

HeartCode® Pediatric Advanced Life Support (PALS) Part 1 Online Course

ORIGINAL RELEASE DATE: March 2009

TERMINATION DATE: July 16, 2015

LAST REVIEW DATE: May 2012

DESCRIPTION:

HeartCode PALS has been designed to aid the pediatric healthcare provider in developing the knowledge and skills necessary to efficiently evaluate and effectively manage seriously ill infants and children.

LEARNING OBJECTIVES:

At the conclusion, participants should be able to:

1. Describe the timely recognition and interventions required to prevent respiratory and cardiac arrest in any pediatric patient
2. Describe the systematic approach to pediatric assessment by using the initial impression, primary and secondary assessments, and diagnostic tests
3. Describe priorities and specific interventions for infants and children with respiratory and/or circulatory emergencies
4. Explain the importance of effective team dynamics, including individual roles and responsibilities, during a pediatric resuscitation
5. Describe the key elements of postresuscitation management
6. Perform effective, high-quality cardiopulmonary resuscitation (CPR) when appropriate
7. Perform effective respiratory management within your scope of practice
8. Select and apply appropriate cardiorespiratory monitoring
9. Select and administer the appropriate medications and electrical therapies when presented with an arrhythmia scenario
10. Establish rapid vascular access to administer fluid and medications
11. Demonstrate effective communication and team dynamics both as a team member and as a team leader

CONTINUING EDUCATION CREDIT:

HeartCode PALS Part 1 Online Course

ACCREDITATION TERMS:

- ACCME/AMA (Physicians) – July 17, 2012 – July 16, 2015
- ANCC (Nurses) – July 17, 2012 – July 16, 2015
- CECBEMS (EMS Practitioners) – July 17, 2012 – July 16, 2015

ACCREDITATION STATEMENTS:

Continuing Medical Education Accreditation – Physicians

The American Heart Association is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The American Heart Association designates this enduring material for a maximum of 10.25 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

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Continuing Medical Education Accreditation – Physician Assistants

AAPA accepts Category I credit from AOACCME, Prescribed credit from AAFP, and *AMA PRA Category 1 Credit*[™] from organizations accredited by ACCME.

Continuing Education Accreditation – Nurses

The American Heart Association is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

The maximum number of hours awarded for this CE activity is 10.00 contact hours.

Accredited status does not imply endorsement by the American Heart Association or the American Nurses Credentialing Center of any commercial products displayed in conjunction with an activity.

Continuing Education Accreditation – Emergency Medical Services

This continuing education activity is approved by the American Heart Association, an organization accredited by the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS), for 11.00 Advanced CEHs, activity number 12-AMHA-F3-0155.

Disclosures for HeartCode PALS Part 1 Online Course

- I. Instructions for Independent Study
Successful completion of this CE activity includes the following:
 - (1) Complete the team dynamics lesson, pass the 12 core cases, and complete the written exam with a score of 84% or higher.
 - (2) Complete the course evaluation form.
 - (3) Print the certificate/statement of credit.

- II. There is no additional fee for CME/CE/CEH credits for this activity.

Disclosure Statement

As a sponsor accredited by the Accreditation Council for Continuing Medical Education (ACCME), the American Nurses Credentialing Center's Commission on Accreditation (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Continuing Education Coordinating Board for Emergency Medical Services (CECBEMS), the American Heart Association must ensure fair balance, independence, objectivity, and scientific rigor in all of its individually sponsored or jointly sponsored educational activities.

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relationship from contributing but rather to provide participants with information with which they can make their own judgments. It remains for the participants to determine whether the author's interests or relationships may influence the content.

The following authors/faculty have declared NO financial interest(s) and/or affiliations:

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Unlabeled/unapproved uses of drugs or devices are included in this activity

The majority of resuscitation drugs used in this course are classified as "pediatric orphan drugs," meaning there are insufficient pediatric data to give FDA-approved endorsement for their use in children, and these uses are therefore considered "off-label." This includes, but is not limited to, procainamide, etomidate, vasopressin, amiodarone, and the procedures of ECMO and therapeutic hypothermia.

Note on Medication Doses

Emergency cardiovascular care is a dynamic science. Advances in treatment and drug therapies occur rapidly. Readers are advised to check for changes in recommended dose, indications, and contraindications in the following sources: future editions of the AHA *Handbook of Emergency Cardiovascular Care for Healthcare Providers* and AHA training materials, as well as the package insert product information sheet for each drug.

Clinical condition and pharmacokinetics may require drug dose or interval dosing adjustments. Specific parameters (for example, creatinine clearance or QT interval) may require monitoring. Some medications mentioned in this activity may not be available in all countries, and may not be specifically approved by regulatory agencies in some countries for a particular indication.

TARGET AUDIENCES:

Primary Audience:

- Physicians
- Nurses
- Paramedics/Advanced EMTs
- Residents
- Nurse Practitioners
- Physician Assistants