

## BeneHeart C Series in Schools

Semi-/Fully-Automatic AED (Automated External Defibrillator)

# Smarter & Faster



Sudden cardiac arrest (SCA) is a condition in which the heart suddenly and unexpectedly stops beating. If this happens, blood stops flowing to the brain and other vital organs. SCA usually causes death if it's not treated within minutes, which is why the placement and use of automated external defibrillators (AED) in the community should be encouraged to enable defibrillation within the first minutes after a ventricular fibrillation (VF) sudden cardiac arrest<sup>1</sup>.



There are a million things happening every day. Accidents could happen anytime.

For example, can you imagine a student suddenly collapsed and died from sudden cardiac arrest when he or she is playing sports, or even just on the way to class? When a tragedy like this happens, people might think there's nothing they can do. But there is : immediate treatment - before paramedics arrive – with cardiopulmonary resuscitation(CPR) and an automated external defibrillator(AED), gives the child the best chance of survival.

Each year, approximately 7,000 children youth under the age of 18 or younger experience sudden cardiac arrest outside a hospital with survival rates less than 10%. Immediate CPR can double or triple his/her chance of survival, which is important for schools since children spend at least one-third of their days in this environment.

Schools play an important role of preparing young people for their future. Doesn't it make sense that schools themselves should be prepared to save lives of students?

<sup>1</sup> Source: The International Liaison Committee on Resuscitation (ILCOR) and currently includes representatives from the American Heart Association (AHA), the European Resuscitation Council (ERC), the Heart and Stroke Foundation of Canada (HSFC), the Australian and New Zealand Committee on Resuscitation (ANZCOR), Resuscitation Council of Southern Africa (RCSA), the Inter-American Heart Foundation (IAHF), and the Resuscitation Council of Asia (RCA).

## Why Mindray AED?

### Smarter AED for Easier Use

#### 7" TFT Color Screen

Smarter AED can show you what to do step by step.

#### Intelligent ResQNav<sup>TM</sup>

Based on a large number of user behavior and psychological research results, ResQNav<sup>TM</sup> technology can evaluate the proficiency level of rescuers, and provide targeted intelligent rescue navigation for different rescuers throughout the whole resuscitation process.

#### Intuitive Design

- Open the lid to power on
- Up to 3 languages to select
- Simple switching between adult-child mode
- Pre-connected adult/child pads

### Reliable & Durable Quality

- 6-surface 1.5m drop test
- IP55 water-/dust-proof
- Meets the standards for helicopter and other transport
- Equipped with high quality consumables. The durable batteries and pads have a life cycle up to 5 years, which results in lower total cost of ownership



### Faster & Powerful Shock

#### QShock<sup>TM</sup>-Faster Time to 1st Shock

It only takes less than 8 seconds to deliver the first shock.

#### 360BT<sup>e</sup>-High Energy for Better Outcome

BeneHeart C series features 360J biphasic technology with auto-compensation according to patient impedance, which increases the chance to save difficult-to-defibrillate patients.

### Stay Connected, Stay Confident

AED-Alert<sup>TM</sup> 2.0 system<sup>2</sup> helps managers realize remote and centralized AED management through advanced IoT technology, and replaces manual inspection with automatic self-test to reduce daily maintenance costs.

<sup>2</sup> For further information about the availability of AED-Alert<sup>TM</sup> 2.0, please contact with your local sales representatives.