

COMMUNITY HEARTBEAT

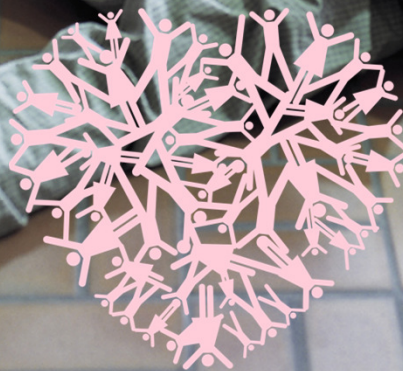
The Community HeartBeat Trust



YOU ONLY HAVE MINUTES TO SAVE A LIFE
Central Bedfordshire Conference April 14
Martin Fagan – National Secretary

Who are the Community HeartBeat Trust?

The Community HeartBeat Trust is a national charity focussed on the provision of life saving defibrillation equipment and community awareness programmes to local communities.



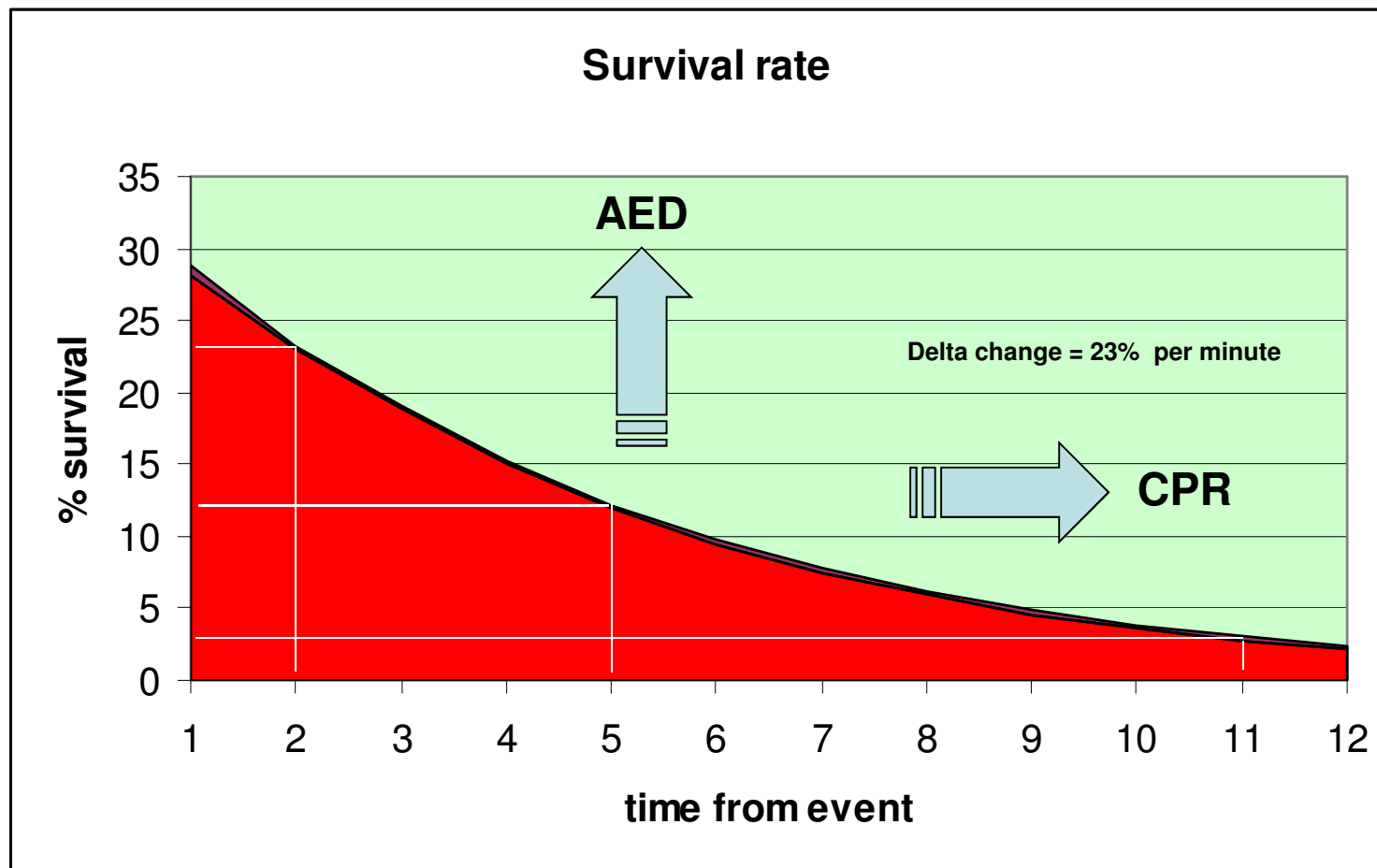


Fabrice Muamba



**SCA now very high
profile**

5 minutes only



De Maio et al. (OPALS) Ann Emerg Med 2003; 42: 242

Central Beds Conference April 2014

Why invest in cPAD

- Fast to the patient
- Better outcome for patient
- Supports Community First Responder schemes and other types of EMS help
 - Works alongside
 - Most rural cPAD schemes are installed jointly with CFR schemes
- Staffordshire
 - 43% RoSC in community
 - Cf. 5% nationally
 - 2500+ defibs



Types of location

- Village hall
- Pub
- Telephone kiosk
- Sports hall
- Restaurant
- Street side
- Council offices
- Toilet blocks
- Wall of house
- ...anywhere!



Village medical centre?



Ambulance service cPAD activation process

- Pa **“FOR CATEGORY A CALLS IN THIS VICINITY**
- Pu **EMD'S MUST ASK THE FOLLOWING -**
 - ***'IS THERE ANYBODY ELSE THERE WITH YOU?'***
- Ar **IF THERE IS SOMEBODY ELSE THEN GIVE**
- Ar **THE FOLLOWING INSTRUCTION:-**
 - ***'SEND SOMEBODY ELSE TO COLLECT A DEFIB (AED) FROM THE CABINET OUTSIDE STOW PHARMACY (ADDRESS: THE SQUARE, STOW ON THE WOLD, GL54 1BQ), IN CASE WE NEED IT LATER. THE ACCESS CODE IS CXXX'.***
- CR
- Ha



EMD'S
YOU?'
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PHARMACY (ADDRESS: THE SQUARE, STOW ON THE WOLD, GL54 1BQ), IN CASE WE NEED IT LATER. THE ACCESS CODE IS CXXX'. “

Case History

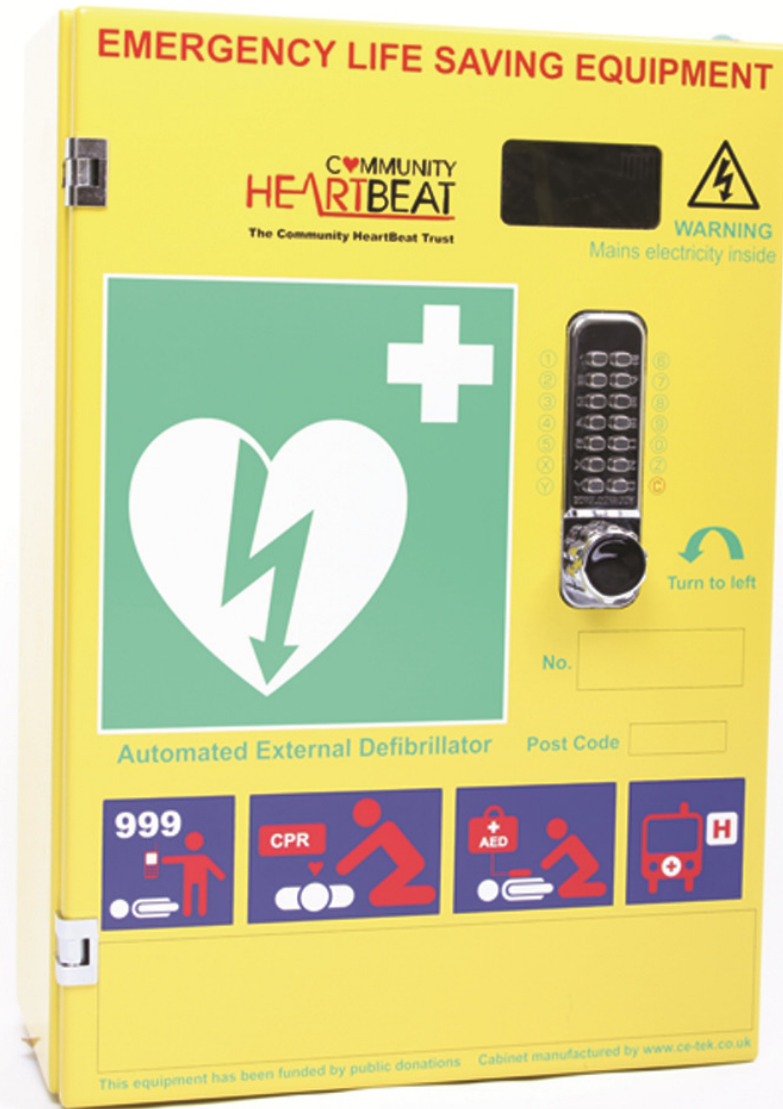
- June 24th 2013
- Philip
- Was playing golf on 16th fairway when he collapsed
- Partners carried out CPR
- Public access defib fetched from local garage
- Awake and talking when Air Ambulance arrived.



Equipment choice

- A community has to have the right to choose their equipment if they are paying
- However many will seek advice:
 - From ambulance service / CHT / SADS UK / BHF / others
 - Ambulance service may wish standardisation for better support
- Equipment choice should be on best and most suitable available for the need, not price.
 - Typical community project = £2000+++
- CHT will not supply equipment that is not approved of by the local ambulance managers, or does not meet robustness and performance trials
 - CHT could be held liable if equipment does not perform

Does it tick ALL the boxes?



- ✓ **Hi Visibility** to make it easy to see on dark nights or in a hurry. Should also have wall mounted AED signage. Meets visually impaired rules
- ✓ **AED logo meets ILCOR guidelines** (Green heart and stands out from the background)
- ✓ Safety symbols on **outside** of cabinet
- ✓ Stainless steel lock - **recessed**
- ✓ **ICONS not text** - meets SEN, Dyslexia, ESL, needs
- ✓ Chain of life (note © Laerdal)
- ✓ Placement to meet disability rules
- ✓ Mounting to meet HSE and PLI requirements (detailed instructions, appropriate guidance)
- ✓ Heating appropriate to meet safety and overheating (not some styles give heat warning! = safety issue? 'Cook' defibrillator?)
- ✓ Must be RCD connected/protected
- ✓ Reinforced mounting points away from edges of cabinet
- ✓ Pressure equalization valve
- ✓ **IP65 in end user configuration (certified)**
- ✓ All components serial numbered
- ✓ Manufactured by ISO9002 supplier with long trading history - Supplier contact details visible
- ✓ Long term support package?

Governance



- Right equipment supportable by the local ambulance service
- Right storage media meeting all liability and safety issues eg heated cabinets/vandal resistance/disability
- Data protection/Caldecott
- Registration of the location
- Regular checks and maintenance
- Audit trails – vicarious liability; duty of care; Coroner
- Activation and then recommissioning mechanisms
- Training and awareness for the community
- Community support – trauma counseling

Summary



- **cPAD schemes are here to stay**
- **Next generation of community care**
- **Must be done 'right'**
 - **in co-operation with the local ambulance service**
 - **Meeting all agendas – community, ambulance service, etc**
 - **Using the right equipment – cost is not the issue**
 - **Addressing the liability issues**
 - **Full service package – keep it easy for communities**
- **Proven to save lives – 43% RoSC Staffordshire**

COMMUNITY
HEARTBEAT

The Community HeartBeat Trust

✓ Do It
Right

Medtronic



YOU ONLY HAVE MINUTES TO SAVE A LIFE

www.communityheartbeat.org.uk

0845 86 CPR EZ