provider  
Manual  
Pediatric Advanced Life Support Study Guide  
AACN Core Curriculum for High  
Acuity, Progressive and Critical Care Nursing - E-Book  
Cardiopulmonary  
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ACLS, CPR, And PALSSaunders 2014-2015 Strategies for Test Success  
- E-Book  
Emergency Nursing Certification (CEN): Self-Assessment and Exam  
Review  
Pediatric Advanced Life Support (PALS) Provider Handbook  
Heartsaver First  
Aid CPR AED Student Workbook (Japanese)  
Moderate and Deep Sedation in Clinical  
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Advanced Cardiac Life Support (ACLS) Provider Handbook  
EMT Crash  
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Pediatric Advanced Life Support  
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Discovering Nutrition  
Bystander  
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Advanced Cardiovascular Life Support Instructor Manual  
Strategies to Improve  
Cardiac Arrest Survival  
Point-of-Care Ultrasound Techniques for the Small Animal  
Practitioner  
Emergency Medicine PreTest Self-Assessment and Review, Fourth  
Edition  
Nursing Care of Children - E-Book  
Ventricular Arrhythmias  
BLS for Healthcare  
Providers  
First Aid, Survival, and CPR  
ACEP First Aid Manual 5th Edition  
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Potter and Perry's Fundamentals of Nursing: Second South Asia Edition - E-Book  
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Heartsaver Pediatric First Aid  
Textbook of Neonatal Resuscitation  
2015 American Heart Association Guidelines  
School Nursing

## **2015 Handbook of Emergency Cardiovascular Care for Healthcare Providers**

PreTest® is the closest you can get to seeing the test before you take it. Written by clerkship faculty and reviewed by students who know what it takes to pass, this book is perfect for clerkship exam review and the USMLE Step 2CK. Emergency Medicine: PreTest® asks the right questions so you'll know the right answers. Open it and start learning what's on the test. 500 USMLE-style Q&A cover core topics on the clerkship exam Complete explanations explain each answer option Answer discussions condense essential topics for high-yield review Tested and reviewed by students who know what it takes to pass

## **Pediatric Resuscitation**

Pediatric Resuscitation is reviewed in this issue of Pediatric Clinics of North America, guest edited by Drs. Steve Schexnayder and Arno Zaritsky. Authorities in

the field have come together to pen articles on Background and Epidemiology; CPR - Why the New Emphasis?; Airway Management; Arrhythmias, Cardioversion, and Defibrillation; Vascular Access and Medications; Medical Emergency Teams; Teamwork in Resuscitation; Resuscitation Education; Outcome Following Cardiac Arrest; Extracorporeal Life Support during CPR; Post-resuscitation Care; and Future Directions.

### **ACLS for Experienced Providers Manual and Resource Text**

### **Basic Life Support Instructor Manual**

Fundamentals of Nursing by Potter and Perry is a widely appreciated textbook on nursing foundations/fundamentals. Its comprehensive coverage provides fundamental nursing concepts, skills and techniques of nursing practice and a firm foundation for more advanced areas of study. This Second South Asia edition of Potter and Perry's Fundamentals of Nursing not only provides the well-established, authentic content of international standards but also caters to the specific curriculum requirements of nursing students of the region. **SALIENT FEATURES** Fully compliant to the INC curriculum Easy-to-read, interesting and involving disposition, which leads the reader through various facets of nursing foundations/

fundamentals Improved layout, design and presentation A number of photographs replaced with the Indian ones to provide regional feel to the content Long Answer and Short Answer questions added at the end of every chapter

### **Basic Life Support (BLS) Provider Handbook**

The Save a Life Initiative has just released its newest course: Basic Life Support. This manual is based on the 2015-2020 Basic Life Support guidelines published by the American Heart Association. The Basic Life Support (BLS) Provider Handbook is a comprehensive resource intended for health care professionals currently enrolled in a Basic Life Support Certification or Recertification Course. It serves as the primary training material for BLS Certification and Recertification courses. Although it is primarily intended for professionals to use during their courses, the handbook was also created to serve as daily resource material for health care professionals. Information covered in the handbook includes Basic Life Support instruction for adults and children, AED usage, airway obstruction and rescue breathing techniques, and more. Specific Algorithms for BLS and more are also included within the handbook. All material included in this handbook is delivered in a manner meant to enhance learning in the most comprehensive and convenient way possible.

## **Current Controversies in Perinatology, An Issue of Clinics in Perinatology,**

Rev. ed. of: First aid/CPR/AED for schools and the community. 3rd ed. c2006.

## **Essentials of Sea Survival**

Product 15-2811

## **Finding What Works in Health Care**

Product 15-1064

## **Responding to Emergencies**

## **Pediatric Advanced Life Support Provider Manual**

Awarded AJN Book of the Year Award 2012! From performing CPR on an adult, child, or infant to dealing with bleeding and shock, cuts and broken bones, heart attacks, emergency childbirth, poisoning, drowning, scuba diving mishaps,

wilderness survival, and natural disasters such as tornadoes, wildfires, floods, and earthquakes...this portable, waterproof guide helps you quickly find the information you need to develop a plan of action for assessing and treating all kinds of first aid and survival emergencies.

### **Pediatric Advanced Life Support Study Guide**

This book offers a thorough revision and update to the first landmark book that presented a standardized approach to focused point-of-care ultrasound exams of the abdomen, thorax, musculoskeletal and eye in veterinary practice. Now incorporating new applications for focused ultrasound exams and additional species, this Second Edition continues to be a state-of-the-art reference for using abbreviated ultrasound exams in clinical practice. A companion website features supplementary video clips of these point-of-care techniques depicting actual ultrasound exams for comparison and comprehension. New chapters in Point-of-Care Ultrasound Techniques for the Small Animal Practitioner, Second Edition cover ultrasound-guided nerve blocks, musculoskeletal, brain imaging, and applications of focused ultrasound techniques in cats, exotics and marine mammals—making it an essential purchase for veterinarians wanting to incorporate point-of-care ultrasound techniques into their veterinary practices. Presents a standardized approach to point-of-care ultrasound as an extension of the physical exam, including trauma, non-trauma, and monitoring applications Includes coverage of

new techniques for focused ultrasound exams, including lung, anesthesia and ultrasound guided nerve blocks, transcranial brain imaging, musculoskeletal, volume status evaluation, and rapid assessment for treatable forms of shock Adds cats, exotic and wildlife mammals, and marine mammals to the existing canine coverage Emphasizes the integration of point-of-care ultrasound techniques for optimizing patient care and accurate patient assessment Offers access to a companion website with supplementary video clips showing many clinically relevant didactic examples The second edition of Point-of-Care Ultrasound Techniques for the Small Animal Practitioner is an excellent resource for veterinary practitioners, ranging from the general practitioner to nearly all clinical specialists, including internal medicine, oncology, cardiology, emergency and critical care, anesthesiology, ophthalmology, exotics, and zoo medicine specialists, and veterinary students.

### **AACN Core Curriculum for High Acuity, Progressive and Critical Care Nursing - E-Book**

Over the past two decades Vietnam has made enormous progress to expand health insurance coverage to its population. Further progress will require significant additional public financing, as well as efforts improve efficiency and strengthen insurance organization and management. It contains recommendations

and next steps for Vietnam to follow.

### **Cardiopulmonary Resuscitation**

#### **ACLS, CPR, And PALS**

The Save a Life Initiative has just released its newest course: Pediatric Advanced Life Support (PALS). This manual is based on the 2020 Pediatric Advanced Life Support guidelines published by the International Liaison Committee on Resuscitation. The Pediatric Advanced Life Support (PALS) Provider Handbook is a comprehensive resource intended for health care professionals currently enrolled in a Pediatric Advanced Life Support Certification or Recertification Course. It serves as the primary training material for PALS Certification and Recertification courses. Although it is primarily intended for use during certification courses, the handbook was also created to serve as daily reference material for health care professionals. Information covered in the handbook includes EKG and electrical therapy review, pediatric respiratory failure, and more. Specific PALS Algorithms and more are also included within the handbook. All material included in this handbook is delivered in a manner meant to enhance learning in the most comprehensive and convenient way possible. Download our eBooks FREE at

<https://nhcps.com/free-ebooks-download>

### **Saunders 2014-2015 Strategies for Test Success - E-Book**

Fifth edition DK's First Aid Manual covers every aspect of first aid, including what it means to be a first aider, how to use essential equipment, and treatments for more than 100 different conditions, from splinters and sprained ankles to strokes and unconsciousness. Clear step-by-step photography, all shot in-situ to reflect real-life situations, is featured throughout the book. Key Features: · Step-by-step photography throughout, to show the reader exactly what to do in any situation · Quick-reference emergency first aid section · Clear anatomy and physiology sections, to help the reader understand treatment priorities · Every condition clearly explained with causes, symptoms, and signs, as well as action plans

### **Emergency Nursing Certification (CEN): Self-Assessment and Exam Review**

REA's EMT Crash Course® is the only book of its kind for the last-minute studier or any prospective Emergency Medical Technician who wants a quick refresher before taking the NREMT Certification Exam. Targeted, Focused Review - Study Only What You Need to Know Written by an EMS Program Director and NREMT paramedic with

30 years of experience, EMT Crash Course® relies on the author's careful analysis of the exam's content and actual test questions. It covers only the information tested on the exam, so you can make the most of your valuable study time. Our fully indexed targeted review covers all the official test categories including airway, ventilation, oxygenation, trauma, cardiology, medical, and EMS operations and is packed with practice questions and answers at the end of each chapter. Also included are tips and insights on résumé building, information on finding additional training opportunities, and more. Expert Test-taking Strategies Our experienced EMT author explains the structure of the NREMT Certification Exam, so you know what to expect on test day. He also shares detailed question-level strategies and shows you the best way to answer questions. By following our expert tips and advice, you can score higher on every section of the exam. Must-know Key Terms Knowing the right medical terminology can make a real difference in your test score. That's why we cover more than 400 EMT terms you need to know before you take your exam. Full-length Online Practice Exam The book comes with a true-to-format online practice test with diagnostic feedback, topic-level scoring, and detailed answer explanations to help students gauge their test-readiness. No matter how or when you prepare for the EMT exam, REA's EMT Crash Course® will show you how to study efficiently and strategically, so you can get a great score!--

### **Pediatric Advanced Life Support (PALS) Provider Handbook**

Pediatric Advanced Life Support Provider Manual provides the most recent AHA Guidelines needed by paramedics, EMTs, nurses, medical students, and physicians. This student manual for the classroom- based PALS course is an essential resource for training physicians, nurses, and emergency medical care providers in PALS. PALS Provider manual is based on the 2010-2014 American Heart Association Guidelines for CPR and emergency cardiac care.

### **Heartsaver First Aid CPR AED Student Workbook (Japanese)**

Product 15-2116JP

### **Moderate and Deep Sedation in Clinical Practice**

Product 15-3105

### **Advanced Cardiac Life Support (ACLS) Provider Handbook**

Cardiac arrest can strike a seemingly healthy individual of any age, race, ethnicity, or gender at any time in any location, often without warning. Cardiac arrest is the third leading cause of death in the United States, following cancer and heart disease. Four out of five cardiac arrests occur in the home, and more than 90

percent of individuals with cardiac arrest die before reaching the hospital. First and foremost, cardiac arrest treatment is a community issue - local resources and personnel must provide appropriate, high-quality care to save the life of a community member. Time between onset of arrest and provision of care is fundamental, and shortening this time is one of the best ways to reduce the risk of death and disability from cardiac arrest. Specific actions can be implemented now to decrease this time, and recent advances in science could lead to new discoveries in the causes of, and treatments for, cardiac arrest. However, specific barriers must first be addressed. Strategies to Improve Cardiac Arrest Survival examines the complete system of response to cardiac arrest in the United States and identifies opportunities within existing and new treatments, strategies, and research that promise to improve the survival and recovery of patients. The recommendations of Strategies to Improve Cardiac Arrest Survival provide high-priority actions to advance the field as a whole. This report will help citizens, government agencies, and private industry to improve health outcomes from sudden cardiac arrest across the United States.

### **EMT Crash Course with Online Practice Test, 2nd Edition**

The Save a Life Initiative has just released its newest course: Advanced Cardiac Life Support (ACLS). This manual is based on the 2015-2020 Advanced Cardiac Life Support guidelines published by the American Heart Association. The Advanced

Cardiac Life Support (ACLS) Provider Handbook is a comprehensive resource intended for health care professionals currently enrolled in an Advanced Cardiac Life Support Certification or Recertification Course. It serves as the primary training material for ACLS Certification and Recertification courses. Although it is primarily intended for use during their courses, the handbook was also created to serve as daily reference material for health care professionals. Information covered in the handbook includes ACLS instruction for adults and children through multiple case scenarios. Case scenarios include, but are not limited to, respiratory arrest, ventricular fibrillation and bradycardia. Specific ACLS Algorithms and more are also included within the handbook. All material included in this handbook is delivered in a manner meant to enhance learning in the most comprehensive and convenient way possible.

### **Pediatric Advanced Life Support Provider Manual (International English)**

An essential resource for any nursing student, this invaluable guide gives you the tools you need to overcome text anxiety and develop effective study habits. Key topics include time management, critical thinking, and problem solving, with tips to help you tackle any nursing test — from a routine quiz to the NCLEX® examination. You'll learn how to confidently evaluate and identify the correct

answer for a variety of test question types, including alternate item formats, with chapters on the nursing process, prioritization methods, and safety strategies. This title includes additional digital media when purchased in print format. For this digital book edition, media content may not be included. Coverage of detailed critical thinking methods offer valuable clues to help you analyze and uncover the correct answer option for all question types, including multiple-choice, true-or-false, and alternate item-format questions Chapters on specific question content, such as prioritization, pharmacology, management, and delegation, provide numerous examples to prepare you for higher cognitive level questions A fun, two-color design features cartoons and bold designs to help visual learners become better overall test-takers. Linda Silvestri's hallmark Pyramid Points in the margins highlight the most important concepts you need to learn for exam success. Refocused content emphasizes comprehensive test preparation to help you develop, refine, and apply the reasoning skills you need to succeed throughout nursing school and on the NCLEX® examination. A new chapter on reducing test anxiety offers simple strategies you can use to control test-induced stress and gain the confidence you need to pass exams. A new chapter on developing a structured study plan provides helpful tips for improving time management for more efficient exam preparation.

### **Discovering Nutrition**

Healthcare decision makers in search of reliable information that compares health interventions increasingly turn to systematic reviews for the best summary of the evidence. Systematic reviews identify, select, assess, and synthesize the findings of similar but separate studies, and can help clarify what is known and not known about the potential benefits and harms of drugs, devices, and other healthcare services. Systematic reviews can be helpful for clinicians who want to integrate research findings into their daily practices, for patients to make well-informed choices about their own care, for professional medical societies and other organizations that develop clinical practice guidelines. Too often systematic reviews are of uncertain or poor quality. There are no universally accepted standards for developing systematic reviews leading to variability in how conflicts of interest and biases are handled, how evidence is appraised, and the overall scientific rigor of the process. In *Finding What Works in Health Care* the Institute of Medicine (IOM) recommends 21 standards for developing high-quality systematic reviews of comparative effectiveness research. The standards address the entire systematic review process from the initial steps of formulating the topic and building the review team to producing a detailed final report that synthesizes what the evidence shows and where knowledge gaps remain. *Finding What Works in Health Care* also proposes a framework for improving the quality of the science underpinning systematic reviews. This book will serve as a vital resource for both sponsors and producers of systematic reviews of comparative effectiveness research.

## **Bystander CPR**

Ventricular arrhythmias cause most cases of sudden cardiac death, which is the leading cause of death in the US. This issue reviews the causes of arrhythmias and the promising new drugs and devices to treat arrhythmias.

## **Advanced Cardiovascular Life Support Instructor Manual**

Master the art of caring for children with most effective, efficient, and affordable title on pediatric nursing care. Taking on a family focus, this student-friendly text teaches growth, development, and information on the major body system alterations. Plus, dramatically streamlined content and new learning tools make this new edition even more tailored to your learning needs. Expert reviews of chapter content ensure all chapters include current practices, terms, and updated information. Health Promotion boxes summarize information from the American Academy of Pediatrics to teach you how to perform a comprehensive assessment of well infants and children at various ages. Illustrated Procedure boxes include step-by-step instructions for common nursing tasks. Pathophysiology boxes explain changes in physiology that occur in a variety of diseases and disorders in children. Nursing process highlighted in nursing care plans and in-text discussions. Clinical Reference pages provide students with easy-to-find reference sections, including

basic anatomy and physiology, pediatric differences, related laboratory and diagnostic tests, and commonly prescribed medications. Safety Alert boxes highlight patient safety as part of the QSEN initiative for better outcomes of nursing care. Updated Evidence-Based Practice boxes (formerly Using Research to Improve Practice) assist you in determining best practices in your future care of children. Patient-Centered Care boxes guide you in teaching the parents and child about self-care in the home and follow-up care in community-based health care settings. Streamlined Nursing Care Plans have been reformatted to make them easier to read and use. Updated photos throughout the book keep the text up-to-date and visually appealing. Key concepts are highlighted in the book and their definitions are provided in a glossary.

### **Strategies to Improve Cardiac Arrest Survival**

Preceded by: Discovering nutrition / by Paul Insel [et al.]. 4th ed. c2013.

### **Point-of-Care Ultrasound Techniques for the Small Animal Practitioner**

Here's all the information you need to respond to cardiac emergencies in one pocket-sized book! This quick-reference guide provides easy-to-access coverage of

all three levels of care—infant, child, and adult—plus listings for all drugs required for ACLS and PALS in both adult and pediatric dosages.

### **Emergency Medicine PreTest Self-Assessment and Review, Fourth Edition**

A concise, practical handbook giving up-to-date, evidence based, 'how to' guidance on safe, effective procedural sedation.

### **Nursing Care of Children - E-Book**

An in-depth review by leading authorities of the latest therapies and techniques for rescuing persons in cardiac arrest. The authors explore the physiology behind current state-of-the-art clinical resuscitation and translate it into practical bedside recommendations, clinical tips, and expert techniques. Topics of interest include the epidemiology of sudden death, management of ventilation, chest compression technique training, public access defibrillation, drug delivery during CPR, the latest drug therapies, and cardiac arrest in disease, pregnancy, drowning, lightning strike, and trauma. The authors also review the major ongoing research in resuscitation science that will likely affect the next set of international resuscitation guidelines.

## **Ventricular Arrhythmias**

1 copy of the Basic Life Support (BLS) For Healthcare Providers Instructor Manual (90-1036), 1 Basic Life Support (BLS) For Healthcare Providers Course And Renewal Course DVD (90-1035), 1 copy of the Basic Life Support (BLS) For Healthcare Providers Student Manual (90-1038), and 1 American Heart Association Stopwatch (90-1509).

## **BLS for Healthcare Providers**

Essentials of Sea Survival contains original scientific research and investigations from two internationally recognized experts on cold-water survival. In addition to having practical personal experience with cold water immersion, Frank Golden and Michael Tipton regularly lecture at various international conferences about water survival, and they are frequently called on for expert commentary on television and radio. The majority of books on this subject are personal survival accounts; few relate to scientific studies. This book is different: Using reader-friendly language, two leading environmental physiologists present the facts and dispel the myths of surviving a sea accident. The book, thanks to the real-life stories and easy-to-read format, will appeal primarily to the layperson who works or plays on or near the water. The text will also be of interest to an academic audience, who will

appreciate the original research and up-to-date physiological and medical information *Essentials of Sea Survival* is a compelling, informative, and comprehensive guide to open-water survival. Drawing from classic maritime disasters and personal accounts of near-miraculous survival, as well as carefully controlled laboratory experiments, it offers practical advice for avoiding as well as surviving a cold-water accident. It's an important reference for anyone associated with open-air aquatic activities, such as members of the Coast Guard, Navy, and Marines; offshore oil rig employees; fishermen; divers; amateur and professional sailors; water safety instructors and life guards; water rescue personnel; boaters; water skiers; outdoor survival course instructors; and other recreational water sports enthusiasts.

### **First Aid, Survival, and CPR**

Produced in cooperation with the National Association of School Nurses, this text includes comprehensive coverage of the multiple facets of school nursing—from the foundations of practice and the roles and functions of a school nurse through episodic and chronic illness and behavioral issues, to legal issues and leading and managing within school settings. Written and edited by school nurses and pediatric experts, it features real-world-tested, best practices based on evidence and experience. There's content here that you won't find in other books, such as health assessments, individualized health plan development, mental health conditions

including adolescent depression, contemporary legal issues, and current policy statements essential to school nursing.

### **ACEP First Aid Manual 5th Edition**

Updated to reflect the new 2005 emergency cardiovascular care guidelines! Popular author, Barbara Aehlert, incorporates both prehospital and hospital management of pediatric emergencies. In a concise, easy-to-read outline format, it provides the most essential information a provider needs. It is also the approved text for the American Safety & Health Institute's (ASHI) pediatric advanced life support course. For more information on ASHI courses, call 800-246-5101 or visit [www.ashinstitute.org](http://www.ashinstitute.org). Instructor resources available; contact your sales representative for details. An outline format featuring bulleted lists, concise tables, and a user-friendly writing style makes this comprehensive text incredibly easy to read and understand. A Pretest and a Posttest consisting of multiple choice, true/false, fill in the blank, and essay questions tests readers' overall comprehension of the material. Updated to reflect the new 2005 emergency cardiovascular care guidelines. PALS Pearl Boxes help readers apply information covered in the text to real-life clinical situations. Sidebars contain additional information relevant to the topics covered in the chapter, giving readers an opportunity for further learning. A laminated quick reference card gives practitioners easy access to critical information in the field or hospital. This

convenient card includes essential information regarding respiratory and heart rates, blood pressure, basic life support interventions, Glasgow Coma Scale, airway size and equipment selection for intubation corresponding to the Broselow Resuscitation Tape, several pediatric algorithms, and pain assessment tools.

### **American Red Cross First Aid/CPR/AED Participant's Manual**

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 Emergencies; Gastrointestinal Emergencies; Neurologic Emergencies; Maxillofacial and Ocular Emergencies; Orthopedic and Wound Emergencies; Respiratory

Emergencies; Medical Emergencies and Communicable Diseases; Professional Issues

### **Potter and Perry's Fundamentals of Nursing: Second South Asia Edition - E-Book**

### **Moving Toward Universal Coverage of Social Health Insurance in Vietnam**

The student workbook for the credentialed Heartsaver Pediatric First Aid course. Provides information on how to manage illness and injuries in a child during the first few minutes of an emergency until professional help arrives. Includes four core modules: First Aid Basics, Injuries and Illnesses, Life-Threatening Emergencies and the Chain of Survival, and CPR and AED. Also includes optional modules, such as Use of a Nebulizer, to meet regulations for day-care centers in certain states. Workbook comes shrink-wrapped with the Heartsaver Pediatric First Aid Quick Reference Guide (#80-1002), the Adult CPR And AED Reminder Card, the Child And Infant CPR And AED Reminder Card, and a CD containing supplemental information and video clips on CPR and AED skills. An ideal resource for first responders, child-care workers, teachers, foster-care workers, camp counselors, youth organizations,

coaches/Little League organizations, as well as parents, grandparents, and baby sitters.

### **Heartsaver Pediatric First Aid**

Neonatal-perinatal medicine has a strong history of evidence based practice but unfortunately there remain many areas of uncertainty and unproven hypotheses and treatments that may harm our highly vulnerable patients. When new ideas are introduced into the labor and delivery room or the NICU we have to evaluate these procedures and therapies before they become accepted as standards of care. We need to learn from the past lessons of grey baby syndrome and chloramphenicol and of kernicterus and sulfonamide antibiotics where therapeutic good intentions actually did more harm than good and increased the mortality rate of premature babies in the NICU. This proposed edition addresses a broad range of current topics in perinatal neonatal practice. The AAP has just issued new guidelines for the approach to a neonate exposed to maternal genital herpes virus infection. The recommendations were not evidence based and are highly controversial as well as confusing. These topics are addressed in a scholarly and objective manner to both address the controversy and help the practitioner make informed decisions.

### **Textbook of Neonatal Resuscitation**

Product 15-1009

## **2015 American Heart Association Guidelines**

Background: It has been proved that bystander cardiopulmonary resuscitation (CPR) saves lives; however, which training method in CPR is most instructive and whether survival is affected by the training level of the bystander have not yet been fully described. Aim: To identify the factors that may affect 7th grade students' acquisition of CPR skills during CPR training and their willingness to act, and to describe 30-day survival from outof- hospital cardiac arrest (OHCA) after bystander CPR and the actions performed by laymen versus off-duty medically educated personnel. Methods: Studies I-III investigate a CPR training intervention given to students in 7th grade during 2013-2014. The classes were randomized to the main intervention: the mobile phone application (app) or DVD-based training. Some of the classes were randomized to one or several additional interventions: a practical test with feedback, reflection, a web course, a visit from elite athletes and automated external defibrillator (AED) training. The students' practical skills, willingness to act and knowledge of stroke symptoms, symptoms of acute myocardial infarction (AMI) and lifestyle factors were assessed directly after training and at 6 months using the Laerdal PC SkillReporting system (and entered into a modified version of the Cardiff test scoring sheet) and a questionnaire. The Cardiff test resulted in a total score of 12-48 points, and the questionnaire resulted

in a total score of 0–7 points for stroke symptoms, 0–9 points for symptoms of AMI and 0– 6 points on lifestyle factors. Study IV is based on retrospective data from the national quality register, the Swedish registry of cardiopulmonary resuscitation, 2010-2014. Results: A total of 1339 students were included in the CPR training intervention. The DVD-based group was superior to the app-based group in CPR skills, with a total score of 35 (SD 4.0) vs 33 (SD 4.2) points directly after training (p

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