

# Training Memo

## Use of Tablet-Based Monitor Simulators

Original Release: July 2012

**Purpose** This memo clarifies the functionality required for a simulator to qualify as a monitor/defibrillator in an ACLS or PALS classroom or as an AED trainer in any AHA course.

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**Definition** With the increase in popularity and functionality of tablets in the past few years, there has been a surge in development and use of tablet-based monitor/defibrillator applications.

Some of these tablet applications have the functionality of a monitor where students can demonstrate that they know how to defibrillate, pace, or cardiovert by pushing the correct buttons.

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**Guidelines** For the tablet-based monitor simulator to be used as a monitor/defibrillator in advanced AHA courses, it must meet the following requirements:

- The student must be able to see the rhythm running on the monitor on the tablet screen.
- The student must be able to connect the tablet to the simulated patient with electrodes and defibrillator/pacing pads.
- The student must be able to physically push a button to charge and shock, and sync if applicable.
- The student must be able to physically push buttons to set the rate and output while pacing.

For the tablet-based monitor simulator to be used as an AED trainer in AHA courses, it must meet the following requirements:

- The student must be able to connect the tablet to the simulated patient with defibrillator pads.
  - The student must be able to physically push a button to charge and shock.
  - The device must give the student step-by-step instructions consistent with standard AEDs and AED trainers.
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