

PalmCPR[™]

Chest compression feedback device



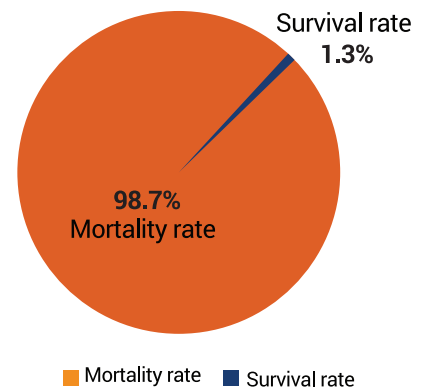
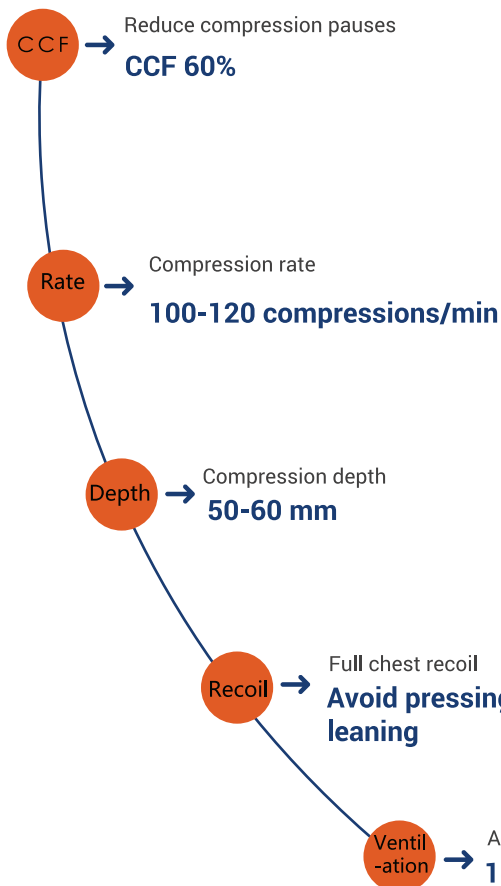
American Heart Association

- Five factors of high-quality cardiopulmonary resuscitation

Why it's necessary for high quality

CPR

Performing low-quality CPR is considered a preventable injury.



Importance of high quality CPR

Cardiopulmonary resuscitation (CPR) is the cornerstone of saving the lives of patients with cardiac arrest. Numerous animal and clinical studies have shown that the quality of CPR during resuscitation significantly impacts survival rates. However, CPR is inherently inefficient, and even when performed according to guideline standards, the blood flow generated is only 10-30% of normal cardiac output and 30-40% of normal cerebral blood flow.

This inefficiency underscores the need for trained rescuers to provide the highest quality CPR possible. The quality of CPR administration directly determines the safety of family members, friends, and colleagues.

Indicator Lights

Compression Rate

- R Red Light: 40-99bpm
- R Green Light: 100-120bpm
- R Yellow Light: 121-180bpm

Compression Depth



Too Shallow

- ✓ 1 light
ON in red: 20mm-39mm
- ✓ 2 consecutive lights:
ON in red: 40mm-49mm



Correct

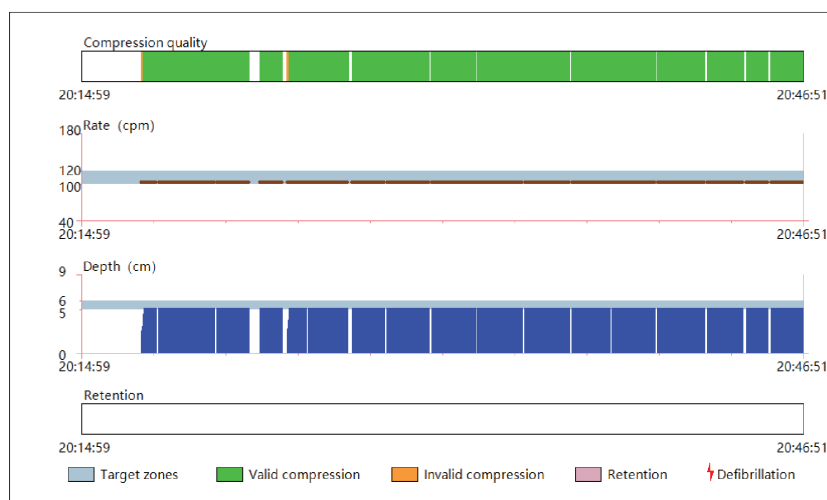
- ✓ 3 consecutive lights:
ON in green: 50mm-54mm
- ✓ 4 consecutive lights:
ON in green: 55mm-60mm



Top deep

- ✓ 5 consecutive lights:
ON in yellow: 61mm-70mm
- ✓ 4 consecutive lights:
ON in yellow: 71mm-90mm

CPR quality analysis report



Time

Arrival time: 2025-01-25 20:14:59	CCF: 84%
First monitored rhythm time:	Total compressions: 2574
First monitored rhythm:	Total compression time: 00:26:50
First compression time: 2025-01-25 20:17:38	Total interrupt time: 00:02:23
CPR start time: 2025-01-25 20:14:59	Total interrupt times(>2s): 19
CPR stop time: 2025-01-25 20:46:51	Interrupt times(>10s): 3
Total CPR time: 00:31:52	Longest interrupt time: 30
Time of man-machine switch interruption:	Valid compressions: 2557(99.34%)

Rate (Target zones: 100-120cpm)

Average Rate: 102 cpm	In target zone: 2574(100%)
Maximum Rate: 102 cpm	Above target zone: 0(0%)
Minimum Rate: 102 cpm	Below target zone: 0(0%)

Depth (Target zone: 5-6cm)

Average Depth: 5.2 cm	In target zone: 2557(99.34%)
Maximum Depth: 5.2 cm	Above target zone: 0(0%)
Minimum Depth: 2.6 cm	Below target zone: 17(0.66%)

Allow full recoil after each compression

Full recoil after each 2574(100%) compression:	Lean on the chest between 0(0%) compressions:
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Ventilation

Advanced airway build start time:	Time in advanced airway placement:
Advanced airway build stop time:	Time of interruption in advanced airway placement:



i Pressure quality, precise feedback

- ✓ Built-in dual sensor technology for accurate feedback.
- ✓ Provide visual and auditory feedback, multi-dimensional guidance.
- ✓ Can be used on any manikin.

i Press to interrupt reminder, improve CCF

- ✓ Utilising American nano-pressure sensing technology, it provides accurate feedback on rebound.
- ✓ Auto notice when compression pause over 10 seconds Continuous and 30:2 compression mode.

i Live recording

- ✓ Automatic synchronisation of recordings to recreate the scene.
- ✓ Large-capacity recording storage, instant review and analysis.
- ✓ Synchronous follow-up of recording and pressing data.

i Customization

- ✓ Record each person's pressing data in real time.
- ✓ Review and compare personal historical data to improve skills.
- ✓ The software system automatically analyses personal data and generates reports.

