



Lifeline AEDs

in a class all their own



As the scholastic year draws to a close, planning for the back-to-school season should include the safety of students, academic staff, parents, and visitors in the event of sudden cardiac arrest.

Readily accessible automated external defibrillators (AEDs), strategically placed throughout an institution's campus, athletic fields, etc., can make the difference in the crucial minutes between a victim's collapse and the arrival of emergency medical services.

With industry leading innovation, simplicity, and elegance, Defibtech provides value-oriented AEDs that are so easy to use, virtually anyone can be a lifesaver.

- **The Lifeline AED was the most successfully used AED in a study of minimally trained users¹**
- **Actively illuminated status indicator and frequent and automatic self-tests for easy maintenance**
- **Robust, dust protected, and spray / water resistant**
- **8-year limited warranty**
- **Award-winning design: Lightweight; durable; fully integrated**
- **Designed and factory-assembled in the USA**

¹ Audrius Polikaitis, PhD, The Usability of Five Automated External Defibrillators by Minimally Trained Bystanders, University of Illinois Medical Center, Chicago, Illinois

Brief Summary of Indications, Contraindications and Other Important Safety Information

When should the Defibtech Automated External Defibrillator (AED) be used - what are its indications?

DDU-100 Series

Lifeline/ReviveR DDU-100 and Lifeline/ReviveR AUTO DDU-120 Automated External Defibrillators (AEDs) are indicated for use on victims of sudden cardiac arrest (SCA) who are:

- Unconscious and unresponsive
- Not breathing or not breathing normally

Lifeline/ReviveR DDU-100 and Lifeline/ReviveR AUTO DDU-120 AEDs may be used with Defibtech adult defibrillation pads (model number DDP-100). For patients under 8 years old, or weighing less than 55 lbs (25 kg), use Defibtech child/infant defibrillation pads (model number DDP-200P), if available.

DDU-2000 Series

Lifeline/ReviveR VIEW DDU-2300 and Lifeline/ReviveR ECG DDU-2450 Automated External Defibrillators (AEDs) are indicated for use on victims of sudden cardiac arrest (SCA) who are:

- Unconscious and unresponsive
- Not breathing or not breathing normally

Lifeline/ReviveR VIEW DDU-2300 and Lifeline/ReviveR ECG DDU-2450 AEDs may be used with Defibtech adult defibrillation pads (model number DDP-2001). For patients under 8 years old, or weighing less than 55 lbs (25 kg), use Defibtech child/infant defibrillation pads (model number DDP-2002), if available.

When should the Defibtech AED not be used - what are its contraindications?

DDU-100 Series

Lifeline/ReviveR DDU-100 and Lifeline/ReviveR AUTO DDU-120 Automated External Defibrillators (AEDs) should not be used if the victim is responsive or conscious.

DDU-2000 Series

Lifeline/ReviveR VIEW DDU-2300 and Lifeline/ReviveR ECG DDU-2450 Automated External Defibrillators (AEDs) should not be used if the victim is responsive or conscious.

What other information is important about using the AED?

Do not delay therapy to determine exact age or weight. If pediatric pads are not available, apply adult pads in the position as shown for a child/infant and use the AED.

What are the potential adverse health effects of using an AED?

The potential adverse effects (e.g., complications) associated with use of an automated external defibrillator include, but are not limited to, the following:

- Failure to identify shockable arrhythmia.
- Failure to deliver a defibrillation shock in the presence of VF or pulseless VT, which may result in death or permanent injury.
- Inappropriate energy, which could cause failed defibrillation or post-shock dysfunction.
- Myocardial damage.
- Fire hazard in the presence of high oxygen concentration or flammable anesthetic agents.
- Incorrectly shocking a pulse sustaining rhythm and inducing VF or cardiac arrest.
- Bystander shock from patient contact during defibrillation shock.
- Interaction with pacemakers.
- Skin burns around the defibrillation pads placement area.
- Allergic dermatitis due to sensitivity to the materials used in the defibrillation pads construction.
- Minor skin rash.

What are some of the relevant warnings related to the AED?

- Hazardous electrical output. This equipment is for use only by qualified personnel.
- Possible fire or explosion. Do not use in the presence of flammable gases or anesthetics. Use care when operating this device close to oxygen sources (such as bag-valve-mask devices or ventilator tubing). Turn off gas source or move source away from patient during defibrillation, if necessary.
- The DDU-100 Series and DDU-2000 Series AED has not been evaluated or approved for use in hazardous locations as defined in the National Electric Code standard. In compliance with IEC classification, the DDU-100 Series and DDU-2000 Series AED is not to be used in the presence of flammable substance/air mixtures.
- Improper maintenance can cause the DDU-100 Series and DDU-2000 Series AED not to function. Maintain the DDU-100 Series and DDU-2000 Series AED only as described in the User Manual and Operating Guide. The AED contains no user-serviceable parts — do not take the unit apart.
- Do not open sealed pads package until pads are to be used. The packaging should be opened only immediately prior to use, otherwise the pads may dry out and become non-functional.
- Do not touch the patient during defibrillation. Defibrillation current can cause operator or bystander injury.
- The defibrillation pads are intended for one-time use only and must be discarded after use. Reuse can lead to potential cross infection, improper performance of the device, inadequate delivery of therapy, and/or injury to the patient or operator.
- CPR during analysis can cause incorrect or delayed diagnosis by the patient analysis system.
- User-initiated and automatic self-tests are designed to assess the DDU-100 Series and DDU-2000 Series AED's readiness for use. However, no degree of testing can assure performance or detect abuse, damage, or a defect that occurred after the most recent test is completed.
- Even if defibrillation occurs, the sudden cardiac arrest event may not result in survival.

What are some of the relevant cautions related to the AED?

- Follow all battery pack labeling instructions. Do not install battery packs after the expiration date.
- Follow all defibrillation pad label instructions. Use defibrillation pads prior to their expiration date.
- Use and store the DDU-100 Series and DDU-2000 Series AED only within the range of environmental conditions specified in the technical specifications.

Caution: Federal (U.S.A) law restricts this device to sale by or on the order of a physician.

Please refer to the Operating Guide provided with your AED for user instructions, complete list of warnings and cautions, operator training requirements, summary of primary clinical studies, technical specifications, and other important information. The Operating Guide, for concise guidance on set-up, use, maintenance and technical specifications, and User Manual, for comprehensive training on set-up, use and maintenance; and source for complete technical specifications, are also available at www.defibtech.com/support.



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