

**University of Iowa
Hospitals & Clinics**

Department of Nursing
Services and Patient Care
Nursing Clinical Education Center
4 West, General Hospital
319-356-1238 Tel

Location:
8770 JPP

Intended Audience:
OB nurses and providers
employed at UIHC

Registration:
Pre-registration is required.
Contact Jeana Forman at
319-353-7263 or
jeana-forman@uiowa.edu for
registration or questions about
the course.

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

Nursing Credits:
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 ACLS OB & AHA ACLS
10.5 contact hours
(Day 1=7.5 & Day 2=3.0)

RENEWAL ACLS OB:
6.9 contact hours

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.

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Opportunity and Diversity, the University of
Iowa, 202 Jessup Hall, Iowa City, IA, 52242-1316,
319-335-0705 (voice), 319-335-0697 (TDD),
diversity@uiowa.edu.

Advanced Cardiac Life Support (ACLS) OB Initial AHA ACLS and ACLS OB

INITIAL ACLS OB & AHA ACLS

Dates:
February 24 & 25, 2021

Time: 8:00am – 4:30pm; 8:00am-12:30pm

Purpose/Description:

The ACLS OB course is designed to help all course participants succeed in acquiring the skills and knowledge they need to perform their professional role in resuscitation attempts focusing on the OB patient. This course is taught by American Heart Association qualified instructors and content experts in obstetrics.

Course Prerequisites:

Class size is limited to 6-12 participants. 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.

Objectives:

1. Describe pathophysiology of pregnancy including what makes pregnant/newly delivered patients' high risk for an event.
2. Examine cardiac structure and function including EKG review.
3. Discuss the modifications for each of the core cases covered in ACLS including CPR, respiratory, MI, and stroke.
4. Discuss strategies for talking with families on ethical, practice, and legal issues.
5. Demonstrate knowledge and skills in the management of the first 10 minutes of ventricular fibrillation/VT arrest, including primary and secondary ABCD survey of cardiac arrest and post-resuscitation care.
6. Perform and demonstrate via case studies, the core knowledge and skills necessary to manage the following scenarios within a team: respiratory arrest, pulseless ventricular tachycardia and ventricular fibrillation with AED use and refractory VT/VF to AED, pulseless electrical activity, asystole, acute coronary syndrome, bradycardia, stable and unstable tachycardia, and acute ischemic stroke.
7. Demonstrate via case study, the team leading and closed-loop communication skills necessary to manage ventricular fibrillation, pulseless electrical activity, and asystole cardiac arrest situations.
8. Discuss current ACLS emergency medications including the does, route, and indications for epinephrine, atropine, dopamine, vasopressin, and sodium bicarbonate.

Course Coordinator & Instructor (ACLS OB, AHA):

Jeana Forman, MSN, RN, RN-COB, C-EFM

Nursing Practice Leader, Children's & Women's Services

Instructor (AHA):

Amy Sanborn DNP, RN, RNC-EFM

Nursing Practice Leader, Children's & Women's Services

RENEWAL ACLS OB & AHA ACLS

Dates:
February 22, 2021
March 4, 2021
March 25, 2021

Time: 8:00am – 4:30pm

2021 INITIAL ADVANCED CARDIOVASCULAR LIFE SUPPORT WITH AN OB FOCUS

| Day 1 | TIME |
|---|--|
| Welcome & introductions | 08:30 |
| ACLS vs. ACLS OB, conceptual framework, & background | 08:30-09:00 |
| Physiologic changes of pregnancy & their impact | 09:00-10:00 |
| Break | 10:00-10:15 |
| Modifications to the A-B-C-D-Es for pregnant & PP patients | 10:15-11:15 |
| Application of modifications to <ul style="list-style-type: none"> <input type="checkbox"/> CPR <input type="checkbox"/> Airway management <input type="checkbox"/> Bradycardia <input type="checkbox"/> Tachycardia <input type="checkbox"/> Acute coronary syndrome <input type="checkbox"/> Acute stroke <input type="checkbox"/> VF/pulseless VT, PEA, asystole | 11:15-12:30 |
| Lunch | 12:30-13:00 |
| Talking with families & Wrap up ACLS OB | 13:00-13:15 |
| AHA ACLS Class Begins Sign-In/Registration and verify of pre-course self-assessment Lesson 1: Welcome, introduction, course administration | 13:15-13:30 |
| Systems of Care <ul style="list-style-type: none"> <input type="checkbox"/> Science of Resuscitation <input type="checkbox"/> Systematic Approach <input type="checkbox"/> Lesson 2: CPR Coach, High Quality BLS <input type="checkbox"/> Lesson 3: Airway Management <input type="checkbox"/> Recognition: Signs of Clinical Deterioration <input type="checkbox"/> Demo Airway management and High quality BLS | 13:30-14:15 |
| <ul style="list-style-type: none"> <input type="checkbox"/> Lesson 7: High Performance Teams Video <input type="checkbox"/> Lesson 4: Technology Review <input type="checkbox"/> Lesson 6: Preventing Arrest Tachycardia Algorithm (Stable and unstable) <input type="checkbox"/> Lesson 5: Preventing Arrest Bradycardia Algorithm <input type="checkbox"/> Lesson 8: High Performance Teams Cardiac Arrest and Post-Cardiac Arrest Care <input type="checkbox"/> Lesson 9: High performance Teams Megacode Practice Scenarios | 14:15-16:30 <i>(work in 15 min break)</i> |
| Day 2 | TIME |
| Acute Coronary Syndrome Video Acute Ischemic Stroke | 08:00-08:30 |
| High Performance Teams, Megacode Hands-On Testing | 08:30-11:00 |
| Exam/ Adjourn | 11:00-12:00 |

2021 RENEWAL ADVANCED CARDIOVASCULAR LIFE SUPPORT WITH AN OB FOCUS

| TOPIC | TIME |
|--|--------------------|
| Welcome & introductions | 08:00-08:30 |
| ACLS vs. ACLS OB, conceptual framework, & background | 08:30-09:00 |
| Physiologic changes of pregnancy & their impact | 09:00-10:00 |
| Break | 10:00-10:15 |
| Modifications to the A-B-C-D-Es for pregnant & PP patients | 10:15-11:15 |
| Application of modifications to <ul style="list-style-type: none"> <input type="checkbox"/> CPR <input type="checkbox"/> Airway management <input type="checkbox"/> Bradycardia <input type="checkbox"/> Tachycardia <input type="checkbox"/> Acute coronary syndrome <input type="checkbox"/> Acute stroke <input type="checkbox"/> VF/pulseless VT, PEA, asystole | 11:15-12:30 |
| Lunch | 12:30-13:00 |
| Talking with families & Wrap up ACLS OB | 13:00-13:15 |
| AHA ACLS Class begins Sign-In/Registration and verify of pre-course self-assessment certificate pass 70% Lesson 1: Welcome, Introduction, Course Administration | 13:15-13:30 |
| Systems of Care <ul style="list-style-type: none"> <input type="checkbox"/> Science of Resuscitation <input type="checkbox"/> Systematic Approach <input type="checkbox"/> Lesson 2: CPR Coach <input type="checkbox"/> Lesson 7: High Performance Teams | 13:30-14:15 |
| Demo high quality CPR and Respiratory Arrest management Technology Review High Performance Teams Megacode Testing | 14:15-15:40 |
| Exam/Adjourn | 15:40-16:30 |