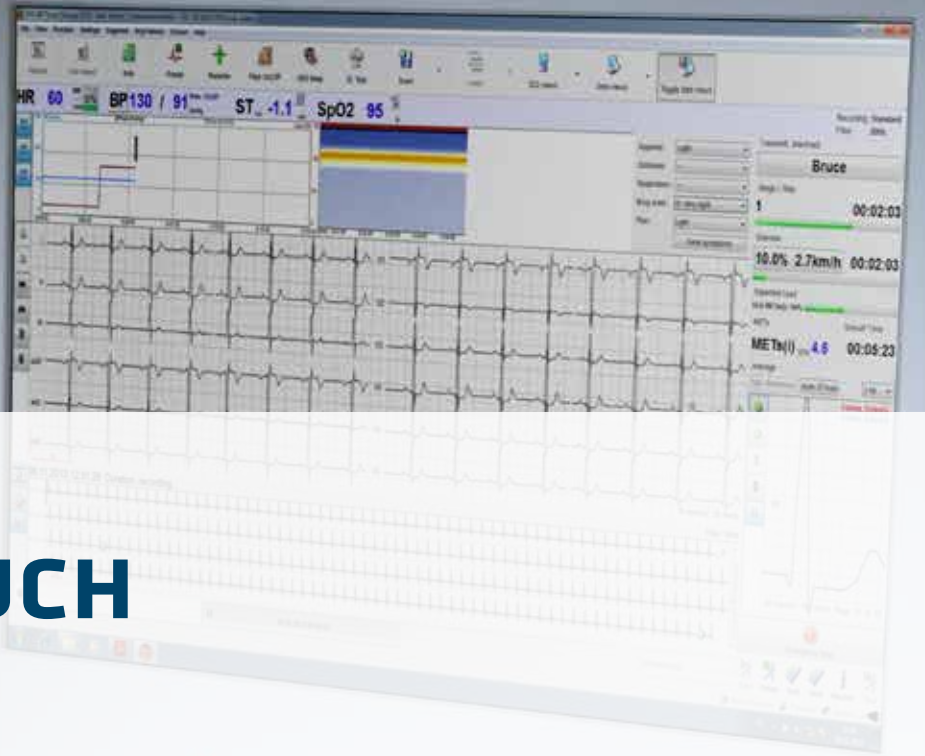


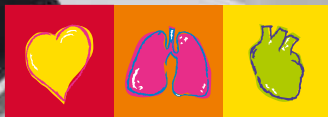
SCHILLER

CARDIOVIT CS-200 Touch



CARDIOVIT CS-200 TOUCH

The next generation of
exercise ECG systems



SCHILLER
The Art of Diagnostics

CARDIOVIT CS-200 TOUCH

Experience the CARDIO-VIT CS-200 Touch and get a view of the future where precision, performance and sophisticated ergonomics converge.

MODERN, ERGONOMIC DESIGN

With its small footprint and easy-glide wheels, the CS-200 Touch fits even the smallest and most crowded spaces in the hospital and can be moved easily from room to room.

The height-adjustable transport cart will smoothly adapt to each user's optimal working position.



YOUR OWN WAY

Whatever your preference for data entry, we have you covered: wireless keyboard, barcode scanner, touch screen or simply download patient data and worklists from the Hospital Information System.



STRAIGHT TO THE POINT

Quickly get to the next step with the best pointing device: your finger.

- 1** Medical-grade panel PC with easy-to-clean, antibacterial plastic housing
- 2** Screen brightness automatically or manually adjusted to operate in any environment
- 3** Large writing surface for clinical documentation
- 4** Height-adjustable handle and keyboard support, for optimal working position
- 5** Data entry with wireless keyboard
- 6** Built-in cabling for added convenience
- 7** Smooth and effortless manoeuvrability with easy-glide wheels



EASY DATA ENTRY

Data entry as easy and fast as possible. Simply enter the data via barcode scanner.

Intuitive tutorial guides the new user from first to last stage, one step at a time, highlighting the next available function. Optionally enabled or disabled.

Enable or disable windows and adapt the display layout to include the information that is important to you.

Unparalleled accuracy of blood pressure measurements with Schiller's proprietary K-Sound Analysis (SKA), with both auscultatory and oscillometric techniques

ECHO View™: a brilliant and intuitive graphic tool to easily spot changes in QT and PR intervals, arrhythmias and ST segments.

Let the system suggest the best exercise protocol based on the patient's condition or manually select the preferred protocol.

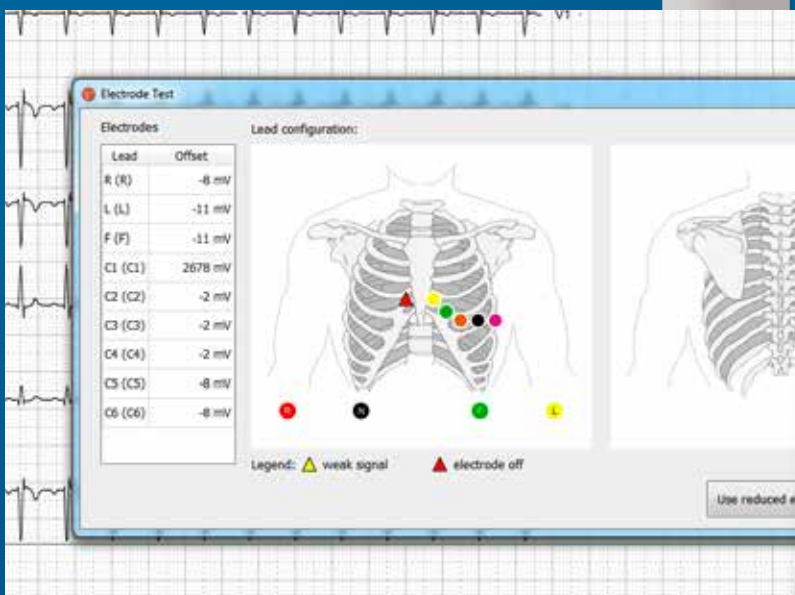


EASY HOOK-UP

Quickly and easily attach lead wires from your patient's left or right side. A full-colour lead map pinpoints problem electrodes on the torso.

CHOOSE YOUR REPORT

The final report format is customizable to each user's preference and multiple formats can be created on the same system.



Digital Hospital Cardiology

Name: **John Smith**
ID: **1000-20131022-003**

22.10.2013 11:01:52

Birth: 20.06.1969
Age: 44y
Gender: M
Height: 180 cm
Weight: 74 kg
BMI: 22.8

Max Load	241 W / 189 W / 128 %	Prephase	-	Protocol	GORDI
Max METs	12.3	Warm-up	-	Ergo / BP	Intertrack / BP-200 plus
Rest BP	143 /min / 176 /min / 81 %	Exercise	02:18	Lead / J-point	Standard / 1140 ms
Max Load BP	- / -	Recovery	08:59		
Max Load BP x HR 1/100	114 / 95 mmHg	Total	04:37		
Rest BP x HR 1/100	16302 mmHg / min		15:54		
DP-Factor	-				
PWC 130/150/170	162 W / - / -				
W 130/150/170	2.18 W/kg / - / -				

Medication: Indication: Risk Factor:

Requested by:
Abort:



THE NEXT GENERATION OF EXERCISE ECG SYSTEMS



SPEED AND ACCURACY THAT MAKE THE DIFFERENCE

Simply touch the large, high-resolution colour display and you're in business recording, selecting and printing the highest quality ECGs faster than you can imagine. From accurate and complete data capture to adaptable reports, every detail of the CARDIOVIT CS-200 Touch is designed to ensure higher productivity and time savings when performing exercise ECGs.

STANDALONE OR CONNECTED

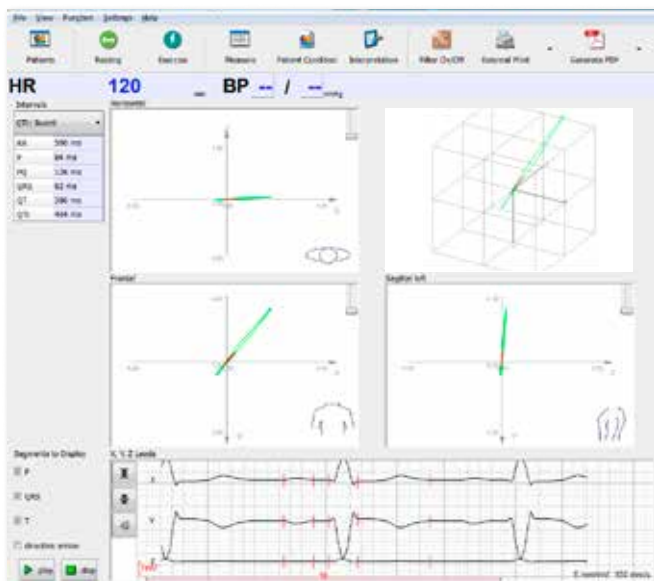
- ❖ No event will be missed thanks to full disclosure storage: scroll back to previous stages conveniently during or after the exercise test. Compare information from previous tests to support diagnosis at any time.
- ❖ Immediately review ectopic beats and significant episodes with colour-coded arrhythmia classification.
- ❖ Confirm ECG measurements on the fly with on-screen calipers.
- ❖ Go through final report preparation with a user-defined list of statements, and get started before the test is over.

UNIQUE DIAGNOSTIC TOOL

INVEST INTO THE FUTURE WITH THE LATEST TECHNOLOGY

From new and improved filters for optimal waveform quality, to high-resolution ECG signals, with storage and analysis at 1000 Hz, the CS-200 Touch paves the way to cutting-edge diagnostic capability:

- ❖ 16-lead acquisition and analysis.
- ❖ Vector 3D ECG, offering a 3-dimensional view of the cardiac electrical activity, and a complete diagnosis of frontal and posterior walls.
- ❖ Signal Averaged ECG analysis, as a decision aid for stratification of ventricular arrhythmia and a valid alternative to complex invasive testing.
- ❖ Four methods (Bazett, Fridericia, Framingham, Hodges) to correct the QT interval for heart rate.
- ❖ ETM, a comprehensive algorithm for ECG interpretation, gender- and agespecific, and with additional right precordial lead measurements.

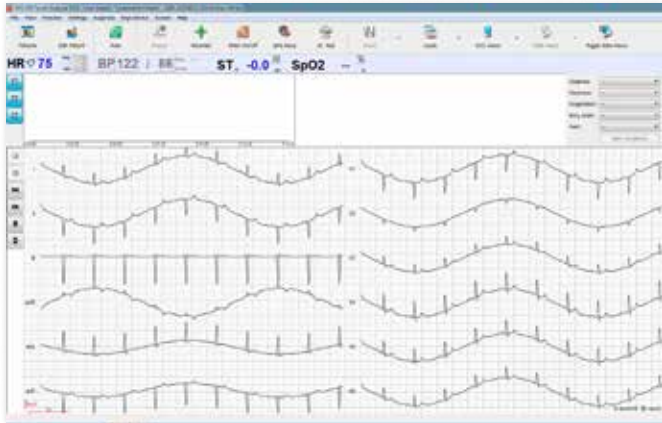


VECTOR 3D

Choice of standard leads for easy application, or Frank leads for a more accurate view of the posterior wall.

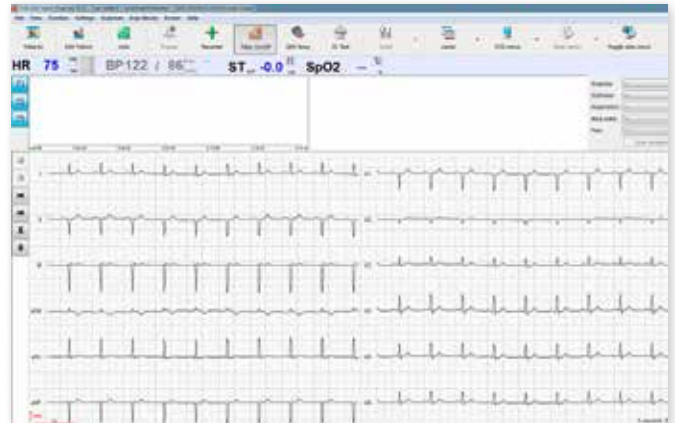
CHALLENGE

Patient movement in exercise stress tests is always a challenge to obtain a stable baseline and good-quality ECG.



SOLUTION

Superior technology allows for sophisticated filters such as RSNF™, reducing movement artefact and preserving ST segment information.



Unique, scientifically and clinically proven analysis of high-frequency QRS signals, which significantly improves the accuracy and effectiveness of routine exercise ECGs.

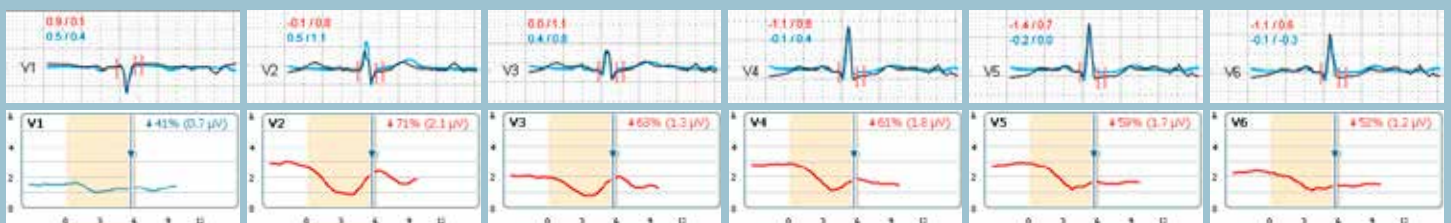
- ❖ More sensitive diagnosis of ischaemic patients
- ❖ Less false alarms in non-ischaemic patients
- ❖ Gender-independent accuracy
- ❖ Determined diagnosis in patients with equivocal exercise ECG

- ❖ Reduces health care costs by saving on unnecessary expensive diagnostic tests
- ❖ Prevents unnecessary exposure to radioactive or invasive procedures

EXERCISE ECG: PATIENT WITH POSITIVE HyperQ™ AND CAD (CORONARY ARTERY DISEASE)

75 years, male, CAD: ST segment analysis shows no abnormalities.

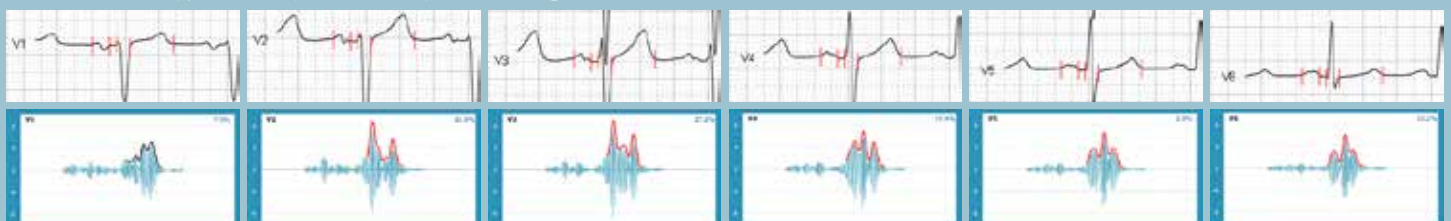
However, the HyperQ analysis correctly detected significant ischaemia.



RESTING ECG: PATIENT WITH POSITIVE HyperQ™ AND ACS (ACUTE CORONARY SYNDROME)

62 years, female, ACS: as displayed on the side, ST segment analysis shows no abnormalities.

However, the HyperQ analysis correctly detects significant ischaemia.





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