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SCA â€“ Sudden Cardiac Arrests

An AED or an Automatic External Defibrillator is one of the most essential lifesaving systems that have been produced in the modern era of medical technology. Estimates have revealed that sudden cardiac arrests have claimed more than 200,000 deaths of which around 50,000 deaths could have easily be prevented had an AED been made available in such emergencies. In the event of a heart attack or sudden cardiac arrest, if timely medical attention is not provided and the patient is not moved to the nearest hospital or paramedics summoned, it may result in imminent death of the patient. However, with the advent of the technological advances in the field of medical science, there have been certain revolutionary transitions where medical electronics have played a pivotal role in producing Life Saving Systems.

Portability & Ease of Use

An AED or an Automatic External Defibrillator is a handydevice that is used for assessing the heart rhythm of the victim who has suffered from a sudden cardiac arrest. An Automatic External Defibrillator uses AED electrodes and has the capability of delivering an electrical shock in order to resuscitate the electrical activity to enable it to start pumping the blood again.

The AED is essentially a self-testing and a battery operated device that is simple to use and comes with an ease of portability and can be carried around without any effort. The AED is a rugged gadget and does not require extensive training for its operation. This device is a lifesaving system that analyzes as well as explores for the shock related heart beats indicating the rescuer the requirement for defibrillation and sends shock waves if required. The AED is an inexpensive and easily affordable gadget. The AED defibrillator in this device in fact prompts the user to identify the shock waves to be administered to the patient.

Save Our Souls Devices â€“ Life Saving Devices

These latest state of the art technology AED devices are small, lightweight and portable affording an ease of use and easy to carry medical devices resembling a small laptop or a notebook contrary to the defibrillator that is normally shown on the television shows. Although they are classified as medical instruments, yet they can easily be used by non-medical people with an initial and simple training. It is by far the only medical device that is capable of saving a dying patientâ€™s life in the event of a sudden cardiac arrest. With a small size laptop appearance, they are equipped with two electrode pads that are lined with adhesive which can be attached to the chest of the patient strategically. These life saving devices are widely used in schools, by paramedics, ships, airports and airplanes besides medical institutions. Since these devices are easily affordable, they can be used in homes as they are also easy to operate and do not require specialized training.

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