

# **LIFE SAVING TECHNOLOGIES**

## **Automated External Defibrillators**

### **(AEDs)**



**N E W   F O R   2 0 2 4**

# Our catalogue and brands

The 5 best-selling brands of defibrillators



**PHILIPS**



**ZOLL**



**PHYSIO CONTROL** **stryker**



**CARDIAC science**



**stryker** **PHYSIO CONTROL**  
**HeartSine**



# WHAT'S A DEFIBRILLATOR (AED)?

An Automated External Defibrillator (AED) is a medical device that helps resuscitate victims of cardiac arrest. Accompanied by cardiac massage, the defibrillator helps to significantly increase the chances of survival.

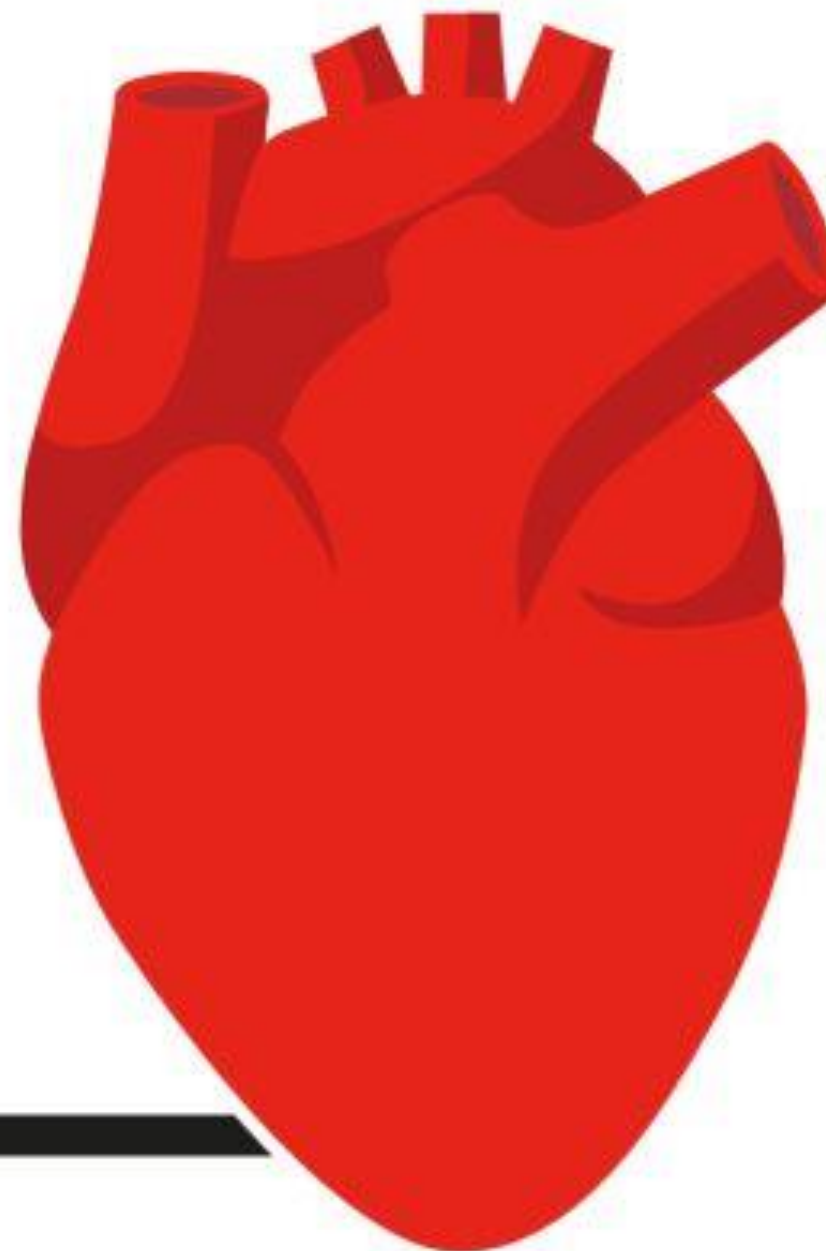


## Cardiac Arrest vs. Heart Attack

### CARDIAC ARREST

is an  
**ELECTRICAL  
PROBLEM**

Cardiac arrest occurs when the heart stops beating suddenly and unexpectedly. The person has collapsed, is unresponsive, has no pulse and is making gasping sounds or is not breathing. Without intervention, brain cells can start to die within minutes.



### HEART ATTACK

is a  
**PLUMBING  
PROBLEM**

Heart attack occurs when blood flow to part of the heart gets blocked. The person is usually conscious, has a pulse, and is short of breath but their heart is still beating. If blood flow isn't restored quickly, that part of the heart begins to die.



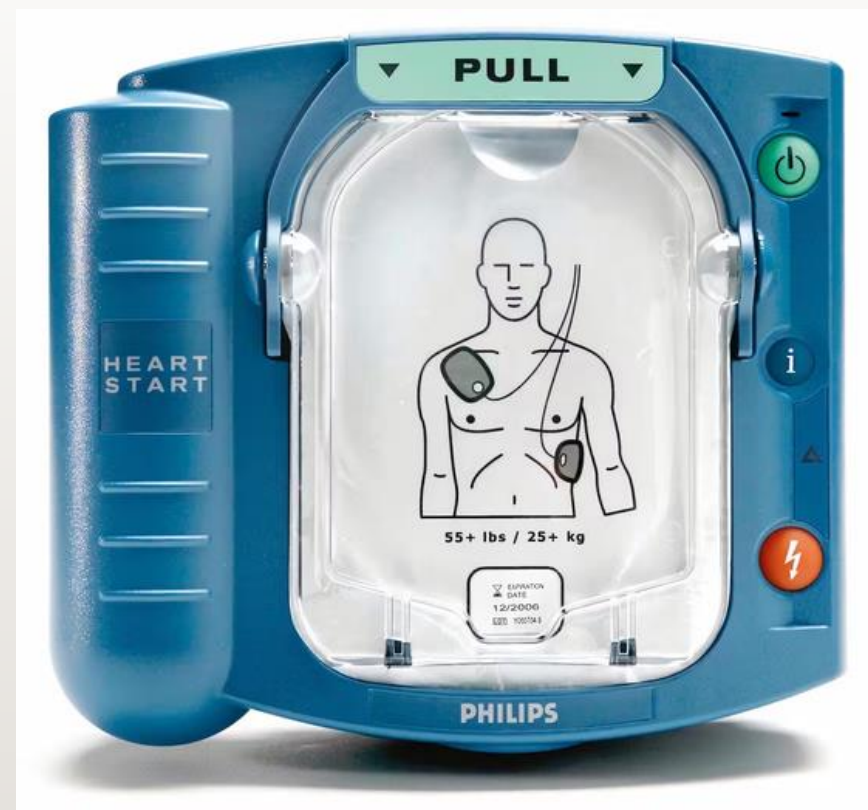
# DIFFERENCE BETWEEN AN AUTOMATIC & SEMI-AUTOMATIC AED

For the automatic defibrillator, the rescuer turns on the device, places the electrodes on the victim and the machine takes care of the rest, delivering the shock if necessary without intervention by the rescuer. Regarding the semi-automatic defibrillator, the device specifies whether shock is indicated or not.





PHILIPS ONSITE



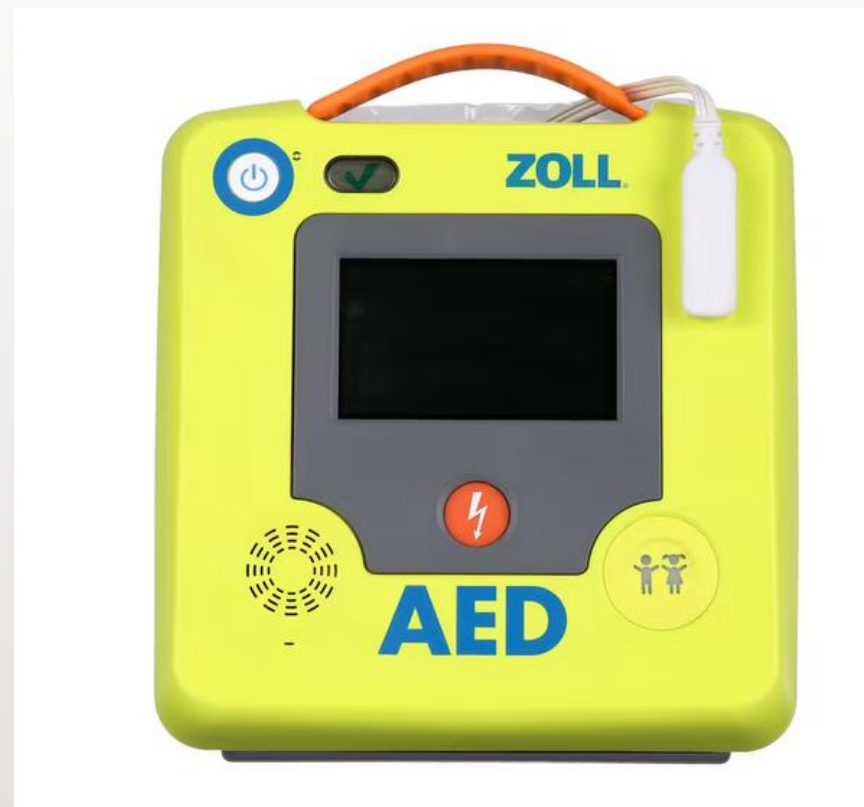
PHILIPS FRX





# ZOLL®

ZOLL AED 3



ZOLL AED PLUS





CARDIAC SCIENCE G3



*\*DISCONTINUED\**




CARDIAC SCIENCE G5





ZOLL®

## ZOLL DEVICES COMPARATIVE TABLE

			
SMART	ZOLL AED PLUS®	POWERHEART® G5	ZOLL AED 3®
Real-time, guideline compliant CPR Feedback	Real CPR Help®	Intellisense® CPR (ICPR)	Enhanced Real CPR Help®
Voice & text prompts	✓	✓	✓
Compression rate & depth	✓	✓	✓
Cycle timer			✓
Rescue images/graphics	Graphic icons		Full-colour images
Pediatric rescue	<ul style="list-style-type: none"> <li>• Child specific analysis and therapy algorithm</li> <li>• Separate pediatric pads</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced energy when pediatric pads are connected</li> <li>• Separate pediatric pads</li> </ul>	<ul style="list-style-type: none"> <li>• Child specific analysis &amp; therapy algorithm</li> <li>• Universal CPR-Uni-Padz® for adults and pediatric patients</li> </ul>
Pre-shock pause	13 seconds	10 seconds	5 seconds
Touch screen display			✓
Dual language		✓	
READY	ZOLL AED PLUS®	POWERHEART® G5	ZOLL AED 3®
Adult electrodes	CPR-D Padz® – 5 years	Intellisense® Pads – 2 years	CPR-Uni-Padz® – 5 years
Device readiness	✓ (Weekly)	✓ (Daily)	✓ (Weekly)
Readiness indicator	✓	✓	✓
Self test	Weekly	Daily	Weekly
WiFi enabled			✓
Connectivity & event download	IrDA	USB	WiFi & USB
Clinical export			✓
Smart battery		✓	✓
Durability	<ul style="list-style-type: none"> <li>• IP55</li> <li>• Mill spec shock/vibration</li> </ul>	<ul style="list-style-type: none"> <li>• IP55</li> <li>• Mill spec shock/vibration 1 metre drop test</li> </ul>	<ul style="list-style-type: none"> <li>• IP55</li> <li>• Mill spec shock/vibration 1 metre drop test</li> </ul>



# stryker

## LIFEPAK<sup>®</sup>

**PHYSIO  
CONTROL**

LIFEPAK CR PLUS & EXPRESS



LIFEPAK CR2





**stryker**

**PHYSIO  
CONTROL**



HeartSine®

SAMARITAN 350P



SAMARITAN 360P



SAMARITAN 500P





# HOW TO USE A DEFIBRILLATOR ?

Starting the AED



Placement of THE electrodes



Heart rate analysis

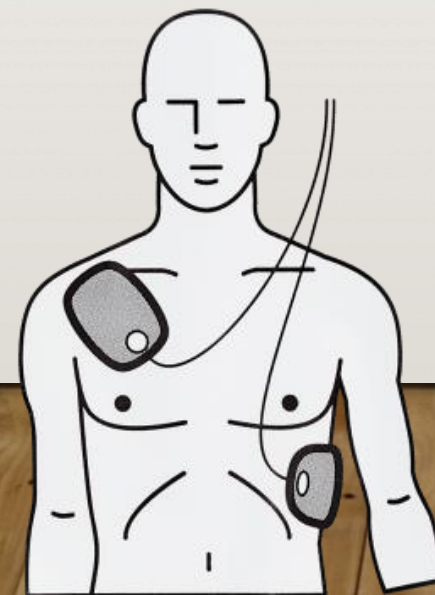


Administration of an electric shock and steps to take

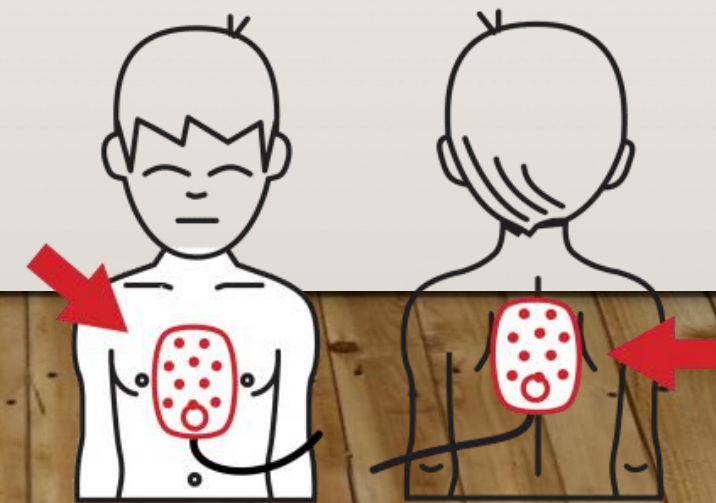


## How to place the electrodes ?

Here is where to place the electrodes on adults (and children aged 8 and/or weighing more than 25 kg).





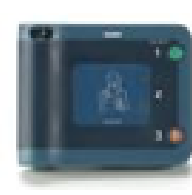





Here is where to place the electrodes on children aged 1 to 8 years (and/or weighing less than 25 kg).












## Comparison - Defibrillator

								
	Zoll AED3	Zoll AED Plus	Cardiac Science Powerheart G5	Philips HeartStart OnSite	Philips HeartStart FRx	HeartSine Samaritan 350P & 360P	HeartSine Samaritan 500P	Stryker CR2
Automatic / Semi	Automatic / Semi	Automatic / Semi	Automatic / Semi	Semi-Automatic	Semi-Automatic	Automatic / Semi	Semi-Automatic	Automatic / Semi
Bilingual	No	No	Yes	No	No	No	No	Yes
Included pads	Universal (child & adults)	Adult	Adult	Adult	Adult	Adult	Adult	Universal (child & adults)
Warranty	8 years (with inscription)	7 years (with inscription)	8 years (with inscription)	8 years	8 years	8 years	8 years	8 years
IP	55	55	55	21	55	56	56	55
Metronome	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CPR feedback	Yes	Yes	Yes	No	No	No	Yes	No
Joules	200	200	354	150	150	200	200	360
MAP	2 144,00 \$	1 993,00 \$	2 064,00 \$	1 849,00 \$	2 195,00 \$	1 888,00 \$	2 331,00 \$	Between 2514\$ and 2646\$

# \*Adults only\*



## Comparison of consumables








								
Year	Zoll AED3	Zoll AED Plus	Cardiac Science Powerheart G5	Philips HeartStart OnSite	Philips HeartStart FRx	HeartSine Samaritan 350 & 360	HeartSine Samaritan 500P	Stryker CR2
1	-	-	-	-	-	-	-	-
2	-	-	Adult pads: 105\$	Adult pads: 97\$	Adult pads: 114\$	-	-	-
3	-	-	-	-	-	-	-	-
4	-	-	Adult pads: 105\$ Battery: 493\$	Adult pads: 97\$ Battery: 184\$	Adult pads: 114\$ Battery: 184\$	Adult cartridge : 247\$	Adult cartridge : 247\$	Universal pads: 152\$ Battery: 343\$
5	Universal pads: 261\$ Battery : 238\$	Adult pads: 231\$ Battery: 110\$						
6			Adult pads: 105\$	Adult pads: 97\$	Adult pads: 114\$	-	-	-
Total Cost (6 years)	499,00 \$	341 \$	808 \$	475 \$	526 \$	247 \$	247 \$	495 \$
7	-	-				-	-	-
8	-	-	Adult pads: 105\$ Battery: 493\$	Adult pads: 97\$ Battery: 184\$	Adult pads: 114\$ Battery: 184\$	Adult cartridge : 247\$	Adult cartridge : 247\$	Universal pads: 152\$ Battery: 343\$
9	-	-						
10	Universal pads: 261\$ Battery : 238\$	Adult pads: 231\$ Battery: 110\$	Adult pads: 105\$	Adult pads: 97\$	Adult pads: 114\$	-	-	-
11						-	-	-
12	-	-	-	-	-	-	-	-
Total Cost (12 years)	998,00 \$	682 \$	1 511 \$	853 \$	938 \$	494 \$	494 \$	990 \$



## \*For pediatric and adults\*



### Comparison of consumables

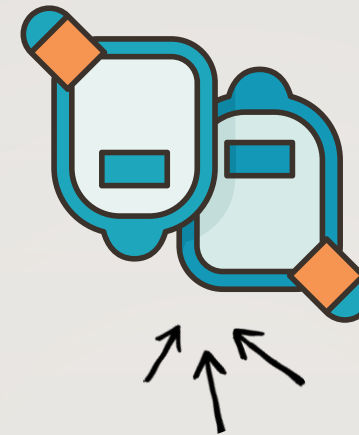
							
Year	Zoll AED3	Zoll AED Plus	Cardiac Science Powerheart G5	Philips HeartStart OnSite	Philips HeartStart FRx	HeartSine Samaritan 350P, 360P & 500P	Stryker CR2
1	-	Child pads: 145\$	Child pads: 144\$	Child pads: 140\$	Pediatric key: 118\$	-	-
2	-	-	-	-	-	-	-
3	-	Child pads: 145\$	Adult pads: 105\$ Child pads: 144\$	Adult pads: 97\$ Child pads: 140\$	Adult pads: 114\$	-	-
4	-	-	-	-	-	-	-
5	-	Child pads: 145\$	Adult pads: 105\$ Child pads: 144\$ Battery: 493\$	Adult pads: 97\$ Child pads: 140\$ Battery: 184\$	Adult pads: 114\$ Battery: 184\$	Adult cartridge: 247\$ Kids cartridge: 270\$	Universal pads: 152\$ Battery: 343\$
6	Universal pads: 261\$ Battery : 238\$	Adult pads: 231\$ Batteries: 110\$	-	-	-	-	-
Total Cost (6 years)	499 \$	776 \$	1 135 \$	798 \$	590 \$	517 \$	495 \$
7	-	Child pads: 145\$	Adult pads: 105\$ Child pads: 144\$	Adult pads: 97\$ Child pads: 140\$	Adult pads: 114\$	-	-
8	-	-	-	-	-	-	-
9	-	Child pads: 145\$	Adult pads: 105\$ Child pads: 144\$ Battery: 493\$	Adult pads: 97\$ Child pads: 140\$ Battery: 184\$	Adult pads: 114\$ Battery: 184\$	Adult cartridge: 247\$ Kids cartridge: 270\$	Universal pads: 152\$ Battery: 343\$
10	-	-	-	-	-	-	-
11	Universal pads: 261\$ Battery : 238\$	Adult pads: 231\$ Child pads: 145\$ Batteries: 110\$	Adult pads: 105\$ Child pads: 144\$	Adult pads: 97\$ Child pads: 140\$	Adult pads: 114\$	-	-
12	-	-	-	-	-	-	-
Total Cost (12 years)	998 \$	1 552 \$	2 375 \$	1 693 \$	1 116 \$	1 034 \$	990 \$

# We also sell ...

CPR MANIKINS



AED PADS



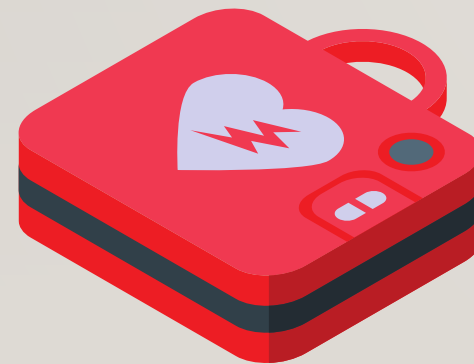
AED BATTERIES



FIRST AID KITS  
AND RELATED  
PRODUCTS



AED TRAINERS



CPR TRAINING



... and so much more !





# Thank you !

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