CARDIOLINE US

cubestress combines all the typical procedures for the stress test in a single application: from patient preparation management to the visualization of the 12 leads on the screen in real time, from printing out the trace to automatic ergometer management, and from automatic archiving to printing out the final document and exporting it in electronic format.

cubestress

cubestress is a tool dedicated to cardiologists and sports medicine which allows the user to work from a single workstation or share the database with other networked cube workstations .

cubestress also guides less experienced users through the correct performance of all the phases of the stress ECG , and consists of several windows which allow all the program's features to be controlled at the same time.

cubestress manages both the execution of the stress test in real time and the post-analysis phase, organizing the screen into different windows designed to focus the operator's attention on the characteristic aspects of the test.

Beat-beat analysis
The efficiency and performance of the analysis algorithms, together with the calculation power of the latest generation PCs, guarantee the accuracy of the analysis and allow the program to perform real time beat-beat analysis.
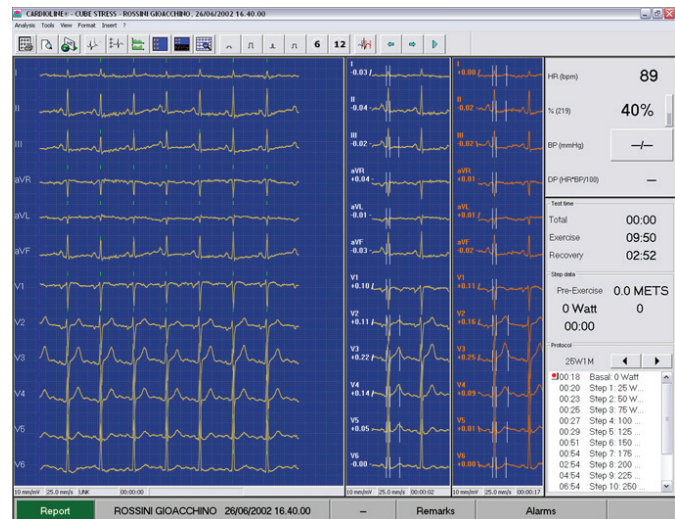
Ergometer management
cubestress automatically manages a vast number of cicloergometers and treadmills, monitoring the load values according to the effort protocol set and allowing manual changes to be made during the test.

Effort protocol management
cubestress includes an application for building customised effort protocols. Following guided procedures the operator can create protocols for
cicloergometers, treadmills or generic devices, and then make them automatically available in cubestress.

Compatible acquisition devices
cubestress devices can be combined with CARDIOLINE® clickecgbt stress test acquisition devices, using bluetooth technology for wireless connection between the patient and the workstation.

www.cardiacdirect.com
5963 Olivas Park Drive, Suite F
Ventura, California 93003

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CARDIOLINE US

Main Features

Display modes	Multiple, selected by the user
Test saving	Full-disclosure
Colour coding	Normal, ventricular, supraventricular anticipated, paused, noisy beats.
List of mains arrhythmias detected	VEB, SVEB, CPT, VT, SVT, SVS, BRA, DEL, AFIB, ESC, IVR, AIVR, PAU, DEL.
Morphological classifications	Normal and ventricular beats.
Advanced RR analysis	RR tachogram
ST and QT segment analysis	Simultaneous and independent analysis of the ST and QT segment on 12 leads, maximum ST depression, maximum ST elevation, trend ST and QT on all 12 leads.
Alarms	Arrhythmias, detached electrode, acquisition device message, ergometer message.
Print management	Real time printout on Windows laser printer or CARDIOLINE® thermal printer. Possibility of programmed printout every minute or every step.
Print formats	12 channels+AVG, 6+6+AVG, 12 channels, 6+6
Ergometer management	Fully automatic. Extensive list of compatible treadmills and cycloergometers.
Effort protocol management	Extensive list of effort protocols already preloaded in the program. Possibility of defining and saving customised protocols for cycloergometers, treadmills or generic devices.
Optional advanced analysis	RR variability in time and frequency domain. Ventricular and supraventricular late potentials analysis, vectorcardiogram.
Print document	Fully customisable.
Archiving of trace	Automatic in the database, optional DVD backup in the SW package.
Export of final document	Export or sending of final document via e-mail in PDF or text format.
Network connection	Possibility of network connection and sharing of database with other cube workstations.

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