

# EC Sense™ Long ECG Option

12-lead Rest ECG



**CARDIOLEX**

EASY TO USE ECG

# EC Sense™ Long ECG Option



12-lead Rest ECG  
EC Sense™ option Long ECG

Cardiolex' EC Sense™ Long ECG is an option to EC Sense™ and EC View™. The option is an extended version of Long ECG Basic. With the Long ECG option, it is possible to take longer ECG recordings up to one hour, digitally selecting important time stamps and entering values for different parameters.

The system is designed to be easy to use and consistently provide high quality registrations. The patient can be monitored safely and clearly during the examination. The entire examination is stored for finishing and creating a final report.

## BENEFITS WITH EC SENSE™ LONG ECG OPTION



**EASY TO USE**



**EASY  
WORKFLOW**



**HIGH SIGNAL  
QUALITY**



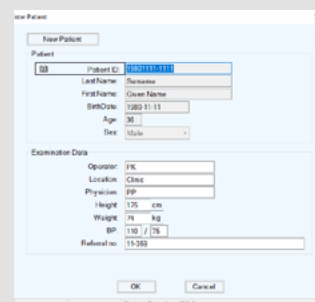
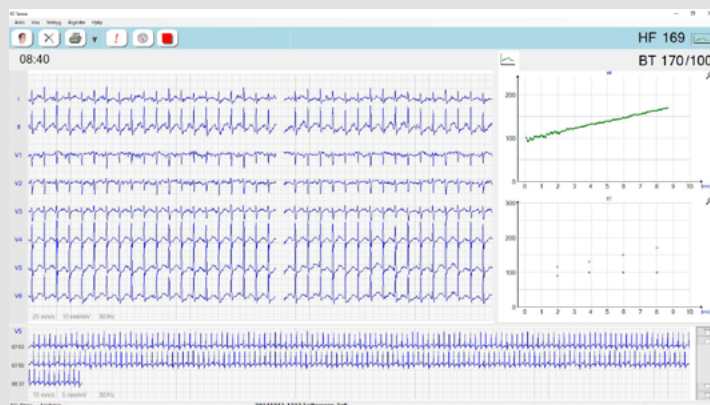
**ADD ON  
OPTIONS**



**FLEXIBLE  
REPORTS**



**FAILSAFE  
WORKFLOW**

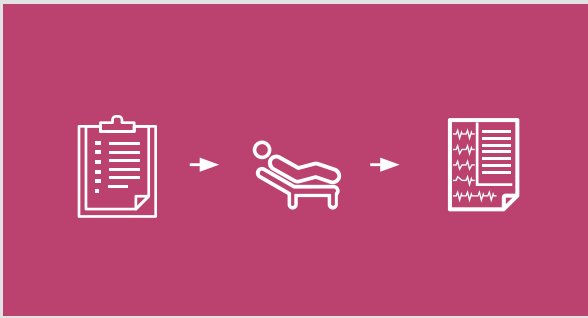


Patient	
Patient ID:	000111111
Last Name:	
First Name:	
BirthDate:	1980-11-11
Age:	36
Sex:	Male
Examination Data	
Operator:	JK
Location:	Clinic
Physician:	PP
Height:	175 cm
Weight:	76 kg
BSP:	110 / 78
Referral no:	11360

### 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 a Long ECG test, enter patient data manually or select a patient from a worklist (optional) or a patient list and initiate the examination. The option enables simultaneous monitoring of Real-time ECG and Longer rhythm supervision without having to print the registration on paper. This feature is thus especially suitable for esophagus ECG, tilt tables or other examinations where a recording without interruptions and the possibility to digitally mark important events are required.

When the test is complete, the report can be printed, stored locally or in EC Store™ for further analysis, with all ECG data and values and markings made. After-treatment can be done with this option, both together with EC Sense™ and EC View™/EC View™ Web.



## EASY WORKFLOW

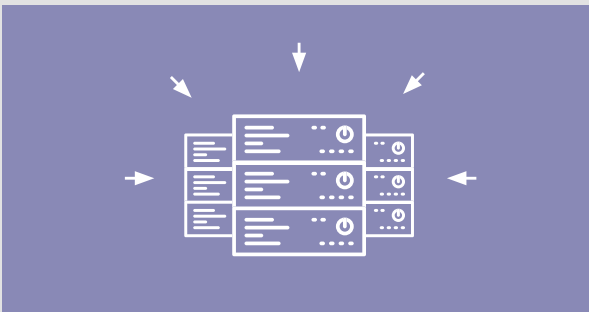
Enter patient data manually, from worklist or via national registrations. One click on the record button and the registration starts. It is easy to use the functions, mark events in the ECG recording by simply pushing a button. Blood pressure values and custom parameters can be added and followed up. When the registration is complete all ECG data is saved.



## VARIOUS ADD ON EXAMINATION OPTIONS

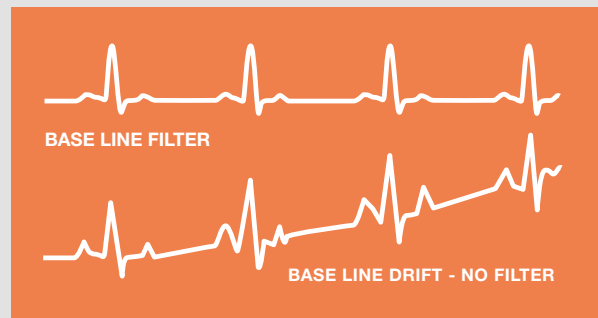
It is easy to add options to further increase the fields of application and gain more in depth examination functionalities. The chosen add on options are added to the EC Sense™ system without the need for any hardware or software upgrade, and the new function is available immediately.

- Caliper (extended measurement)
- Communication (for storage)



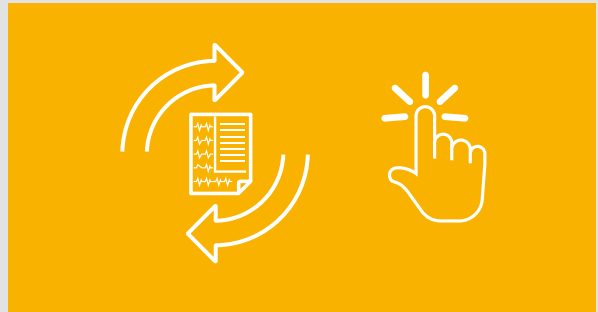
## CONTINUOUS SAVING FOR FAILSAFE WORKFLOW

All data is saved every five seconds, if anything goes wrong and the record is disrupted, the examination can be recreated.



## HIGH SIGNAL QUALITY

A high quality, non-destructive base line filter effectively removes baseline drift with minimal impact on the ECG signal. Additionally, 50 Hz disturbances are effectively filtered out without affecting the ECG signal. Both measures enables a high ECG registrations quality.

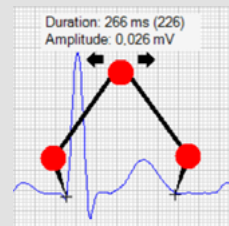


## POST PROCESSING

When the test is complete, the Long ECG can be viewed in full or be printed, stored locally or in EC Store™ for further analysis, with all ECG data and values and markings made. Parts of the ECG can be selected for the final report and irrelevant parts can be removed. Creating the final report is easily done in EC Sense™, but the recording can also be sent to the EC Store™ in full disclosure and viewed in EC View™ for editing just as in EC Sense™.

It is easy to use the functionality in the ECG report to further analyze the data, some examples are:

- The entire registration is shown in one lead or in more depth by showing all twelve.
- Data inputs and heart frequency are displayed as trends.
- A time anchor can be set to synchronize display curve data and trends at the same time stamp.
- Viewing and printing can be done at up to 200 mm/s and 40 mm/mV for a more detailed view.
- Measurements of amplitude and duration in the ECG are done with a simple digital caliper function. (There is also an option for extended measurements, EC Sense™ Caliper, CN SO-4.)





## CARDIOLEX GROUP

Cardiolex Group offers complete ECG-solutions, focusing on digital workflow, ease of use and supplier-independent systems.

The broad product portfolio of Cardiolex Group, provides scalable and flexible solutions that suit both larger hospitals and smaller care providers.

## CARDIOLEX MEDICAL

Cardiolex Medical is a Swedish company with ECG-products on the market since 2007.

We offer efficient and user-friendly solutions, which are developed in close collaboration with our customers. Our digital offering is flexible, reliable, secure - and completely paperless.

---

Read more about our products on  
[www.cardiolex.com](http://www.cardiolex.com).



Cardiolex Medical AB  
Sundbybergsvägen 1, SE-171 73 Solna  
+46 (0) 8 564 820 50 · [info@cardiolex.se](mailto:info@cardiolex.se)  
[www.cardiolex.com](http://www.cardiolex.com)