



Medtronic

LIFEPAK[®] 20

Defibrillator/Monitor



The Sooner the Better



Sudden cardiac arrest (SCA) can happen anytime, anywhere. In your hospital.

Even with the best possible care, hearts stop beating: in emergency departments, coronary and intensive care units, public and diagnostic areas, clinics – and on general floors.

The new treatment goal for sudden cardiac arrest occurring in any area of the hospital is defibrillation within three minutes of arrest.¹

SCA in Hospitals

- The Joint Commission on Accreditation of Healthcare Organizations (U.S.) requires effective resuscitation services to be systematically available throughout the hospital, with strategic placement of equipment.²
- Patients in unmonitored beds, outpatient areas and diagnostic facilities are at higher risk for delayed defibrillation.¹
- Resuscitation committees may “inappropriately” emphasize arrival of the code team rather than delivery of the first defibrillation shock.¹

1. Guidelines 2000 for Cardiovascular Resuscitation and Emergency Cardiovascular Care. *Circulation* 1000.102 (suppl.1.8). © 2000 American Heart Association, Inc.

2. Comprehensive Accreditation Manual for Hospitals, Joint Commission on Accreditation of Healthcare Organizations, January 1, 2000.

The Challenge:

Strategic placement of flexible, easy-to-use defibrillators so that trained first responders can provide the first shock and the code team can quickly provide advanced emergency care.

The Answer:

LIFEPAK

DEFIBRILLATOR/MONITOR

SIMPLE YET SOPHISTICATED

From arrest to defibrillation: three minutes or less is the recommended goal for hospitals.

You're committed to the highest standards of patient care in everything you do—including resuscitation services. Knowing this, Medtronic Physio-Control, the world leader in defibrillation technology, designed the LIFEPAK 20 defibrillator/monitor especially for you, with extensive input from clinicians around the world.

The 20 is highly intuitive to use, and adapts to various patient environments. It skillfully combines an AED function for the infrequent, BLS-trained responder, with manual capability so that

ALS-trained clinicians can quickly and easily deliver advanced diagnostic and therapeutic care. It's two defibrillators in one.

Equipped with the latest ADAPTIV™ biphasic technology, the 20 is the perfect defibrillator for the crash cart and the Heart Safe Hospital, where lifesaving defibrillation is readily available to anyone who needs it. Simple yet sophisticated, the 20 enables clinicians at every level to focus on the most important task at hand—saving a patient's life.

*When you save a life, you save a lifetime—
and everyone it touches*

20

The smart, flexible answer to your hospital's diverse defibrillation needs.

The 20 continues the LIFEPAK legacy of simple 1-2-3-step operation, has the same look and feel as our other devices, and upholds the same standards of excellence inherent in all LIFEPAK products.



FOR MORE INFORMATION ABOUT SUDDEN CARDIAC ARREST AND THE LIFEPAK

K 20
MONITOR

99



1 **ON**

2 **ENERGY SELECT**

3 **CHARGE**

● **AED MODE**

● **ANALYZE**



LEAD

SIZE

SYNC

PACER

▼ **RATE** ▲

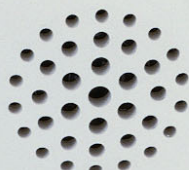
▼ **CURRENT** ▲

PAUSE

ALARMS

OPTIONS

Speed Dial



Front face of LIFEPAK 20 device is shown actual size

Manual Mode

BUILT FOR SAFE AND RAPID TRANSPORT

A convenient optional docking station enables the device to be firmly attached to the crash cart, for safe and rapid transport, or easily released—whatever the situation requires. The docking station also swivels, enabling multiple viewers to see the screen.

EASY TO CARRY, VERSATILE

The 20 is compact and lightweight, and can easily be removed from the crash cart, rushed to the scene, and accompany the patient during transport.

EASILY VIEWED FROM MANY ANGLES

Superb color graphics, viewable from many angles, enable clinicians to easily see color matched waveforms and values, for efficient and informed patient care decisions.



FLEXIBLE THERAPY OPTIONS FOR VARIOUS CARDIAC EMERGENCIES

QUIK-COMBO™ pacing/defibrillation/ECG electrodes are compatible with the entire LIFEPAK family of products, for standardization and continuity of care. Standard adult paddles with embedded pediatric electrodes, sterilizable adult paddles, and internal paddles provide flexible therapy options for response in various cardiac emergencies.

AK 20 DEFIBRILLATOR/MONITOR, VISIT WWW.PHYSIOCONTROL.COM.

ACCURATE AND RELIABLE OXYGEN SATURATION MONITORING

The Masimo SET® pulse oximeter (SpO₂) provides accurate and reliable oxygen saturation monitoring, with waveform for additional cardiovascular monitoring, for quick and effective clinical decisions.



DATA MANAGEMENT CAPABILITIES TO MEET YOUR NEEDS

You can easily print a CODE SUMMARY™ report that includes both an introduction with patient information and a critical event record. It also includes an event and vital signs log, and the waveforms associated with certain events. Archived patient records can be printed. The 20 has two data communication ports, infrared (IrDA) and a direct serial port, which supports a serial data cable.

PROVIDES STANDARDIZATION ACROSS A RANGE OF SETTINGS

The 20 extends and enhances the LIFEPAK family of products, providing flexible, compatible and standardized defibrillation solutions for patients across a range of hospital settings. The LIFEPAK family of products promotes efficient and smooth transitions through the levels of emergency cardiac care, with the ultimate goal of saving more lives.

Two defibrillators in one

- Highly intuitive for quick, effective AED use
- Easily converts to manual mode
- Adjusts therapy based on the patient's needs
 - ADAPTIV biphasic technology
 - Optional, escalating energy shocks up to 360J

K 20
/ MONITOR

99

1

ON

ANALYZE

2

3

MANUAL

Speed Dial

AED Mode

HIGHLY INTUITIVE FOR QUICK, EFFECTIVE AED USE

The 20 is highly intuitive and easy for infrequent BLS-trained responders to quickly understand and use. Our proven Shock Advisory System™ guides the user with voice and visual prompts through each step, and advises giving a shock only if it's needed.

ADJUSTS THERAPY BASED ON THE PATIENT'S NEEDS

ADAPTIV™ biphasic technology automatically adjusts shock duration and voltage, based on the patient's impedance level. In AED mode, the 20 can provide optional, escalating energy shocks (up to 360J) if the heart doesn't respond to the first shock. Manual mode enables the ALS clinician to administer energy levels according to established protocols.

EASILY CONVERTS TO MANUAL MODE

With an easy push of a latch the 20 automatically converts to a manual defibrillator that includes waveform displays.



SAVING MORE LIVES

The 20 extends and enhances the LIFEPAK family of products, providing flexible, compatible and standardized defibrillation solutions for patients across a range of hospital settings. The LIFEPAK family of products promotes efficient and smooth transitions through the levels of emergency cardiac care, with the ultimate goal of saving more lives.



LIFEPAK® CRPlus
Automated External Defibrillator

LIFEPAK® 500
Automated External Defibrillator

LIFEPAK® 12
Defibrillator/Monitor Series

LIFEPAK® 20
Defibrillator/Monitor

WE KNOW DEFIBRILLATION INSIDE AND OUT

Nearly 50 years ago, Medtronic Physio-Control pioneered the defibrillation technology that offers hope for the hundreds of thousands of people who experience sudden cardiac arrest each year. Hospitals, emergency medical services, targeted responders, and other trained providers rely on our LIFEPAK products every day, in the most critical cardiac emergencies and the toughest situations.

Medtronic, the world leader in medical technology, provides lifelong solutions for chronic conditions such as heart disease, neurological disorders and vascular illness. One major product, the implantable defibrillator, helps protect patients from future cardiac events, enabling them to return to active and rewarding lives.



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