GE Healthcare

CARESCAPE Monitor B850

The evolution of

Cardiac Care:
detect cardiac events quickly and begin treatment sooner.

There are multiple challenges facing today's Cardiac Care Unit. Whether it's evaluating patients of all different ages and symptoms quickly and accurately, reliably detecting cardiac arrhythmia events that can cause permanent damage to the heart and other organs, or dealing with the risk of data loss as patients are transported to and from the CCU, technology should help you deliver exceptional care.

The CARESCAPE™ Monitor B850 helps to address these issues by combining advanced analysis and monitoring tools with uninterrupted data streams and bedside access to data and tools – all in one monitor. All of this information is accessible through an intuitive, easy-to-use user interface resulting in fewer repetitive tasks, faster access and quicker analysis than if you were accessing this information from separate systems, enabling better decision support.

The CARESCAPE Monitor B850 combines the features and functionality you need to provide exceptional CCU care:
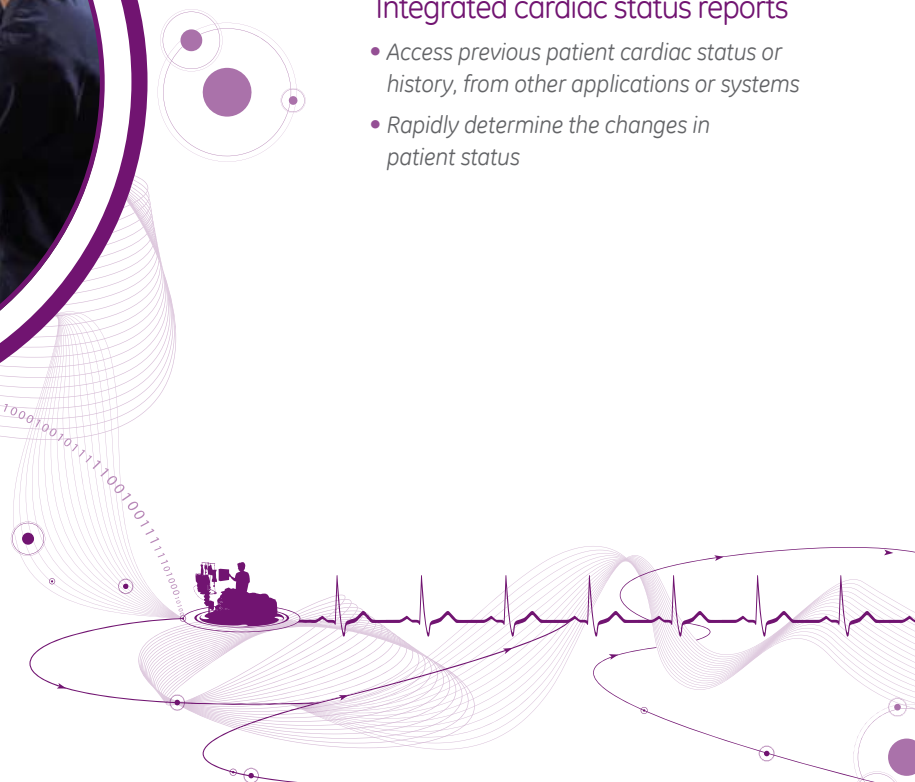
Reliable detection of cardiac events

- *Advanced ECG algorithms to alarm and provide accurate, detailed data for a broad range of cardiac events*
- *Maximizes correct event detection and minimizes false alarms with continuous monitoring of 12 lead ECG, ST changes and QT/QTc prolongation*

Quick and accurate diagnosis

- *Complete patient data enables you to diagnose the root cause of chest pain sooner and begin an effective course of treatment immediately*
- *Accurate diagnostic data helps clinicians with the goal to reduce the risk of permanent organ damage and sudden death*

Integrated cardiac status reports

- *Access previous patient cardiac status or history, from other applications or systems*
- *Rapidly determine the changes in patient status*

The comprehensive clinical intelligence solution for Cardiac Care.

The CARESCAPE Monitor B850 helps you get the right clinical information, when and where you need it. Its flexible, scalable technology allows you to acquire, store and retrieve critical data more efficiently and securely, across your entire enterprise. So you can make more informed decisions for your patients more rapidly. And transform the way your hospital manages patient information and provides care.

Completely informed cardiac status assessments

- *GE EK-Pro™ arrhythmia monitoring uses four simultaneous leads for analysis, including Atrial Fibrillation detection and trending, to help maximize correct event detection and minimize false alarms*

- *Continuous ST-segment monitoring of up to 12 leads and ST trend views enable you to detect changes almost instantly and follow-up on them immediately*

- *Continuous monitoring of QT/QTc prolongation helps you prevent life-threatening torsades de pointes events*

- *ACI-TIPI facilitates triage of chest pain patients, improving diagnostic accuracy and reducing time to treatment*

- *Up to 72-hour parameter trends allow you to analyze changes in the patient's status, as well as evaluate the treatment's effectiveness*

Completely accessible patient data

- *Built-in 12SL analysis and automatic, initial interpretation aids physician with two-way integration to GE MUSE® cardiology information system allows fast, validated access to a patient's 12SL history and serial comparison of cardiac status*

- *Diagnostic quality of 12SL analysis and initial interpretation help improve the speed and accuracy of a caregiver's diagnosis*

- *CARESCAPE iPanel™ browser, which searches electronic systems for your patient's data records at the touch of a button, is integrated-into the CARESCAPE Monitor B850*

- *CARESCAPE Patient Data Module, a modular monitoring device that stays with the patient wherever they go in the hospital and helps avoid data gaps during patient transport, can be combined with the CARESCAPE Monitor B850*

Completely simple design

- *Flexible platform can be customized to support different types of patients; modules can be standardized and shared between units*

- *Profiles and Pages allow you to reconfigure the monitor quickly for patient acuity, type or clinical status*

- *Alarm management tools like Automatic View on Alarm and network alarm management help improve workflow when caring for multiple patients*

- *Advanced review tools enable you to assess the patients cardiac function, hemodynamics, ventilation/oxygenation and overall status*

Two-way integration with GE MUSE cardiology information system to store and retrieve reports directly into monitor display

Multiple ways to retrieve ST segment data and trends to follow up on changes

Advanced arrhythmia monitoring to accurately alarm for broad range of cardiac events

imagination at work