

AutoPulse® NXT

CLEAR VIEWS

CONTINUOUS CPR



CPR from all angles

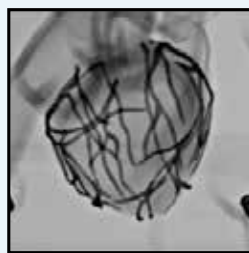
The radiolucent design of the AutoPulse® NXT allows for clear visualisation of the coronary arteries — even while the system is actively delivering compressions.

With a low-profile design, the C-arm can move freely and remain close to the patient, helping to protect staff from excess scatter radiation, even when compressions are required.

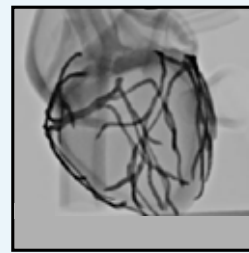
Common angle views of coronary arteries



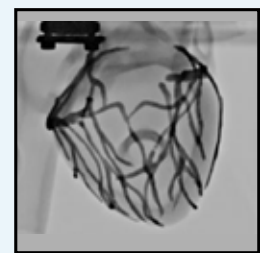
AP 0°/0°



RAO 10° / CRAN 30°



LAO 30° / CRAN 10°



CAUDAL 10°

X-ray of a normal-sized adult heart model on the AutoPulse NXT Resuscitation System

Improved blood flow

AutoPulse NXT uses circumferential compressions to squeeze the entire thoracic cavity and automatically adjusts to deliver custom compressions.

Studies have demonstrated improved blood flow with circumferential compressions compared to manual CPR alone, and a meta-analysis of multiple clinical trials shows that AutoPulse increases ROSC rates by 62% when compared to manual CPR.^{1,2,3}

Additionally, when compared to combination and piston-driven mechanical CPR devices, the AutoPulse was associated with significantly reduced risk of 30-day mortality.⁴

ZOLL®

Continuity of care

EMS can transport cardiac patients directly to the cath lab, minimising time to lifesaving treatment.

Providing high-quality CPR through the duration of an event is critical. From the scene of cardiac arrest to advanced treatment, AutoPulse NXT delivers uninterrupted compressions, enabling providers to focus on additional treatment interventions.

AutoPulse NXT also helps overcome the physical and environmental challenges providers may experience from prolonged CPR.

Customised compressions

The AutoPulse NXT Band automatically sizes the patient before beginning compressions and fits a wide range of patients, including those with a chest circumference of 76 – 142 centimetres (30 – 56 inches) and a weight of up to 181 kg (400 lbs).

Consistency and confidence

Clinicians can quickly deploy the platform when a resuscitation event occurs, or a patient at high risk of cardiac arrest can be pre-emptively put on the platform.

With AutoPulse NXT, you can be confident that your patient receives uninterrupted and consistent chest compressions for the entirety of a resuscitation event.

See the difference AutoPulse NXT can make in the cath lab by scheduling a demonstration.



EMS



EMERGENCY DEPT.



CATH LAB

For more information, visit [zoll.com](https://www.zoll.com) or contact your local representative.

¹Westfall M, et al. *Crit Care Med*. 2013 Jul;41(7):1782–9.

²Ong ME, et al. *JAMA*. 2006;295:2629–2637.

³Casner M, et al. *Prehosp Emerg Care*. 2005;9:61–67.

⁴Primi R, et al. *J Clin Med* 2023;12(13):4429.