

# Heart **READY** City



**OH&S Safety Consulting & Training Solutions**

[www.ohandscanada.ca](http://www.ohandscanada.ca)

778-471-6407

# AED

**SALES & TRAINING**

# Information

**FOR HOME, SPORTS, VEHICLE, OFFICE or ANYWHERE.**

An **automated external defibrillator (AED)** is a portable electronic device that automatically diagnoses the life- threatening cardiac arrhythmias of ventricular fibrillation and ventricular tachycardia in a patient,<sup>[1]</sup> and is able to treat them through defibrillation, the application of electrical therapy which stops the arrhythmia, allowing the heart to reestablish an effective rhythm



# AED/CPR FACT SHEET

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- Cardiac arrest claims about 330,000 lives each year – or **900 per day** - nationwide.
- Of approximately 10,000 people suffering a cardiac arrest each year and **95 percent of them die before reaching the hospital**.
- If every community could achieve a 20 percent sudden cardiac arrest survival rate, between 45,000 and **50,000 people would be saved each year**.
- For every minute a cardiac arrest victim is not defibrillated, his or her chances of **survival declines 7-10**.
- About **80 percent of all sudden cardiac arrests happen at home**, so being trained to perform cardiopulmonary resuscitation (CPR) can mean the difference between life and death for a loved one.
- Cardiac arrest is caused by a life-threatening abnormal heart rhythm that can result from heart attack, respiratory arrest, electrocution, drowning, choking or trauma, or **it can have no known cause**.
- When cardiac arrest occurs, the victim collapses and loses consciousness, **stops normal breathing** and loses blood pressure.
- **Brain death starts to occur in just four to six minutes** after someone experiences sudden cardiac arrest.
- If defibrillation can be performed within **the first 1-3 minutes, there is a 70-80 % chance of survival**.
- The use of effective **bystander CPR nearly doubles a victim's chance for** surviving sudden cardiac arrest.
- **CPR is not a substitute for defibrillation**. CPR helps maintain vital blood flow to the heart and brain until defibrillation can be administered.
- Although automated external defibrillators (AEDs) were invented in the 1980s, technological advances have led to the development of more **compact, portable versions**.
- AEDs are safe for trained lay rescuers to treat sudden cardiac arrest because the devices automatically analyze the heart rhythm and **only allow an electric shock when necessary**.

**AEDs are easy to use, compact, battery-operated, lightweight and durable.**

➤ Information Provided by the American Heart Association – *Learn and Live*



# WE WILL CUSTOMIZE YOUR AED PROGRAM

THESE ARE SOME OF OUR SERVICES PROVIDED WITH YOUR AED PURCHASE

**I. PURPOSE II.**

**TRAINING III.**

**PROTOCOL**

**IV. EMERGENCY MEDICAL RESPONSE PLAN ACTIVATION**

**V. TYPE OF MEDICAL EMERGENCY**

**VI. INDICATIONS FOR AED USE**

**VII. PROCEDURE**

**VIII. POST INCIDENT PROCEDURE**

**IX. PHYSICIAN OVERSIGHT**

**X. AED USE REPORTING:**

**XI. BASIC MAINTENANCE**

**TRY INTERACTIVE DEMO HERE:**

[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/Demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/Demo/index.wpd)



[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1\\_onsite\\_demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1_onsite_demo/index.wpd)

## Product Description

### HeartStart Onsite Defibrillator – OPT R01 (With infant/child pads)

**\$2,038.00**

M5066A – OPT. R01

Onsite AED (HS1) (Incl 1 battery, 2 adult SMART Pads, Carrying Case)

M5070A – Spare Battery

FRK (Fast Response Kit)

M5066-89100 – DVD

\* With Infant/Child Pads (M5072A)

## Additional Information

**Weight**      *2.8 kg*

**Dimensions**      *31 x 31 x 31 cm*

## Related Products



### Flat Wall Sign

**\$35.00**



[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1\\_onsite\\_demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1_onsite_demo/index.wpd)

## Product Description

# HeartStart Onsite Defibrillator – OPT RO1

**\$1,938.00**

M5066A – OPT. R01

Onsite AED (HS1) (Incl 1 battery, 2 adult SMART Pads, Carrying Case)

M5070A – Spare Battery

FRK (Fast Response Kit)

M5066-89100 – DVD

## Additional Information

**Weight**      *2.7 kg*

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**Dimensions**      *31 x 24 x 17 cm*

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## Related Products



## FRx Standard Carrying Case

**\$155.00**



[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1\\_onsite\\_demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1_onsite_demo/index.wpd)

## Product Description

# HeartStart Onsite Defibrillator – OPT CO1 (With infant/child pads)

\$1,996.00

M5066A – OPT. C01

Onsite AED (HS1) (Incl 1 battery, 1 adult SMART Pad, Carrying Case)

M5071A -Adult SMART Pad Cartridge

FRK-G (Fast Response Kit)

M5066-89100 – DVD

\* With Infant/Child Pads (M5072A)

## Additional Information

**Weight** 2.7 kg

**Dimensions** 31 x 24 x 17 cm

## Related Products



## Wallmount Bracket (White Metal-adjustable)

\$88.00



[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1\\_onsite\\_demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1_onsite_demo/index.wpd)

## Product Description

### HeartStart Onsite Defibrillator – OPT CO1

**\$1,896.00**

M5066A – OPT. C01

Onsite AED (HS1) (Incl 1 battery, 1 adult SMART Pad, Carrying Case)

M5071A -Adult SMART Pad Cartridge

FRK-G (Fast Response Kit)

M5066-89100 – DVD

## Additional Information

**Weight**      *2.4 kg*

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**Dimensions**      *31 x 24 x 17 cm*

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## Related Products



### Battery Long Life

**\$164.00**



[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/Demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/Demo/index.wpd)

## Product Description

# Hearstart FRX Defibrillator Package – With Pediatric Key

**\$2,533.00**

Rugged AED – perfect mobile sites.

861304 – OPT. R01

FRX AED (Incl 1 battery, 2 adult SMART Pads II, Carrying Case)

M5070A – Spare Battery

FRK (Fast Response Kit)

98980313 9341 – DVD

\* With Paediatric Key (989803139311)

## Additional Information

**Weight**      *4.2 kg*

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**Dimensions**      *31 x 31 x 31 cm*

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## Related Products



### Alarmed AED Cabinet/AED Wall Sign Bundle

**\$329.00**





[http://www.healthcare.philips.com/pwc\\_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/Demo/index.wpd](http://www.healthcare.philips.com/pwc_hc/main/shared/Assets/multimedia/flash/resuscitation/AED/Demo/index.wpd)

## Product Description

# Heartstart FRX Defibrillator Package

**\$2,428.00**

Rugged AED – Perfect for busy office or mobile office.

861304 – OPT. R01

FRX AED (Incl 1 battery, 2 adult SMART Pads II, Carrying Case)

M5070A – Spare Battery

FRK (Fast Response Kit)

98980313 9341 – DVD

## Additional Information

**Weight**      *3.8 kg*

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**Dimensions**      *31 x 24 x 17 cm*

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## Related Products



### Wall Mount (Metal)

**\$98.00**



[http://www.healthcare.philips.com/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1\\_Demo\\_home/index.html](http://www.healthcare.philips.com/main/shared/Assets/multimedia/flash/resuscitation/AED/HS1_Demo_home/index.html)

## Product Description

# HeartStart In-Home Defibrillator

**\$1,570.00**

M5068A – In-Home AED (Incl 1 battery, 2 adult SMART Pads, Carrying Case)

M5066-89100 – DVD

## Additional Information

**Weight**      *2.5 kg*

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**Dimensions**      *31 x 31 x 31 cm*

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## Related Products



### Wallmount Bracket (Acrylic) & Sign Bundle (LSP)

**\$122.00**

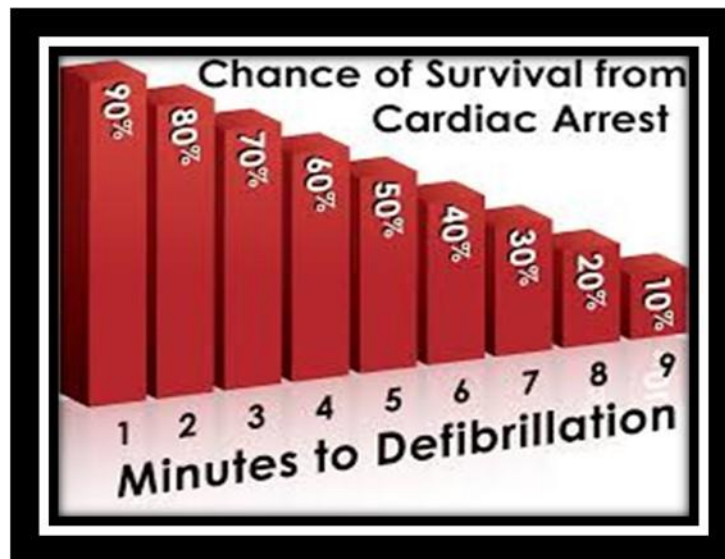


# The Heart Ready Vision

## To Save Lives

OH&S Safety Consulting & Training Solutions Ltd. exists for the purpose of training people to save lives.

With an estimated 70,000 Heart Attacks each year in Canada alone every year, that is one heart attack every 7 minutes. The challenge is urgent and Automated External Defibrillators (AED) technology provides a much higher survival rate. The problem? Many locations are not equipped with AEDs and people are not trained to use them. By offering easy and accessible products and training, OH&S Safety Consulting & Training Solutions Ltd. holds to its mission by seeing people more equipped to save lives in the 21st century.



OH&S Safety Consulting & Training Solutions Ltd.,

Offers First Aid, CPR/AED training, at clients' locations or ours. As a Philips AED Representative, we are proud to be placing one of the world's best defibrillators into our communities.

Regular First Aid, CPR/AED Training saves lives!

Philips AED's are one of the safest, most user friendly AED's available and require no regular maintenance.

With our "quick-shock" feature, these AED's have the fastest CPR-to-shock sequence in the world offering

**BEST POSSIBLE PATIENT SURVIVAL AND RECOVERY.**

**PLEASE** talk to us about **your** heart smart City, Community, Street, Hotel, Facility, Business or Home.

# Family lobbying for CPR and AED education and access

*Story by Kerri Robins; Photos courtesy Delori Bieleski and the Ruether family*

It's May 22, 2012 and the Grade 10 boys at St. Thomas More School in Fairview are gearing up for their first practice of another volleyball season.



Brock Ruether in his truck

Just minutes into the practice, 16-year-old Brock Ruether collapses on the volleyball court.

Recounting the events that day, Brock's mother Kim Ruether says, "So much of it has been surreal.

"Nothing is as heart-wrenching as standing at the foot of the bed in the hospital watching Brock's dad rub his foot as the stretcher heaved and shook with the force of the CPR compressions on Brock's chest."

Things happened at lightning speed on the volleyball court – Brock was turning blue and the situation escalated from serious to critical in seconds.

"It was all good until he dropped," says Mitchell Luck, Brock's childhood friend with him at practice that day. "It stunned me. I mean, that was it; suddenly we were waiting for an ambulance, someone was doing CPR on Brock – it was very quiet in the gym."

Brock had suffered a fatal sudden cardiac arrest.

According to the Heart and Stroke Foundation in Canada, a cardiac arrest occurs every 12 minutes where less than five per cent of victims outside of a hospital will live to tell about it.

However, survival from cardiac arrest increases by up to 75 per cent if CPR (cardiopulmonary resuscitation) is used in combination with an automated external defibrillator (AED) as soon as possible after the attack.

The town certainly felt the loss of one of its own that day.

"Brock's death was a shock to the entire community," says Gordon Macleod, Mayor of Fairview.

"Measures must be taken to ensure lives are saved through education and access to automated external defibrillators."

The Regional EMS Foundation, based in Grande Prairie, recognizes the importance of rural access to and education of AEDs, and has made this its main fundraising goal for the past 13 years – raising approximately \$500,000 to date.

Laura LaValley, Executive Director of the foundation, unit chief for the medical coresponse team at Bezanson Fire Station, and a trained CPR instructor, is passionate about access to AEDs.

"CPR is a life skill people should take time to learn. AEDs go hand-in-hand with early CPR and the beauty is you don't need medical training to use one or feel like you'll 'hurt' the patient," says LaValley.

If you don't know what CPR or an AED is, you should: you may have to use them one day. CPR is performed using both hands to rhythmically apply downward, quick chest compressions on a patient. AEDs are portable automated devices that issue voice commands while reading the patient's heart rhythms and delivering a shock when necessary.

In the year since Brock's death, Ruether has vigorously advocated for an awareness campaign – lovingly named Project Brock – that would encourage high schools to train students how to use AEDs.

“People shouldn't be afraid of using them – AED's don't save lives; people using them do,” says Ruether.

John Hein, Provincial Public Access to Defibrillation Program Co-ordinator, AHS Emergency Medical Services, agrees.

“Our goal is to support Albertans and encourage communities to place an AED in public areas, like schools, or recreation and shopping centres,” says Hein.

It's shattering to lose a child. The photo on the Ruethers' fridge of the crew trying to save Brock's life is a constant reminder.

“They worked hard fighting to save Brock and, while that nightmare won't go away, we'll cherish their commitment forever,” says Brock's dad, Wayne Ruether.

Time is the only healer, and while it passes one day to the next for the Ruether family, another 12 minutes goes by where an AED might save a life.

“What's really hard, besides how much we miss him, is how this may have been prevented if we had more education on AEDs and CPR,” says Kim Ruether.

**For information**

**or to purchase an AED Package**

**CONTACT:**

**OH&S Safety**

**Consulting & Training Solutions Ltd.**

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