

See-Thru CPR

See-Thru CPR® technology **filters out compression artifact** on the ECG monitor, reducing your need to interrupt compressions to see underlying organized rhythms during resuscitation.

Why “Seeing” CPR Matters

A key recommendation of the [*2005 American Heart Association Guidelines for Cardiopulmonary Resuscitation \(CPR\) and Emergency Cardiovascular Care*](#) is to minimize interruptions in CPR. One of the most common reasons for interruptions is stopping CPR to determine whether an organized, shockable rhythm has developed. With ZOLL's patented See-Thru CPR technology, responders do not have to repeatedly stop CPR for a rhythm check – a filtered signal can be displayed on the screen.

This exclusive ZOLL technology allows the professional rescuer to analyze a patient's heart rhythm while continuous CPR is in progress and monitor the heart rhythm to determine the appropriate time to analyze or stop CPR to check the ECG.

How See-Thru CPR Works

In See-Thru CPR, ECG signal processing extracts CPR artifact from the ECG so you can see organized rhythms without interrupting compressions.

Below is an actual waveform generated during CPR; one of the many ZOLL Medical has collected when validating the technology. The filtered signal shows that there is an underlying, organized, shockable rhythm. ZOLL recommends stopping CPR to confirm the rhythm is shockable prior to shocking.

