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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 CPR[4] and the use of the ACTIVE (continuous) ventilation features provides ventilation prompts during ongoing compressions.

Please visit stryker.com for more information.

Sincerely,

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Reference:

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