

# LUCAS<sup>®</sup> 3 Chest Compression System

## System values



The LUCAS Chest Compression system provides benefits to cardiac arrest patients by delivering Guideline-consistent, high-quality chest compressions even under difficult conditions and for extended periods of time. The device allows you and your team to work more efficiently without having to compromise on your own safety.

### Improved outcomes

- Contributes to increased survival rates in systems of care<sup>1</sup>
- As safe and effective as high-quality CPR in large randomised trial with >99% good neurological outcomes<sup>2</sup>

### Improved hemodynamics

- Greater blood flow to brain and heart<sup>3,4,5</sup>
- Higher EtCO<sub>2</sub> values indicative of higher chance of ROSC<sup>6</sup>

### Improved CPR metrics

- More consistent quality (depth and rate)<sup>7,8,9</sup>
- Fewer interruptions<sup>10,11</sup>

### Reduce event stress

- Eliminates focus on 'who's next for compressions?'
- Focus on treating underlying condition

### Do more with less

- Can provide high-quality care even when short-staffed
- More efficient use of resources

### Provides CPR guidance and data for feedback

- Ventilation alerts
- Post-event data reporting

### Facilitates extended resuscitations

- Chest compression quality is not limited by fatigue
- Published multi-hour successful resuscitations

### High-quality CPR during transport

- Improved CPR quality<sup>7,8</sup>
- Fewer interruptions<sup>10</sup>
- Patient transfer without impacting CPR

### Bridge to PCI or ECMO

- Extend reach of care with consistent and high-quality compressions
- Facilitates ECMO/PCI and allows for treatment of the underlying cause during CPR

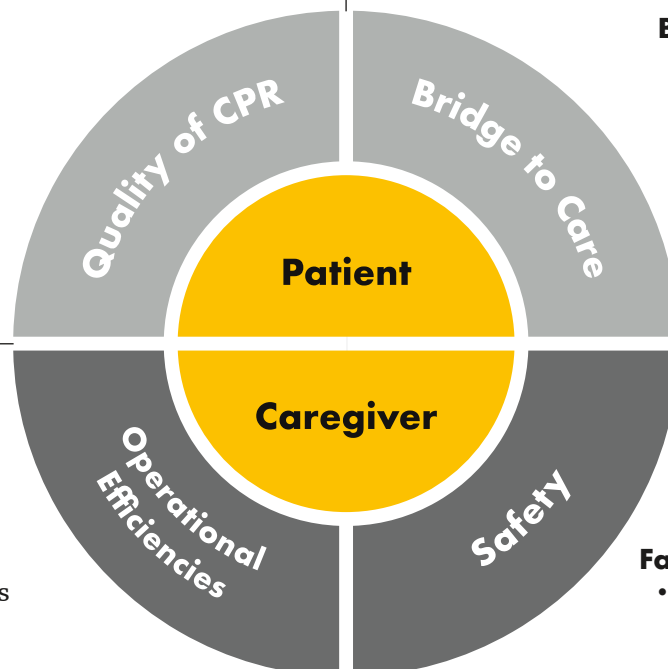
### Facilitates safer transport

- Rescuers can avoid awkward and potentially dangerous situations when performing CPR during patient transport

### Reduce work-related injuries

- Reduce body strain during extended resuscitations
- Provide high-quality CPR in awkward physical conditions

### Reduce X-ray exposure of CPR provider during PCI



# Industry-Leading Partner

At Stryker we not only offer the best solutions for your needs, we also ensure you have the best resources and support to implement and maintain our solutions.



## SERVICE

We offer comprehensive support to fit your needs.



## CLINICAL TRAINING

We provide comprehensive training to establish and maintain quality clinical practices.



## LEGACY

As the industry pioneer in defibrillation, mechanical chest compression and external pacing, we continue to innovate products to evolve patient care.



## FINANCE

We offer numerous payment structures that can be customised to meet budgetary needs and help to build long-term financial stability.

### References

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### Physio-Control is now part of Stryker.

For further information please contact your local Stryker or Physio-Control representative or visit our website at [www.physio-control.com](http://www.physio-control.com)

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