

**University of Iowa
Hospitals & Clinics**

Department of Nursing
Services and Patient Care
Emergency Medical Services-
Learning Resource Center

Location:
S608 General Hospital

Elevator C, Level 6
Phone: 356-2597
emslrc@uiowa.edu
200 Hawkins Drive
Iowa City, IA 52242

Intended Audience:

RNs employed in the UIHC
Department of Nursing and
Respiratory Therapists
employed at UIHC for whom
PALS certification is required for
their employment

Registration:

**Pre-registration is required at
least four weeks prior to the
class. We reserve the right to
cancel classes due to
insufficient enrollment.**

Nurse Managers or staff may
register individuals for the initial
and Renewal PALS through
CVent via the EMSLRC site:
[https://uihc.org/emslrc-
program-and-course-policies](https://uihc.org/emslrc-program-and-course-policies)

Questions about registration or
course information should be
directed to EMSLRC at 356-2597;
Janet Hosking at 319-356-2747 or
janet-hosking@uiowa.edu; or
Amy Bowman at 319-356-1239 or
amy-bowman@uiowa.edu or

Course Fees:

There is no fee for the course
or for the optional nursing CE
credits.

Nursing Contact Hours:

Contact hours will be awarded
by UIHC Department of Nursing
(IBN Approved Provider #34).
Participants must attend the
entire program to receive full
credit.

Initial class: **8 contact hours**

Renewal class: **3 contact hours**

Pediatric Advanced Life Support (PALS) Initial and Renewal Classes for Department of Nursing and Respiratory Care

2020 PALS Initial Provider Courses—2 days Day 1: 0830-1630 Day 2: 0830-1200		2020 PALS Renewal Courses 4-hour course
March 9, 2020	March 10, 2020	January 29, 2020
May 28, 2020	May 28, 2020	February 19, 2020
		March 18, 2020
July 22, 2020 ^{Cancelled}	July 23, 2020 ^{Cancelled}	April 1, 2020
		May 19, 2020
October 22, 2020	October 23, 2020	June 2, 2020
December 7, 2020	December 8, 2020	June 9, 2020
		June 11, 2020
		July 9, 2020
		August 18, 2020
		September 23, 2020
		October 1, 2020
		December 4, 2020

Purpose and Description: The PALS course is designed to help all course participants succeed in acquiring the lifesaving skills and knowledge they need to perform their professional role in resuscitation attempts. This course is taught by American Heart Association qualified instructors and content experts in cardiovascular care.

Course Prerequisites:

Class size is limited to 24 participants from the Department of Nursing or Respiratory Care or by permission from the course coordinator. Students are required to study material and complete pre-course written exam. They are required to have current BLS for health care providers, basic pharmacology, and previous EKG experience (including completing the initial ECG course and testing for Department of Nursing staff).

Objectives:

1. Perform the systematic approach to pediatric assessment of a seriously ill or injured child, including the general, primary, secondary and tertiary assessment.
2. Summarize the “initial impression-primary assessment-secondary assessment-evaluation” approach to management of a seriously ill infant or child.
3. Recognize and manage a child in respiratory distress or failure and/ or compensated or hypotensive shock.
4. Recognize and manage a child with a life-threatening bradyarrhythmia, tachyarrhythmia, or cardiac arrest rhythms.
5. Describe key elements of resuscitation team behaviors and explain why the foundation of successful resuscitation includes both mastery of basic skills and effective team dynamics.
6. Apply team dynamics: Describe roles and responsibilities of effective teams. Demonstrate effective team dynamics in pediatric case scenarios.
7. Discuss common fluids and emergency care drugs used in the prevention and treatment of cardiopulmonary failure and arrest in children.
8. Team-lead in one cardiac and either a shock or respiratory scenario.

UIHC Faculty:

EMSLRC coordinator: Lori Kuester, Nationally Registered Paramedic (NRP)
Department of Nursing: Janet Hosking, MSN, RN-BC, and Amy Bowman MSN, RN, CCRN

PALS Initial Provider Course Agenda



Day 1

08:30 – Videos - Life Is Why Activity (Optional)
 Course Introduction
 Science of Resuscitation
 Systematic Approach
 Team Dynamics
 IO/AED Demonstration

09:30 – INSTRUCTORS HERE

09:30 – Break

09:45 – Video - Management of Respiratory Emergencies

10:00 - Divide into Groups	Learning/Testing Stations: Respiratory	Learning/Testing Stations: Respiratory	Learning/Testing Stations: Respiratory	Learning/Testing Stations: Respiratory
	Instructor:	Instructor:	Instructor:	Instructor:

11:00 – Video-Management of Shock Emergencies

11:15 – Divide into Groups	Learning/Testing Stations: Shock	Learning/Testing Stations: Shock	Learning/Testing Stations: Shock	Learning/Testing Stations: Shock
	Instructor:	Instructor:	Instructor:	Instructor:

12:00 – Lunch

13:00 – Video Management of Arrhythmia Emergencies
 BLS Child/Infant CPR/Choking
 Post Cardiac Arrest Care

13:30 – INSTRUCTORS HERE

13:45 – Divide into Groups (Each student demonstrates two minutes of CPR. One and two rescuer child and infant CPR, choking infant.)	Learning/Testing Stations: Arrhythmia (1 Hour)	Learning/Testing Stations: Arrhythmia (1 Hour)	Learning/Testing Stations: Arrhythmia (1 Hour)	Learning/Testing Stations: Arrhythmia (1 Hour)
	Practice All Scenarios	Practice All Scenarios	Practice All Scenarios	Practice All Scenarios
	Instructor:	Instructor:	Instructor:	Instructor:

15:45 – Break

16:00 – Video - Coping with Death

16:30 – Questions & Adjourn

Day 2

08:30 – Divide into Groups	Practice/Testing Stations: (Depending on Group Choice)	Practice/Testing Stations: (Depending on Group Choice)	Practice/Testing Stations: (Depending on Group Choice)	Practice/Testing Stations: (Depending on Group Choice)
	Instructor:	Instructor:	Instructor:	Instructor:

10:00 – Written Examination

12:30 – Adjourn

AM PALS Renewal Schedule

0830- 0835 Welcome, Introduction, and Course Administration
 0835 Life Is Why (optional)
 0835- 0844 Science of Pediatric Resuscitation
 0844 Basic Life Support (will do in the stations)
 0844- 0909 Systematic Approach
 0909-0918 Team Dynamics
 0918--0924 Post- Cardiac Arrest Care
 0930 INSTRUCTORS HERE
 0930 Coping with Death (optional)
 0930-0940 BREAK

0940- Divide into Groups	Case Scenarios Practice and Testing BLS-1 and 2 Rescuer Infant and Child. 1-Resp. or Shock and 1 Cardiac Scenario	Case Scenarios Practice and Testing BLS-1 and 2 Rescuer Infant and Child. 1 Resp. or Shock and 1 Cardiac Scenario	Case Scenarios Practice and Testing BLS-1 and 2 Rescuer Infant and Child. 1-Resp. or Shock and 1 Cardiac Scenario	Case Scenarios Practice and Testing BLS-1 and 2 Rescuer Infant and Child. 1 Resp. or Shock and 1 Cardiac Scenario
Instructor				
0940-1130	Group 1	Group 2	Group 3	Group 4
1130-1230	Written Test			

PM PALS Renewal Schedule

1300 - 1305 Welcome, Introduction, and Course Administration
 1305 Life is Why (Optional)
 1307 - 1316 Science of Pediatric Resuscitation
 1316 Basic Life Support (Will do in the stations)
 1316 - 1341 Systematic Approach
 1341– 1349 Team Dynamics
 1349- 1355 Post- Cardiac Arrest Care
 1400 INSTRUCTORS HERE
 1400 Coping with Death (Optional)
 1400-1410 BREAK

1410- Divide into Groups	Case Scenario Practice and Testing BLS- 1 and 2 Rescuer Infant and Child. 1-Resp or Shock and 1 Cardiac Scenario	Case Scenario Practice and Testing BLS- 1 and 2 Rescuer Infant and Child. 1-Resp or Shock and 1 Cardiac Scenario	Case Scenario Practice and Testing BLS- 1 and 2 Rescuer Infant and Child 1-Resp or Shock and 1 Cardiac Scenario	Case Scenario Practice and Testing BLS- 1 and 2 Rescuer Infant and Child 1-Resp or Shock and 1 Cardiac Scenario
Instructor				

1410-1600	Group 1	Group 2	Group 3	Group 4
1600-1700	Written Test			

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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 Department of Nursing in advance at (319) 356-1238.

