



# **Defibrillators in the Community**

**Sunday 2<sup>nd</sup> October 2011**

**Joe Eden  
Community and Education Officer**

# Restart The Heart

- **Increased awareness of and understanding about Sudden Cardiac Arrest**
- **Increased awareness of, and confidence to use, Automated External Defibrillators (AEDs) as emergency life-saving equipment**
- **To facilitate the placement of AEDs in public places, outdoors with 24hr public access, for use by lay persons**
- **Improvements to AED locator mapping**



# Key Facts

- SCA no 1 killer in UK and the Western World
- Kills more people than lung cancer, breast cancer and Aids combined
- 100,000 cardiac deaths per year in UK, 250 people every day
- More than 80% could be saved
- 8 minutes to restart the heart
- Every 1 minute without resuscitation chances of survival decrease by 10%
- Less than 5% of victims of SCA survive out of hospital. Sudden Cardiac Arrest can **strike anyone, anywhere, at anytime without warning...**



# What is an AED?

**AUTOMATED EXTERNAL DEFIBRILLATOR**

- **A portable life-saving device that analyses the heart rhythm and administers an electric shock if needed, to establish a regular heartbeat in the event of a cardiac arrest**
- **The equipment supports the emergency services**
- **The device is failsafe and will not administer a shock unless a particular heart rhythm irregularity is detected**
- **Easy to learn to use, no complex training required ... 'The machine does it for you'**
  - **CPR alone 5% success rate**  
**CPR plus AED 50% success rate**



# How the model works

- AEDs are housed both indoors and outdoors in weather-proof cabinets outdoors at designated locations
- The bright green cabinets are clearly identifiable and are keypad locked for security
- In an emergency, '999' is called from the site, emergency services will hold the access code and advise if resuscitation is necessary
- Meanwhile first responder and / or paramedics are dispatched



# **Arrhythmia Alliance**

## **- Here to help you -**

- **Give presentations to local meetings**
- **Contribute to local awareness raising**
- **Provide posters, flyers and other material**
- **Guide you through the process of a placement**
- **Assist with co-ordination of activities**





# Schools



- Placing life saving equipment in communities
- Promoting awareness and education
- Increasing public confidence in the use of AEDs



*“An informative hands on experience that made students think and gave them information to make a difference in the future. A must for any school and an effective way to deliver a vital skill to all..very impressed and many thanks.”*

**Jamie Walker: Citizenship Coordinator  
Kingsbury School**





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