HemoCIS is a computerized cardiac information system designed for integrated use in a hospital CathLab environment.

HemoCIS operates as a central database and is networked with the entire range of Mennen Medical's physiological monitoring System, which includes the Horizon XVu and the VitaLogik / Envoy series of bedside patient monitors located in the Holding and Recovery Room Area.

Mennen Medical's monitoring solutions offer network connectivity that can be integrated within the HemoCIS System.

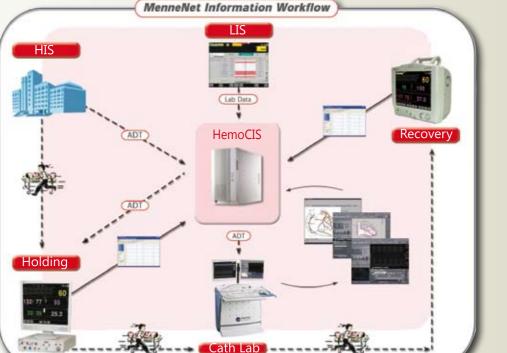
## XVu Product Highlights

- Complete Hemodynamic Analysis ♦ Gradient / Valve / Resistance calculations (Simultaneous Multi Pressure Analysis or Pullback) ♦ Oximetry Package
- ◊ PCI Table
- Multi-purpose Intuitive User
- Interface
- Complete Full Disclosure Playback Intra Cardiac ECG Lead Capability
- (6 Channels) • Coronary Tree Graphical
- Documentation
- Integrated Pediatric Package (System Option)

- Peripheral Vessel Management Package (System Option)
- Import / Export Connectivity -HL7 / DICOM / XML Interfaces
- Customizable Billing, Inventory and Lab Interfaces (with HemoCIS)
- Interface Availability for ACC Data Vendors
- Pre-configured and Customer Configurable Notes
- Bar Code Scanning Capability (System Option)
- Versatile Customized Reporting
- Remote Interactive Terminal (System Option)

- · Separate "Nurses Notes" Station for Procedure Room Use (System Option)
- · Built in interface to "HemoCIS" database
- Interface to Mennen Medical's VitaLogik / Envoy Bedside
- Monitoring Family (with HemoCIS)
- Remote Service via MODEM / VPN
- Network Storage and Archive Capability for All Procedural Data
- Upgrade Pathway Available for All Older Mennen Medical Hemodynamic Systems
- FFR Measurement Software (System Option)







www.mennenmedical.com

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Headquarters:

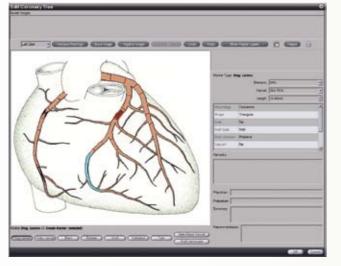
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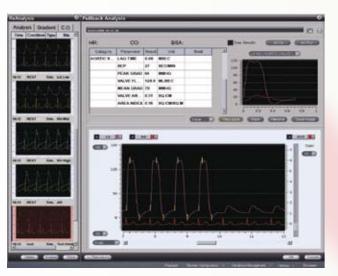


## HORIZON XVu A New Era in Hemodynamic Monitoring

# mennen medical



XVu Coronary diagram dedicated for graphical representation of Interventional Procedures. Editing capabilities provide easy marking of lesions, balloon, stent, graft and collateral blood vessels



XVu Pullback procedure enables valve and gradient results to be displayed in the most comprehensive mode

Thumbnails provide quick access to the previously acquired waveforms.



XVu Full Disclosure playback panel is easily controlled. Specific patient events can be marked for quick access during review sessions.

A new generation of Mennen Medical's Hemodynamic monitoring. The XVu, embedded with a fast performance, an ultra modern user interface and exceptionally accurate analysis system, is designed for

network connectivity and efficient workflow integration as part of Mennen Medical's total IT solution. Combined with user-friendly windows and an intuitive graphic interface, the system enables various layouts to suit both cardiac and angiography procedures.



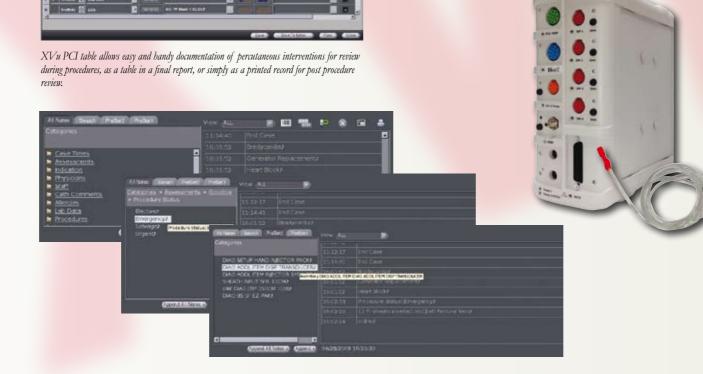
The CFE is Mennen Medical's proprietary front-end vital signs monitor designed to work in concert with the Horizon XVu. It's exceptionally small size allows it to be rail mounted on the Procedure Table for maximum space saving utilization. It is manufactured utilizing the latest technology available and is designed to operate under the demanding workload conditions existing in both Cardiac and Angiography environments. The CFE acquires patient vital sign data which includes ECG (up to 12 leads), Resp, SpO2, NIBP, Cardiac Output, 2 channels of temperature and 4 Invasive BPs. Easily accessed controls on the unit allow for In Room Personnel to perform functions (zero BP; cycle NIBP, etc.) without Control Room assistance.



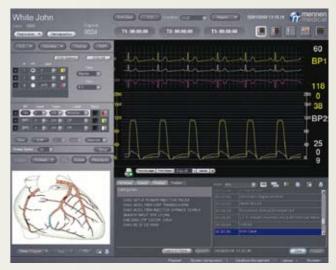
Integrated End-Tidal CO2 Monitoring is now available as a system option.

Backup Mode operation is now available as a system option.

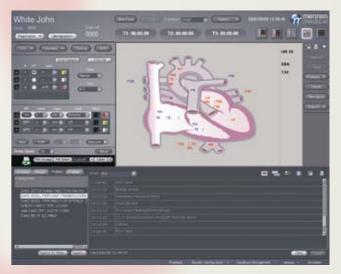
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XVu pre-configured subgroups of notes enables easy documentation of syndromes, diagnoses, procedures, inventory, etc., thus enabling detailed reporting with minimal user effort.



XVu display layout recommended for coronary procedures where PCI table, coronary editor and AO / LV analyses are performed. Also available is a layout with a larger secondary waveform display.



XVu display layout recommended for Right and Left Heart procedures where detailed site analyses, heart editor and oximetry analyses are routinely performed.



XVu display layout recommended for procedures involving significant documentation.