



AUTOMATED CPR DEVICES

Effective: August 8, 2019
Replaces: February 12, 2015
Review: August 8, 2021

I. Purpose

The purpose of this policy is to describe the use of county approved automated CPR devices in the prehospital setting for non-traumatic cardiac arrests in patients that are 18 years and older.

II. Definition

County approved automated CPR devices include the following:

A. Zoll Auto-Pulse



B. Physio-Control Lucas Device





III. Device Operation

- A. Each county approved CPR device requires specific training. Only EMS providers that are trained in the use of such devices may operate them.

Zoll Auto-Pulse	Physio-Control Lucas Device
<p><u>Indications:</u></p> <ul style="list-style-type: none"> A. Non-traumatic cardiac arrest in patients 18 years and older B. Use only in cases in which CPR is indicated <p><u>Contraindications:</u></p> <ul style="list-style-type: none"> A. Traumatic injuries B. Pediatric patients C. Pregnant patients D. Ventricular assist device (VAD) patients E. Recent sternum surgery F. Oxygen rich or flammable environments (gasoline spills, fires, etc.) G. Device does not fit the patient <p><u>Use:</u></p> <ul style="list-style-type: none"> A. Patients shall receive 2 cycles of CPR prior to its application. B. This device may not be used or monitored by untrained EMS providers. C. Follow the manufacturer guidelines for use or the county approved training from your provider agency. D. If the device does not function properly, or if there is reason to believe the device is not working effectively, discontinue operation and proceed with manual compressions. 	<p><u>Indications:</u></p> <ul style="list-style-type: none"> A. Non-traumatic cardiac arrest in patients 18 years and older B. Use only in cases in which CPR is indicated <p><u>Contraindications:</u></p> <ul style="list-style-type: none"> A. Traumatic injuries B. Pediatric patients C. Pregnant patients D. Ventricular assist device (VAD) patients E. Recent sternum surgery F. Device does not fit the patient <p><u>Use:</u></p> <ul style="list-style-type: none"> A. Patients shall receive 2 cycles of CPR prior to its application. B. This device may not be used or monitored by untrained EMS providers. C. Follow the manufacturer guidelines for use or the county approved training from your provider agency. D. If the device does not function properly, or if there is reason to believe the device is not working effectively, discontinue operation and proceed with manual compressions.