

Mechanical CPR Device

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The Life-Stat™ is a new life support device that provides effective, consistent hands-free CPR. Based on Michigan Instruments's previous mechanical CPR device (the Thumper), Lift-Stat has been modernized by the use of electronic control to coordinate chest compressions with ventilation. This life-saving device provides rescuers with hands-free, AHA Guideline-compliant CPR in either the 30:2 compression to ventilation ratio or continuous chest compressions with asynchronous ventilation modes of operation. The Life-Stat can be rapidly deployed and set up so that there is virtually no loss of chest compressions during transition from manual CPR. It can even provide CPR when the patient is being carried on an emergency board in stairways from the rescue site to the emergency vehicle and can strap in to their seatbelts en-route to the hospital. The Life-Stat™ can be used in a variety of settings including ambulances, air medivac units, EMT rescue, fire rescue, emergency department, as well as in-hospital areas such as coronary and intensive care units, cardiac catheterization labs and organ transplant facilities.
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