

Success Depends On High-Quality CPR

A recent study in Mesa, Arizona, documented an unprecedented improvement in patient outcomes with CPR training and ZOLL's industry-exclusive Real CPR Help®.*

The bottom line: A victim of cardiac arrest is more than twice as likely to survive when rescued with a defibrillator equipped with Real CPR Help used by medics who have received scenario-based training.

Let your customers know only the ZOLL AED Plus® has Real CPR Help.



The Study

- 484 out-of-hospital cardiac arrest patients were studied.
- Phase 1 - 232 of these patients were defibrillated with a ZOLL E Series® WITHOUT Real CPR Help enabled.
- Phase 2 - 252 other patients were defibrillated WITH Real CPR Help enabled by medics who had been given scenario-based training emphasizing a team approach.

The Results

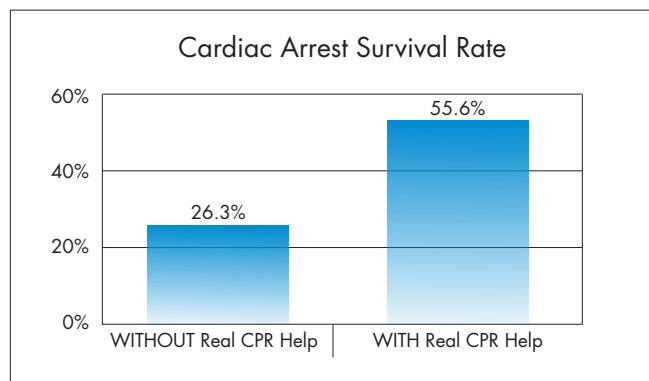
Comparing the raw numbers for witnessed cardiac arrests where a shock was advised:

- WITHOUT Real CPR Help, survival was 26.3%.
- WITH Real CPR Help and scenario-based training, survival jumped to 55.6%!

The statistically adjusted odds ratio for all cardiac arrests (for all patients, regardless of whether a shock was advised) showed that with Real CPR Help and scenario-based training, patients were 2.7 times more likely to survive.

Effects on Overall CPR Quality

- Time performing chest compressions increased from 66% in Phase 1 to 84% in Phase 2.
- Average chest compression depth increased from 1.78 inches in Phase 1 to 2.15 inches in Phase 2.
- Average rate of compressions decreased from 128 per minute in Phase 1 to 106 in Phase 2.



* Bobrow BJ, et al. Ann Emerg Med. 2013 Jul;62(1):47-56.e1. Epub 2013 Mar 7

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