

## Item 27a DEFIBRILLATOR REPORT: EXISTING LOCATIONS, FUNDING & COSTS

### 1. Existing Defibrillator Locations in Todmorden

The map below shows the location of defibrillators in Todmorden. This data was gathered from Calderdale Council and from the Yorkshire Air Ambulance website.



Defibrillator Locations	Ward
Todmorden Sports Centre*	Stansfield
Todmorden High School	Stansfield
Todmorden Cricket Club	Stansfield
Tod College	Central
Todmorden Police Station*	Central
Todmorden Market*	Central
Todmorden Town Hall	Central
Bridge End Working Mens Club*	Langfield
Walsden CC*	Walsden
The Top Brink Inn*	Stoodley
21 Harvelin Park (Garden Wall)	Stoodley

\*indicates publicly accessible defibrillator locations

## **2. Funding for Defibrillators**

### **A. British Heart Foundation**

The BHF has currently suspended its part funding scheme for Community Publicly Accessible Defibrillators (cPADs) with no confirmed date as to when this will re-open.

When it does re-open the eligibility criteria for a part-funded cPAD from the BHF are:

- The defibrillator must be freely accessible to the public 24/7 and be placed externally in an unlocked and un-coded cabinet.
- The cabinet needs an electricity supply so that the defibrillator is at the right temperature in cold weather, to prevent the battery and pads from deteriorating.
- There must be a clear need for the device (e.g. a location with high footfall or in a rural area).
- There must be a commitment to train the local community in CPR using the Call Push Rescue training kit provided.
- There must be a clear need for funding in order to purchase a defibrillator (private businesses will not be eligible for the package).

The BHF offer:

- Includes either an iPad SP1 or the ZOLL AED Plus defibrillator unit
- Excludes cabinet
- Includes Call Push Rescue training kit. This contains equipment to train up to 10 people at a time in life saving CPR skills. Training is delivered by watching an educational film and sessions take around 30 minutes - there is no need for an external trainer to deliver the sessions.

### **B. Yorkshire Air Ambulance**

The Yorkshire Ambulance Service Charity has a grant-making programme to increase the number of Community Public Access Defibrillators (cPADs) across Yorkshire. Local community-based groups, who are raising funds for a cPADs can apply for these funds.

The community group must be willing to be wholly responsible for the fitting, upkeep and ongoing maintenance of the equipment along with running costs (estimated at £3 per quarter for electricity) and would also pay for any relevant training/familiarisation session provided by Yorkshire Ambulance Service.

Applications are prioritised based on:

- Location
- Health needs of the specific community
- Proximity to other defibrillators

The YAS funding offer has the following inclusions, exclusions and requirements:

- The community group must raise £999 towards the cost of the cPAD
- The £999 is donated to Yorkshire Ambulance Service Charity, who will then buy the cPAD including cabinet, with the Charity covering the rest of the cost.
- On delivery, the cPAD is gifted to the community group, and becomes their responsibility.
- The community group is expected to cover the cost of installation, and a small amount of ongoing maintenance.
- The community group must identify named guardians for the cPAD and include these in the application.

### ***C. AED Donate***

AED Donate is a charity that works with community groups, Parish Councils and Local Authorities to fund and install cPADs.

They offer an External Defibrillator Package which costs £1,999 and includes:

- A Defibrillator with 8 Year Warranty
- Carry Case
- Defibrillator Cabinet with 10 Year Structural Warranty
- A Rescue Kit
- Full Electrical Installation\* (on a hard wall surface and within 5 metres of mains electrical supply)
- Backing board thanking donors
- Free Access to an Education Hub and ongoing online training sessions
- Registration with your local Ambulance Trust
- Press Release to inform your local community
- 24/7 Help Desk Support
- PAD and Battery Reminder Service
- After Installation Care Pack

They offer £400 towards the cost of package so the total cost to comes down to £1,599.00 including VAT. (£1,332.50+VAT)

\*External defibrillator package includes electrical installation for the defibrillator cabinet unless otherwise specified. Only a standard electrical install is included. Standard electrical installation includes attaching the defibrillator cabinet to a solid structure and connecting the power supply within five meters of the defibrillator. Additional work is not included. The cost allocation for external defibrillators is £150 per unit. The buyer is responsible for any additional installation costs unless otherwise agreed by the charity in writing.

### 3. Typical Kit Costs and Maintenance Costs

Appendix 1 provides an overview of typical cPAD kit costs (Defibrillator unit, heated cabinet, pads, carry bag) from four suppliers recommended by the Yorkshire Ambulance Service.

In conversation with two suppliers, one offered an annual servicing package for £165.50/year which includes:

- A visual check to ensure that the unit has full functionality and there is no damage to the case, screen, buttons and connections.
- Battery and pad check for installation date and when replacements are due
- A check of the pad terminal to make sure it is functioning and clear of debris
- Confirmation that the pads attached are suitable to the model and in good condition
- A check to see if the defibrillator will administer a shock correctly - unit is connected to a simulator which produces a simulated heart wave.

The second supplier advised that annual servicing not necessarily a requirement. Defibrillators have good internal diagnostics and run regular self-tests. Very little can go wrong and when it does this can be observed via the light display on the defibrillator (Green all is good, Red requires action). Their advice was that the owner should appoint a Guardian to make regular visual checks (ideally weekly) externally to ensure that the cabinet is undamaged, internally to check that the defibrillator is not showing any warning lights. If red light is showing contact the supplier for free advice on what to do next. Any problems within warranty should be dealt with by the manufacturer although the supplier warned that manufacturers may withdraw warranty if third parties tamper with device within warranty period.

Running costs are not high. Installers spoken to give indicative running costs over a 10 year period of approx. £1,300 - £1,700 depending on the make and model of defibrillator installed.