

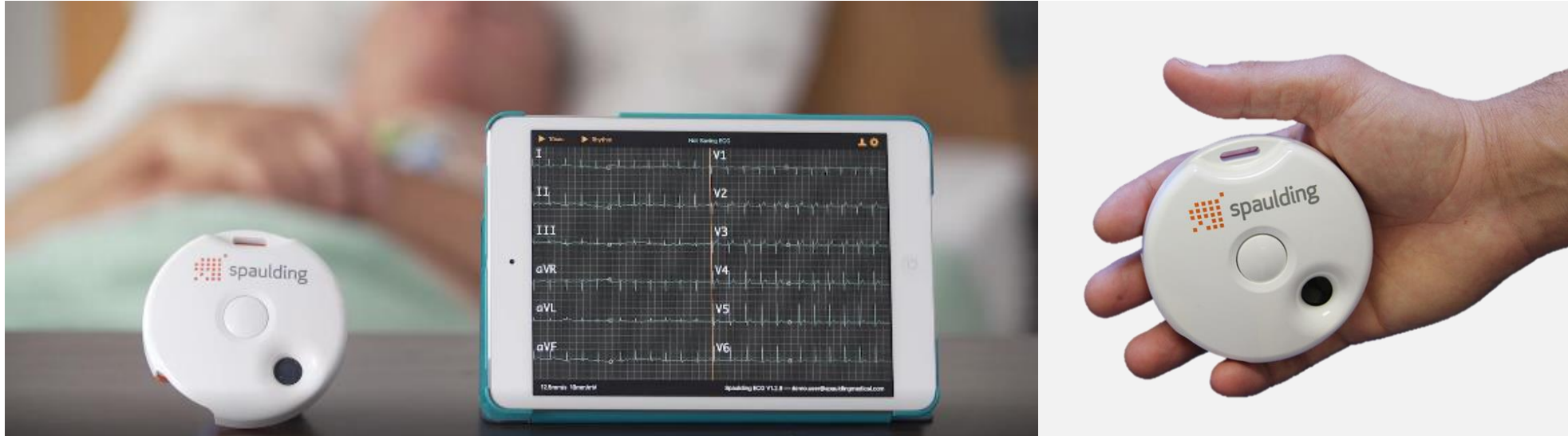


Quality Cardiac Care for Anyone, Anywhere.

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Spaulding Medical ECG Solution



Unlimited ECG's in the palm of your hand.

- Our innovative 12-lead ECG system is integrated with your existing technology to make care and treatment decisions easier and faster.
- All you need is the Spaulding Medical ECG and any mobile device (with Bluetooth)

The Four Building Blocks of the Spaulding Medical Solution

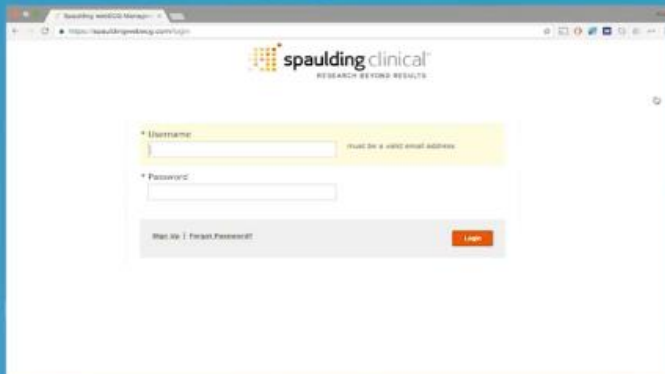
Device



Applications



WebECG



Reader Services



The Spaulding ECG

- 3-4 hour continuous use battery life
- FDA Cleared and CE Approved
- Wirelessly streams 12 lead ECG
- Any iOS, Android or Windows Device



Paring the ECG to an iOS / Apple Device



1. Download the mobile app from the Apple App Store

- Visit <https://itunes.apple.com/us/app/spaulding-ecg/id919556580?mt=8> and download the iOS app to your device

2. Pair the mobile device with the Spaulding Medical ECG

- Go to the settings icon of your iOS device and activate the Bluetooth signal. Now, press and hold the middle button on the Spaulding device until you see the letter P in order to blue tooth pair the device with the tablet.
- You will see the serial number of the device appear on your Bluetooth list. Click the Spaulding device on your Bluetooth list.
- Once you see the letter P with a dot next to it “P.” you will know the pairing has been successful. You will also see “connected” listed next to the Spaulding device on your Bluetooth list.
- Once the pairing has been established, you will no longer have to pair the devices again. Please note that a Bluetooth connection between the Spaulding device and the device is a 1 to 1 connection. You will not want two mobile devices synced with the Spaulding device competing for a Bluetooth signal.

3. Other useful information:

- Press and hold the button once to turn the device on and go into pairing mode
- Press the button quickly and you will see a number 1 – 9 which indicates battery life. 9 indicates that the device is fully charged.
- Press and hold the button to turn off the device. You will want to keep the device off when not in use in order to preserve the battery in between uses.
- To charge the device, plug the usb cable into the usb port and plug into your computer or wall charger.
- The patient cable connects in the large port. You will want to connect electrodes to the patient cable before you place the electrodes on the patient and plug into the device.

Paring the ECG to an Android Device



1. Download the mobile app from the Google Play Site

- Visit <https://play.google.com/store/apps/details?id=com.spauldingclinical.iq> on your device and install the mobile app.

2. Pair the mobile device with the Spaulding Medical ECG

- Go to the settings icon of your Android device and activate the Bluetooth signal. Now, press and hold the middle button until you see the letter P in order to blue tooth pair the device with the device.
- You will see the serial number of the device appear on your Bluetooth list. Click the Spaulding device on your Bluetooth list.
- Once you see the letter P with a dot next to it “P.” you will know the pairing has been successful. You will also see “connected” listed next to the Spaulding device on your Bluetooth list.
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- To charge the device, plug the usb cable into the usb port and plug into your computer or wall charger.
- The patient cable connects in the large port. You will want to connect electrodes to the patient cable before you place the electrodes on the patient and plug into the device.

Paring the ECG to a MS Windows Device



1. Download the mobile app from the Spaulding Site

- Visit www.spauldingmedical.com/ on your device and install the Microsoft Windows app.

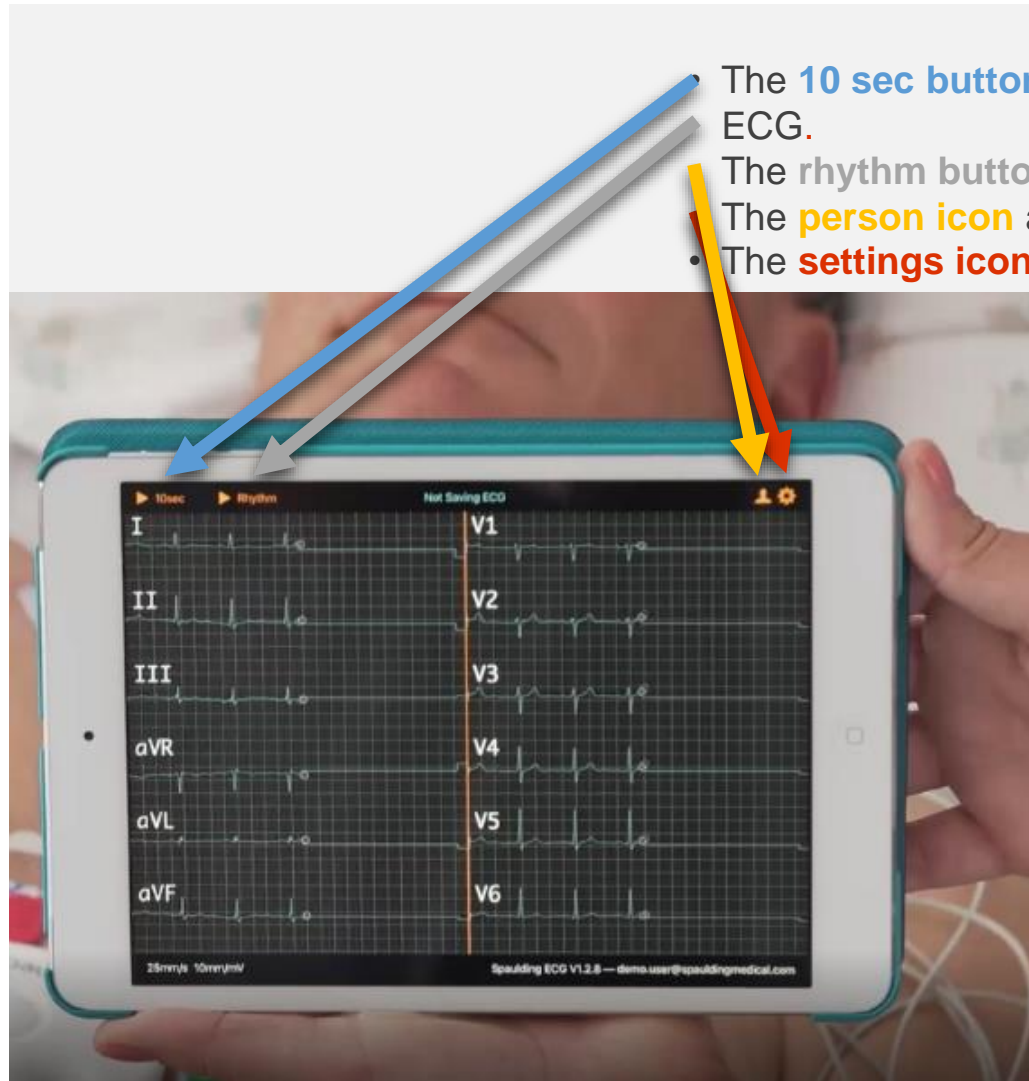
2. Pair the mobile device with the Spaulding Medical ECG

- Go to the settings icon of your Windows device and activate the Bluetooth signal. Now, press and hold the middle button until you see the letter P in order to blue tooth pair the device with the device.
- You will see the serial number of the device appear on your Bluetooth list. Click the Spaulding device on your Bluetooth list.
- Once you see the letter P with a dot next to it “P.” you will know the pairing has been successful. You will also see “connected” listed next to the Spaulding device on your Bluetooth list.
- Once the pairing has been established, you will no longer have to pair the devices again. Please note that a Bluetooth connection between the Spaulding device and the tablet is a 1 to 1 connection. You will not want two mobile devices synced with the Spaulding device competing for a Bluetooth signal.

3. Other useful information:

- Press and hold the button once to turn the device on and go into pairing mode
- Press the button quickly and you will see a number 1 – 9 which indicates battery life. 9 indicates that the device is fully charged.
- Press and hold the button to turn off the device. You will want to keep the device off when not in use in order to preserve the battery in between uses.
- To charge the device, plug the usb cable into the usb port and plug into your computer or wall charger.
- The patient cable connects in the large port. You will want to connect electrodes to the patient cable before you place the electrodes on the patient and plug into the device.

Using the Spaulding Mobile Application



The **10 sec button** allows you to record and capture 10 secs of an ECG.

The **rhythm button** allows you to record up to 5 minutes of an ECG.

The **person icon** allows you to enter the patient demographics

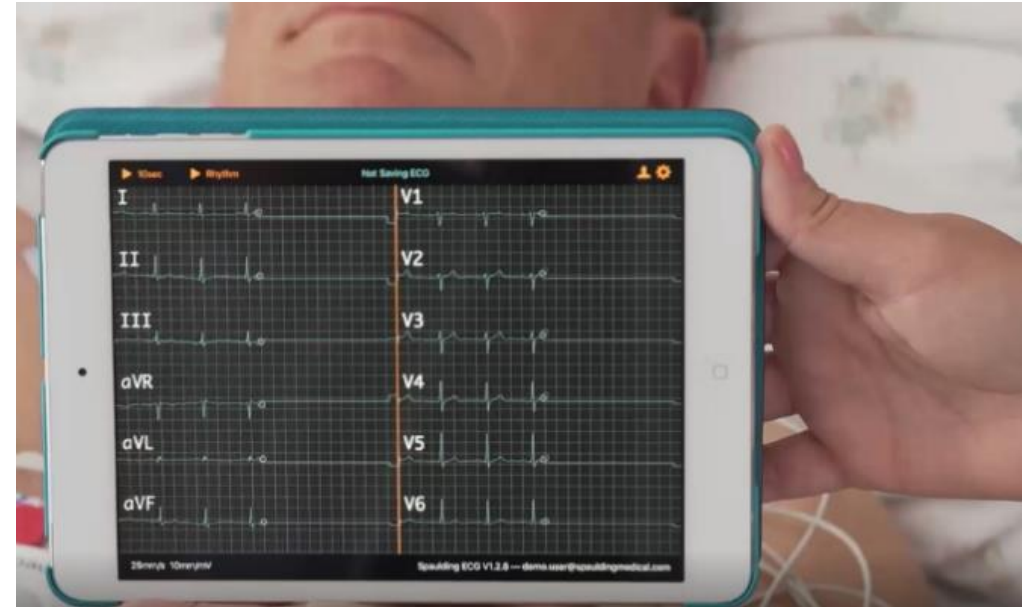
- The **settings icon** allows you to adjust the display on your screen

- Enter Credentials
- Send Push Notifications – we suggest allowing this
- The application is what allows you to stream the 12-lead ECG to your mobile device. The user interface is extremely simple in that you are able to stream the ECG, record, and enter patient demographics.

Recording an ECG

Once you are receiving a 12 lead ECG on your device...

- Press the 10 sec button. The app will always record the previous 5 seconds and the next 5.
- Once the 10 seconds is up, you will either delete or view the ECG. Click view to continue.
- Once you view the ECG, you will now be prompted to enter the patient demographic information.
 - This information will either be populated ahead of time through the WebECG software, or you can simply enter it when you are with the patient.
 - The demographic information is customizable, but at a minimum you will need to record gender and date of birth in order for the algorithm to provide an analysis on the ECG.
- Make sure to select done in order to complete the demographic entry.
- Then click save.



Enter Patient Demographic Information



Analyzing an ECG

- When an ECG is saved, the ECG is sent to the Spaulding cloud for analysis and interpretation. No ECG data is stored on the device.
- You will see an icon appear that says “awaiting ECG report.” This is also the moment at which your automated workflow is being enacted (having the ECG sent to a fax or email address for example).
- Now you will see the report on your mobile device. In the upper left hand corner you will see the demographic information and in the upper right hand corner you will find the unconfirmed ECG interpretation.
- At this point you can go back to take another ECG or move on to further workflow.



Spaulding Web ECG

- The webECG software is available via a standard internet connection. Simply connect to your browser and go to www.spauldingwebecg.com to log in to your account.
 - You will utilize the same username and password credentials you used to log into your client application.
 - Once you are logged in, you can select the “search” button is a simple way to pull up all the ECG’s for your facility.
-
- Scroll down until you locate the ECG you just acquired.
 - View the ECG
 - You may also enter in a patient order in webECG.
 - Depending on your credentials, you can change the configuration or establish workflow in webECG. For example, the Director of Nursing and the Financial team could receive notice when an ECG has been taken.



The login form features two input fields: a yellow-highlighted 'Username' field with a placeholder text 'must be a valid email address' and a 'Password' field. Below these fields is a grey bar containing the links 'Sign Up' and 'Forgot Password?'. A red 'Login' button is positioned to the right of the password field.



This section contains two input fields. The first is labeled 'Name' and has 'Demo Site' entered. The second is labeled 'Investigator site name' and is currently empty.

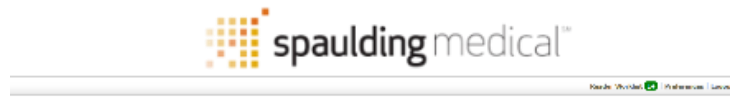
This section contains two input fields. The first is labeled 'Subject' and has 'Unconfirmed ECG' entered. The second is labeled 'email message subject' and is currently empty.

This section contains a large text area labeled 'Email Body' with the placeholder text 'Please see attached. (optional)'. To the right of the text area is a small checkbox labeled 'message included when PDF is sent'.

This section contains a text area labeled 'Email Addresses' with the placeholder text 'email address@spauldingmedical.com'.



Reading an ECG



After logging in, you should see any ECGs which have been assigned to you.



For most reads, the WEBECG website viewer will provide cardiologists the opportunity to confirm a read. It will look like this.



If more detail is needed in a read, the Physicians Toolkit is available.



Once the application is installed, it will add a shortcut to your desktop. Click to open.



Doubleclick on the ECG you would like to read and three windows will open.

- The ECG view (left middle in image below)
- The CalECG Tool (on right below in image below)
- The Physician Toolkit (on top in image below)

Questions?



Thank you!

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