

# Physio-Control LIFEPAK<sup>®</sup> CR Plus

What you need to know.



# Cardiac arrest can affect anyone at any age.

Over 30,000\* people have a cardiac arrest outside of hospitals each year and for each minute that passes without defibrillation after the heart stops pumping blood, the casualty's chance of survival falls by about 14%.\*\* Defibrillation with good quality CPR is the only effective treatment for cardiac arrest.

It could be the best investment you ever make.

## **What is an Automated External Defibrillator (AED)?**

An AED is a reliable, safe, computerised device that delivers electric shocks to a casualty in cardiac arrest.

## **Do I have to be trained to use an AED?**

AEDs are designed to be easy to use, with selected models being designed for the use by a lay person, these AEDs include voice prompts which explain what to do next, metronome so that your compressions are kept at the correct speed and prompts to help with CPR. The 2010 Resuscitation Council (UK) guidelines still advise training for AED operators but state that in an emergency you do not have to be trained to use an AED. In short it is better to use it than not, even if a trained operator is not available.

## **Can I make things worse by using an AED on someone that does not need shocking?**

It is impossible to shock someone that does not require it. AEDs monitor the activity of the heart as soon as the pads are in place on the casualty. If it is not needed, the AED will not administer a shock.

## **What happens in Sudden Cardiac Arrest (SCA)?**

Casualties of Sudden Cardiac Arrest collapse, are unresponsive, lose consciousness, stop breathing and have no pulse. Sudden Cardiac Arrest casualties are often suffering from a life threatening abnormal heart rhythm called ventricular fibrillation (VF).

## **What is Ventricular Fibrillation (VF)?**

This is when the heart stops beating at a normal pace and rhythm. This results in the heart "quivering" and stops pumping blood to vital organs. Without immediate good quality CPR and defibrillation this leads to death within minutes.

## **What is the importance of good quality CPR when using an AED?**

The Resuscitation Guidelines 2010 state that the optimum treatment for Sudden Cardiac Arrest or ventricular fibrillation is immediate good quality CPR with the use of an AED. CPR helps to pump oxygenated blood to the vital organs including the heart and brain during SCA.

## Can anyone use the Physio-Control LIFEPAK® CR Plus?

Suitable for use by lay person and first responders with minimum training.

## Where can the Physio-Control LIFEPAK® CR Plus be used?

- Offices
- Airports
- Train stations
- Ferries
- Hotels
- Schools
- Public places
- Sporting venues.

## What are the features of the Physio-Control LIFEPAK® CR Plus?

- Semi and fully automatic
- IPX4
- Simple to use, 2 step process
- Visible "Readiness" Indicator
- Same advanced technology trusted by Emergency Professionals
- Synchronised replacement cycle for CHARGE PAK and Electrodes
- Eight year warranty.

## What comes with my Physio-Control LIFEPAK® CR Plus?

- Defibrillator
- First responder kit
- Charging stick
- Two pairs of adult QUIK-PAK electrodes
- Quick reference card
- User DVD.

