

Pediatric Advanced Life Support for Healthcare Providers 2020 Course

Pediatric Advanced Life Support (PALS) is an advanced level course designed for those who are present, participate in, or are responsible for the care of critically ill pediatric patients. It includes topics such as airway management, arrhythmia management, cardiac arrest resuscitation, recognition and treatment of shock and post cardiac arrest management.

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
- Release date: 2021-06-01
- Expiration date: 2024-06-01
- Estimated time to complete activity: 8 hours

- This course is accessible with any web browser. We recommend recent versions of Google Chrome, Internet Explorer 9 and later, or Apple iPad.
- This course is jointly provided by Pacific Medical Training and Postgraduate Institute for Medicine (PIM). You may reach PIM at inquiries@pimed.com.

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 patients who require advanced life support.

Educational Objectives

After completing this activity, the participant should be better 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.
- Understand 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.
- Understand the importance of early intervention in respiratory problems.
- Understand the steps of intervention in each type of respiratory problem.
- Understand 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.
- Understand 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.

Faculty

- Judith Haluka, EMT-Paramedic – State of Pennsylvania
- Dr. Waqar-UI-Haq Shafaat, MD

Joint Accreditation Statement

In support of improving patient care, this activity has been planned and implemented by the Postgraduate Institute for Medicine and Pacific Medical Training. 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.



JOINTLY ACCREDITED PROVIDER™
INTERPROFESSIONAL CONTINUING EDUCATION

Physician Continuing Medical Education

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.

Pharmacist Continuing Education

Credit Designation

Postgraduate Institute for Medicine designates this continuing education (CE) activity for 8 contact hour(s) or 0.8 continuing education units (CEUs) of the Accreditation Council for Pharmacy Education.

Universal Activity Number – JA4008162-9999-18-128-H01-P

Type of Activity

Application

Nursing Continuing Education

Credit Designation

The maximum number of hours awarded for this Continuing Nursing Education activity is 8.0 contact hours.

Dentist Continuing Education

This continuing education activity has been planned and implemented in accordance with the standards of the American Dental Association Continuing Education Recognition Program (ADA CERP) through joint providership efforts between Postgraduate Institute for Medicine and Pacific Medical Training.

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.

Postgraduate Institute for Medicine designates this activity for 8 continuing education credits.

Concerns or complaints about a CE Provider may be directed to the provider or to ADA CERP at www.ada.org/cerp.

Disclosure of Conflicts of Interest

Postgraduate Institute for Medicine requires instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest (COI) they may have as related to the content of this activity. All identified COI are thoroughly vetted and resolved according to PIM policy. PIM is committed to providing its learners with high quality continuing medical education (CME) activities and related materials that promote improvements or quality in healthcare and not a specific proprietary business interest of a commercial interest.

The faculty reported the following financial relationships or relationships to products or devices they or their spouse/life partner have with commercial interests related to the content of this CME activity:

- Judith Haluka — Has no real or apparent conflicts of interest to report
- Waqar-ul-Haq Shafaat, MD — Has no real or apparent conflicts of interest to report.

The PIM planners and managers have nothing to disclose. The Pacific Medical Training planners and managers have nothing to disclose.

Method of Participation and Request for Credit

During the period 2021-06-01 through 2024-06-01 participants must read the learning objectives and faculty disclosures and study the educational activity.

Your CME certificate will be available online after completing a post-course evaluation, and achieving a score of 84% or better.

For Pharmacists: 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 National Association of Boards of Pharmacy (NABP) Continuing Pharmacy Education (CPE) Monitor ® Service within 4 weeks.

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 Food and Drug Administration (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.