

LUCAS® 3, v3.1

chest compression system

16,830

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

50,000

devices deployed globally

102-111-120

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

7 seconds

median interruption when transitioning from manual to LUCAS device compressions during routine BLS/ALS use²

30-40%

of patients who achieve ROSC will re-arrest prior to hospital arrival^{3,4}

60%

CPR causes back pain in more than 60 percent of ambulance officers⁵

6.5X

unrestrained occupants are 6.5 times more likely to be severely injured and 3.8 times more likely to be killed⁶

By the numbers

+60%

increased blood flow to the brain vs. manual CPR⁷

21%

increase of mean average EtCO₂ compared to manual CPR⁸

>99%

of survivors at 6 months follow up had good neurological outcomes in large randomised LINC trial⁹



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

– Steve Hagstrom
Paramedic and Clinical Educator | Allina Health EMS¹⁰

*With LUCAS 3, v3.1 chest compression system

References

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Emergency Care

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