
Bee Doctor

Veterinarian User

Manual - Rest

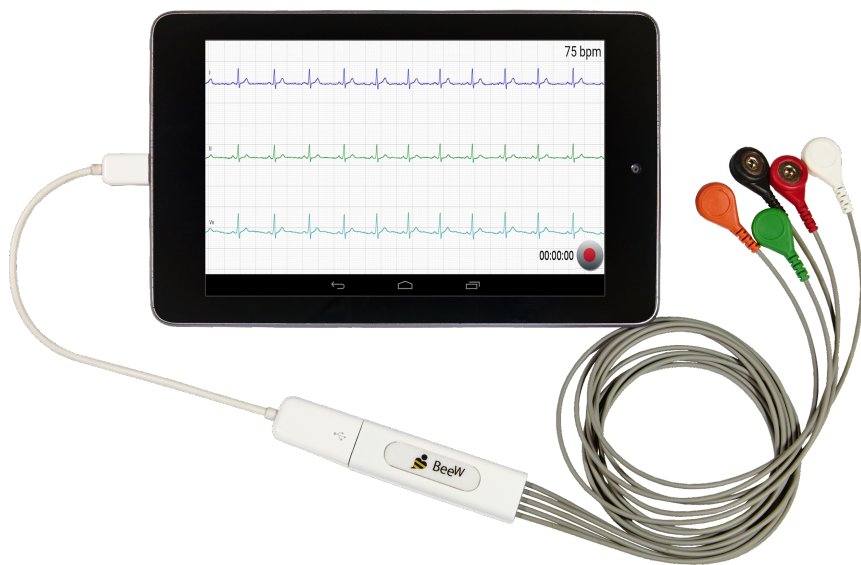


Table of content

Introduction	3
Setting up an account	3
Login to the application	3
Connecting the device	5
Patient selection	6
New patient	6
Select from list	6
Anonymous	6
Electrodes placement	7
Start monitoring	7
Start/Stop recording	8
Offline records	9
Offline viewer	10
Attachments	11
Advanced features	12
Update the application	12
Edit patient	12
Streaming	12
Automatic mode	13
Troubleshooting	14
A red light on the device	14
Studies are not uploaded to the cloud	14
Very noisy signal	14
Issues while monitoring	14
How to report an issue	14

Introduction

Your kit contains:

- A tablet with BeeDoctor application - a professional ECG application that will allow you to perform fast, efficient high-quality ECG examinations
- BeeW - a resting ECG device that turns a tablet into a professional cardiograph

Setting up an account

Before you can use the mobile app, you must have a Beecardia account.

In order to sign up to the site and get a new account:

1. Browse to: <http://clinic.beecardia.com>
2. Click on "Create new account"
3. Choose "Veterinarian" account type
4. Fill all the relevant details
5. When done click on "Create account"

After signing up you will get an email to activate your account, please follow the instructions in that mail to finish the signup process.

Login to the application

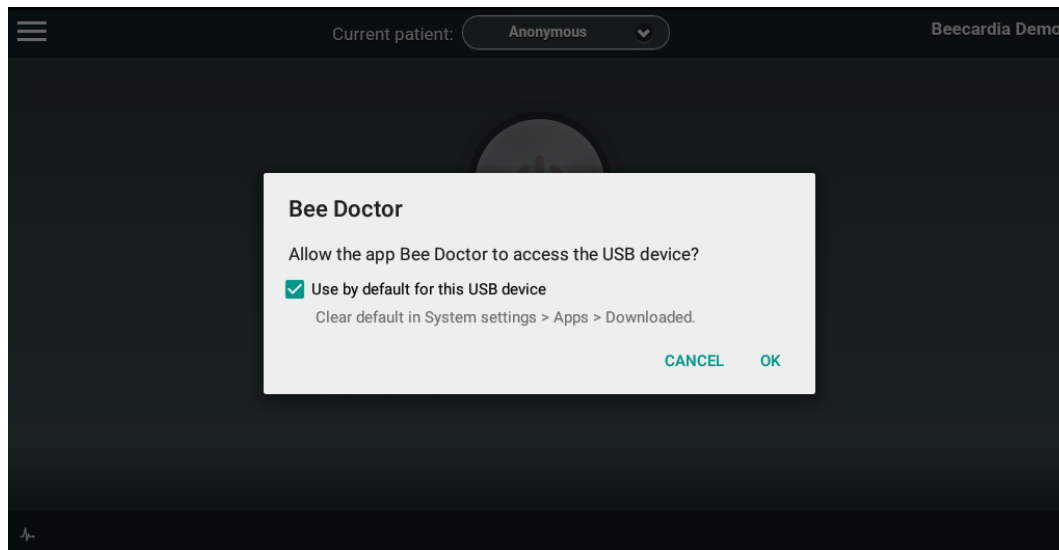
In order to start using the application you first must login:

1. Please run BeeDoctor application on your tablet
2. Click on the "Login" button at the top right
3. Fill in the same email and password as you used in your site account (please see the ["Setting up an account"](#) section)
4. Press on "Submit"

Connecting the device

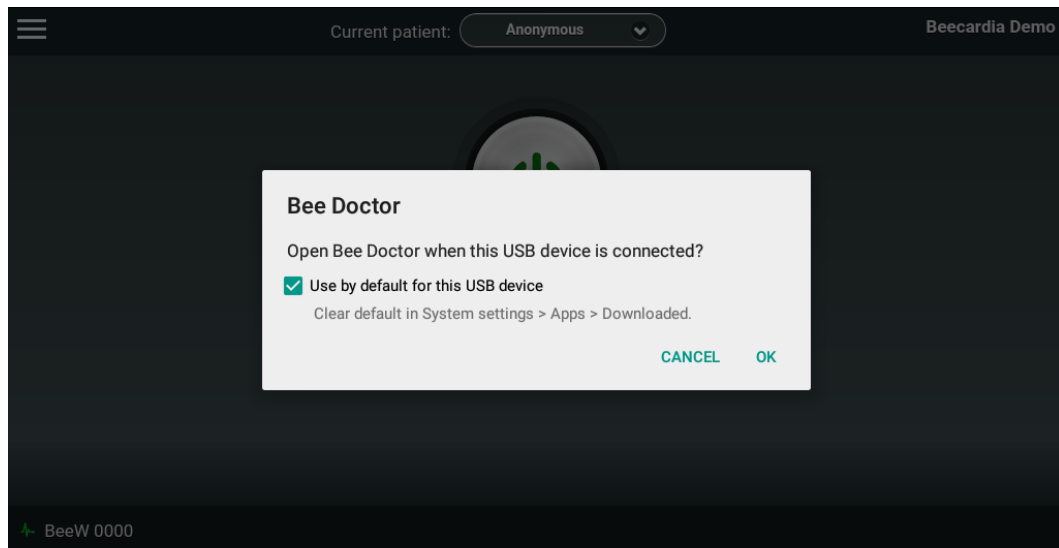
Attach the device to the tablet using the micro-USB cable adapter. Please make sure that there's a green light on the device after connecting it.

After about 20 seconds you should get the following popup:



Please check the “Use by default for this USB device” checkbox and click on “OK”.

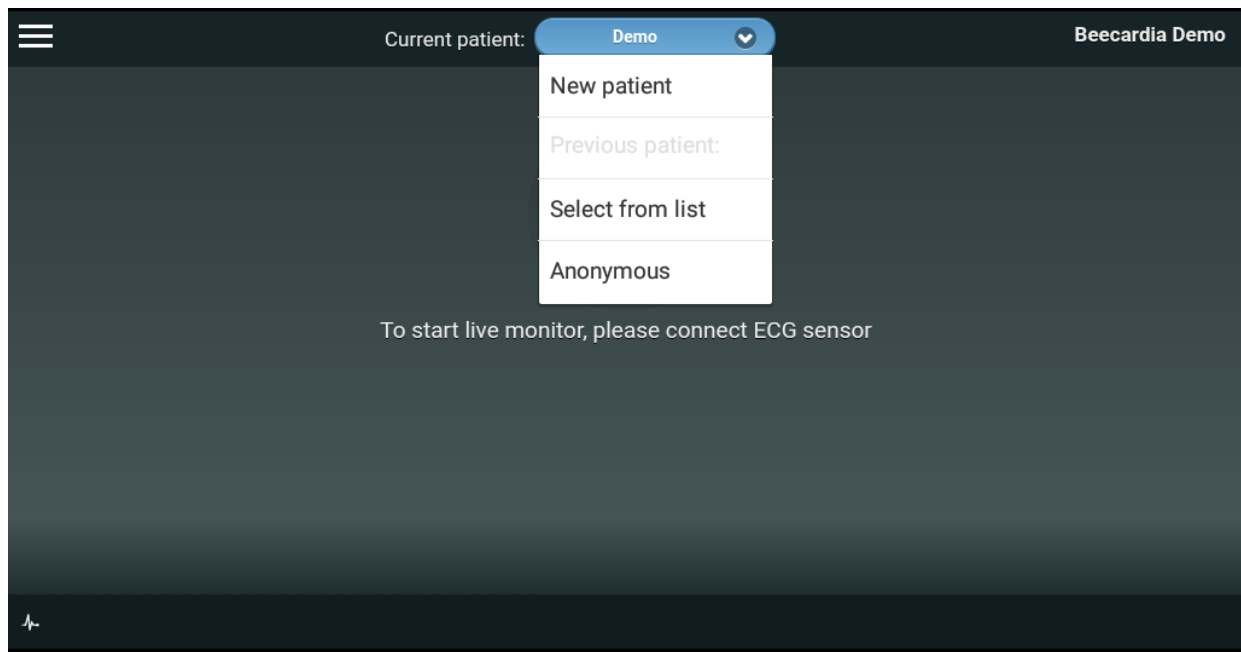
You should then get the following popup:



Please check the “Use by default for this USB device” checkbox and click on “OK” in this popup as well.

notice The above popups will only show on the first time that you connect the device.

Patient selection



New patient

You can create a new patient from the drop-down menu at the top of the homepage. After selecting “New Patient”, fill in the patient details and press “Ok” to create the patient.

Select from list

This option allows you to select the previous patients without having to re-enter their details.

Anonymous

This option will allow you to create a study with an anonymous patient.

Electrodes placement

For the 3 wires model:

■ Right front leg ■ Left front leg ■ Left back leg

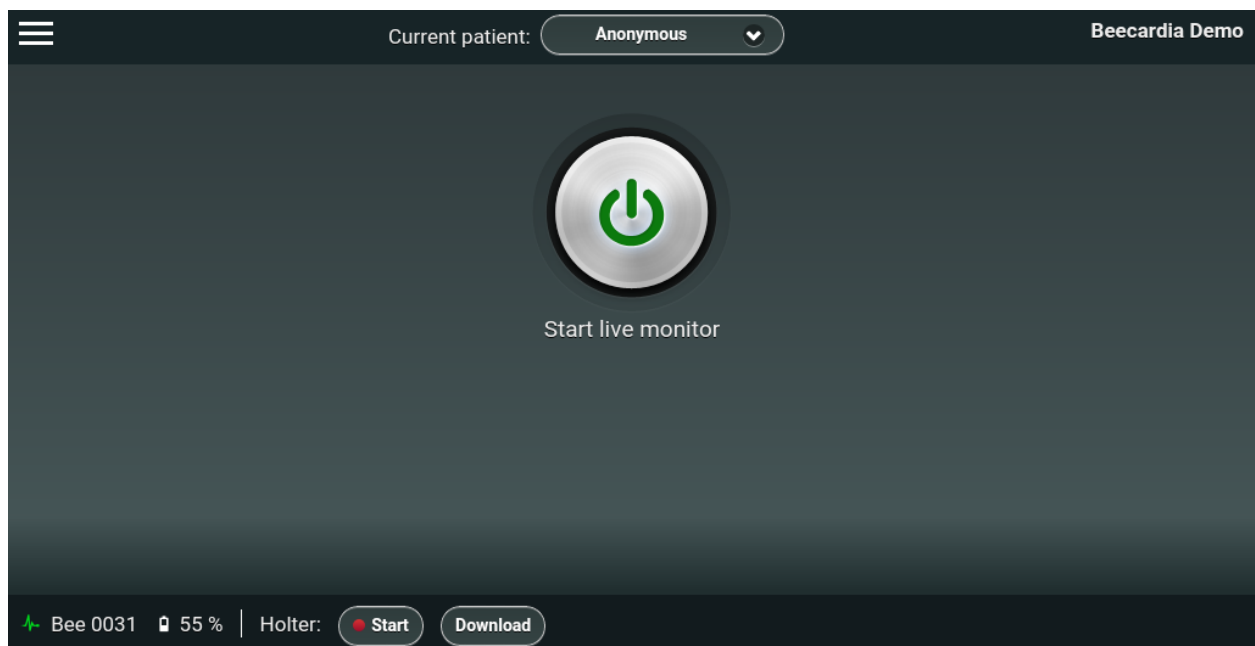
For the 5 wires model:

■ Right front leg ■ Right back leg ☐ Chest

■ Left front leg ■ Left back leg

Start monitoring

After connecting the device (See “[Connecting the device](#)” section), the main button at the homepage should turn from gray to green.



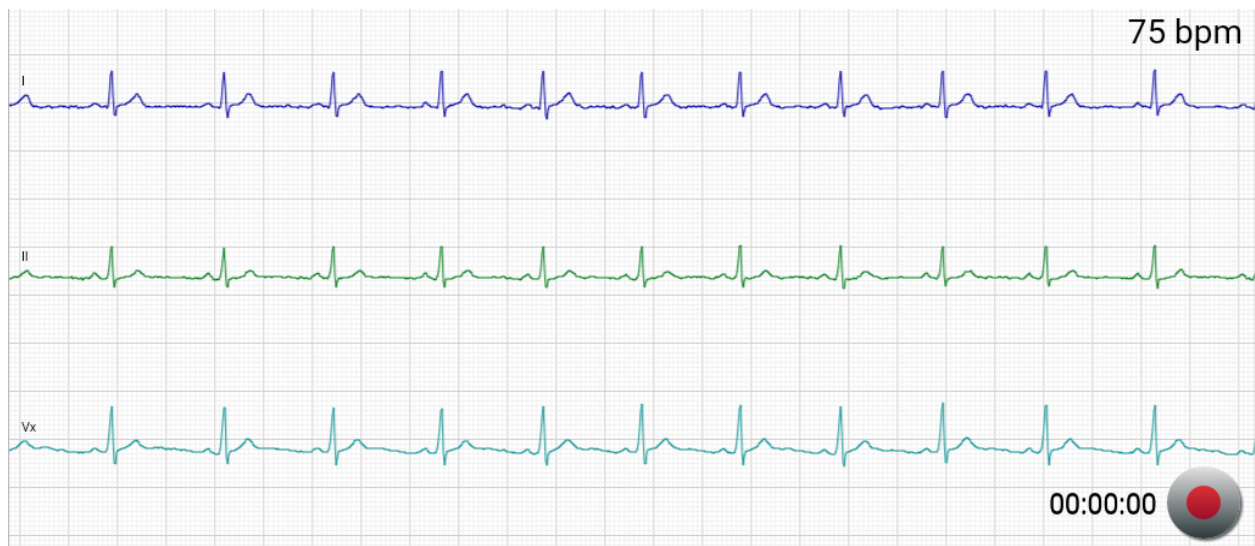
Clicking on “Start live monitor” will go into monitoring mode where you can see the ECG waves.

Start/Stop recording

After verifying that the ECG waves look ok you can start recording by pressing on the red record button at the bottom right corner of the viewer.

Pressing on that button will start the ECG recording, the button will change into a rectangular stop button and a timer with the study duration will appear.

Clicking on the stop button will stop the recording and upload the study to the cloud.



notice the study will only upload to the cloud in case there is an internet connection. If you're offline then the study will upload to the cloud as soon as you go online.

Offline records

Every study is saved locally on the tablet. You can see all the previous studies by going to the main screen and selecting “Main Menu > Records” in the top left corner.

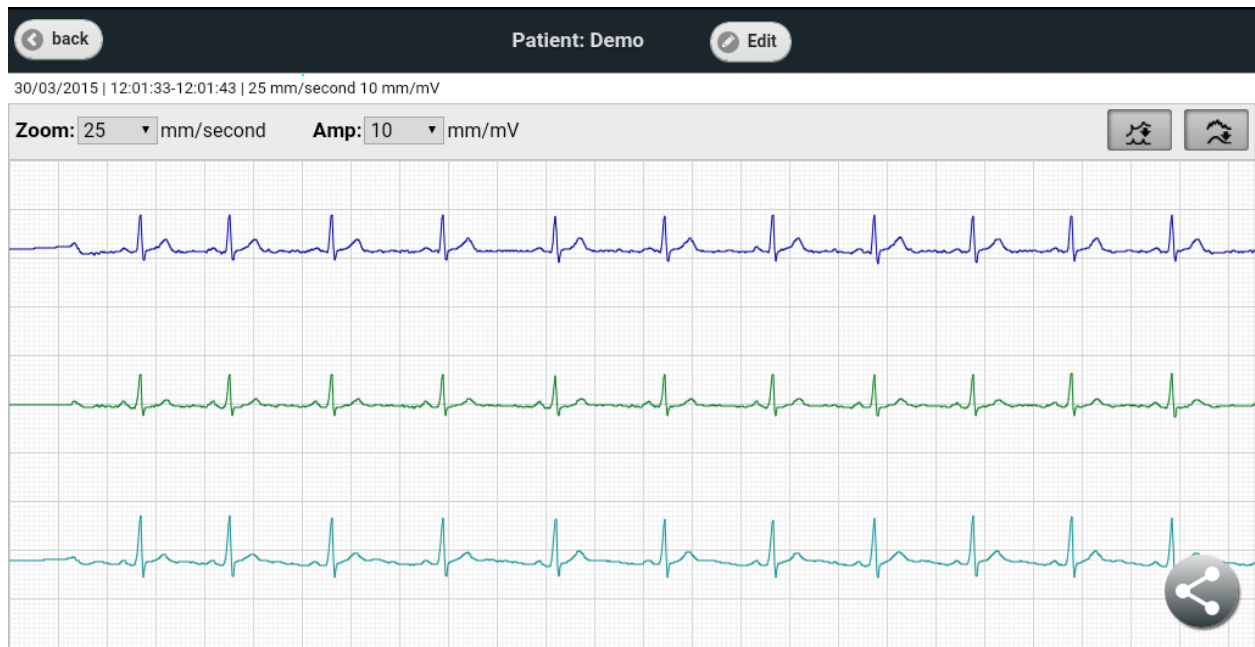
 back		Records	
Demo March 30, 2015		Unspecified, 82 Kg, 185 cm 12:01	
Demo March 30, 2015		Unspecified, 82 Kg, 185 cm 12:01	
Demo March 30, 2015		Unspecified, 82 Kg, 185 cm 12:01	
Demo March 30, 2015		Unspecified, 82 Kg, 185 cm 12:01	

Clicking on an individual study will open it in an offline viewer on the tablet.

Offline viewer

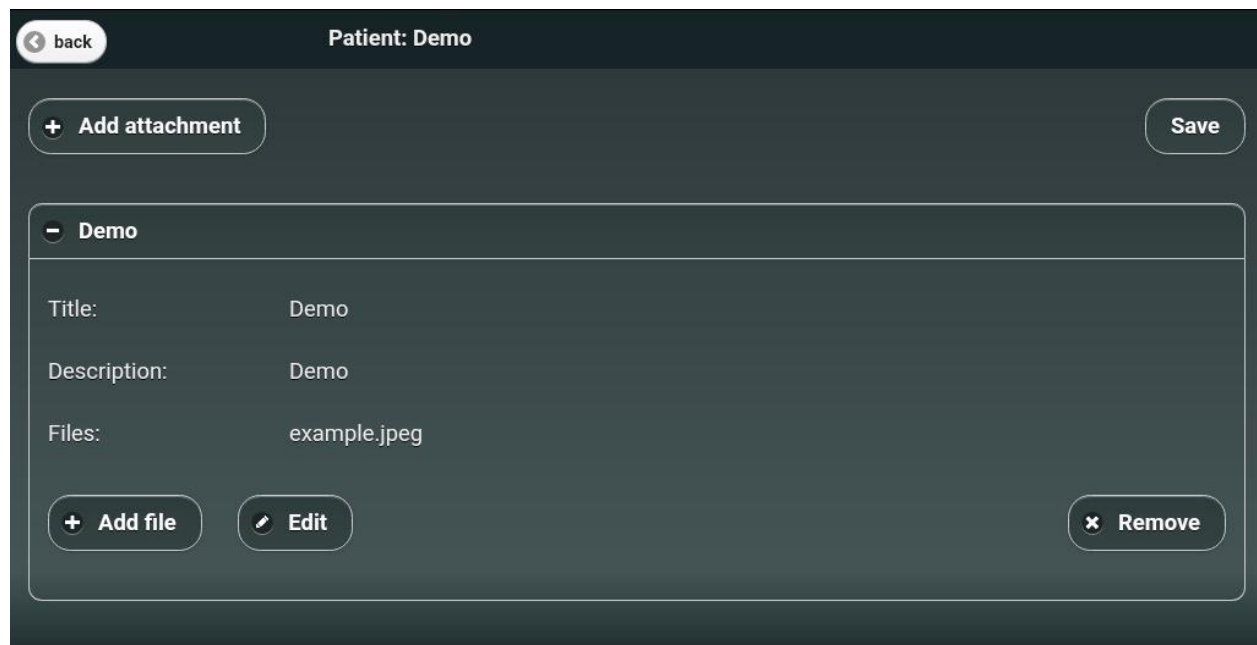
The offline viewer enables you to see local studies.

You can swipe to move forward/backward, change the zoom and amplitude and view the study locally on the tablet.



Attachments

You can add attachments to a new study or to an existing one. To add attachments go to “Main Menu > Attachments” then choose if you want to add it to a new study, an existing one or to the last study.



The screenshot shows a mobile application interface for managing attachments. At the top, there is a dark header bar with a "back" button on the left and "Patient: Demo" in the center. Below the header, there is a main content area with a dark background. At the top of this area, there is a "+ Add attachment" button on the left and a "Save" button on the right. Below these buttons, there is a section titled "Demo" with a minus sign icon. Inside this section, there are three rows of text: "Title: Demo", "Description: Demo", and "Files: example.jpeg". At the bottom of this section, there are three buttons: "+ Add file" on the left, "Edit" in the center, and "x Remove" on the right.

- “Add attachment” - add a new attachment
- “Edit” - change the name or the title
- “Add file” - add more files to the same attachment
- “Remove” - remove an attachment
- “Save” - save and upload the attachments

Advanced features

Update the application

You can check for new application updates by going to “Main Menu > Settings > Check for updates” and click on “Check”.

Edit patient

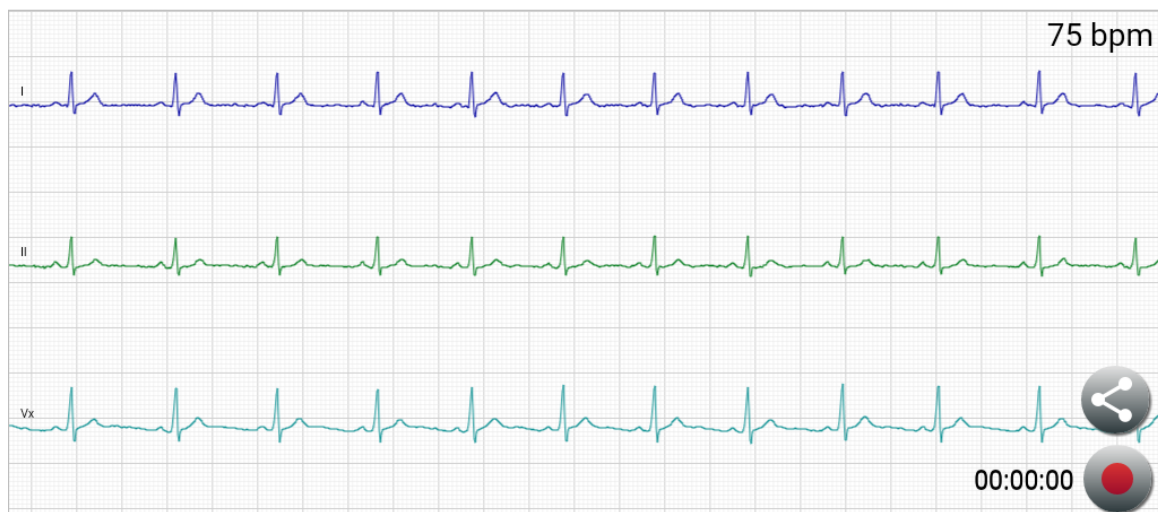
In order to edit the patient details on a study that you already recorded:

1. Go to the records tab (See “[Offline records](#)” section)
2. Press for a few seconds on the study that you want to share
3. A popup menu will appear, choose “Edit patient”
4. Edit the patient details and press “Ok”
5. The new patient details will automatically sync with the cloud

Streaming

In order to stream ECG in real-time:

1. Go to Main Menu > Settings > Advanced
2. Turn on “Remote monitoring”
3. Start monitoring (See “[Start monitoring](#)” section)
4. Click on the “Share” icon in the bottom right corner of the viewer
5. Choose sharing method (e.g. email)
6. A link for live ECG session will be shared, using this link the doctor can view the ECG session in real-time



Automatic mode

Automatic mode allows you to record a specific time period with one click. In order to enable it:

1. Go to Main Menu > Settings > ECG
2. Turn on "Enable ECG automatic mode"
3. The default recording duration is 90 seconds, you can change that under "Automatic recording duration"

After enabling the automatic mode, clicking on "Start live monitor" will automatically start the recording for the defined time period.

Troubleshooting

A red light on the device

The device is malfunctioning, please report to info@beecardia.com.

Studies are not uploaded to the cloud

1. Please make sure your tablet is connected to the internet
2. Please make sure the tablet clock settings are correct - the tablet should show the correct time and have the correct time zone configured (you can check it in the tablet settings).
3. If you're behind a firewall, please contact your IT and ask to allow our servers:
clinic.beecardia.com - port 443, beta.beecardia.com - port 443 and s3.amazonaws.com - ports 80 and 443

Very noisy signal

Please wet all of the clips' contact sites and the patient body at the places where you connect the electrodes with a conductive agent.

Issues while monitoring

If you're experiencing issues while in monitoring mode, such as white screen or traces overlaps then please go to "Main Menu > Settings > Advanced > Enable GPU" and change the current settings (from on to off or the other way around).

After doing that the application will close itself and the new setting will take effect after you relaunch the application.

How to report an issue

If you run into an issue, please report it back to us as it will help us fix it and improve the product.

In order to report an issue:

1. Click on Main Menu > Report an issue
2. Fill the issue description
3. If you know when the issue occurred please fill the time
4. Click the OK button
5. Choose the email sharing method
6. Send the email