Horizon XVu Key Options

XVu FFR software

Measurement and documentation of Fractional Flow Reserve is performed easilly and fully on the Horizon XVu catheterization system without the need for a stand alone FFR device.

The Mennen Medical Horizon XVu is compatible with both Volcano© and RADI© pressure wires.

State of the art Pediatric Software

• Shunt & Resistance Calculations

• Complete Mullin's diagrams for Congenital Heart Disease

• Custom Defined Site Labels give physicians total control of values used for calculations.

• Oximetry View - Enables to select pressure and saturation values for calculations, Editing of values before calculation & Inserting pressure data into heart diagrams.

HemoCIS plus database on XVu

The HemoCIS plus is a powerful Cardiac Information System.

The HemoCIS plus option can be accessed directly from the Horizon XVu, thus giving the technicians and physicians full capabilities of the database.

The HemoCIS plus includes in a single system, all the necessities of a catheterization ward: Scheduling, Inventory, Billing, Patient files, Outcome Reporting, Statistics.

Bidirectional connectivity capabilities provide easy, rapid and efficient data flow and users can choose to connect the Horizon XVu procedure room to:

HIS ADT by HL7, DICOM worklist, Laboratory Information System (LIS), Hospital Billing System, Reporting by HL7 and XML

mennen medical
since 1963
We Follow Every Beat of Your Heart

Horizon XVu
Hemodynamic Monitoring

CE 4073   **FDA Clearance**

www.mennenmedical.com
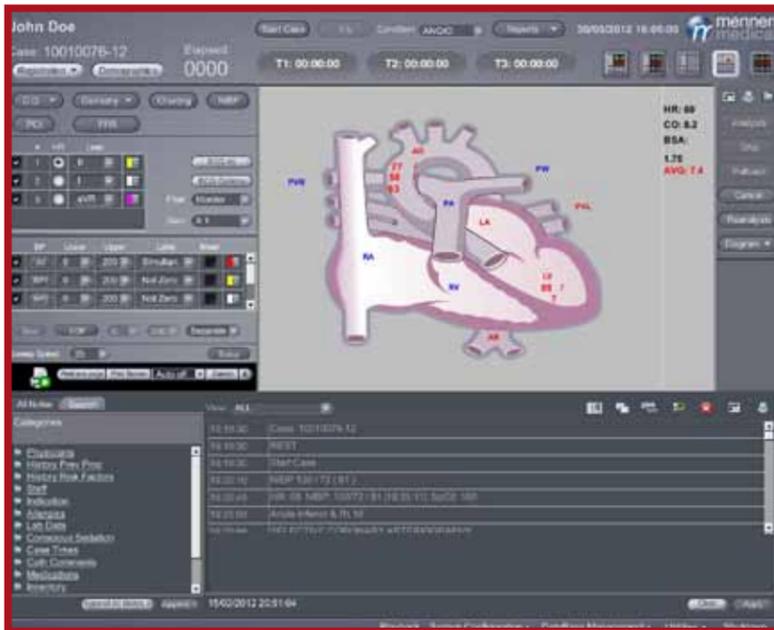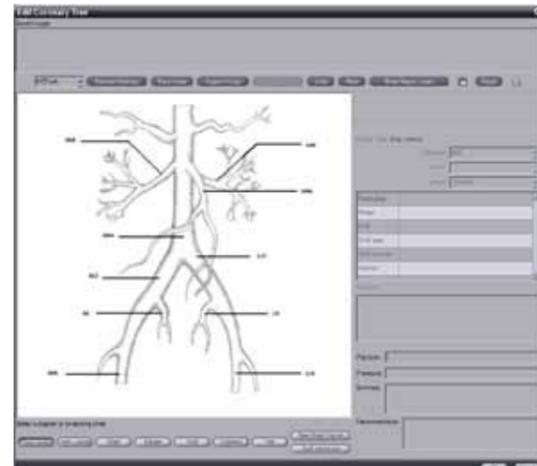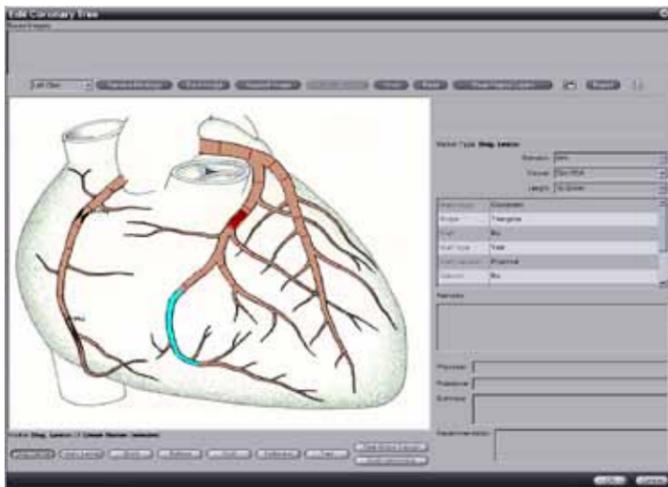
Horizon XVu

Embedded with fast performance, an ultra modern user interface and an exceptionally accurate analysis system, the XVu 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 suits Cardiac , Peripheral and Hepatic angiography procedures.

CFE Signal Acquisition Module

The CFE is Mennen Medical's proprietary innovative Front-End.
It's exceptionally small size allows it to be rail mounted on the Procedure Table for maximum space saving utilization.
The CFE acquires patient vital sign data which includes:

- ECG
- NIBP
- SpO2
- Resp
- Invasive BP (4 Ch)
- Temperature (2 Ch)
- ICECG* (6 Ch)
- End-Tidal CO2*
- Cardiac Output

Easily accessed controls on the unit allow for In-Room Personnel to perform critical functions (zero BP; NIBP measurement, etc.)

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

A choice of optional diagram packages (Pediatric, Hepatic and Peripheral) provide the full compliment of specially designed ready-to-use cardiac and peripheral diagrams.
These contain pre-defined sites conveniently categorized into libraries.

XVu Coronary diagram dedicated for graphical representation of Interventional Procedures. Editing capabilities provide easy marking of lesions, balloons, stents, grafts and collateral blood vessels.

XVu Analysis window for graphical and numerical display of acquired waveforms. Option buttons provide access for easy editing of results and for re-analyzing all previously acquired waveforms.

Horizon XVu Benefits:

- Multiple procedure oriented masks
- Complete Hemodynamic Analysis & Calculations:
  - Simultaneous Multi Pressure Analysis or Pullback
  - Automatic LV-AO Pullback
  - Gradient / Valve / Resistance
  - Oximetry Package
  - Thermodilution or Fick formula for Cardiac Output
- Integrated FFR Analysis*
- Integrated ST Analysis
- Comprehensive Pediatric Package*
  - Oximetry View
  - Complete Mullin's diagrams
- Peripheral Package *
- Hepatic Package *
- ICECG Lead Capability (6 Ch)*

- Complete Full Disclosure Playback
- Diagrams for easy Documentation*
- Pre-configured and Customer Configurable Note "kits"
- Versatile Customized Reporting
- Keyboard Quick Keys
- Import / Export Connectivity - HL7/ DICOM / XML Interfaces*
- HemoCIS plus*
- Remote Service via MODEM / VPN
- Network Storage and Archive Capability for All Procedural Data
- Remote desktop connectivity
- Bar Code scanning capability
- Remote Interactive Terminal
- Multiple languages availability
- *Optional