

Change Healthcare Cardiology Hemodynamics™

Improving lab performance and efficiency

Change Healthcare Cardiology Hemodynamics™ helps streamline workflow in the cath and EP labs and shares images and information – all within a single system. This hemodynamic monitoring and recording system is designed as part of the same database as the Change Healthcare multimodality cardiovascular information system.

Patient demographics, medication data, hemodynamic waveforms, fractional flow reserve measurements, images, and procedural information flow seamlessly into one complete patient record. As a result, repetitive data entry is eliminated and information is intuitively accessible from any location.

Optum

Benefits

- Streamlines workflow by providing simultaneous nurse and tech documentation
- Promotes physician efficiency by completing reports before patients leave the room
- Helps eliminate redundant data entry through the single integrated database
- Enables access to historical information
- Fewer button clicks via an intuitive user interface

Features

- Hemodynamic monitoring, recording and analysis modules
- Real-time procedure notes charting
- Real-time customizable vitals charting, including pain status, medications and conscious sedation
- Fully integrated FFR support
- Customizable demographic and procedural data forms
- Full disclosure reporting and playback
- Full vitals acquisition and recording
- Adult, pediatric, and neonatal group definitions for age-specific calculations

Complete lab integration

The implementation of our Hemodynamic Monitoring system enables complete lab integration, helping to simplify your workflow and optimize your cost-effectiveness. This application can exist on its own or seamlessly integrate with our Cardiology Nurse Charting and Cardiology Holding Area Charting solutions. Together, they deliver an intuitive user interface to collect and display waveforms, hemodynamic data, procedural data, and signatures that automatically populate the final physician report.

The platform supports patients of all ages and delivers a flexible, modular solution to address your particular workflow and needs. The single database and the resultant parallel workflows help improve physician adoption of structured reporting by overcoming the perception that dictation is faster.

Introducing the New PB-3000 Front-end Unit

The PB-3000 will take full advantage of the latest technology to help improve patient care and quality outcomes with enhancements to security, administration and interoperability. The simplified hardware design has a smaller footprint, improved usability and reduced potential failure points to improve robustness and make troubleshooting easier.

In addition, updates to the PB-3000 and Change Healthcare Cardiology Hemodynamics™ 15.0.1 includes:

- Procedure room controls (IBP zeroing, NIBP start/stop) that enable the physician or nurse to perform IBP zeroing and start/stop NIBP measurement from within the procedure room
- All the parameters that were available in the previous front-end units (PB-1000, PB-2000), including ECG, NIBP, IBP (4 channels), body temperature, cardiac output, SpO2 and CO2, are now in a smaller device footprint
- LED indicators that highlight a certain module (IBP, NIBP, ECG Battery, etc.) state to the user in the control room
- Buttons for additional control in the procedure room (Start/Stop NIBP, Zero IBP (P1-P4), Zero CO2, Device on/off)
- Two additional analog outputs for communicating signals to 3rd-party devices in the procedure room
- New SpO2 settings and optimizations to help improve accuracy and sensitivity

About Change Healthcare Cardiology Solutions

Change Healthcare Cardiology allows for the unique parallel workflows key to improving the adoption rate of structured data reporting for cardiac and peripheral catheterization, hemodynamics monitoring, electrophysiology, echocardiography, vascular ultrasound, nuclear cardiology, and ECG/stress/holter management.

The single database design gives the entire care team access to the complete cardiovascular EMR – images, reports, waveforms with integrated charge, and inventory management – when and where it's needed. By giving clinicians a better picture of the health of their patients and their operations, they can provide better care.

Visit our website for more information about Change Healthcare Cardiology Hemodynamics

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