



University of Iowa Health Care

# 2010 PALS Provider Course Registration

for  
NON-UIHC Staff

EMS Learning Resources Center  
6 South, GH

April 6, 8, 13 (Tues, Thurs, Tues)  
6pm-10pm EACH EVENING

August 2-3 (Mon, Tues)  
8am-5pm - DAY 1; 8am - 1pm - DAY 2

November 2, 4, 9 (Tues, Thurs, Tues)  
6pm - 10pm EACH EVENING

Thank you for your interest in the Pediatric Advanced Life Support (PALS) Provider courses.

Although we do not require proof of CPR certification before registration, you must be proficient in CPR before participating in this course. Your CPR skills will be evaluated during the PALS clinical cases, so please be familiar with the American Heart Association CPR guidelines.

Successful completion of PALS does not renew your CPR card.

Please read the new course participant eligibility policies carefully and determine your status prior to registration.

**NON-UIHC STAFF** - FEE \$240

This includes adjunct faculty and any NON-UIHC employee participants.

The \$240 includes PALS textbook, nursing CEUs and EMS provider CEHs.

## Pediatric Advanced Life Support Provider Course — NON-UIHC Staff

### Registration

Please complete the enclosed registration, sign and return to the EMSLRC with payment as soon as possible. Space is limited and available FIRST COME, FIRST SERVED.

WE ARE UNABLE TO ACCEPT PHONE REGISTRATIONS.

All registrations must be postmarked or FAXED no later than six (6) business days before the first day of class.

The \$240 course fee ensures your enrollment in the course. Payment is required with completed registration. Participants will retain course materials. Nursing CEU and EMS provider CEH credit fees are included.

Course materials will be mailed 4-6 weeks prior to the course start date.

### Cancellation Policy

You will receive a refund of all but \$10.00 of your registration fee if your registration is canceled prior to the beginning of the course, a 50 percent refund will be provided. If registration is cancelled less than 48 hours prior to the beginning of the course, no tuition refund will be provided.

### Continuing Education Credits

CEU credits are optional and will be granted by the University of Iowa Hospitals and Clinics Department of Nursing (IBN Approved Provider #34). Participants must attend the entire program to receive credit.

1.2 CEUs or 12 contact hours awarded for the PALS Provider Course.

Please direct any questions concerning nursing credits to the Nursing Clinical Education Center at 319.356.4304.

The EMSLRC will award 12 CEHS for qualifying EMS providers.

## Pediatric Advanced Life Support Provider Course — NON-UIHC Staff

### Course Pre-requisites

Students are required to study materials and complete a pre-course written exam. They must:

- Have BCLS for healthcare providers, basic airway management and IV skills
- Know basic pharmacology
- Be able to recognize basic ECGs

### Educational Objectives

Upon completion of this program, each participant will be able to:

- 1) Recognize the signs and symptoms of impending cardiac arrest in children and perform a rapid cardiopulmonary assessment.
- 2) Discuss common fluids and emergency care drugs used in the prevention and treatment of cardiopulmonary failure and arrest in children.
- 3) Perform basic life support and demonstrate bag-valve-mask ventilation procedures.
- 4) Discuss, demonstrate and practice using airway adjuncts for pediatric patients.
- 5) Discuss vascular access in children and demonstrate intraosseous line placement.
- 6) Discuss and demonstrate cardiac rhythm recognition in children.
- 7) Discuss and manage pediatric patients in shock, respiratory failure and cardiopulmonary arrest.
- 8) Discuss the principles of the primary survey and resuscitation of the pediatric trauma patient with emphasis on shock management.

### Faculty

The Pediatric Advanced Life Support courses are taught by qualified PALS instructors approved by the American Heart Association.

### Course Location

The Pediatric Advanced Life Support courses are conducted in the University of Iowa Hospitals and Clinics, EMSLRC, 6-South, GH. 319.356.2597

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Individuals with disabilities are encouraged to attend all University of Iowa sponsored events. If you are a person with a disability who requires an accommodation in order to participate in this program, please contact the EMSLRC in advance at (319) 356-2597.

## DAY COURSE Schedule - August

### DAY ONE

8:00am Welcome/Verification of Pre-tests  
8:10 PALS Course Overview Video  
8:25 Overview of PALS Science Video  
Management of Respiratory Emergencies;  
CPR/AED Practice and Competency Testing  
8:50 Groups 1 and 3; Groups 2 and 4  
9:50 Break  
10:00 Groups 2 and 4; Groups 1 and 3  
Rhythm Disturbances Electrical Therapy;  
Vascular Access Skills Station  
11:00 Groups 1 and 3; Groups 2 and 4  
11:30 Groups 2 and 4; Groups 1 and 3  
Noon Lunch (on your own)  
1:00pm Resuscitation Team Concept Video  
Core Case Simulations: Cardiac Cases 1 and 2  
1:30 All Groups (Four stations)  
2:00 Overview of Pediatric Assessment Video  
2:10 Overview of Core Case Discussions/Simulations  
2:20 Break  
2:30 Core Case Discussion: Cardiac Cases 3 and 4  
Core Case Simulations: Cardiac Cases 3 and 4  
2:50 All Groups (Four stations)  
3:20 Core Case Discussion: Respiratory Cases 1 and 2  
Core Case Simulation: Respiratory Cases 1 and 2  
3:40 All Groups (Four stations)  
4:10 Core Case Discussion: Respiratory Cases 3 and 4  
Core Case Simulation: Respiratory Cases 3 and 4  
5:00 Recess

### DAY TWO

8:00am Core Case Discussion: Shock Cases 1 and 2  
Core Case Simulations: Shock Cases 1 and 2  
8:20 All groups (Four stations)  
8:50 Core Case Discussion: Shock Cases 3 and 4  
Core Case Simulations: Shock Cases 3 and 4  
9:10 All groups (Four stations)  
9:40 Break  
Putting it All Together Learning Station  
9:55 All Groups (Four stations)  
10:55 Course Summary and Testing Details  
11:00 Written Test  
Core Cases Testing Cardiac;  
Core Cases Testing Respiratory and Shock  
Noon Groups 1 and 3; Groups 2 and 4  
1:00 Adjourn

## EVENING COURSE Schedule - April; November

### EVENING ONE

6:00pm Welcome/Verification of Pre-tests  
6:10 Overview of PALS Science Video  
Management of Respiratory Emergencies;  
CPR/AED Practice and Competency Testing  
6:35 Groups 1 and 3; Groups 2 and 4  
7:35 Groups 2 and 4; Groups 1 and 3  
8:35 Break  
Rhythm Disturbances Electrical Therapy;  
Vascular Access Skills Station  
8:45 Groups 1 and 3; Groups 2 and 4  
9:15 Groups 2 and 4; Groups 1 and 3  
9:45 Questions  
10:00 Recess

### EVENING TWO

6:00pm Resuscitation Team Concept Video  
Core Case Simulations; Cardiac Cases 1 and 2  
6:30 All Groups (Four stations)  
7:00 Overview of Pediatric Assessment Video  
7:10 Overview of Core Case Discussions/Simulations  
7:20 Break  
7:30 Core Case Discussion: Cardiac Cases 3 and 4  
Core Case Simulations: Cardiac Cases 3 and 4  
7:50 All Groups (Four stations)  
8:20 Core Case Discussion: Respiratory Cases 1 and 2  
Core Case Simulation: Respiratory Cases 1 and 2  
8:30 All Groups (Four stations)  
9:00 Core Case Discussion: Respiratory Cases 3 and 4  
Core Case Simulation: Respiratory Cases 3 and 4  
9:10 All Groups (Four stations)  
9:40 Questions  
10:00 Recess

### EVENING THREE

6:00pm Core Case Discussion: Shock Cases 1 and 2  
Core Case Simulations: Shock Cases 1 and 2  
6:15 All groups (Four stations)  
6:40 Core Case Discussion: Shock Cases 3 and 4  
Core Case Simulations: Shock Cases 3 and 4  
6:55 All groups (Four stations)  
Putting it All Together Learning Station  
7:20 All Groups (Four stations)  
7:50 Break  
8:00 Written Test  
Core Cases Testing Cardiac;  
Core Cases Testing Respiratory and Shock  
9:00 Groups 1 and 3; Groups 2 and 4  
9:30 Groups 2 and 4; Groups 1 and 3  
10:00 Adjourn

