

EC Sense Exercise ECG Option

12-lead Rest & Exercise ECG



CARDIOLEX

EASY TO USE ECG

EC Sense Exercise ECG Option

Streamline
your digital
workflow!

12-lead Rest and Exercise ECG

EC Sense option Exercise ECG (Catalogue no: CN SO-3)

Cardiolex EC Sense Exercise ECG can be bought as a turnkey system, but also as an option to EC Sense. It is designed to be simple to use and produce high quality ECG recordings.

The patient can be monitored safely and clearly during the examination. The entire examination is stored for finishing and creating a final report, and the system supports referral flow with templates and notification to hospital information systems.

BENEFITS WITH EC SENSE EXERCISE OPTION



EASY TO USE



EASY
WORKFLOW



ADD ON
OPTIONS



FAILSAFE
WORKFLOW



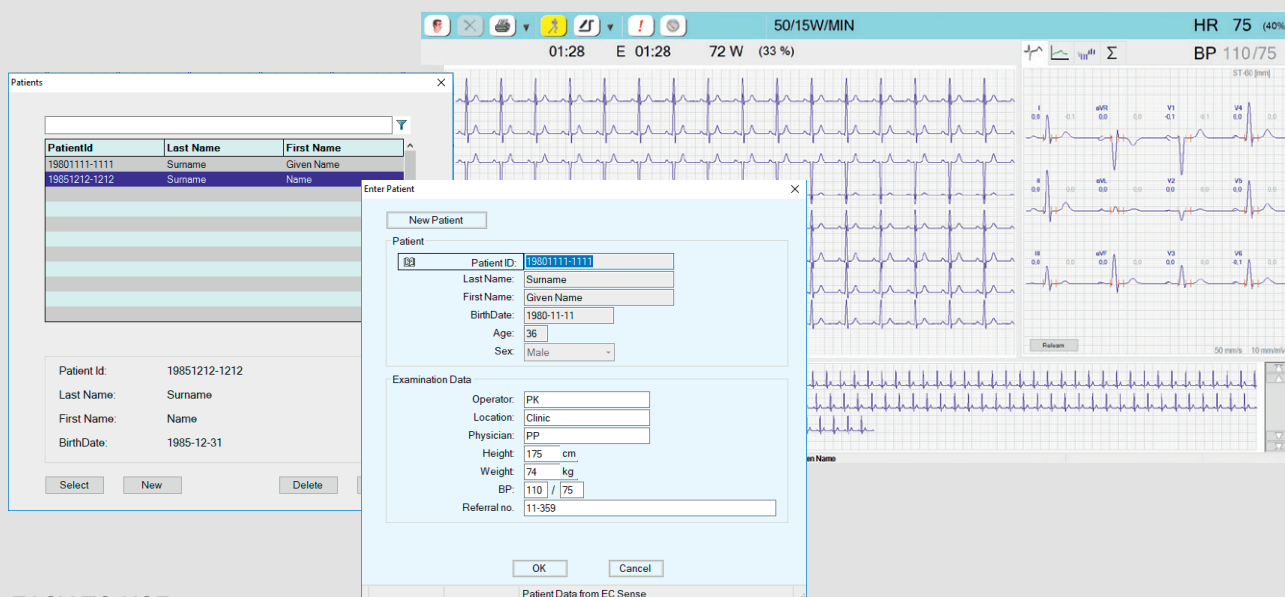
HIGH SIGNAL
QUALITY



EXTERNAL
EQUIPMENT



FLEXIBLE
REPORTS



EASY TO USE

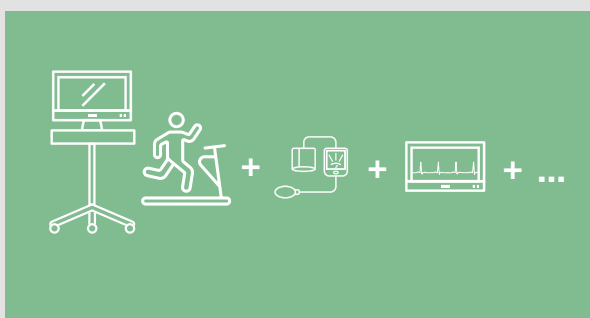
EC Sense is characterized by its simple and intuitive use, which eliminates the risks for improper use. It is quick to get started with an exercise test, enter patient data manually or select a patient from a worklist (optional) or a patient list and initiate the examination. Referral number can also be linked to the examination. The system is programmable and follows the workflows defined by the user.

When the exercise test is complete, it is stored into EC Store in full with all ECG data and values and markings made. The work can continue in EC View in the same way as in EC Sense. EC View is part of the EC Store to continue editing and signing the examination. New and updated examinations in EC Store can then be notified to hospital information systems.



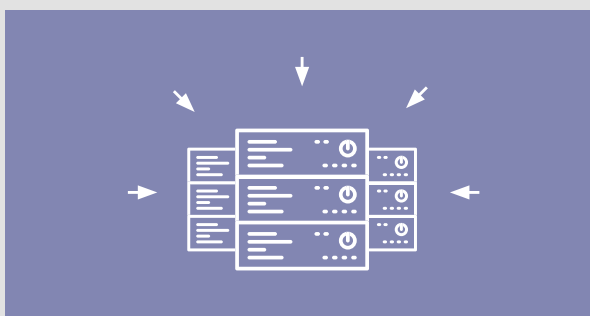
EASY WORKFLOW

The operator starts the test by choosing a protocol adapted to the examination and is then led through the different phases of the examination. Supplement examination data, such as event markers and printouts, can easily be added. All data is shown in a clear and concise way, and the same button is always used to proceed.



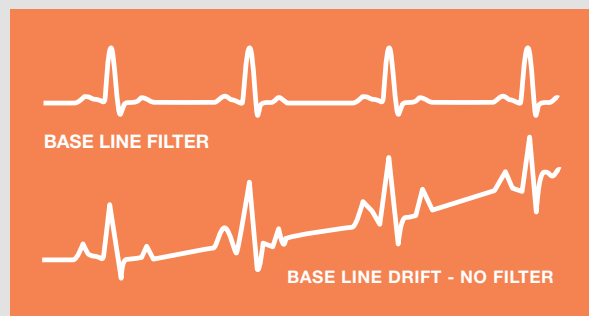
VARIOUS ADD ON EXAMINATION OPTIONS

To further increase the fields of application, various external equipment can be connected to the EC Sense ECG system as well as more in depth examination functionalities. The chosen add on options are added to the EC Sense system without the need for any hardware or software upgrade, and the new function is available immediately.



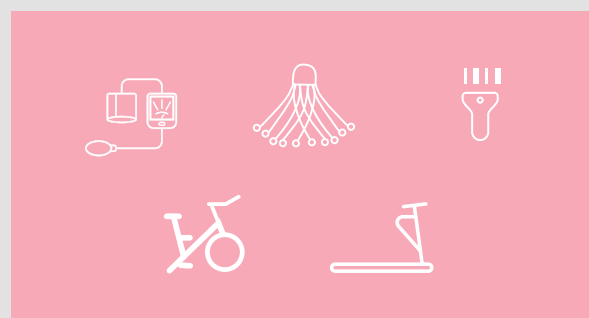
CONTINUOUS SAVING FOR FAILSAFE WORKFLOW

- All data is saved every five seconds, if anything goes wrong and the exercise test is disrupted, the examination can be recreated.
- If the exercise phase does not start properly, you have the possibility to go back and start over.
- If end time of the exercise phase is incorrect, the transition to recovery phase can be moved.



HIGH SIGNAL QUALITY

A high quality, non-destructive base line filter effectively removes baseline drift with minimal impact on the ECG signal and it is adapted for exercise tests to achieve the best measurements possible.



COMMUNICATION WITH EXTERNAL EQUIPMENT

Our system can be connected to various external equipment in order to perform exercise testing according to clinical demands. The system helps the user to control the connected equipment. Ergometers, Treadmills, Blood pressure equipment, Vacuum Systems and Ergo Spirometry are examples of such equipment.



POST PROCESSING

The workflow for creating reports is logical and simple. Several different types of reports are available and it is possible to adapt the reports to suit the clinical needs. It is easy to create templates to use for statements and comments and the actual contents of the templates are formulated by the operator:

- Check and edit examination data (Summary),
- Review and edit data, events and complexes. Choose items to be included in the report (Rhythm; Arrhythmias/ events; Trends; Complex),
- Review report before print out or storage (Report Preview).



CARDIOLEX

EASY TO USE ECG

Cardiolex Medical AB develops and markets easy to use systems for ECG.

Our ECG management system and various ECG systems exist on 2/3 of Swedish hospitals, which means that the system has over 10 000 users in Sweden. We offer the complete solution within ECG, from the systems receiving the ECG signal from the patient to the ECG management systems, storing and managing generated data. Our products work for a wide range of users, from University hospitals to small clinics. Our focus is on creating ECG solutions that are user-friendly, reliable and secure.

Read more about our products on www.cardiolex.com.

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SYSTEM REQUIREMENTS

Operating system: Microsoft Windows XP® or later, .NET 4.

PC performance: 1.7 GHz processor; 8 GB RAM; At least 1600x900 resolution.

PC information: At least 2, preferably 4 USB ports.