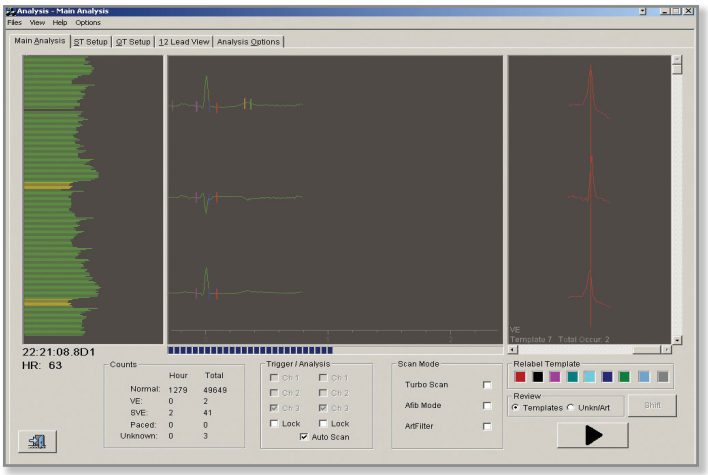
Millennia 2000 Holter Analysis System

BioTelemetry inc
TECHNOLOGY

Holter analysis software featuring a suite of prospective and retrospective analysis tools for fast and accurate processing of Holter recordings

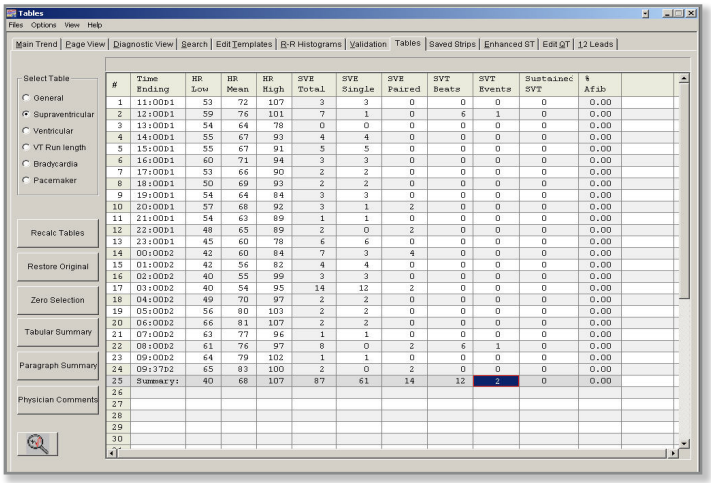
Biotelemetry Technology has scanned more than 2 million tests using our family of proprietary Holter analysis software for more than 35 years. Through real-world experience, we've acquired a thorough knowledge of what our clients need giving Biotelemetry Technology an advantage in developing and engineering Holter analysis systems. The Millennia 2000 Holter analysis software is designed for facilities that prefer the ability to interact with the system prospectively as the arrhythmia analysis is performed.



Prospective analysis provides the user with the ability to view and interact with the system as computerized analysis of the ECG is performed. Analysis parameters can be changed on the fly.

Prospective interactive analysis of ECG

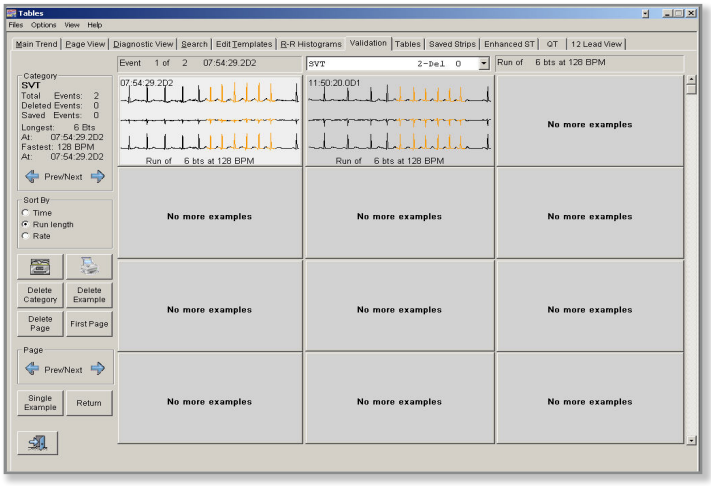
The Millennia 2000 system features prospective interactive analysis that allows the operator to view the results of the algorithm's QRS labeling decisions as the ECG data is being analyzed. The user can interact with the system at any time to adjust analysis channels, re-label beat templates, or change other parameters on the fly. This ability to fine-tune the computerized analysis of the Holter data being processed can greatly reduce the amount of editing needed at the conclusion of a scan, and help the system deal more effectively with noisy recordings or complex morphologies.



The Table view summarizes normal and ectopic activity by hour, and for the entire recording. Right-clicking on an entry provides an immediate display of all examples from that time and category.

Comprehensive editing and validation tools

When ECG analysis is completed a number of tools are available to the user to quickly edit and print an accurate Holter report. Beat templates can be reviewed and edited using point-and-click commands. Validation mode automatically displays the most significant findings for each scan, providing for fast and easy editing and documentation. A convenient Page mode allows the operator to quickly view areas of the recording and verify the accuracy of the analysis via color-coding of detected abnormal beats.



Validation provides rapid access to all examples of significant events, for verification of analysis accuracy and documentation. This example resulted from right-clicking the total SVT events entry in the Table view.

Millennia 2000 Features and Specifications

Analysis Tools and Capabilities

- All 3 channels visible for arrhythmia analysis, either user-selectable or automatic
- 3-channel ST segment analysis
- QT analysis on any single channel
- Time-domain heart rate variability
- Supports sampling rates from 128 to 1024

Holter Recorder Compatibility

- Braemar DL Series Digital Holter Recorders
- BMS300
- Datrix VX3 Digital Holter Recorders

Final Report Options*

- Cover page (paragraph, tabular, enhanced)
- General table
- Supraventricular ectopy table
- Ventricular ectopy table
- Bradycardia table
- Pacemaker activity table
- ST and heart rate trend
- Ectopy histograms
- Heart rate variability
- Strip list summary
- Diagnostic strips
- Patient event strips
- Significant event strips
- Full disclosure

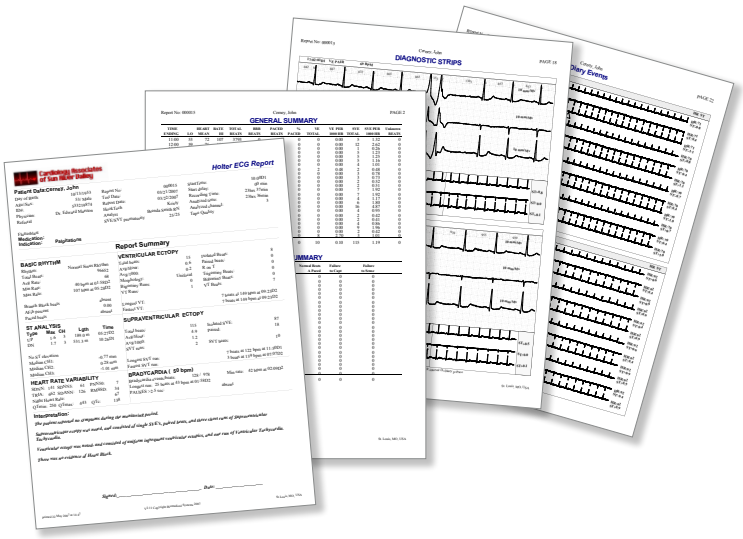
**Reports can be customized to include any or all of the sections listed above. The cover page can be customized with your logo and paragraph text that is specific to your facility or to individual referring physicians.*

Millennia 2000 Configurations

The system is available as software only
(requires flash card reader or recorder interface cable)

Software Features

- Automated arrhythmia analysis, including both prospective and retrospective editing tools
- Page-mode display with color-coded beat highlighting
- Template editing, with the ability to superimpose within any individual templates
- RR interval histograms and scatter plots
- Validation display, for rapid identification of significant events
- On-screen display of all analysis tables, with validation and editing capabilities
- Point-and-click beat editing



Final reports may be customized for individual physicians or clients, so that each reader receives their unique report format, including a custom logo on the cover page.

Manufactured by: Braemar MFG, LLC, a BioTelemetry company

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