



Pediatric advanced life support for healthcare providers 2020 course

Introduction

SECTION 1: Summary of 2020 changes in recommendations

SECTION 2: Basic cardiac life support

SECTION 3: Assessment of the infant or child

SECTION 4: Saving lives through the management of respiratory problems

SECTION 5: Intervention in respiratory disease and failure: fixing the problem

SECTION 6: Respiratory equipment and its use

SECTION 7: Assessment and treatment of shock

SECTION 8: Recognizing and managing arrhythmias

SECTION 9: Management of cardiac arrest

SECTION 10: Successful resuscitation — what now?

Activity summary

- Activity title: Pediatric advanced life support (PALS)
- Release date: 2024-06-01
- Expiration date: 2027-05-31
- Estimated time to complete activity: 8 hours
- The exam includes 35 multiple choice questions, you must achieve 84% or better to pass.
- Course is compliant with Section 508 of the Americans with Disabilities Act (ADA) and includes text captioning for audio components.
- This course is accessible with any web browser.
- Jointly provided by Postgraduate Institute for Medicine and Pacific Medical Training.
- PIM Activity ID: 18514-6

Target audience

This activity has been designed to meet the educational needs of physicians, physician assistants, nurse practitioners, registered nurses, pharmacists and dentists involved in the care of pediatric patients who require advanced life support.

Educational objectives

Participants in this program will be able to:

- The student will gain an understanding of the 2020 American Heart Association Guidelines for Basic Life Support for Infants and Children.
- Recognize signs and symptoms that represent a life threat and require immediate intervention.
- Recognize describe when in depth examination is both appropriate and necessary.
- Recognize signs and symptoms of respiratory distress.
- Identify common causes of respiratory compromise in infants and children.
- Explain the importance of early intervention in respiratory problems.
- Outline the steps of intervention in each type of respiratory problem.
- List the indications and contraindications for oral and nasal airways.
- Describe when and how to utilize pulse oximetry.
- Recognize the signs and symptoms of compensatory shock in infants and children.
- Describe the immediate interventions required for the treatment of shock.
- Recognize the three categories of rhythms.
- Describe how to utilize a defibrillator for synchronized cardioversion.
- Recognize cardiopulmonary arrest.
- Name common medications used to treat cardiac arrest in infants and children.
- Name the priorities of care for post-cardiac arrest patients.

Content planners/faculty

- Judith Haluka, B.S., RCIS, EMT-Paramedic — State of Pennsylvania

Types of CE credits available and eligibility requirements for each credit type

- **AMA PRA Category 1 Credit™**: Continuing Medical Education (CME) AMA PRA Category 1 Credit™ credit is available to you if you are a Doctor of Medicine (MD) or Doctor of Osteopathic Medicine (DO). You must certify in your registration that you are an MD or DO to earn this type of CE credit.

- Non-Physician Medical Professionals: Designated for AMA PRA Category 1 Credit™ which is applicable to medical professionals who are not physicians, including chiropractors, paramedics, emergency medical technicians (EMT), etc.
- ACPE: Accreditation Council for Pharmacy Education (ACPE) credit is available to Pharmacists and Pharmacy Technicians. In order to earn ACPE credit, we are required by the National Association of Boards of Pharmacy (NABP) and ACPE to collect both your NABP number and date of birth in MM/DD format. You must enter it during registration to receive credit. You CANNOT use an organization/MTF NABP number, it must be YOUR number. If you do not have an NABP number, please go to https://store.nabp.net/OA_HTML/xxnabpibeGblLogin.jsp and sign up for this number. If you do not provide this information, you will not earn credit. All CE eligibility requirements noted above must be adhered to in order to receive this certification. Please note, due to ACPE guidelines, all credit awarded by ACPE accredited providers to Pharmacists and Pharmacy Technicians will be available via CPE Monitor. If participants would like a paper statement of credit, they may print an individual statement of credit or a transcript from their NABP e-profile.
- ADA CERP: American Dental Association, Continuing Education Recognition Program (CERP) credit is available to Dentists and Dental Technicians.
- ANCC CNE: American Nurses Credentialing Center, the Continuing Nursing Education (CNE) credit is available to Nurses and Nurse Practitioners.
- IPCE: Interprofessional Continuing Education credit is available for the healthcare team.

Joint Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine and Defense Health Agency Patient Safety Program. Postgraduate Institute for Medicine is jointly accredited by the Accreditation Council for Continuing Medical Education (ACCME), the Accreditation Council for Pharmacy Education (ACPE), and the American Nurses Credentialing Center (ANCC), to provide continuing education for the healthcare team.



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INTERPROFESSIONAL CONTINUING EDUCATION

Physician continuing medical education - AMA (MDs, DOs)

The Postgraduate Institute for Medicine designates this enduring material for a maximum of 8.0 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Continuing pharmacy education

Postgraduate Institute for Medicine designates this continuing education activity for 8.0 contact hours (0.8 CEUs) of the Accreditation Council for Pharmacy Education.

Universal Activity Number – JA4008162-9999-25-167-H01-P

Universal Activity Number – JA4008162-9999-25-167-H01-T

Type of activity – Knowledge

Continuing nursing education - ANCC (RNs, APRNs, NPs)

The maximum number of hours awarded for this continuing nursing education activity is 8.0 contact hours.

Continuing dental education - ADA

Postgraduate Institute for Medicine is an ADA CERP Recognized Provider. ADA CERP is a service of the American Dental Association to assist dental professionals in identifying quality providers of continuing dental education. ADA CERP does not approve or endorse individual courses or instructors, nor does it imply acceptance of the credit hours by boards of dentistry. Concerns or complaints about a CE provider may be directed to the provider or to the Commission for Continuing Education Provider Recognition at ADA.org/CERP.

Postgraduate Institute for Medicine designates this activity for 8.0 continuing education credits.

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Interprofessional continuing education



This activity was planned by and for the healthcare team, and learners will receive 8.0 Interprofessional Continuing Education (IPCE) credit for learning and change.

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Method of participation and request for credit

During the accreditation period, participants must read the learning objectives, faculty disclosures and study the entire educational activity.

If you wish to receive acknowledgment for participation of this CME/CE activity, you must complete the following:

- Complete the post-test and evaluation online within 10 days of the activity.
- Upon successfully completing the post-test with a score of 84% or better and the activity evaluation, your certificate will be made available via email.

For Pharmacists and Pharmacy Technicians:

- You must provide your NABP ePID and date of birth in MM/DD format during registration to receive credit.
- Upon successfully completing the post-test with a score of 84% or better and the activity evaluation form, transcript information will be sent to the NABP CPE Monitor Service within 4 weeks.
- You are not eligible to receive ACPE credit if you have previously received credit for this activity.

If you have questions regarding the certification of this activity, please contact PIM via email at inquiries@pimed.com.

Media

Internet

Disclosure of unlabeled use

This educational activity may contain discussion of published and/or investigational uses of agents that are not indicated by the FDA. The planners of this activity do not recommend the use of any agent outside of the labeled indications. The opinions expressed in the educational activity are those of the faculty and do not necessarily represent the views of the planners. Please refer to the official prescribing information for each product for discussion of approved indications, contraindications, and warnings.

Disclaimer

Participants have an implied responsibility to use the newly acquired information to enhance patient outcomes and their own professional development. The information presented in this activity is not meant to serve as a guideline for patient management. Any procedures, medications, or other courses of diagnosis or treatment discussed or suggested in this activity should not be used by clinicians without evaluation of their patient's conditions and possible contraindications and/or dangers in use, review of any applicable manufacturer's product information, and comparison with recommendations of other authorities.