CARDIOLINE

Enter the Cardioline world

Cubeholter

Holter analysis software

- 3 and 12 channel recorders from 250 to 1,000Hz. from 24 hours to 7 days.
- Patient data can be entered in the recorder from a work-list or simply typed in manually.
- Principal ventricular and supra ventricular arrhythmias, atrial fibrillation and paced beats are classified and presented in different formats.
- Optimized algorithms provide quick and reliable analysis to be printed immediately or verified through a step by step workflow.
- Heart beat detection and artifact rejection are automatically performed by new powerful award winning algorithms.
- Recordings can be quickly downloaded locally or remotely.
- The software distingueshes between auditing technician and reporting physician.
- HRV, QTc and ST analysis are automatically computed and presented in graphic or tabular mode.
- The software generates a final report that can be exported. Raw data for the full test can be stored in the Cardioline ECGWebApp Holter and analyzed from any location.

CARDIOLINE

Cubeholter

Features

Cubeholter is a next generation Holter analysis software, designed for fast and reliable review of multi-day ECG recordings. Workflow is streamlined and operations are simplified, from recorder preparation to printing of the final report. Best in class algorithms classify heart beats, paced beats and arrhythmias and present results in multiple formats. HRV, QT and ST analysis are also attached to the final report.

Cubeholter analysis software is the best solution in a variety of different environments, ranging from single workstation to multi location data upload and reviewing stations.

Cubeholter analysis software can be associated with the Cardioline ECGWebApp Holter for true web handling of your Holter recordings.

Technical specifications

Recordings	
Functions	Prepare recorder with patient data, import recording, delete recording
Archive	Local database, 1.000 tests recommended limit
Recording types	From 1 to 12 leads, 250, 500 or 1000 samples/second, 24, 48 or 1 week duration
Automatic analysis	
Analysis windows	RR, Template, Events, ST, QT (Bazett, Fredericia, Hodges), HRV
Classified heart beats	Normal, ventricular, supra-ventricular, paced, artifact
Detected arrythmias	Atrial fibrillation, bradycardia, tachycardia, supraventricular couplets, ventricular triplet and ventricular run, supraventricular save, idioventricular rhythm, supraventricular tachycardia, ventricular couplets, ventricular tachycardia, bigeminy, trigeminy, pause, junctional rhythms
Paced beats	Failure to capture, undersensing, oversensing detection
Special algorithms	Noise and artifact rejection. Atrial fibrillation
Customizable report	Pre-compiled summary Trends: RR/HR, Events, ST, QT, HRV. Tables: RR/HR, Events, ST, QT ECG: RR max/RR min, Event strips, Templates, ST Analysis, QT, HRV
Connectivity	
Worklist	Receives worklist from HIS in different formats (DICOM, HL7, GDT)
Recordings	Uploads recordings locally or from remote download stations, trough web-uploader software
Final report	Exports PDF or PDF+ whole recording when Integrated with ECGWebApp Holter

Workstation minimum Hardware requirements

Operating system: Windows 7 or higher, 32 or 64 bit Processor: Intel core i5 or higher RAM: More than or equal to 8GB Free space on Hard Disk: At least 2GB for the program plus space for data archive Screen: 16:10 form factor @ 1600x1050, 22" or more USB: At least 1 USB port Printer: Laser B/N or Color Safety standard: IEC 60950-1