

THIS IS REALLY GOOD NEWS!

We have all seen the recent media coverage where it explained that the likelihood of death from Sudden Cardiac Arrest is increasing.

Last Friday we had a Sudden Cardiac Arrest. It was PEA (Pulseless Electrical Activity) which means that although there was electrical activity, it was Pulseless. PEA is a non-shockable rhythm. So the AED said "NO SHOCK ADVISED". What now!

Imagine you were in that situation! What would you do!

I hear you say, continue CPR of course!

Well that is just what they did. But this next bit is the part we really want you to hear.

With all good intentions, during CPR the rescuer was not pushing hard enough to produce cardiac output (blood flow). The device kept saying "Push Harder". So the rescuer asked someone else to take over, who pushed harder, and the device said good compressions. They maintained this, occasionally having to respond to a push harder and a couple of push faster prompts along the way.

The Samaritan 500P records the ECG (like most other defibrillators do) but it also records the cardiac output or blood flow, depicted on the ICG trace below.

Figure 1

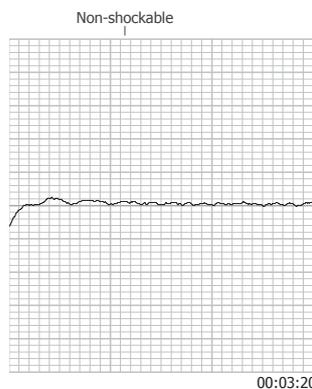


Figure 2

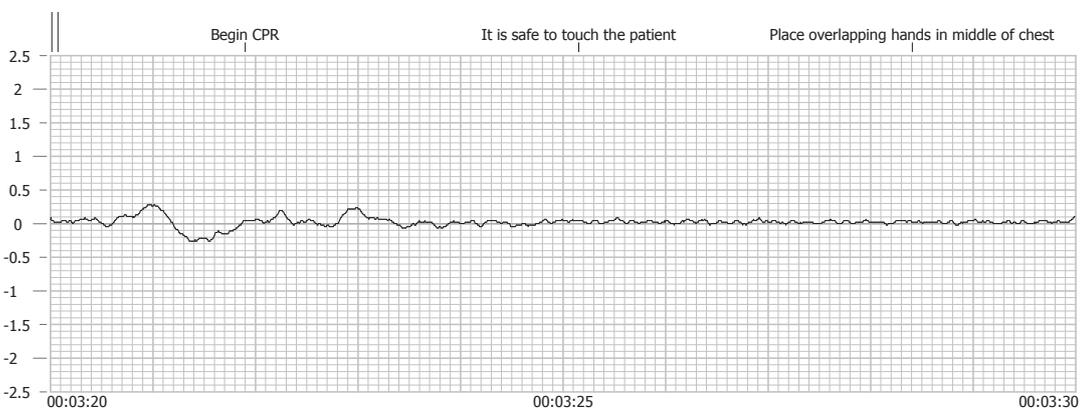


Figure 3

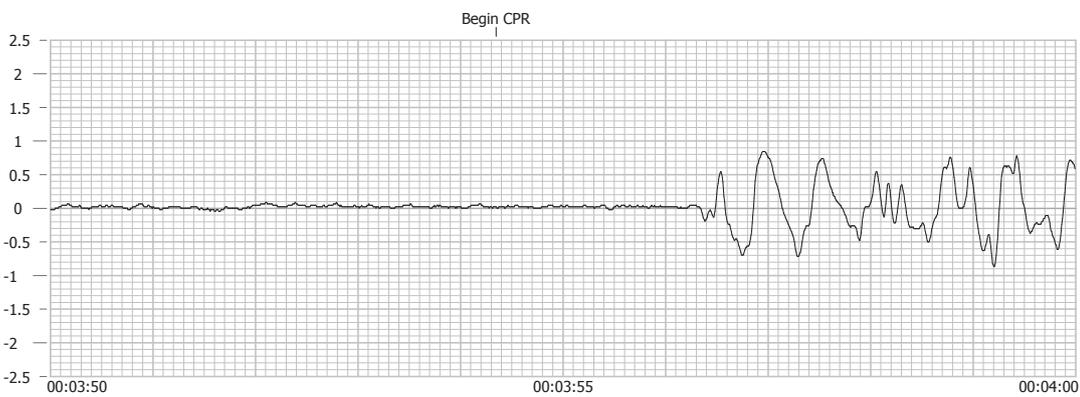
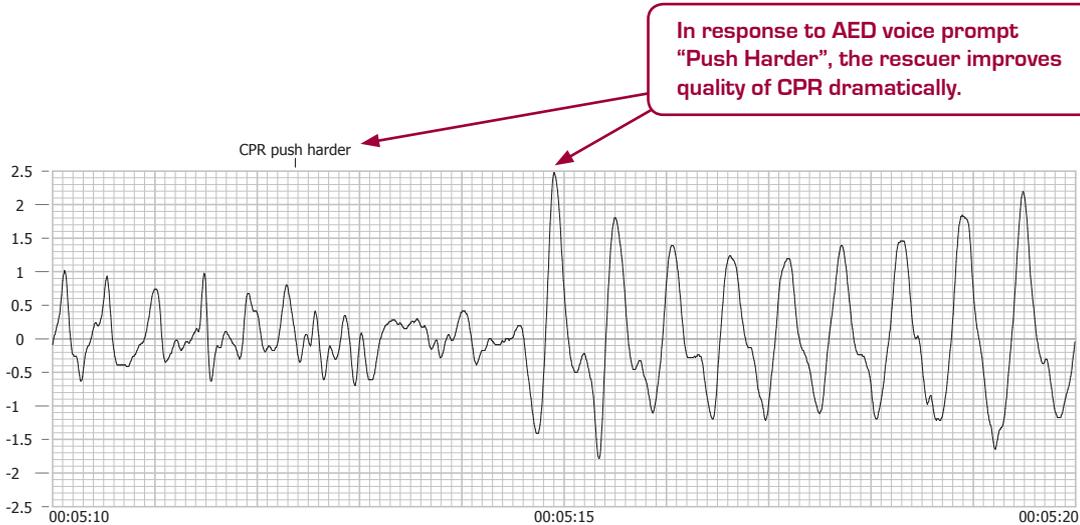


Figure 4



On reviewing the stored data, it is clearly evident that these voice prompts resulted in better compressions producing better cardiac output.

The Samaritan 500P gave the voice prompt PUSH HARDER, because the patented ICG technology identified that there was insufficient cardiac output.

The name for the arrhythmia (bad heart rhythm) that was recorded on the ECG was PEA (Pulseless Electrical Activity), and is a very dangerous arrhythmia which is non-shockable.

But through good CPR, the rescuers laid the foundation the good recovery that the medical professionals expect this person to make.

That's why we say the Samaritan 500P is more than an AED. It's a life-saver.

So next time you get an enquiry for an AED, help your client to understand why the wise choice is the Samaritan 500P.

With its 10 year warranty, low cost of consumables, the highest water & dust ratings in the industry (IP56), one of the smallest and lightest on the market, rated for use in aeroplanes, Surf Life Saving Australia approved, winner of an Australian design award (yes designed in Australia!), and the list goes on.

The quality of CPR. This is truly amazing, and inspires fresh confidence in the Samaritan 500P – it's more than an AED – a Lifesaver, Pure and Simple!

Kind regards
Robert Fowler
AED Product Manager