

The Nympsfield Defibrillator

1. Accessing the defibrillator
2. Using the defibrillator in an emergency
3. Using the defibrillator on children (1-8yrs)
4. Defibrillator CPR advice
5. Maintenance

Accessing the defibrillator:

- The defibrillator itself (including the pad-pak) is housed within a soft-carry case, which is in turn housed within the large external AED cabinet.
- Currently, the cabinet is not locked (***this may change – if it does I will update***). To access the defibrillator twist the plastic green cover. A (relatively quiet) alarm will sound to indicate that the cover has been opened. The defibrillator can then be simply taken off the shelf.
- The defibrillator is portable and can be easily carried to the location required.

Using the defibrillator in an emergency:

This defibrillator is used to quickly deliver a defibrillation shock to a victim of sudden cardiac arrest (SCA). A video demonstrating use of the defibrillator can be found using this link:

<https://uk.heartsine.com/support/aed-training-videos/> (relevant up to the 4 minute mark). The user manual for the defibrillator (HeartSine SAM 500P Semi-Automatic Defibrillator)can be found here:

https://heartsinelive.s3.amazonaws.com/uploads/2019/03/H032-019-500-1_350_360_500_User_UK_0420_web-1.pdf . Pages 16-20 take the reader step by step through the process. This manual is detailed, and includes a labelled diagram of the defibrillator. Whilst I recommend reading it in full, the video summarises the process well.

Using the defibrillator on Children (1-8yrs)

- This is also detailed in the user manual:
https://heartsinelive.s3.amazonaws.com/uploads/2019/03/H032-019-500-1_350_360_500_User_UK_0420_web-1.pdf . Note, the defibrillator comes with two types of pad-pak (the pad-pak is a single-use removable cartridge that includes the battery and the two electrode pads, in a single unit). The adult pad-pak is currently installed into the defibrillator and is grey in colour. If the patient is 1-8 yr old, the rescuer has the choice of placing the pink paediatric pad-pak into the defibrillator before turning it on (***this paediatric pad is stored within the blue back-section of the soft defibrillator carry-case***) or continuing with adult pack. The adult pad-pak can

still be used on a patient who is 1-8yrs old, but you should ignore the voice prompts regarding rates of CPR.

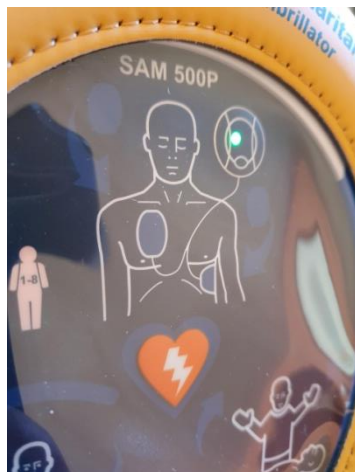
- When using the pediatric pad-pak, the CPR advisor function is disabled, so that whilst the rescuer is prompted to begin CPR in time with the metronome, they won't receive CPR advisor feedback (e.g. on the amount of force to use).
- Note ***the positioning of the pads for children of 1-8yrs is different***. The user manual shows the two recommended placement options.

Defibrillator CPR advice:

- This machine provides guidance for the rescuer, to ensure effective CPR is delivered.
- The defibrillator will provide a metronome to help you maintain a good rate. The machine will also monitor the victim (through the electrode pads attached) and provide feedback (e.g. force and rate) on the CPR being delivered. See the user manual for details and a labelled diagram of the defibrillator.

Maintenance:

- The pads are single use, and must be replaced after use. Please let me or another member of the Parish Council know if the pads are used so we can order new ones.
- If anyone notices that the "Status Indicator" (see labelled diagram in user manual) is no longer flashing green, please let me or another PC member know.



Peter Tomiak-Baquero, Councillor, Nympsfield Parish Council