

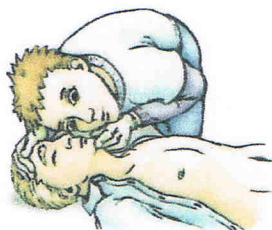
CPR With Defibrillation (CPR-D) Fundamentals

1. Safety



Remove patient from risk area.
Be aware of your own safety!

2. Not responsive? No sign of life? Check breathing, open airway

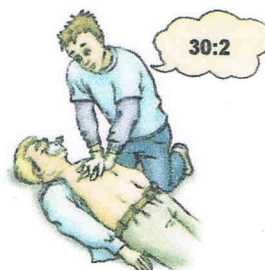


3. Contact emergency services



Engage other people
to help you. Get PAD

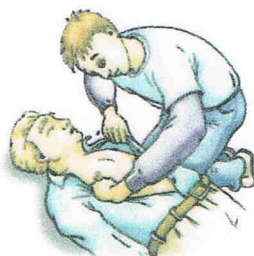
4. Perform CPR until a PAD is available



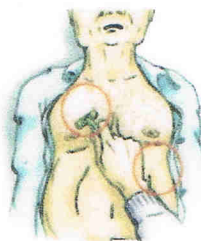
5. Switch on and follow instructions



6. Remove Clothes

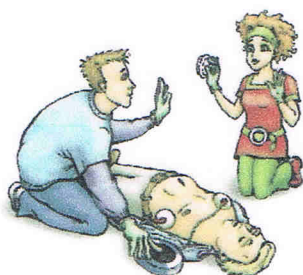


7. Open Pad-Pak, remove pads, peel pads from liner. Apply pads to bare chest as shown below

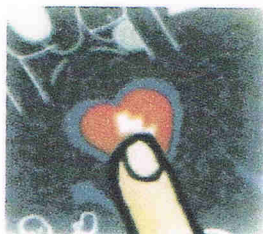


If necessary shave chest at electrodes site. Dry Skin

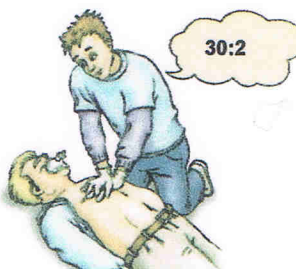
8. Follow Instructions



9. **EITHER** Press shock button



OR Perform CPR for 2 minutes or 5 cycles



Alternate with second person after one cycle
until professional rescue service arrives.

Performing Defibrillation

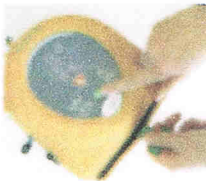
Step 1 Call for medical assistance

Step 2 Lay the SAM 300P on a flat surface



To safeguard against interference you must operate the SAM 300P at least 2m (6 feet) away from all radio frequency devices and other susceptible equipment. Alternatively switch off equipment affected by or causing the electromagnetic interference

Step 3



Press ON/OFF Button and open the green tab of the soft carry case. Listen for the audio prompts:

Adult patient or Child patient

Call for medical assistance

Remove clothing from patients chest to expose bare skin

Step 4



Pull green tab to remove pads

Grip the second green tab of Pad-Pak and PULL.

Step 5

Remove clothing to expose the patient's chest. If the patient has an excessively hairy chest, shave the area where the electrodes are about to be applied.

Peel pads from liner

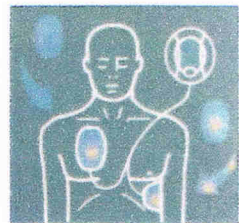


Apply pads to patient's bare chest as shown in picture



Press pads firmly to patient's bare skin

Place the electrodes on the patients chest as indicated below. Sternum and Apex electrode pads are clearly identified on the respective electrodes.



Press the electrodes firmly to the patient's bare chest to ensure proper contact is made.

Performing Defibrillation

Step 6

When the electrode pads are attached correctly to the patient you will hear the audio prompts:



Assessing heart rhythm



Do not touch the patient



Stand clear of patient



The Do Not Touch indicator (above) on the samaritan® PAD will be illuminated.



Follow audio guidance. Do not touch patient or allow others to touch patient while the SAM 300P is analyzing. After completion of analysis the SAM 300P will advise you of treatment recommended. Care must be taken to keep patient still. A moving patient can lead to incorrect, delayed or less effective diagnosis and therapy.



Touching the patient during the analysis phase of treatment can cause interference with the diagnostic process which may cause increased analysis time. Avoid contact with the patient while analysis is being carried out. The device will instruct you when it is safe to touch the patient.



Placement of the pads is critical. Strict observance of pad positioning instructions, as indicated on the labeling and in training, is essential. Failure in pad adhesion may hinder effectiveness of therapy or cause excessive skin burns to the patient if a therapeutic shock is applied.

Step 7

If the patient requires a therapeutic shock the SAM 300P will start to charge. In such a scenario you will hear the following prompts:



Shock advised



Stand clear of patient



The SAM 300P delivers electrical shocks which can cause serious harm to operators and bystanders. Caution must be taken to ensure no-one is in contact with the patient when a shock is delivered.

Step 8

When the SAM 300P has charged to the required level you will hear the audio prompt:



Press Shock button now



Above left is the Do Not Touch indicator. When you are certain that no one is touching the patient press the shock button (above right) to deliver the therapy.



The SAM 300P will only administer a shock if it is needed. A voice prompt will tell you when to press the shock button to administer defibrillation therapy.

Performing Defibrillation

Step 9

When the shock has been delivered or ECG analysis has stopped you will hear the audio prompts:



Begin CPR



It is safe to touch the patient



Begin CPR immediately. Use the metronome sound from the SAM 300P for compression rate – the unit emits a tone at a rate compliant with current AHA/ERC guidelines. Note too that the Safe To Touch indicator flashes (above) at the same rate for additional guidance.

As you start to provide CPR compressions the SAM 300P will continue to provide coaching on CPR with the following prompts issued.



Place overlapping hands in middle of chest



Press directly down on the chest in time with the metronome.



Remain calm

Step 10

The SAM 300P will remain in CPR mode for 2 minutes. After 2 minutes of CPR you will hear the following voice prompt:



Stop CPR



The SAM 300P will then return to Step 6. Ensure no-one is in contact with the patient and proceed as before.



Follow the voice prompts until the emergency medical services arrive.



Your authorized HeartSine distributor will have trained you in the particular SCA treatment protocol you have chosen. In all cases, follow the audio and visual prompts given by your SAM 300P.

User And Bystander Safety

As long as the defibrillator is used according to the directions, and no one is in contact with the patient when the Shock button is pressed, there is no risk of harm to the rescuer or bystanders.

The SAM 300P cannot deliver a shock unless electrodes are applied to someone who exhibits signs of suffering from cardiac arrest and whose heart is in need of a shock.



Do not touch the patient while the SAM 300P is in the process of delivering defibrillation therapy. Defibrillation energy can cause injury.



The Pad-Pak must be used on patients over 8 years old. The Pediatric-Pak must be used on patients less than 8 years old. Do not delay treatment through trying to find out the age and weight of the patient.



It has been determined that the SAM 300P is safe to use in conjunction with oxygen mask delivery systems. However, due to the danger of explosion it is strongly advised that the SAM 300P should not be used in the vicinity of explosive gases. This includes flammable anaesthetics or concentrated oxygen.



See Warnings and Precautions for complete list of warnings and precautions.



Incident Notification

As a user of an AED it is essential that you inform HeartSine Technologies of any incident where your SAM 300P is suspected to have caused a death, serious injury or illness. If you have any suspicions that this is the case you must inform HeartSine Technologies directly or through your authorized distributor.