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S8

Defibrillator/monitor

What Is Defibrillation?

Defibrillation is a treatment for life-threatening cardiac dysrhythmias, specifically ventricular fibrillation (VF) and non-perfusing ventricular tachycardia (VT). A defibrillator delivers a dose of electric current (often called a countershock) to the heart, this would depolarize a large amount of the heart muscle, ending the dysrhythmia. Subsequently, the body's natural pacemaker in the sinoatrial node of the heart is able to re-establish normal sinus rhythm.

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★ 4 in 1 operation modes

★ Convenient and efficient life rescue

★ Wide range of patient types

★ Reliable quality

★ Information-based network solution

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4 in 1 Operation Modes

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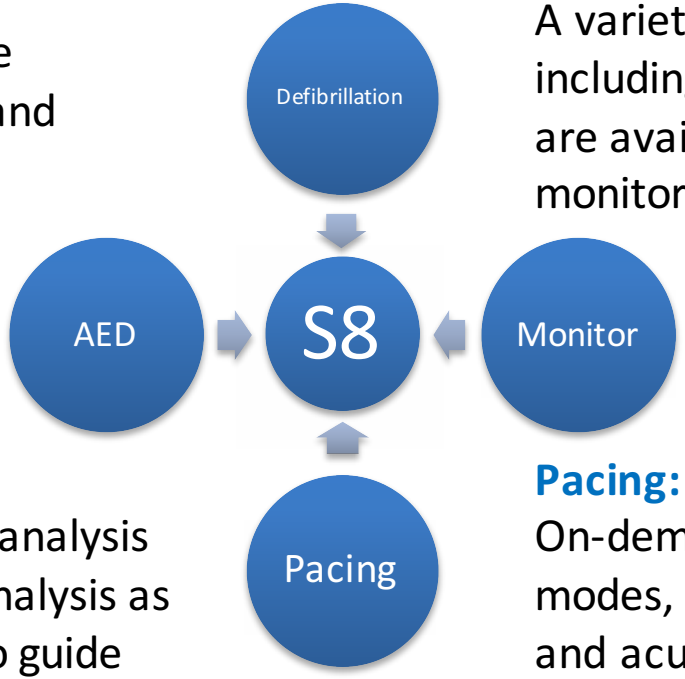
Defibrillation:

Manual defibrillation include synchronous cardioversion and asynchronous defibrillation.



Monitor:

A variety of monitoring parameters including ETCO2, IBP, and 12-lead ECG are available for continuous monitoring of vital signs.

AED:

The mode applies patented analysis algorithm and automated analysis as well as convenient setting to guide clinical emergency personnel in providing defibrillation and basic life support.

Pacing:

On-demand pacing and fixed pacing modes, for patients with cardiac arrest and acute severe slow arrhythmia, in vitro non-invasive pacing mode is rapid, easy to master, time-saving and improve recovery success rate.

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Convenient and Efficient Life Rescue

Three Steps

3 steps to fulfill defibrillating operation (Energy selection – Charging – Discharging).

Charging time (power supplied by battery): 5s to 200J, 8s to 360J

One Knob Selection

1 knob, modes can be switched among manual defibrillation, pacing, AED and monitor.

25 types, energy selections.

1s, energy can be set up, rescue time is guaranteed fully.

Defibrillation Paddles

1 for 2 , electrode paddles can be divided into large and small electrode paddles which can defibrillate for both adult and child respectively.

1 pair, defibrillating operation can be completed on a pair of electrode paddles.

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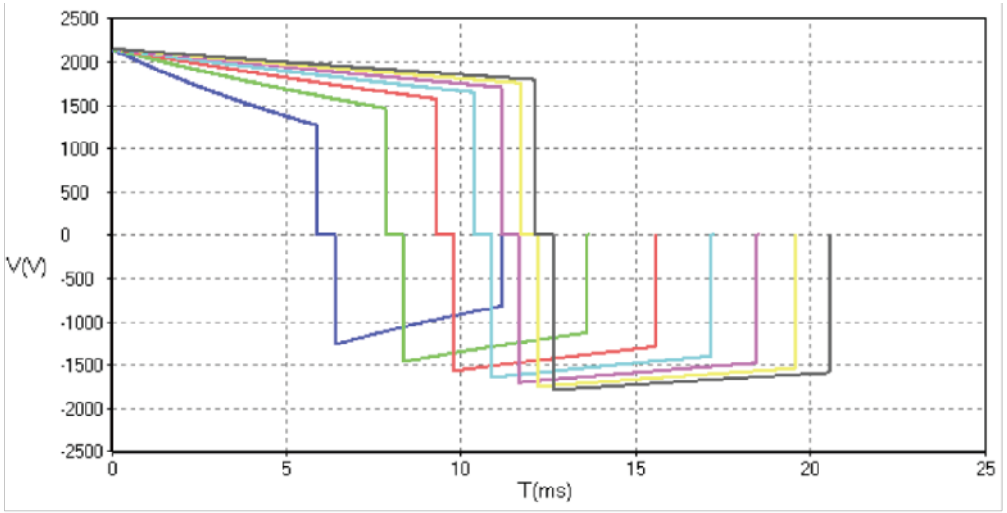
Wide Range of Patient Types

Advanced BTE Technology

Higher efficiency with Advanced Biphasic Truncated Exponential (BTE) waveform technology and automatic impedance compensation.



BTE

Lower energy

Lighter damage

Better defibrillation

Wide Range of Patient Types

Thanks to the advanced BTE technology and automatic impedance compensation, S8 is able to be used for a wide range of patient types.

Up to **360J** energy selection, for patients with high defibrillation thresholds such as myocardial infarction, obesity, high impedance, higher energy selection indicates greater defibrillation success rate.

Greater impedance range from **20- 250Ω**, suitable for a great range of patients.

Reliable Quality

Anti-shock and Anti-fall

Anti-shock and anti-fall, sturdy and durable. With IP44 Ingress protection, S8 avoids the penetration of liquid and can be applied in complexly outdoor environment.

Large-capacity Lithium Battery

Large-capacity lithium battery, support fast charging and maximum 420 times of largest energy discharges, satisfy clinical requirements.

Printer and Storage

Support 240 minutes of AED recording storage, the recording of each patient can be saved up to 60 minutes.

Numerous events review, trend and data storing, more than 1000 patient case can be saved.

80mm thermal printer, waveforms are more clear and accurate.

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Information-based Solution

Information Management

Comen is able to provide a comprehensive networking solution, allowing users to access patient's information and improve work efficiency when needed.

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