

High-Quality CPR with Enhanced Perfusion with the R Series Defibrillator and ResQPOD ITD

ZOLL®



A synergistic combination that impacts both phases of CPR

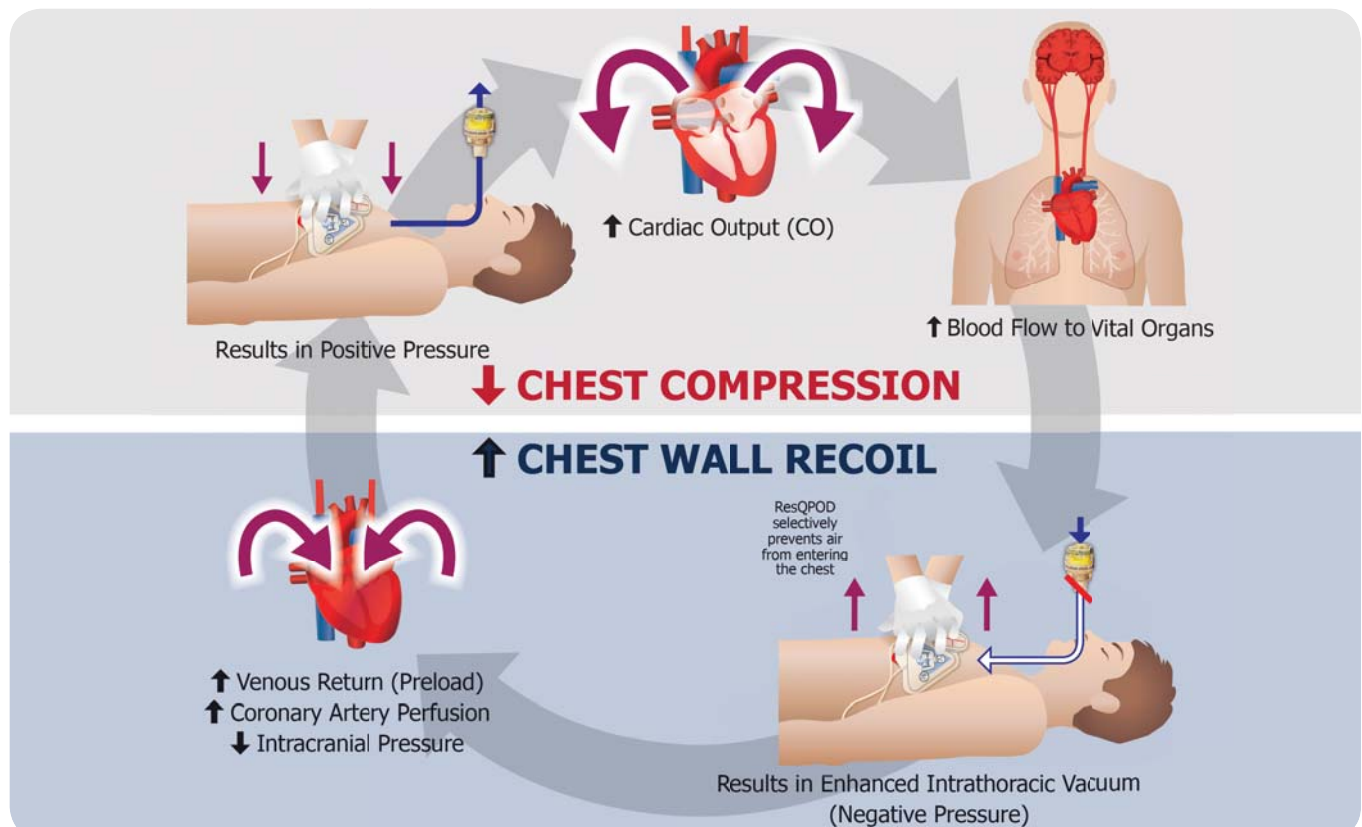
There are two phases of CPR—the chest compression phase and the chest wall recoil phase.

Chest Compression Phase: R Series

During chest compressions, positive pressure is created within the chest with each compression. And since the R Series® monitor/defibrillator with Real CPR Help® technology helps rescuers achieve the proper compression rate and depth, you are increasing blood flow to vital organs during cardiac arrest.

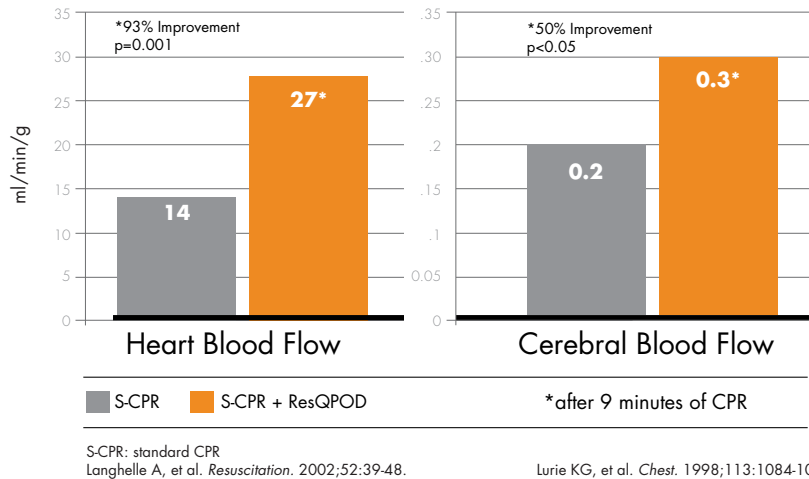
Chest Recoil Phase: R Series and ResQPOD ITD

During chest wall recoil, blood is pulled back into the heart as negative pressure, or a vacuum, is created within the chest. By simply adding the ResQPOD® ITD (impedance threshold device), air is selectively prevented from entering the chest, which further enhances the vacuum. This pulls more blood back into the heart resulting in better preload. The R Series CPR Dashboard™ has a release indicator to ensure rescuers are releasing fully and rapidly off the chest to maximize negative pressure and allow sufficient time for cardiac filling. This results in full chest wall recoil, which helps to further maximize the ResQPOD ITD's effectiveness.



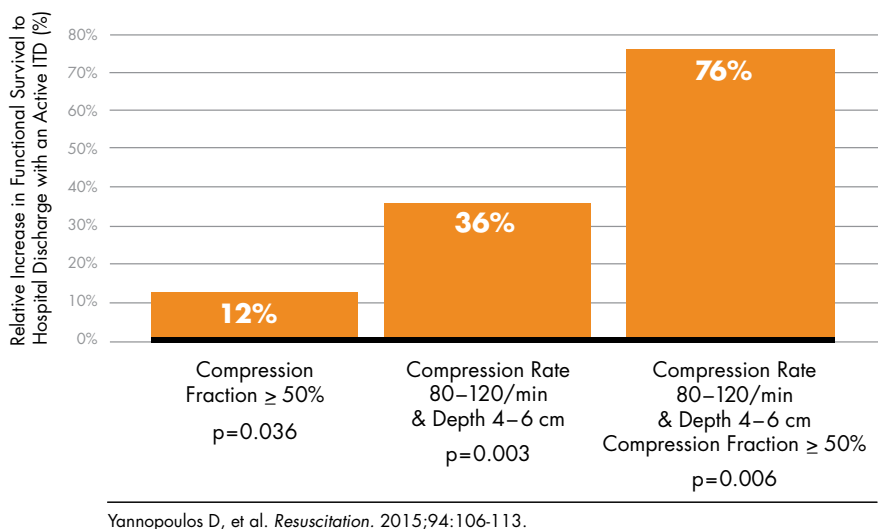
ResQPOD + High-Quality CPR = Better Blood Flow to Vital Organs

Attached to a facemask or other airway adjunct, the ResQPOD selectively prevents air from entering the lungs during the chest wall recoil phase. When used in conjunction with high-quality CPR, like that achieved with ZOLL's Real CPR Help technology, the ResQPOD enhances the vacuum in the chest. This vacuum pulls more blood back to the heart and enhances intracranial pressure. As a result, more blood is circulated to the brain and vital organs until the heart can be restarted. **This demonstrates how the ResQPOD ITD can take high-quality CPR to high-perfusion CPR with the R Series' Real CPR Help technology.**



ResQPOD + High-Quality CPR = Increased Survival

A recent analysis of the ROC PRIMED data showed that when the ResQPOD was used, survival rates improved as the quality of CPR improved.¹ By using ZOLL's Real CPR Help technology, available on the R Series monitor/defibrillator, rescuers are able to achieve the high-quality CPR that is needed to optimize the ResQPOD's effectiveness.



¹Yannopoulos D, et al. *Resuscitation*. 2015;94:106-113.

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Studies available upon request. The generally cleared indication for use for the ResQPOD ITD 10 available for sale in the United States (U.S.) is for a temporary increase in blood circulation during emergency care, hospital, clinic, and home use. The studies referenced here are not intended to imply specific outcomes-based claims not cleared by the U.S. FDA.

