



## (AHA) Requirement on Use of Feedback Devices in Adult CPR Training Courses

*American Heart Association (AHA) Requirement on Use of Feedback Devices in Adult CPR Training Courses Issued August 15, 2017* - By **January 31, 2019**, the AHA will require the use of an instrumented directive feedback device or manikin in all AHA courses that teach the skills of adult CPR. Specifically, an instrumented directive feedback device or manikin is one that, at a minimum, provides audio or visual (or both) feedback on the rate and depth of compressions during CPR training. This requirement will impact AHA Basic Life Support (BLS), Advanced Cardiovascular Life Support (ACLS), ACLS for Experienced Providers, and Heartsaver® Courses taught in the US and internationally. In the future, as more devices become available for child and infant CPR, the AHA will also require the use of feedback devices in courses that teach the skills of child and infant CPR. **Science Supporting this Requirement:** The 2015 AHA Guidelines Update

for CPR and ECC highlighted research showing the benefit of feedback devices that provide learners with real-time, audio-visual corrective feedback on aspects such as chest compression rate, depth, and recoil. As stated in the *2015 AHA Guidelines for CPR and ECC*, “Unfortunately, inadequate performance of CPR is common yet challenging for providers and instructors to detect, thereby making it difficult to appropriately focus feedback and improve future performance. Technology could theoretically help address this problem by assessing CPR performance and providing feedback.”

Studies have also shown that feedback devices help students achieve mastery of critical CPR skills and shorten the time to demonstration of competence. Additional information on the science can be found in “Part 14: Education, CPR Feedback/Prompt Devices in Training” of the *2015 AHA Guidelines Update for CPR and ECC*.

### Definition & Descriptions: Instrumented Directive Feedback Devices:

An instrumented directive feedback device measures compression rate, depth, hand position, recoil, and chest compression fraction and provides real-time audio or visual feedback (or both) on these critical CPR skills. A feedback device can be integrated into a manikin or serve as an accessory to a manikin. To meet the AHA’s requirement, at a minimum, the device must measure and provide real-time audio feedback or visual feedback (or both) on compression rate and depth. This audio or visual information allows students to self-correct their skills in real time.

There are many types of instrumented directive feedback devices available for AHA Training Centers to meet this requirement, including:

- Those that can be added to and used with existing manikins;
- Those that are part of manikins; Monitors or defibrillators used with manikins; or
- High-fidelity manikins

**Please note:** The AHA cannot review or recommend specific equipment.

### Get the PAM!

What is the PAM? PAM is the Program Administration Manual for AHA CPR Courses. The updated United States manual contains guidelines for Program Administration and Training and was released March 29, 2018. The international manual will be updated at a later date.

The 7th edition of the Program Administration Manual covers all aspects of program administration for AHA’s US Training Centers and courses. It provides TCs and instructors concise access to rules affecting TCs, Instructors and Volunteers.

**PLEASE NOTE:** The AHA strongly recommends using only the online version of the PAM, not a printed copy of the manual. Printed copies may not reflect the latest information. Between updated editions, changes to the PAM are disseminated through Training Bulletins.

### The PAM includes information on:

TC Organization  
Training Sites  
Legal consideration  
Conflict of Interest and Ethics Policies  
Boundaries and Recognition of Status

TC Policies and Procedures  
Course Information  
Reference and Resources  
Instructor Alignment  
Legal Aspects

### Inside This Edition:

AHA Education Statement on Best Practice.....	Page 2
Get the PAM (continued).....	Page 2
Renewal Form.....	Page 3
Instructor Renewal Instructions.....	Page 4
New Digital PAM.....	Page 4

**Renew only if your Instructor/TCF Card(s) expire in 2018.** The Renewal Checklist form is included in this newsletter. Please send completed form with your payment to PO Box 2049 before **December 31, 2018.**

## New AHA Education Statement on Best Practices in Resuscitation Training - 6/21/2018

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Dear AHA Training Network:  
The AHA believes poor CPR quality is a preventable harm. Our focus is on improving quality of care and patient outcomes to double survival rates from cardiac arrest by 2020. Today, we published [\*Resuscitation Education Science: Educational Strategies to Improve Outcomes from Cardiac Arrest\*](#) in the journal *Circulation*. This statement examines best practices in education and applies them to resuscitation, addressing gaps in training that lead to poor survival rates for cardiac arrest victims. If all training programs and resuscitation instructors implement the guidance in this resource document, it will help raise the standard of care and increase survival from cardiac arrest. The AHA's Education Statement offers suggestions for improvement in training in eight key concepts defined below. These concepts are applicable to

all resuscitation training programs and are not exclusive to AHA.

\* **Mastery learning and deliberate practice** (practice until learners demonstrate mastery of skills)

\* **Spaced practice** (shorter, more frequent learning sessions)

\* **Contextual learning** (use of "real world" training experiences recognized by learners)

\* **Feedback and debriefing** (providing structured opportunities for reflection and feedback)

\* **Assessment** (measuring competency throughout a course with a variety of tools)

\* **Innovative educational strategies** (exploration of gamification, social and digital platforms to make learning "stick")

\* **Faculty development** (continuous coaching and training of instructors)

\* **Knowledge translation and Implementation** (localize programs to fit learners' needs).

The AHA is committed to embracing the strategies in this statement and promoting them throughout our educational

offerings. Today, our CPR and ECC courses include several of the eight key concepts, such as the flexibility to localize (contextualize) and standard performance based on observable behavior. In the coming months, we will work with our Training Network to emphasize ways to enhance these concepts in current courses.

At this time, there will be no changes to AHA products and no new materials are required. We will continue to evolve and improve our products, courses and services as we move forward.

For more information about the AHA's Education Statement, please visit [Heart.org/EducationStatement](http://Heart.org/EducationStatement). This site includes the link to the full statement in *Circulation*, the *Highlights of the Education Statement* document, FAQs, and more.

Thank you for everything you do to contribute to the mission of saving lives.

Sincerely, AHA CPR & ECC

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### Get the Pam (continued from page 1)

The following PDF forms can be filled out electronically or printed and completed by hand.

#### FORMS

Instructor Candidate Application  
Training Center Faculty Candidate Application  
Instructor Records Transfer Request  
Instructor/Training Center Faculty Renewal Checklist  
Instructor Monitoring eForm  
Instructor/TCF Teaching Activity Notice to Primary TC eForm  
ACLS for Experienced Providers Learning Station Feedback Tool  
The PAM can be found on the Instructor Network.

#### RELEASE DATE

April 2018  
March 2018  
January 2018  
January 2018  
January 2018  
January 2018

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### Training Center Faculty—Reminder

When teaching an instructor class you should have access to and use the Facilitators' Guide along with the Instructor Manual. Students should be forwarded the Candidates Guide and also have a copy of the Instructor Manual. Students should register with whichever Training Center they wish to join after successful completion of the Instructor Course.

## Instructor/TCF Renewal Checklist - Renew only if your card expires in 2018

### American Heart Association Emergency Cardiovascular Care Program

#### Instructor/TCF Renewal Checklist

**Instructions:** This checklist may be used to document successful completion of Instructor/TCF renewal requirements and contact information. The completed form is kept in the Instructor's file at the Training Center.

#### Instructor/TCF Contact Information (Please Print Legibly)

Name: \_\_\_\_\_ Instructor ID #: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ **E-Mail:** \_\_\_\_\_

Other contact Information: \_\_\_\_\_

Discipline: ☐BLS ☐ACLS ☐PALS ☐ACLS EP ☐Heartsaver ☐Heartsaver First Aid **Expiration Date:** \_\_\_\_\_

☐BLS TCF ☐ACLS TCF ☐PALS TCF **Expiration Date:** \_\_\_\_\_

Do you wish to receive a new **provider card**? ☐Yes ☐No ☐BLS ☐ACLS ☐PALS **See card costs below**

If TCF and your card expires and you wish to be reappointed as TCF please indicate discipline. ☐BLS ☐ACLS ☐PALS

**Primary TC:** Mid-Carolina AHEC, Inc. Training Center

**Name of TC Coordinator:** Julie Ghent

**Instructor/TCF Card Costs: Consortium Members: \$15.00/discipline Non-Consortium Members: \$25.00/discipline**

#### Provider Card Costs:

##### Consortium Members

BLS \$ 3.00

ACLS and PALS \$ 7.00

##### Non-Consortium Members

BLS \$ 5.00

ACLS and PALS \$12.00

#### Renewal Checklist

☐ Provider skills successfully demonstrated. Date: \_\_\_\_\_ Method: \_\_\_\_\_

☐ Provider/Instructor examination completed with a score of 84% or higher. Date: \_\_\_\_\_ Score: \_\_\_\_\_

☐ At least 4 Provider Courses taught in past two years for each discipline you instruct. (List below)

☐ Training Center Faculty (TCF) one Instructor/Instructor Renewal Course taught in past two years. (List below.)

#### Teaching Activity

Course Name	Date	Location (TC/Site)	Station/Module
1.			
2.			
3.			
4.			

#### Instructor/Instructor Renewal Course (For TCF Renewal)

1.			
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*Additional courses may be attached or listed on the back of this form.*

#### Training Center Use Only:

\_\_\_\_ New Instructor Card issued. Date: \_\_\_\_\_ TCF status maintained. Date: \_\_\_\_\_

\_\_\_\_ New Provider Card issued. Date: \_\_\_\_\_ Amount Due: \_\_\_\_\_

Date Received: \_\_\_\_\_ Check#: \_\_\_\_\_ Cash: \_\_\_\_\_ Initials: \_\_\_\_\_

## Instructor Update Requirements

**Update Information:** Instructors who need an update this year, those whose instructor card(s) expire December 31, 2018, may be updated through the newsletter again this year. **To update you must have: 1) Taught a minimum of four classes over a two-year period (1/1/2017-12/31/2018) for each discipline you teach. 2) Must pass the written exam and be checked off on skills competency (within the 2-year period); (Check off date, test score and listing with dates of classes taught, must be included on your renewal form.)** If you would like to receive a Provider Card also, please indicate on the renewal form. Costs for the cards are listed on the renewal form. Your training site will have the test for your renewal and also provide you with times for skills check offs.

Tests and skills check off forms are maintained at the Training Site. Renewal form, along with your check for the cost of your card(s), must be returned to Mid-Carolina AHEC, Inc. no later than **December 31, 2018**. If your employer pays for your instructor card(s), give the update form with completed information to your Education Director and he/she will forward to us by the deadline.

**Renewal forms will not be accepted if postmarked after December 31, 2018**

Written test and/or skills check offs may be performed at Mid-Carolina AHEC, Inc by appointment at the cost of **\$25/person**.

To schedule an appointment, please email:

Julie Ghent  
[jughent@comporium.net](mailto:jughent@comporium.net)

### Card Fees

#### Consortium Members

BLS Provider	\$ 3.00
ACLS, ACLS EP,	
PALS Provider	\$ 7.00
Instructor & TCF	\$15.00
Heartsaver Schools K12	\$ 5.00
<b>ALL other Heartsaver</b>	<b>\$19.00</b>

#### Non-Consortium Members

BLS Provider	\$ 5.00
ACLS, ACLS-EP,	
PALS Provider	\$12.00
Instructor and TCF	\$25.00
Heartsaver Schools K12	\$ 5.00
<b>ALL other Heartsaver</b>	<b>\$20.00</b>

## New Digital Program Administration Manual (PAM)

On Tuesday, October 23, AHA ECC released the first-ever digital version of the US PAM on the AHA Instructor Network! The digital US PAM will allow TCCs and Instructors to easily navigate and search the PAM without having to scroll through a lengthy PDF document.

**Notice to all Instructors:** Check the AHA Instructor Network periodically for new and or updated information. With the many changes within the AHA you will need to keep abreast of changes and new requirements.

**Remember: Renew only if your card expires in 2018.**

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**Mail all rosters to PO Box Only**



Our Training Center is a success because of our great instructors!

Thank You!!