



# INFORMATION REPORT

<b>TO:</b> Chair and Members Emergency & Community Services Committee	<b>WARD(S) AFFECTED:</b> CITY WIDE
<b>COMMITTEE DATE:</b> March 25, 2013	
<b>SUBJECT/REPORT NO:</b> Update on CPR Training and Bystander CPR in Hamilton (CS13013) (City Wide) (Outstanding Business List Item)	
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<b>SIGNATURE:</b>	

## Council Direction:

The Emergency & Community Services Committee at its meeting of January 18, 2012 approved the following:

“That staff be directed to report to the Emergency & Community Services Committee no less than once annually with respect to training members of the community to perform cardiopulmonary resuscitation techniques as well as the frequency of bystander cardiopulmonary resuscitation (CPR) in the setting of witnessed sudden cardiac arrest in the community.”

## Information:

During 2012, the Hamilton Paramedic Service continued to make progress in promoting staff and public awareness in Bystander CPR and Public Access Defibrillation.

## Ontario Defibrillator Access Initiative

As endorsed by Emergency & Community Services Committee (Report HES12004 Ontario Defibrillator Access Initiative (ODAI), February 13, 2012), the Hamilton Paramedic Service has been actively involved in the provincially sponsored Ontario

Defibrillator Access Initiative (ODAI). The initiative, coordinated by the Heart & Stroke Foundation of Ontario, has given the Hamilton Paramedic Service the opportunity to place 80 new Automated External Defibrillators (AEDs) in sites across the City of Hamilton.

In conjunction with the placement of these 80 AEDs, the Hamilton Paramedic Service has trained nearly 1,200 citizens at sites across the City in cardiopulmonary resuscitation (CPR) and AED use.

### **Mass CPR Training Events**

During 2012, Mass CPR training events were held at various locations across the City wherein citizens had the opportunity to take part in free CPR training as part of a large group. These events, including those held in Flamborough, Waterdown, and Cathedral Secondary School, resulted in 434 citizens receiving lifesaving CPR education.

### **AED Use and Bystander CPR**

During 2012, AEDs were used on cardiac arrest patients in Hamilton on a total of four (4) occasions. In each of these events bystanders reacted quickly and performed effective CPR while the AED was applied. All four (4) events resulted in the AED delivering a shock which resulted in a return of spontaneous circulation (ROSC). Three (3) of these patients subsequently recovered and were discharged from hospital. These events highlight the importance of a continued focus on placement of AEDs in Hamilton and training of the public to perform lifesaving CPR.

In 2013, the Hamilton Paramedic Service will be including in its work plan a continued focus on public CPR training events and AED placement. The Heart and Stroke Foundation of Ontario has recently advised that they expect further grant opportunities to be made available under the Ontario Defibrillator Access Initiative. Hamilton Paramedic Service will actively pursue this opportunity to place additional AEDs across the City.