

## **AHA Bulletin re: instrumented directive feedback devices**-July 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 cardiopulmonary resuscitation (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 Basic Life Support, Advanced Cardiovascular Life Support (ACLS), ACLS for Experienced Providers, and Heartsaver® Courses.

In the future, as more devices become available for child and infant CPR, we will also require the use of feedback devices in courses that teach the skills of child and infant CPR.

The *2015 AHA Guidelines Update for CPR and Emergency Cardiovascular Care* (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. Studies have shown that feedback devices help students achieve mastery of these important skills and that they shorten the time to demonstration of competence.