

FOCUS - ON - PATIENTS

 corpuls®

**I AM
NO
HERO**
IT'S MY JOB



corpuls aed

corpuls aed



Advanced early defibrillation for specialists and non-specialists

The new **corpuls aed** safely guides experts and non-experts through life-saving resuscitation. The defibrillator is available as a fully automated or semi-automated version and also comes with an optional, built-in GSM module. This allows emergency calls to be triggered directly via the **corpuls aed** and the control centre dispatcher to guide the resuscitation over the telephone.

The built-in **corPatch CPR** feedback sensor captures all data of the carried out heart pressure massage. **corPatch** electrodes and the **corPatch CPR** feedback sensor are compatible with all other **corpuls** defibrillators and can be replugged in a matter of seconds.

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SPECIFICATIONS

General Specifications:

- Dust and waterproof to IP66
- RTCA DO-160G Aircraft approval (selected sections)
- Vibration and impact resistant to DIN EN 1789
- Operating temperature range -10 °C to +55 °C (CPR only mode -20 °C to +55 °C)
- GSM emergency call with speakerphone function (optional)
- Speaker and microphone
- Voice recording
- Lithium metal battery
Standby time: about 5 years (depending on setting)
CPR only mode: 12-15 operating hours or 220 shocks AED mode: 4.8 h with 175 shocks
- Dimensions (LxWxD): 25.4 cm x 21.9 cm x 5.9 cm / 10" x 8.6" x 2.3"
- Weight: approx. 1.9 kg / 4.2 pounds (device + battery)
- Compatible with other corpuls products (corPatch electrodes, corPatch CPR feedback sensor, software)

Monitor:

- 4.3" colour display, back-lit
- Display of up to 2 curves (DE channel and corPatch CPR* feedback curve)
- Display of up to 2 vital parameters (Heart frequency and corPatch CPR feedback frequency)
- Pictograms with instructions
- Instructions in text format

Defibrillator (2 variants):

- Fully automated: Analysis and shock application without user interaction
- Semi-automated: Automatic analysis (configurable manual analysis start) and shock application by the user

Availability:

- Status display directly on the device
- Selectable interval for self-tests (configurable)
- Monitoring over WLAN (using optional software)

Data management:

- WLAN connection (device monitoring, configuration, updates, user data querying)
- Saving of user data (min. 100 hours)
- Saving of audio recordings (max. 240 minutes)

*corPatch CPR is a licensed product of ZOLL Medical Corporation.

Find out more at www.corpuls.world

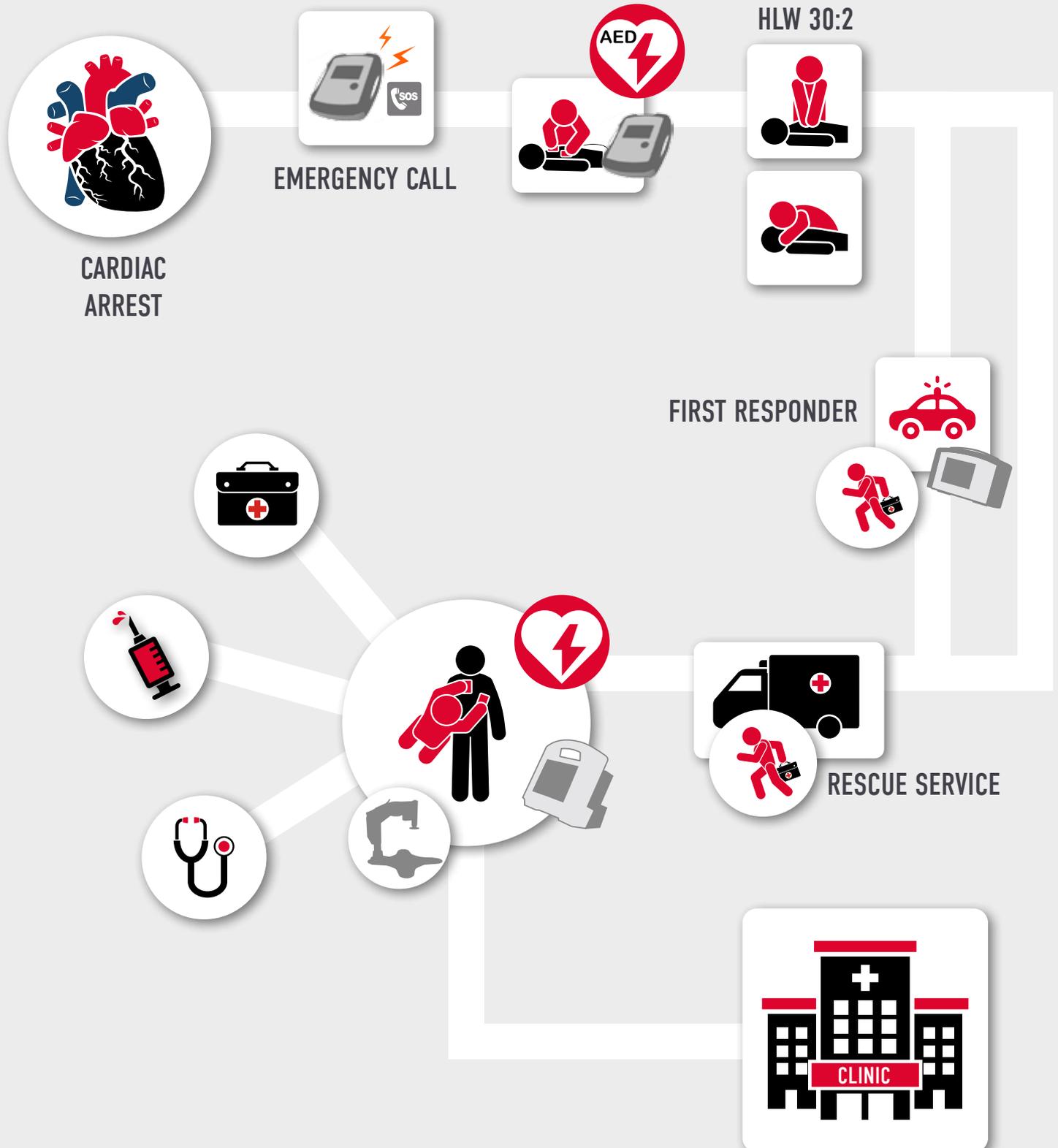


The corpuls aed in the rescue chain

An automated external defibrillator is a crucial link in the rescue chain. The new corpuls aed guides the first-aiders through the correct procedure and reduces at immediate use the time to alert other personnel using the optional built-in GSM module.

The speakerphone function also allows guided resuscitation to be carried out with the support of control centre staff.

The corPatch electrodes and the corPatch CPR feedback sensor can be reused on other corpuls devices.





Ready for action – whenever it's needed

With its low weight and compact dimensions, the **corpuls aed** is the ideal addition to any emergency equipment. A long battery life of 5 years (depending on setting) and automatic self-testing guarantee reliability. For example, home carers, (mobile) GPs, health care teams and responders can use the **corpuls aed** in emergencies to provide effective assistance.

Integrated speakerphone function

The new **corpuls aed** also comes with an optional, built-in GSM module that triggers an advance emergency call at the start of resuscitation. This saves valuable time and makes the job easier for first-aiders who are alone. Moreover, the dispatcher on the telephone can support the resuscitation, ask questions about the location if required, and glean valuable information for the arriving emergency personnel.

Support for first-aiders

The integrated smartMetronom provides users with the correct rhythm and changes the tone when respiration breaks are needed. The **corPatch CPR** feedback sensor is adhered to the pressure point and measures the frequency and depth of pressure. The quality of the compressions is shown clearly on the display and is kept constant by means of voice messages (e.g. indications on improvement).

Central management and simple assessment

The wireless connection allows multiple **corpuls aed** devices to be managed centrally and simply over WLAN. Key features of the device include calling up the device status, modifying the configurations and uploading updates. The **corpuls aed** uses automated notifications to inform the user of upcoming maintenance requirements in advance. The recorded user data, including sound recordings, can be quickly exported and read with the **corpuls.web REVIEW** software.



10 M

HEARTBEATS PER WORKING DAY

FOR SOME OF THE WORLDS BEST MEDICAL DEVICES



For 35 years, corpuls® has developed and produced innovative high-end equipment for emergency and intensive care medicine. Today, over 200 hearts in our headquarters in Kaufering have each beat around 50,000 times every working day aspiring to meet the high standards of rescue workers from over 60 countries across the world.

corpuls defibrillators, patient monitoring systems and chest compression devices have set the standard since day one in the realisation of the most advanced insights in medical science, as well as in terms of innovation and ergonomics and so guarantee reliable and trusted aid in the struggle for the preservation of human lives.

The long-standing deployment of the equipment under the most difficult conditions and tens of thousands of satisfied customers are the best evidence of the success of the route we have taken and are the daily motivation for our team.

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