

Public Access Defibrillator Program (PAD)



Community Services Committee
July 9, 2012



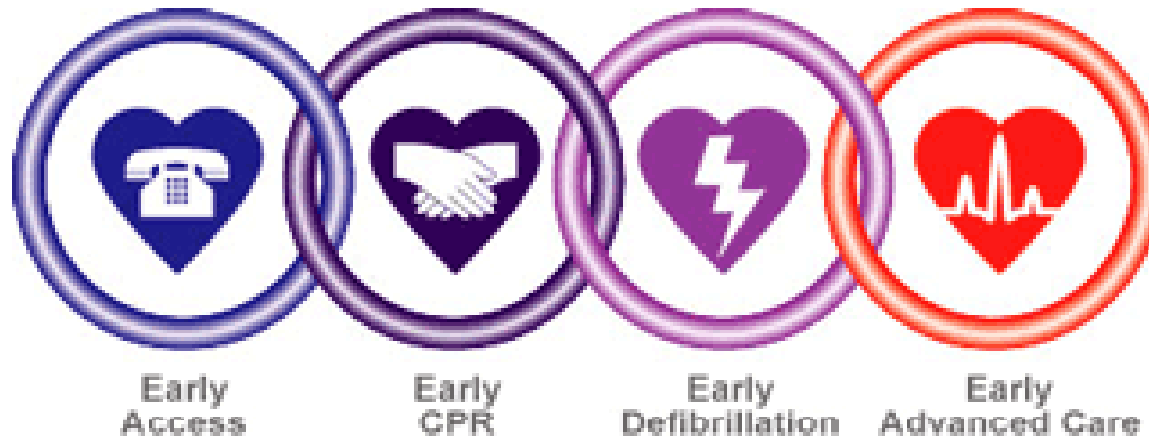
Sudden Cardiac Arrest (SCA)

- In Canada 35,000-40,000 people SCA each year
- In Ontario 6,500 each year
- 15-20% of cardiac arrests occur in public places



Sudden Cardiac Arrests

- **“Chain of Survival”**
 - Early Access (9-1-1)
 - Early CPR (improves chance of survival up to 4 times)
 - Early Defibrillation (PAD, Paramedics or Fire)
 - Early Advanced Care (Paramedics)



Automated External Defibrillators (AED)

- Safe and easy to use
- Provides audio/visual prompts and feedback on actions and effectiveness of CPR
- Identifies cardiac rhythms and delivers a shock



Public Access Defibrillator Program (PAD)

Heart & Stroke Foundation

- 2007 partners with host communities
- Funds initial purchase/training

Funding does not cover

- Re-training
- Unit maintenance
- Replacement of batteries and defibrillator pads
- Future AED replacement



Public Access Defibrillator Program (PAD)

Sudbury EMS co-ordinates:

- Funding submissions
- AED deployment
- CPR/AED Training
- Quality Assurance
- Hardware/firmware upgrades
- Batteries and defibrillator pads replacement
- Developing legal agreement for ongoing costs
 - AED replacement costs to host operating departments & organizations



PAD Locations



- City Facilities
- All Secondary Schools in Greater Sudbury
- Elementary Schools in 2012
- PAD locations are listed in Ambulance Dispatch system



PAD Training

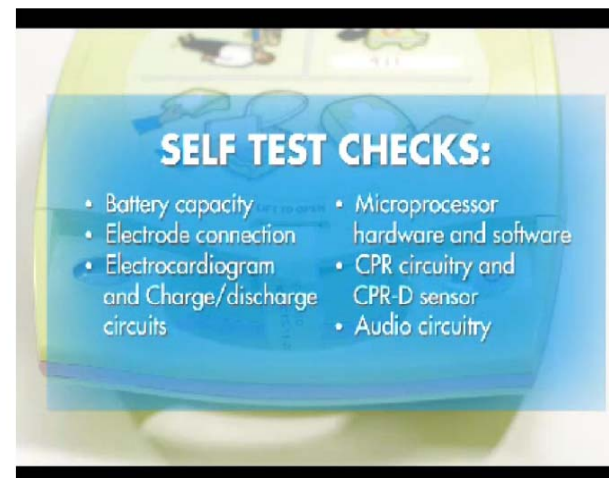
- Certified CPR/AED Instructor
- Initial training is 5 hours, covering:
 - CPR
 - Choking
 - AED
- EMS developed a refresher training video for training recommended annually



PAD Checks

AED internal self check every 7 days confirms:

- City units checked weekly by facility staff
- Monthly inspection reports submitted to EMS
- Equipment deficiencies or issues addressed by EMS



Program Success

CGS PAD program strengthens “Chain of Survival”

- CPR and defibrillation are essential to improve survival rate
- Heart and Stroke Foundation indicates **37 lives** saved in Ontario since 2006 with AEDs



Questions?

