

**Training Memo: Skills Testing for HeartCode™
BLS Anywhere and HeartCode™
BLS**

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TO: American Heart Association Training Centers and Instructors

Purpose

This memo provides directions to instructors conducting skills testing of students who successfully completed Part 1 of the Healthcare Provider Course via the HeartCode BLS Anywhere and HeartCode BLS system. This testing information replaces any previously released ECC Training Memos on this subject.

**General
Information**

Course completion consists of two parts:
Part 1: the computer-based cognitive portion
Part 2: the skills testing portion, which can be completed with either

- an AHA BLS Instructor or
- the HeartCode BLS voice assisted manikin (VAM) system.

HeartCode BLS is an interactive self-directed learning program which completes all cognitive requirements for Healthcare Provider course completion. The program uses microsimulation technology in realistic patient scenarios to acquire and test cognitive knowledge. HeartCode BLS is delivered online via the AHA eLearning portal and through specifically contracted learning management systems. It is also available as a standalone system version.

**Validating
Certificates**

Training Center Coordinators and BLS Instructors can verify the validity of a HeartCode BLS Anywhere (Part 1) certificate presented to them. The current version of the certificate has an anatomical heart watermark as the background. Instructions on how to verify the validity of a certificate are posted on the AHA Instructor Network, accessible to all registered instructors.

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Training Memo: Skills Testing for HeartCode™ BLS Anywhere and HeartCode™ BLS, Continued

Course Completion Requirements

1. Successful completion of the HeartCode BLS (Part 1) program, which includes passing the adult and infant patient scenarios as well as the multiple choice exam.
2. Successful completion of the required skills tests in one of 2 ways:
 - a. By successfully completing the required skills tests administered by an AHA BLS Instructor.
 - b. By successfully completing Part 2 of HeartCode BLS using a voice assisted manikin system

The BLS Skills Testing Check sheets to be used by BLS Instructors are attached. Those skills include

- i. Adult 1- and 2-Rescuer CPR
- ii. Infant 1- and 2-Rescuer CPR.

AED testing during this skill testing session is not required, as AED use, pad placement and safety are tested in the microsimulation patient scenarios in HeartCode BLS .

Skills testing by an AHA Instructor

Preparation

Allowing students to have time to become familiar with the manikins and equipment used in testing, and to practice on the manikins before testing increases the success rate of the students and decreases time needed for each testing session and for remediation. This time does not need to be monitored by an instructor.

2-rescuer CPR sequences may require additional practice and mentoring before testing since these are not covered in depth in the HeartCode program.

Records

Skills testing should be documented by completing the Skills Testing Checklists and retaining a copy of the Part 1 completion certificate. A course roster, appropriately labeled, should be used to document student data and card issuance. Multiple sessions can be recorded on one roster by adding a date by each student name to indicate the date the session was held.

December 6, 2007

Skill Testing Checklist

Course Type: Heartcode® BLS for Healthcare Providers
 BLS Anytime for Healthcare Providers

Student: _____

Instructor: _____



Date of Test: _____

Adult 1- and 2-Rescuer CPR Skills Test		
Skill Step	Critical Performance Steps	☑ if done correctly
1	Checks for response	
2	Activates emergency response system	
3	Opens airway using head tilt–chin lift	
4	Checks breathing <i>Minimum 5 seconds; maximum 10 seconds</i>	
5	Gives 2 breaths (1 second each) with visible chest rise using pocket mask	
6	Checks carotid pulse <i>Minimum 5 seconds; maximum 10 seconds</i>	
7	Locates CPR hand position	
8	Delivers first cycle of compressions at correct rate <i>Acceptable <23 seconds for 30 compressions</i>	
9	Gives 2 breaths (1 second each) with visible chest rise	
<i>Second rescuer arrives and takes over breathing with bag-mask. Test only first rescuer.</i>		
10	1 st rescuer delivers cycle of compressions at correct hand position <i>Acceptable >23 of 30 compressions</i>	
11	1 st rescuer pauses to allow 2 nd rescuer to give 2 breaths	
12	1 st rescuer delivers cycle of compressions <i>Measure depth only if using instrumented manikin; otherwise observe that compressions are given.</i>	
13	1 st rescuer pauses to allow 2 nd rescuer to give 2 breaths	
<i>Rescuers switch places with little interruption. 1st rescuer takes over breathing using bag mask. Students perform 2 more cycles of CPR. Test only 1st rescuer.</i>		
14	1 st rescuer gives 2 breaths during pauses in compressions using bag mask (2 cycles)	
STOP THE TEST		
PASS		NR

Infant 1- and 2-Rescuer CPR Skills Test		
Skill Step	Critical Performance Steps	☑ if done correctly
1	Checks for response	
2	Activates emergency response system	
3	Opens airway using head tilt–chin lift	
4	Checks breathing <i>Minimum 5 seconds; maximum 10 seconds</i>	
5	Gives 2 breaths (1 second each) with visible chest rise using pocket mask	
6	Checks brachial pulse <i>Minimum 5 seconds; maximum 10 seconds</i>	
7	Locates CPR finger position	
8	Delivers first cycle of compressions at correct rate <i>Acceptable <23 seconds for 30 compressions</i>	
9	Gives 2 breaths (1 second each) with visible chest rise	
<i>Second rescuer arrives and takes over breathing with bag-mask. Test only first rescuer.</i>		
10	1 st rescuer delivers cycle of compressions at correct finger position <i>Acceptable >11 of 15 compressions</i>	
11	1 st rescuer pauses to allow 2 nd rescuer to give 2 breaths	
12	1 st rescuer delivers cycle of compressions <i>Measure depth only if using instrumented manikin; otherwise observe that compressions are given.</i>	
13	1 st rescuer pauses to allow 2 nd rescuer to give 2 breaths	
<i>Rescuers switch places with little interruption. 1st rescuer takes over breathing using bag mask. Students perform 2 more cycles of CPR. Test only 1st rescuer.</i>		
14	1 st rescuer gives 2 breaths during pauses in compressions using bag mask (2 cycles)	
STOP THE TEST		
PASS		NR