

October 2024

Dear Valued Customer,

A review of the American Heart Association's Scientific Statement regarding Opioid-Associated Out-of-Hospital Cardiac Arrest provides evidence-based guidance for treatment to prevent overdose death from Opioid Associated Out of Hospital Cardiac Arrest (OA-OHCA). The following information regarding Stryker's LIFEPAK® 35 Monitor/Defibrillator, LIFEPAK® CR2 Defibrillator and LUCAS® Chest Compression System demonstrates alignment of product features and AHA guidance.

Key actions of resuscitating patients suffering from OA-OHCA include differentiating cardiac from respiratory arrest, performing chest compressions, providing ventilations, and using an automated defibrillator.¹ The LIFEPAK 35, LIFEPAK CR2 and LUCAS are designed specifically for the signs and symptoms of OA-OHCA including patients who are not breathing normally and showing no signs of circulation. Features of the LIFEPAK 35, LIFEPAK CR2 and LUCAS that are applicable to OA-OHCA patients include:

cprINSIGHT® Analysis Technology: the AHA recommends when possible trained and untrained providers give uninterrupted compressions.¹ cprINSIGHT analysis technology is the only technology that enables automated rhythm analysis during chest compressions to limit pauses during defibrillation.² cprINSIGHT is also capable of eliminating pauses when defibrillation is not needed as is the situation with the high proportion of OA-OHCA patients found in non-shockable arrhythmias.¹

LIFENET Care: LIFENET Care provides a communication channel to connect care teams throughout the patient's journey. Pre-hospital and hospital teams can streamline communication to help meet the high standards and clinical recommendations set by the AHA. Quickly share event and time sensitive patient details with easy access to remote telemedicine consultations for team alignment. Transmission of time sensitive patient information enables clinicians to provide faster care with consolidated patient data, activate care teams for patient events and improve patient navigation for critical emergencies.³

Breathing assessment/delivery prompts and review: The AHA recommends that lay responders assess if the patient is breathing normally.¹ The CR2 can prompt the user to check for breathing and if the patient is not breathing it can provide breathing prompts.

cprCOACH™ Feedback Technology: High quality CPR and chest compressions are an integral part of OA-OHCA care. cprCOACH provides CPR coaching at appropriate times during the cardiac arrest response. A metronome provides tones at the correct rate for chest compressions to guide the responder. The defibrillator also detects whether chest compressions are being performed and adjusts the voice prompts, if needed, to help the responder provide the best possible care.

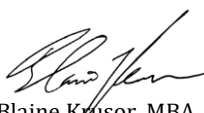
LUCAS Chest Compression System: Key elements specific to OA-OHCA are providing compression-ventilation CPR with uninterrupted chest compressions.¹ LUCAS has been shown to have fewer interruptions, compared to manual CPR⁴ and the use of the ACTIVE (continuous) ventilation features provides ventilation prompts during ongoing compressions.

Please visit stryker.com for more information.

Sincerely,



Troy Weatherhead
Director, Brand Marketing



Blaine Krusor, MBA, BSN, CCDS
Sr. Manager, Clinical Marketing

Reference:

1. DeZfulian C, Orkin AM, Maron BA, Elmer J, Girotra S, Gladwin MT, Merchant RM, Panchal AR, Perman SM, Starks MA, van Diepen S, Lavonas EJ; American Heart Association Council on Cardiopulmonary, Critical Care, Perioperative and Resuscitation; Council on Arteriosclerosis, Thrombosis and Vascular Biology; Council on Cardiovascular and Stroke Nursing; Council on Quality of Care and Outcomes Research; and Council on Clinical Cardiology. Opioid-Associated Out-of-Hospital Cardiac Arrest: Distinctive Clinical Features and Implications for Health Care and Public Responses: A Scientific Statement from the American Heart Association. *Circulation*. 2021 Apr 20;143(16):e836-e870. doi: 10.1161/CIR.0000000000000958. Epub 2021 Mar 8. PMID: 33682423.
2. de Graaf C, Beesems S, Oud S, et al. Analyzing the heart rhythm during chest compressions: Performance and clinical value of a new algorithm. *Resuscitation*. 2021;162:320-238.
3. Internal data on file. Stryker LCCRD. 3349947
4. Olasveengen TM, Wik L, Steen PA. Quality of cardiopulmonary resuscitation before and during transport in out-of-hospital cardiac arrest. *Resuscitation*. 2008;76(2):185-90.

Stryker or its affiliated entities own, use, or have applied for the following trademarks or services marks: cprCOACH, cprINSIGHT, LIFEPAK, LUCAS, Stryker. All other trademarks are trademarks of their respective owners or holders. The absence of a product, feature, or service name, or logo from this list does not constitute a waiver of Stryker's trademark or other intellectual property rights concerning that name or logo.

EC-GSNPS-CMM-1360325_REV-0_en_us © 2024 Stryker.

Emergency Care

11811 Willows Rd. NE, Redmond, WA 98052 | Toll free +1 800 442 1142 | stryker.com