ARCHEON MEDICAL



EOlifeX®

CPR: EFFECTIVE TRAINING TO SAVE LIVES

REAL-TIME VISUAL FEEDBACK = EFFICIENT VENTILATION[1]





EOlife X® is a CPR manual ventilation training device. [2]

EOlife X® teaches about airway management and good ventilation regardless of the user's level of experience and the type of patient treated.

Airway management: a crucial part of CPR

- On average, **35 to 85%** of the air leaks out before reaching the patient's lungs. [3]
- **30%** of patients regurgitate gastric contents when the jaw-thrust manoeuvre is not used correctly. [4]
- The most common complication is failure to intubate. After two failed intubation attempts the patient is more likely to suffer serious complications and die. [5]

EOlife X® gives feedback on leaks and its bar graph displays the volumes inhaled and exhaled in real time, teaching you how to :

- Position and seal the mask more effectively.
- Use the jaw-thrust manoeuvre correctly to avoid insufflation of air into the stomach.
- Intubate successfully.





Avoiding hyperventilation

Hyperventilation is feared by most carers when performing CPR as it causes:

- Lung damage and barotrauma.
- Lung infections and pneumonia.
- Reduced blood flow to the heart and brain.

This affects the chances of survival by around 70%. [1]

International studies have reported that hyperventilation occurs in 80% of CPR procedures. [6]

EOlife X® uses algorithms based on ERC and AHA guidelines to help deliver the appropriate oxygen volume and follow the correct ventilation frequencies for every type of adult patient.

The visual feedback increases the quality of manual ventilation by 70% and reduces the risk of hyperventilation tenfold. [2]



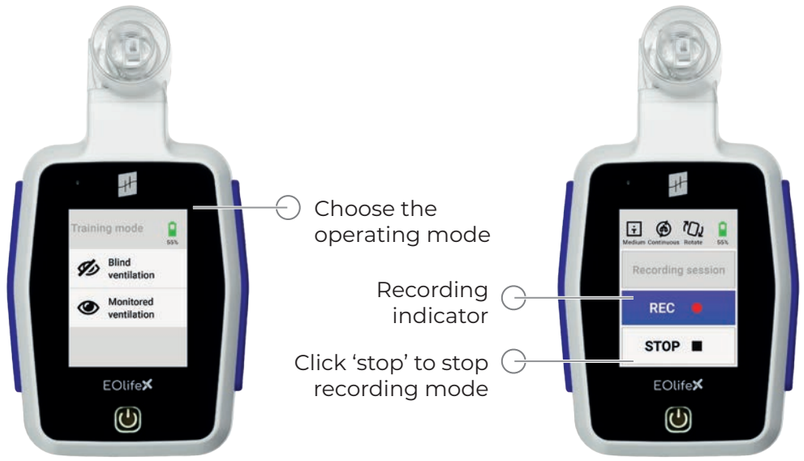
Specifications and benefits

EOlife X®'s software is designed specifically for CPR manual ventilation training.

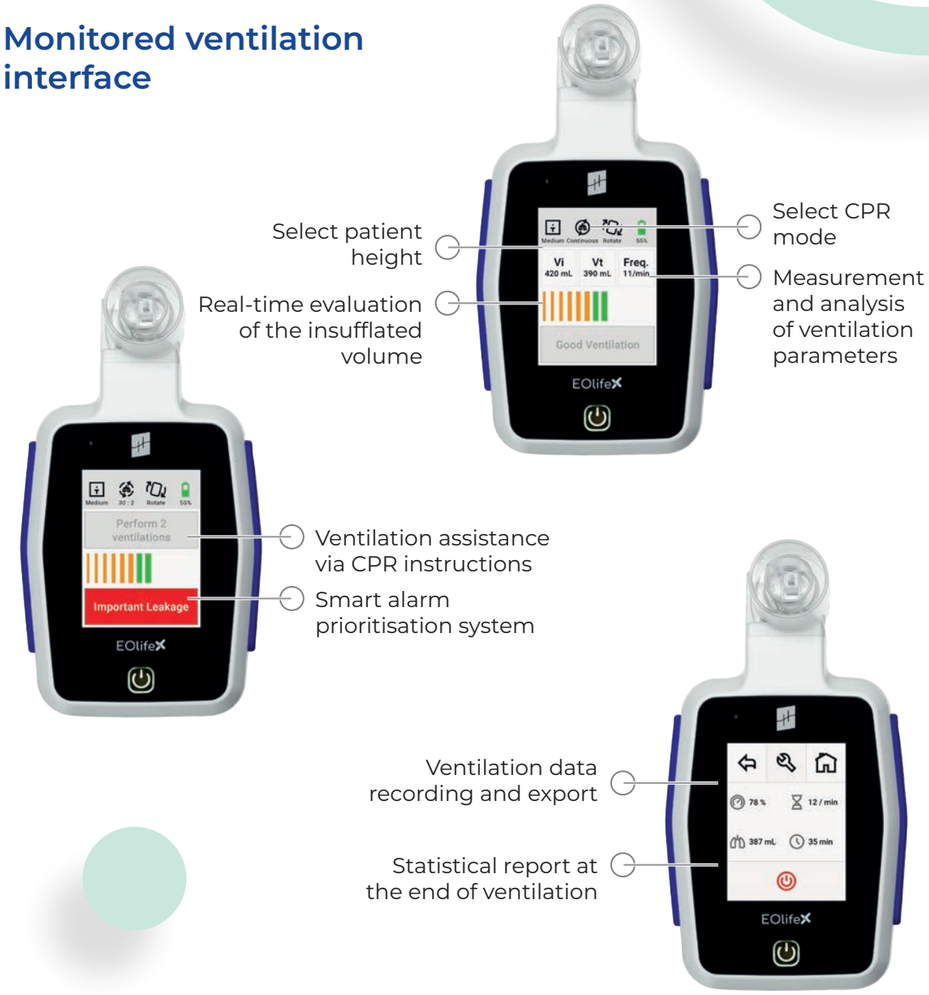


Blind ventilation interface

EOlife X® can record and evaluate ventilation parameters during manual ventilation without providing feedback.



Monitored ventilation interface





Latest data from the American Heart Association (AHA) shows that using a device providing real-time feedback increases the chances of survival by 20%. [7]

FlowSense X® is a high-precision digital sensor. It can be easily replaced and does not require calibration.

Legal information

EOlife X® is designed for manual ventilation training on a manikin only.
EOlife X® is not intended for use on humans.
EOlife X® is not a medical device.

Part numbers of products and accessories

Part number	Description
A0000089	**EOlife X** *One carton containing one EOlife X and one FlowSense X that may be reused only on a manikin. Comes with a carrying case, an external battery, charger and a start guide.*

A version also exists for clinical use





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LIFE COMES FIRST

ARCHEON Medical
archeon-medical.com

2 Chemin des Aiguillettes
25000 BESANCON, FRANCE

Tel : +33 (0)3 81 66 23 80
contact@archeon-medical.com

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