

LUCAS[®] 3, v3.1 Chest Compression System

By the numbers

16,830

Guidelines-consistent compressions administered during a successful 2 hour 45 minute resuscitation¹

30,000

devices deployed globally²

102-111-120

LUCAS delivers Guidelines-consistent rates, configurable* to 102-111-120 per minute, without sacrificing compression depth

7 seconds

median interruption when transitioning from manual to LUCAS compressions during routine BLS/ALS use³

30-40%

of patients who achieve ROSC will re-arrest prior to hospital arrival^{4,5}

60%

CPR causes back pain in more than 60% of ambulance officers⁶

6.5X

unrestrained occupants are 6.5 times more likely to be severely injured and 3.8 times more likely to be killed⁷ in the 4,500 annual ambulance accidents⁸

+60%

increased blood flow to the brain vs. manual CPR⁹

21%

increase of mean average EtCO₂ compared to manual CPR¹⁰

>99%

of survivors had good neurological outcomes in large randomized LINC trial¹¹



“With LUCAS we know that if we do everything right the patient can survive”

— Steve Hagsstrom
Paramedic and Clinical Educator | Allina Health EMS²

*With LUCAS 3, v3.1

1. Case study Regions Hospital St. Paul, GDR 3318844_A.
2. Based on internal data as of January 2019
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12. Case study Allina Health EMS, GDR 3302700_B.

For further information, please contact Stryker at 800 442 1142 (U.S.), 800 668 8323 (Canada) or visit our website at strykeremergencycare.com

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The LUCAS 3 device is for use as an adjunct to manual CPR when effective manual CPR is not possible (e.g., transport, extended CPR, fatigue, insufficient personnel).



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