

# LIFEPAK CR<sup>®</sup> Plus DEFIBRILLATOR

## Time to First Shock: The LIFEPAK CR Plus AED Advantage

Designed to reduce delays in treatment

Fully automatic AEDs help a rescuer deliver lifesaving therapy safely and quickly. But that is only part of the story. An AED must provide you with the easiest options for turning the device on, correctly placing the electrodes and delivering a shock. The LIFEPAK CR Plus AED is designed to make these three crucial steps quick and easy for all rescuers.

**1. Easy to turn on**

The simple white arrow is designed to point users to the “ON” button, directing the rescuer to focus and push the button, automatically opening the lid and powering up the device.

**2. Easy to find and place electrodes**

After powering the device on, the user is quickly prompted to pull the red handle away from the device which opens the electrode pouch.

**3. Easy to deliver a shock**

Fully automatic AEDs have been shown to be safer than semi-automatic when used in the presence of bystanders.<sup>1</sup> A fully automatic AED helps rescuers to commit fewer errors than a semi-automatic AED<sup>2</sup> while eliminating the stressful step of physically pushing the shock button.

### Time to Shock: LIFEPAK CR Plus AED vs. ZOLL<sup>®</sup> AED Plus<sup>3</sup>

The *CR Plus* is designed to provide you with the easiest options for turning the device on, correctly placing electrodes and delivering a shock. In the study summarized below, only 50% of rescuers using the ZOLL AED Plus were successful at placing the electrodes, one of the crucial steps that *CR Plus* users were 100% successful in completing.

	Time		Successful Completion	
	LIFEPAK CR Plus AED	ZOLL AED Plus	LIFEPAK CR Plus AED	ZOLL AED Plus
Device On	~20 sec	>50 sec	Data not available	Data not available
Place Electrodes	~70 sec	>200 sec	100%	50%
Shock (Semi-automatic)	93 sec	210 sec	100%	44%

Saving two minutes in time to first shock could mean up to 20% increase in chance of survival.<sup>4</sup>



## References

- 1 Hosmans T, Maquoia I, Vogels C, et al. Manikin and simulation study: Safety of fully automatic external defibrillation by untrained lay rescuers in the presence of a bystander. *Resuscitation*. 2008;77:216-219.
- 2 Monsieurs KG, Vogels C, Bossaert LL, et al. A study comparing the usability of fully automatic versus semi-automatic defibrillation by untrained nursing students. *Resuscitation*. 2005;64:41-47.
- 3 Andre A, Jorgenson B, Froman J, et al. Automated External Defibrillator Use By Untrained Bystanders. *Prehospital Emergency Care*. 2004;8:284-291.
- 4 Cummins RO. 1989. From concept to standard-of-care? Review of the clinical experience with automated external defibrillators. *Annals of Emergency Medicine*. 18:1269-75.

**LIFEPAK AEDs require a prescription in the U.S. Please consult your physician.**

**AED users should be trained in CPR and in the use of the AED.**

For further information, please contact Physio-Control at 800.442.1142 (U.S.), 800.895.5896 (Canada) or visit our website at [www.physio-control.com](http://www.physio-control.com).



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