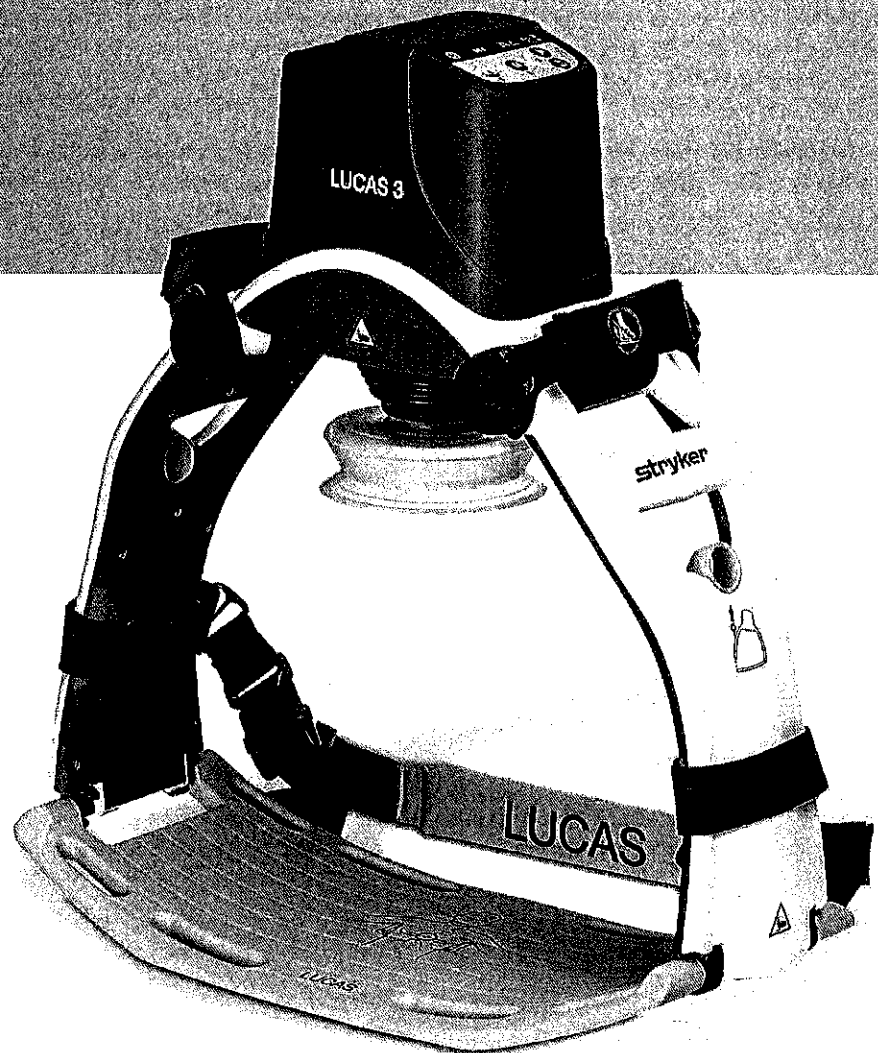


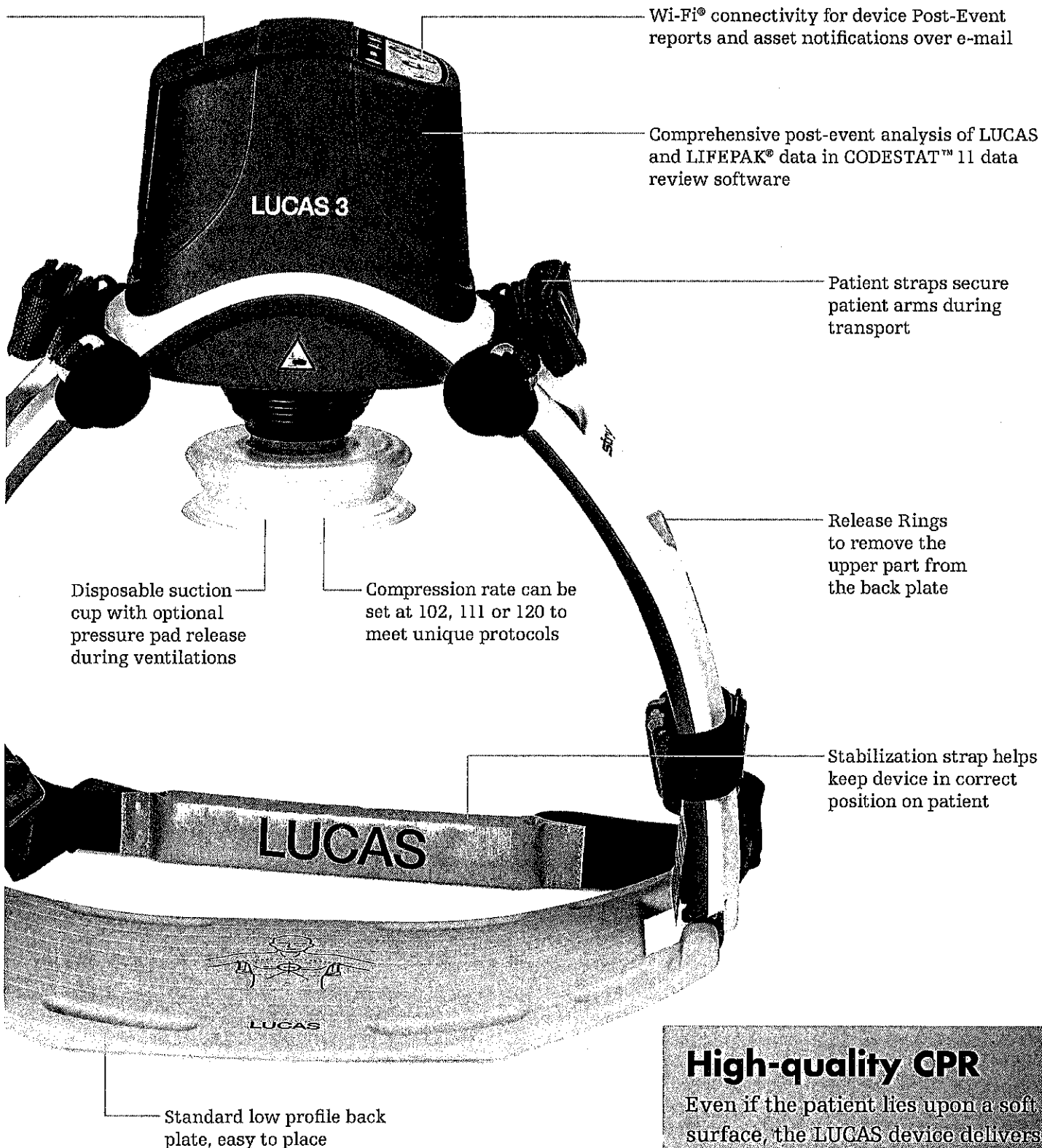
stryker

LUCAS® 3, v3.1

Chest Compression System



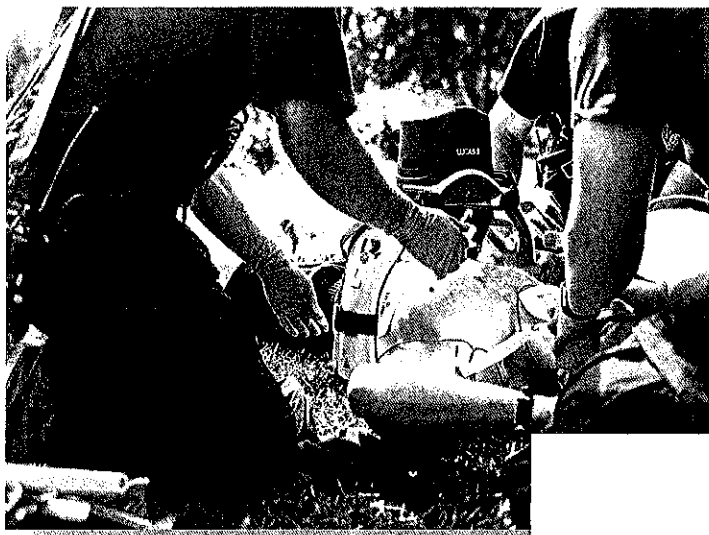
Your partner in life support



High-quality CPR

Even if the patient lies upon a soft surface, the LUCAS device delivers Guidelines-consistent depth, overcoming the "mattress effect".

Your partner in life support



—in the **field**



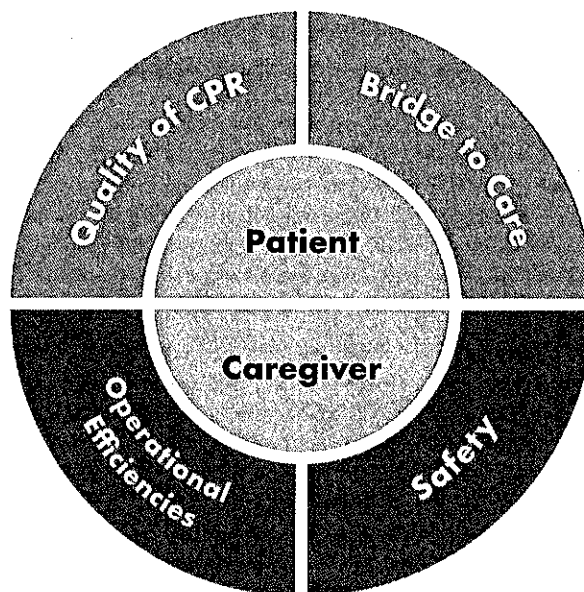
—on the **move**



—in the **hospital**

Consistency. It's a powerful thing.

The LUCAS Chest Compression System helps emergency care teams around the world do what they do best — save lives. With high-quality chest compressions and fewer interruptions than manual CPR, LUCAS is your partner that will administer Guidelines-consistent, high-quality compressions until the job is done.



CPR quality

- Delivers Guidelines-consistent, high-quality chest compressions at recommended rate and depth while allowing for chest recoil
- Fewer interruptions, compared to manual CPR, leading to higher compression ratios^{1,2} and increased blood flow to the brain^{3,4}
- Higher EtCO₂ values, compared to manual CPR, indicative of higher chance of ROSC⁵

Operational efficiencies

- Calms the event and reduces stress by eliminating the need to manage a compression rotation schedule
- Frees up care givers to focus on other tasks
- Utilizes data integration capabilities to enhance post event analysis and quality improvement efforts

Bridge to care

- Overcomes caregiver fatigue by providing Guidelines-consistent chest compressions for multiple hours if required*
- Allows for hands-free, high-quality chest compressions during transport^{1,6}
- Extends reach of care and allows for treatment of underlying cause during CPR (e.g. ECMO/PCI)²²

Safety

- Rescuers can avoid awkward and potentially dangerous situations when performing CPR during patient transport
- Potential to reduce CPR-related injuries to the CPR provider
- Reduces X-ray exposure of CPR provider during PCI

* When using multiple batteries or an external power source. Battery typically lasts for 45 minutes of operation

LUCAS by the numbers

25,000+

With over 25,000 devices in the global market, a patient is treated approximately every 2 minutes^{7,8}

16,830

In a successful 2 hour 45 minute resuscitation, LUCAS administered 16,830 Guidelines-consistent compressions⁹

>99%

Operational reliability in clinical use¹⁰

+60%

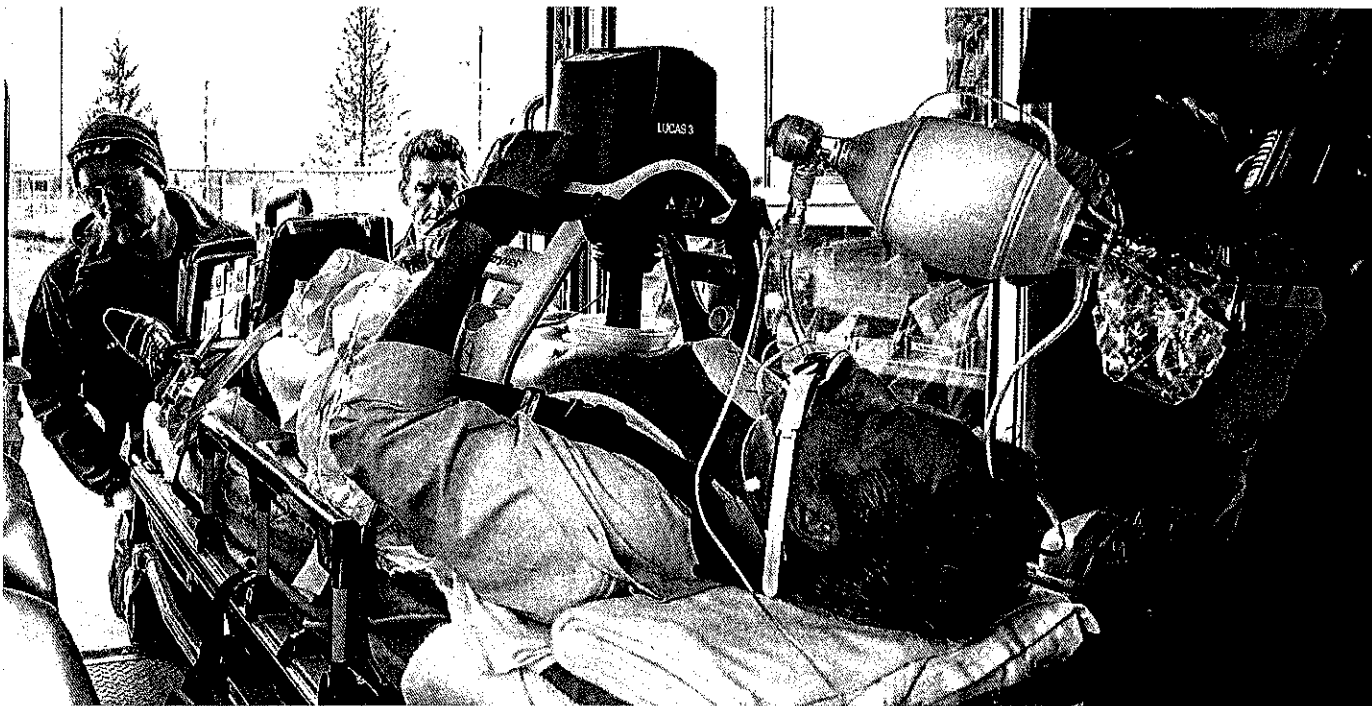
Increased blood flow to the brain vs. manual CPR³

>99%

of survivors had good neurological outcomes in large randomized LINC trial¹⁰

95%

of patients fit in the LUCAS device^{10,11}



"We know CPR is difficult to do well. People slow down. They don't always do it appropriately — even professional rescuers. A machine doesn't get tired; it is consistent, and consistency is key."

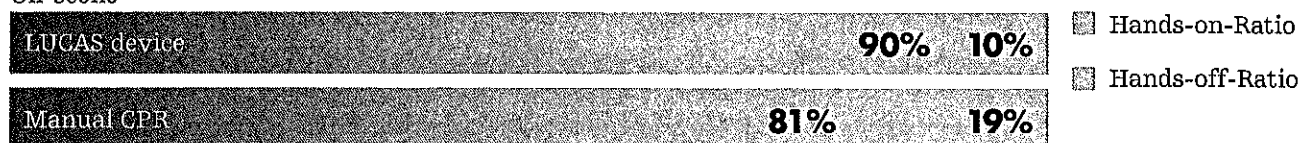
—Charles Lick, MD Medical Director, Allina Medical Transport & Emergency Department Director, Buffalo Hospital²³

Your power to improve CPR quality

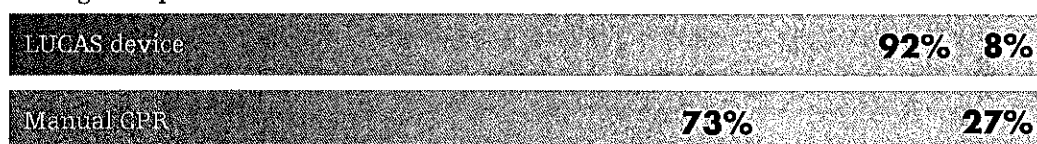
Less interruptions to CPR on the scene and during transport

30-40% of patients who have achieved return of spontaneous circulation (ROSC) on the scene will re-arrest prior to hospital arrival and may require CPR during transportation.^{20,21}

On-scene¹

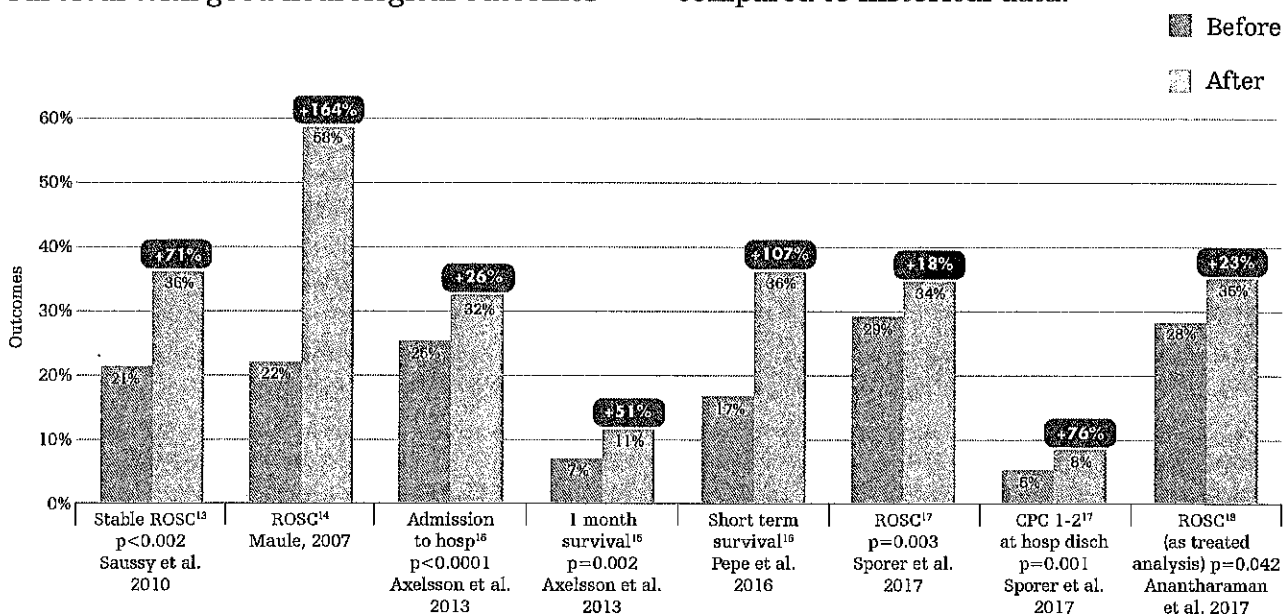


During transportation¹



LUCAS can contribute to improved outcomes

Systems of care implementing LUCAS together with a comprehensive approach to resuscitation* have shown increased ROSC rates¹³⁻¹⁷ as well as improved survival with good neurological outcomes^{15,17,19} compared to historical data.



*May include additional therapies or changes of protocols