

Using the AliveCor's Kardia™ Mobile ECG

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The device



Benefits

- The reading of ECG is programmed to detect cases of Atrial Fibrillation
- Its use is simple. All you have to do is download the App Kardia AliveCor
- The device is compatible with all the following tablets and smartphones: **iPhone 7 Plus** (iOS 10.0.2), **iPhone 7** (iOS 10.0.2), **iPhone 6 Plus / 6s Plus** (iOS 10.0.2), **iPhone 6 / 6s** (iOS 10.0.2), **iPhone SE** (iOS 10.0.2), **iPhone 5 / 5s / 5c** (iOS 10.0.2), **iPhone 4s** (iOS 9.3.5), **iPod Touch 5G** (iOS 9.3.5), **iPad Air / Air 2** (iOS 9.3.5), **iPad Mini** (iOS 9.3.5), **iPad Mini 2 / 3** (iOS 10.0.2), **Samsung Galaxy S3** (Android 4.3), **Samsung Galaxy S4** (Android 5.0.1), **Samsung Galaxy S5 / S6 / S7** (Android 6.0.1), **Samsung Note 3** (Android 5.0), **Samsung Note 5** (Android 6.0.1), **Samsung Galaxy J1** (Android 5.1.1), **LG Nexus 5** (Android 6.0.1), **HTC One M7** (Android 4.3), **Jitterbug Touch 3** (Android 4.3), **Google Pixel** (Android 7.1.1), **Google Pixel XL** (Android 7.1.1)

Benefits

- The device to use enables real time visualization of ECG recording and it is stored for future revision
- The device itself is simple to use, and may be placed at the back of the smartphone/tablet
- The reading is fast (programmed for 30 seconds, but may be changed)
- **High sensitivity and specificity.** The Cleaveland Clinic study indicates 100% sensitivity and 97% specificity to detect Atrial Fibrillation.

Information stored

- **It records the ECG and voice simultaneously**, so that the patient or carer may add relevant information, such as symptoms or previous medical history.
- If a different smartphone is used, records may still be assessed, by initiating the session at the app, so that there is no data loss

Warnings and restrictions

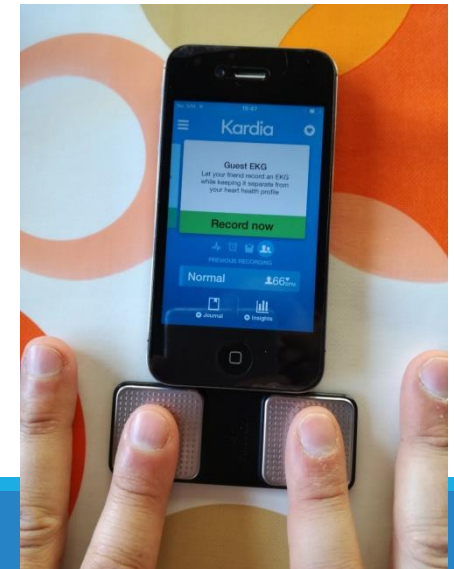
- This device is not suitable to provide a full diagnostic report.
- A physician should always be consulted to review the patient's clinical condition.
- Readings only refer to the cardiac rhythm and cardiac rate (beat).
- The use of AliveCor is not recommended in people carrying a pacemaker, cardiac defibrillators or other electronic implants**

Utilization

1. Download the app– check compatibility first
2. Login the app
3. Start the reading – keep the patient calm during the reading, in the below shown position:



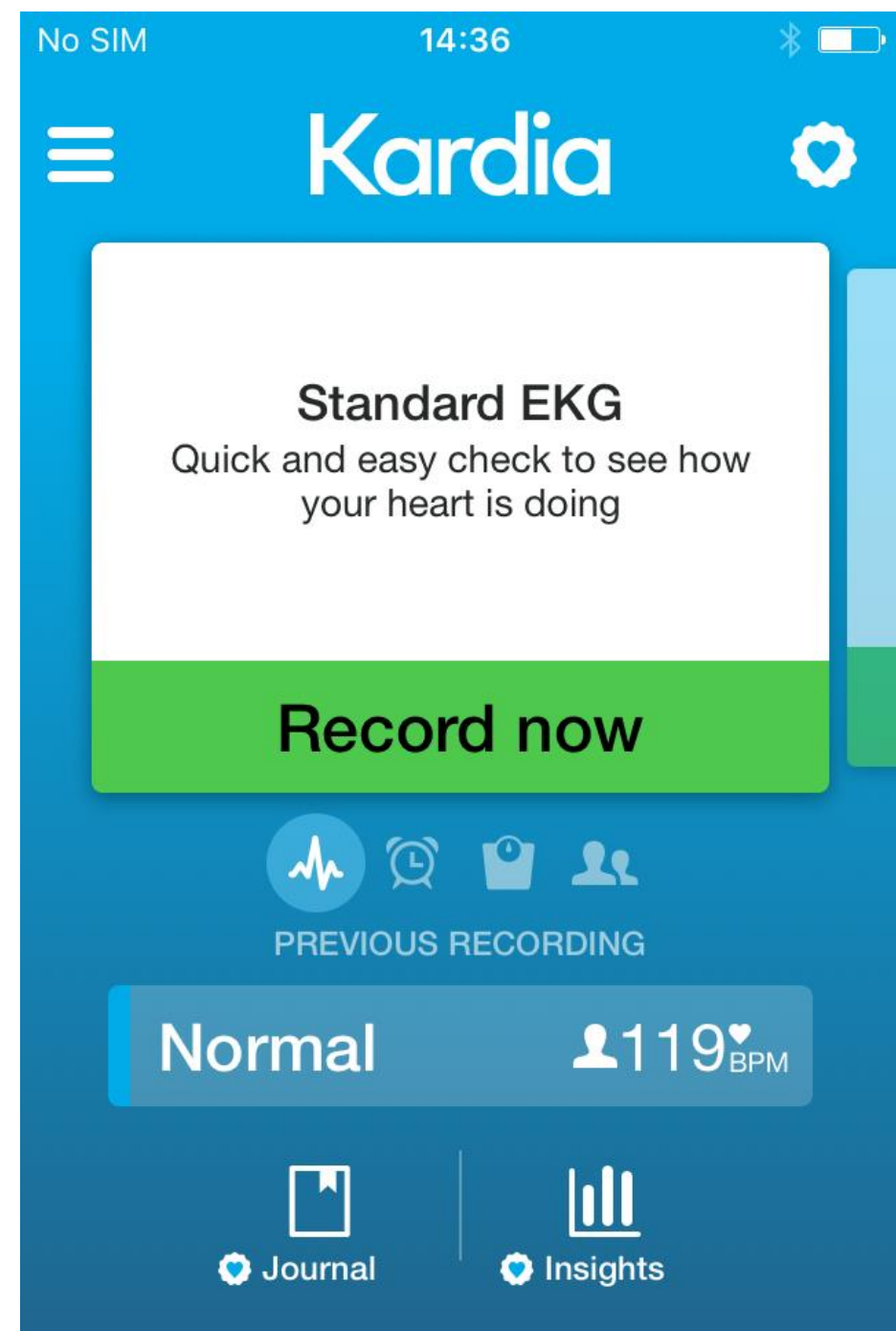
4. If the patient has resting hand shake, alternatively, you can detach the Kardia from the smartphone and place both at a table in a short distance, as shown:



Utilization

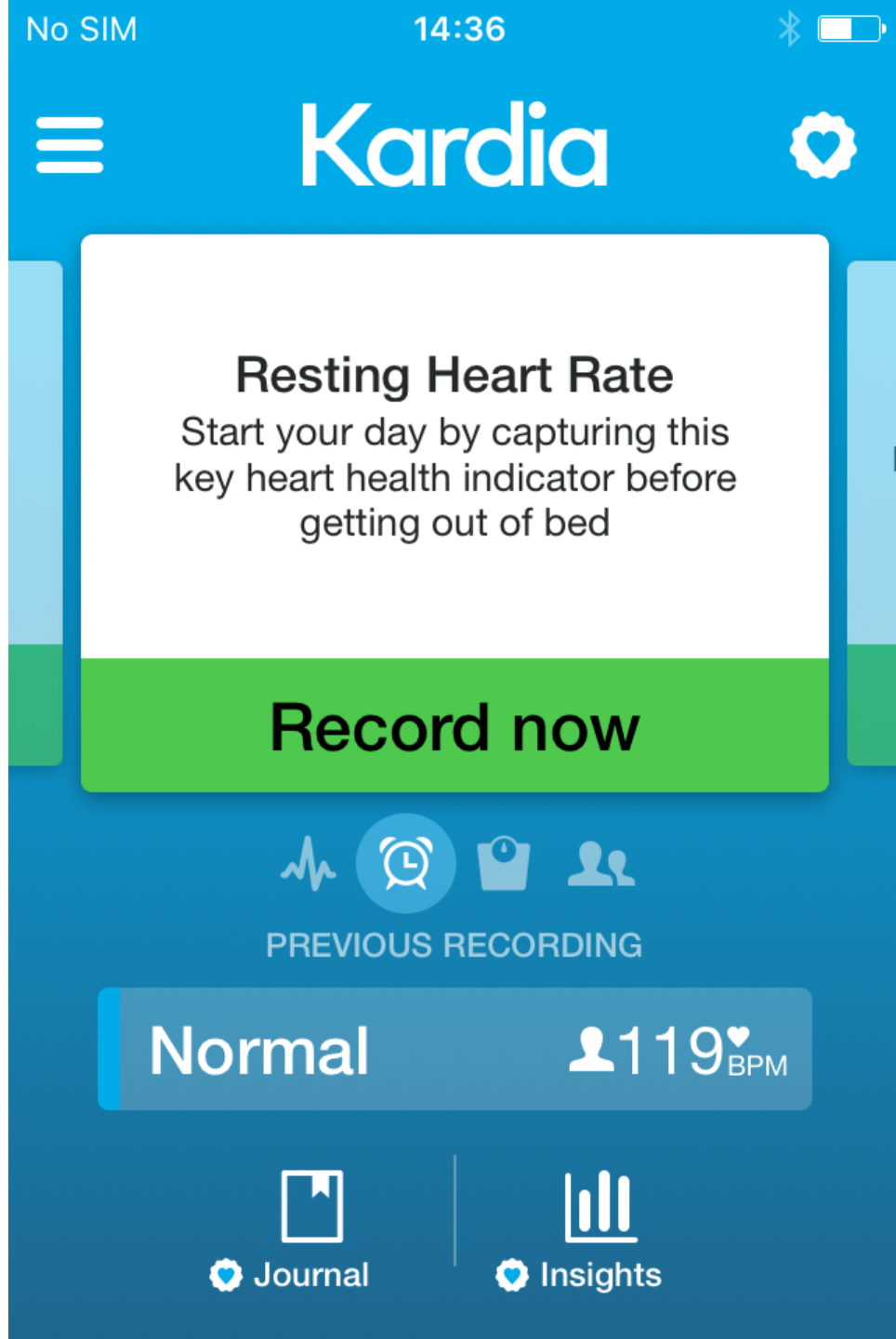
Initial screen

Shows you various reading formats



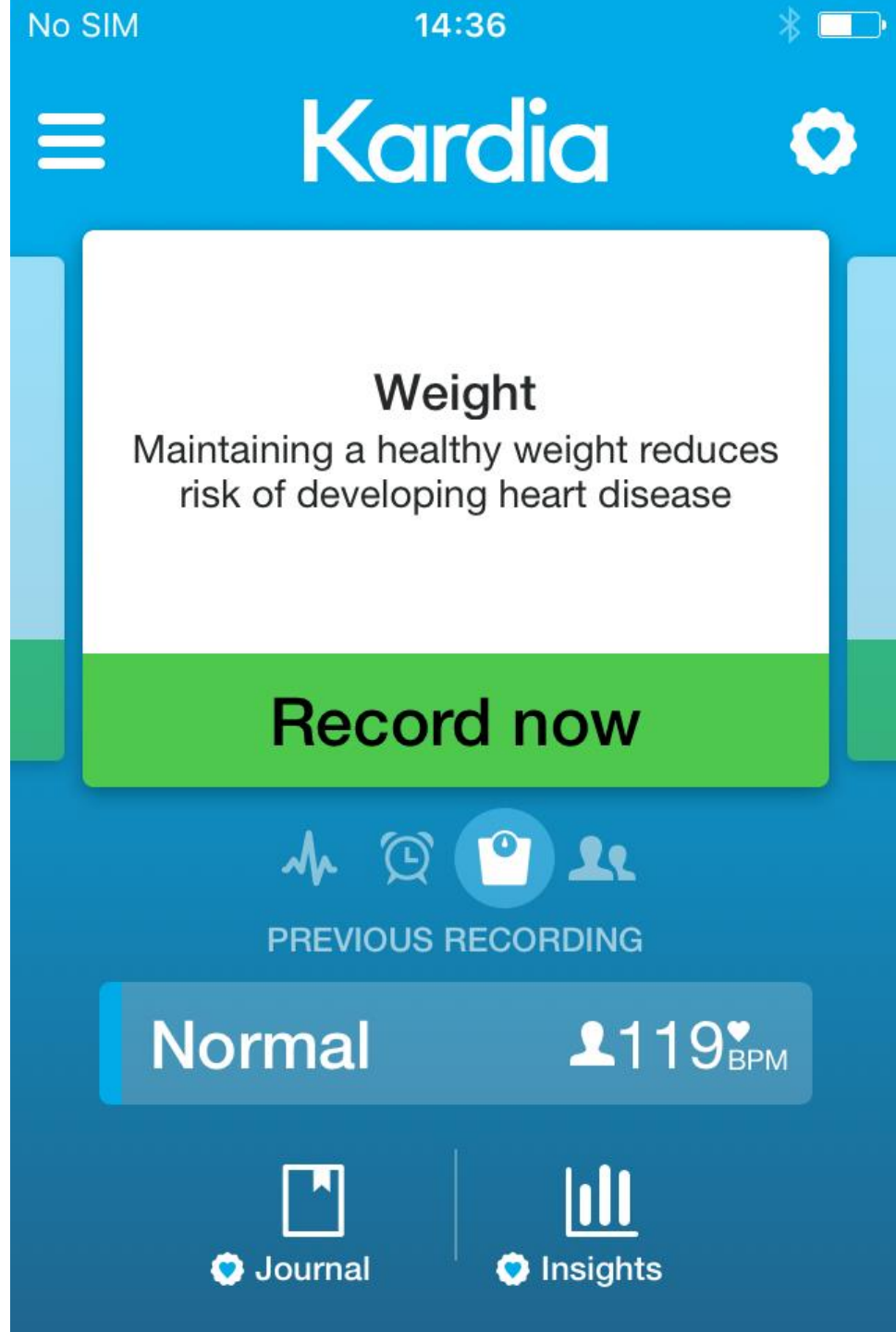
Utilization

Initial Screen



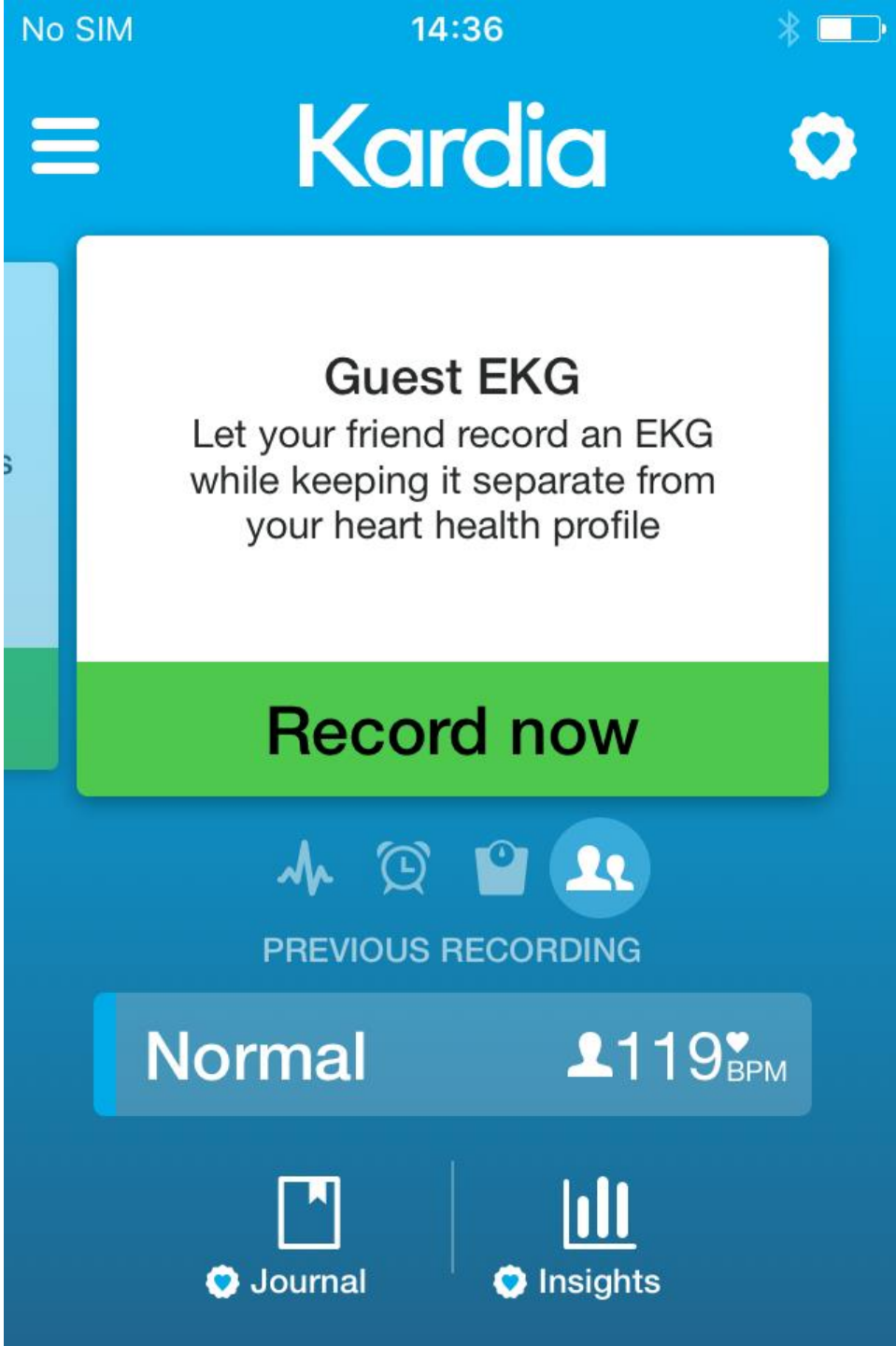
Utilization

Initial Screen



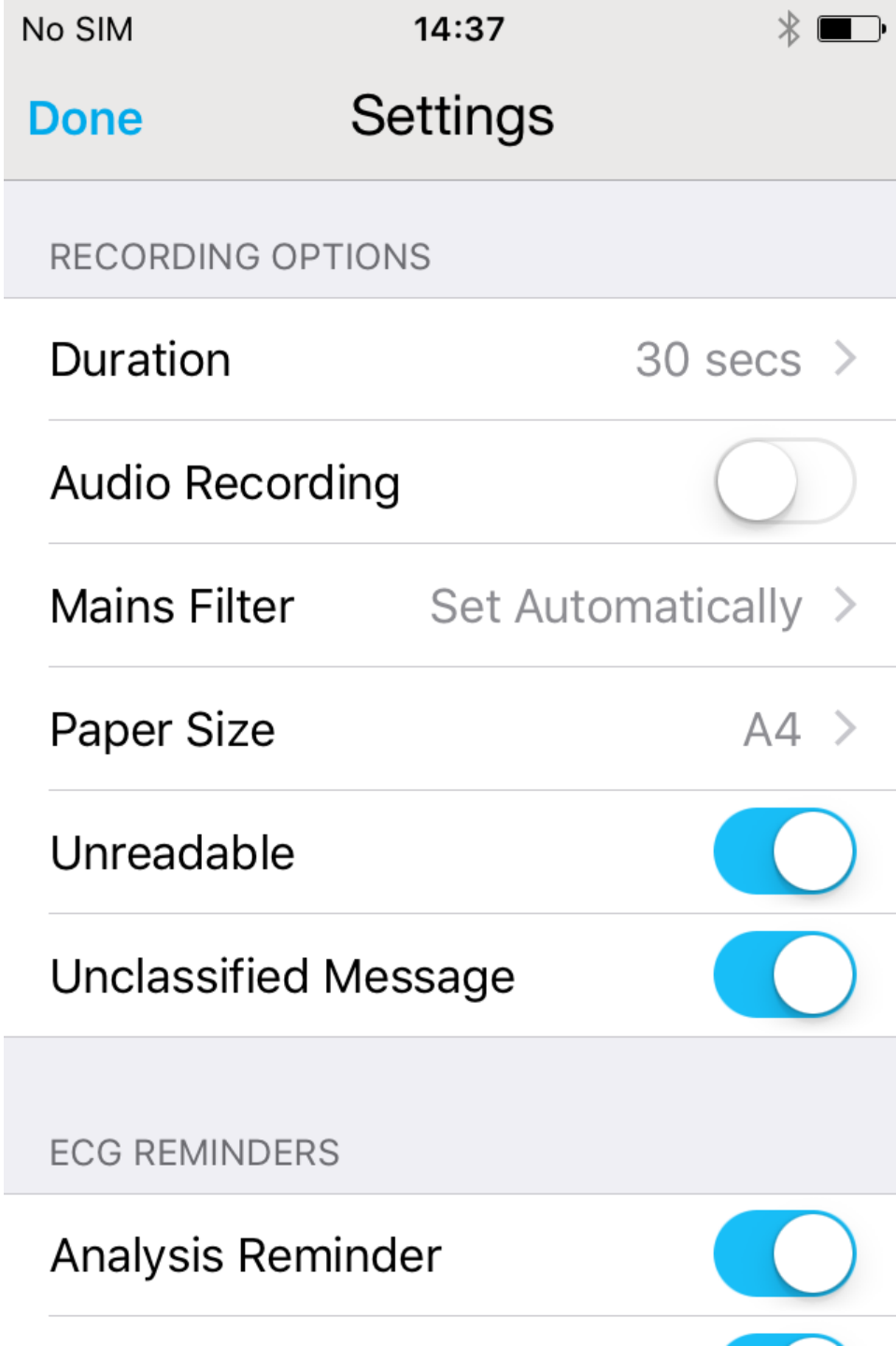
Utilization

Initial Screen



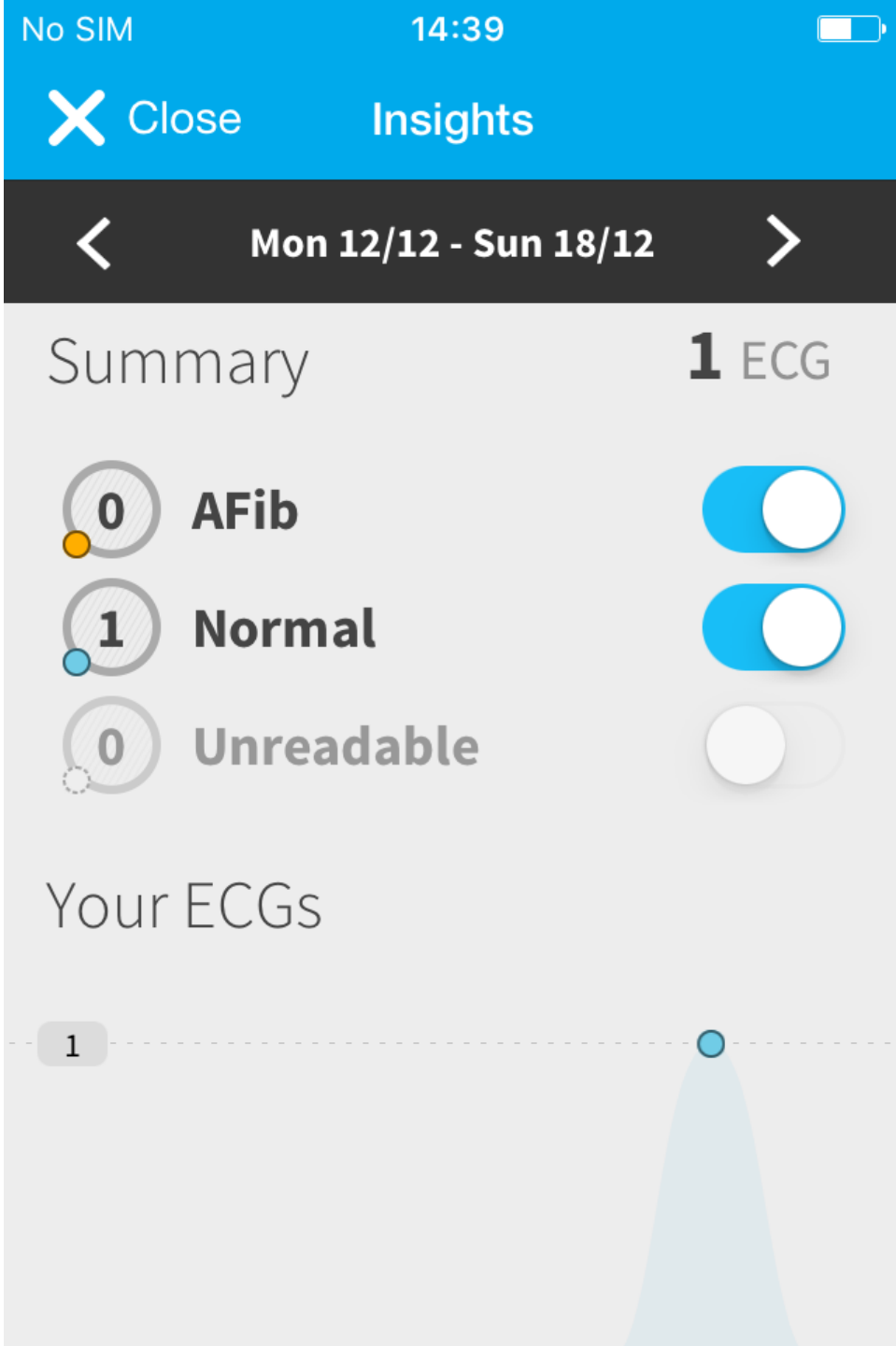
Utilization

Configuration



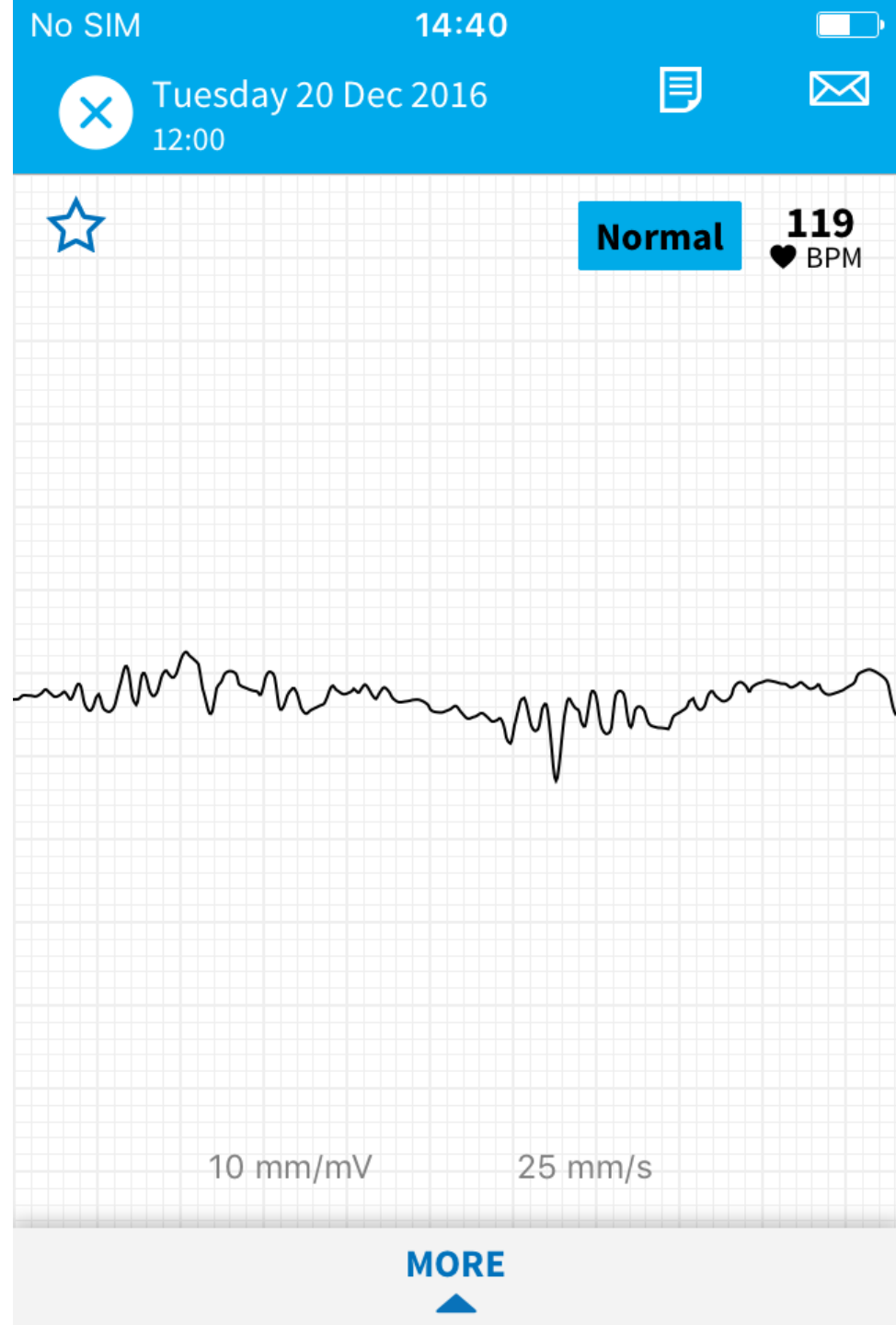
Utilization

Record
History



Utilization

ECG



Utilization

ECG

(to be sent to
physician)

To send this ECG for analysis, the following fields must be completed.

Patient First Name

PATIENT FIRST NAME

Patient Last Name

PATIENT LAST NAME

DATE OF BIRTH

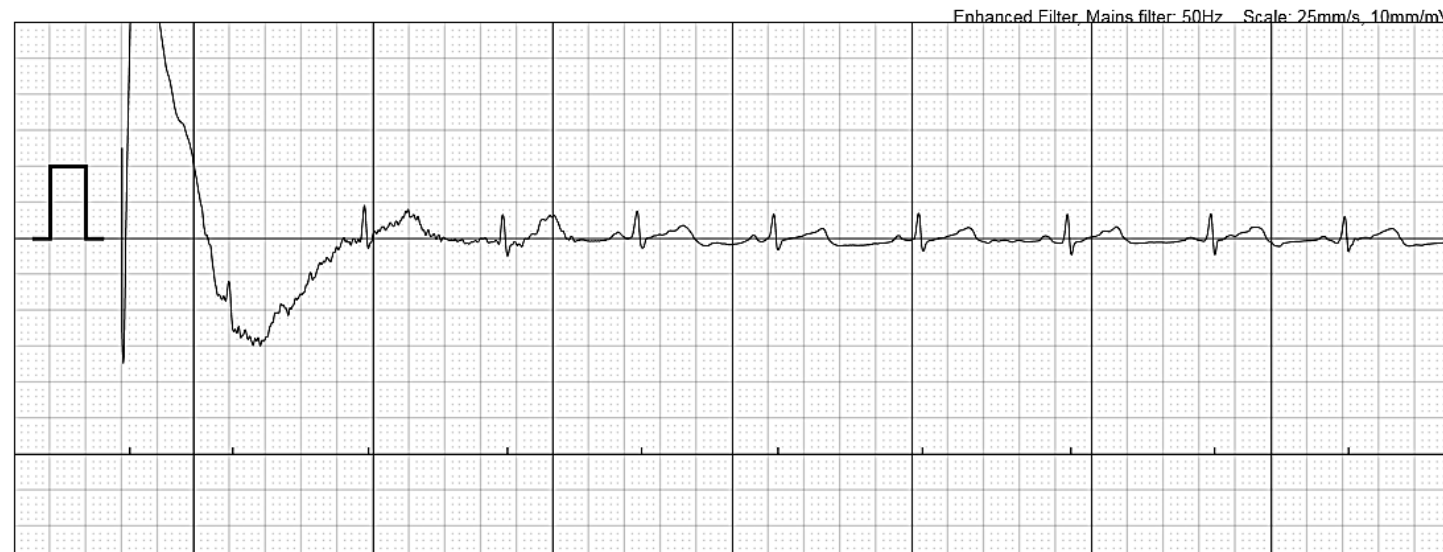
Male	Female
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GENDER

The reading in PDF format

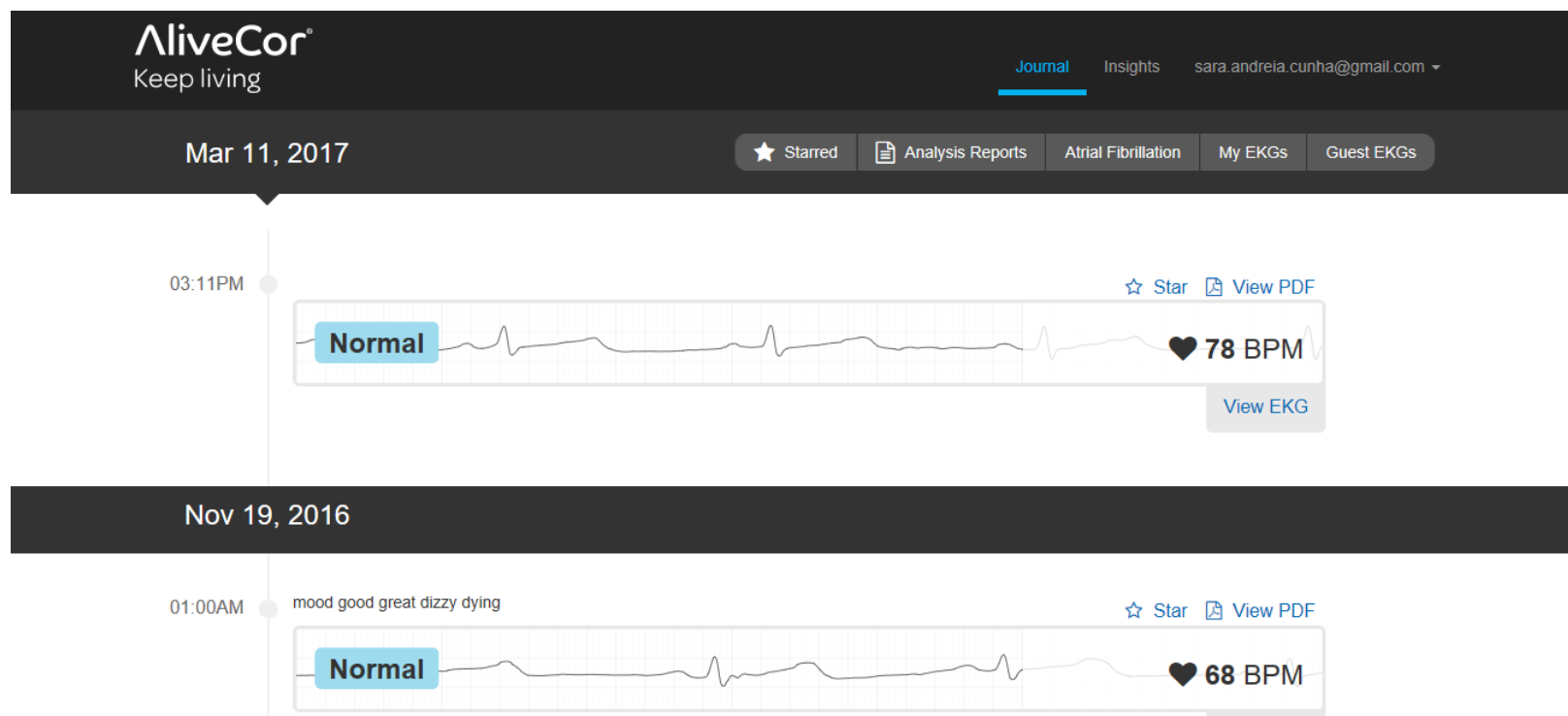
Patient: Sara Cunha, 30/05/1994 (22yrs) **Finding by** Normal
Recorded: Saturday, 11 March 2017 at 15:11:29 **Kardia:**
Heart Rate: 78 bpm **Duration:** 30s

Kardia



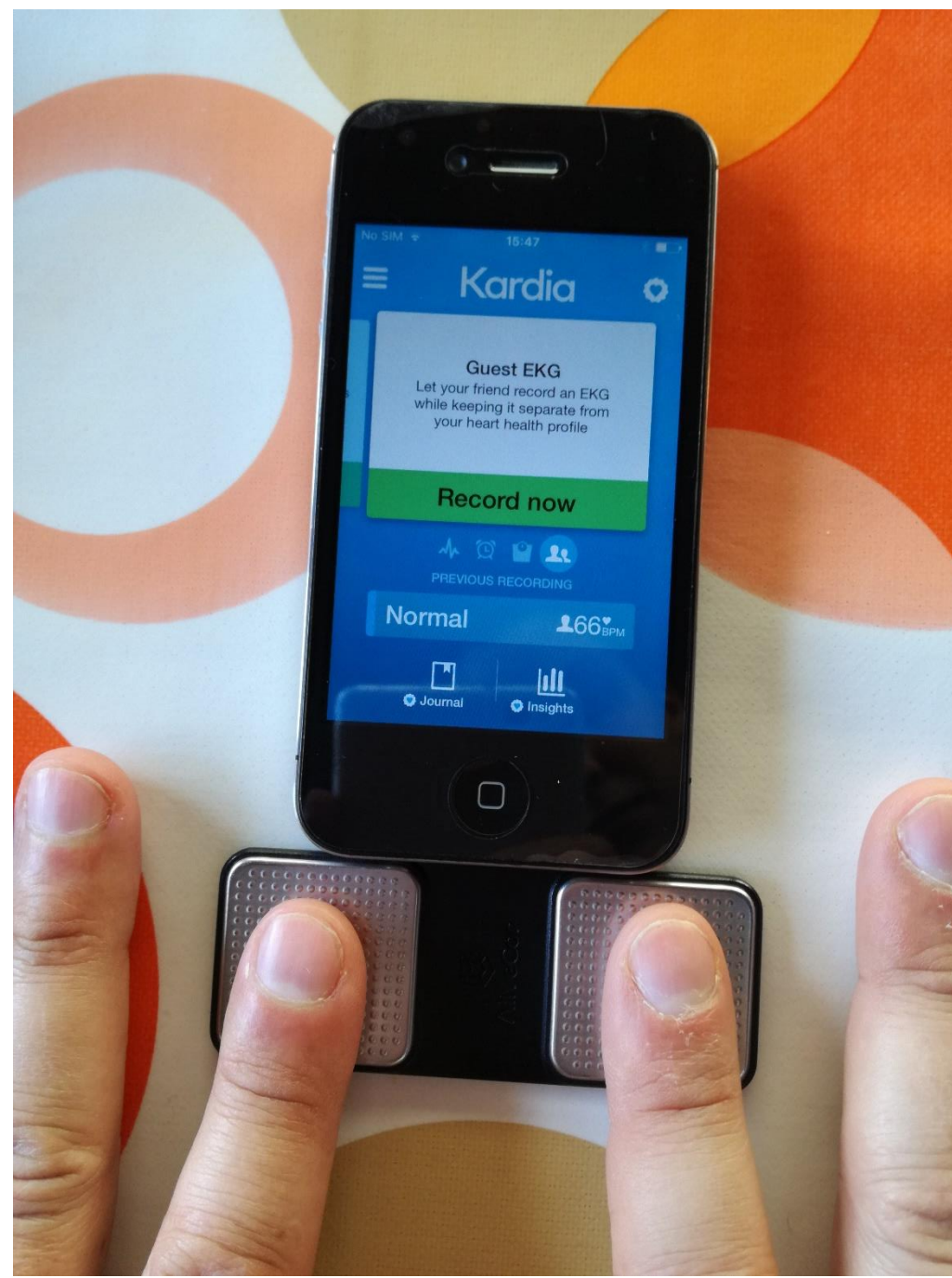
After reading

□ The reading may also be obtained online:



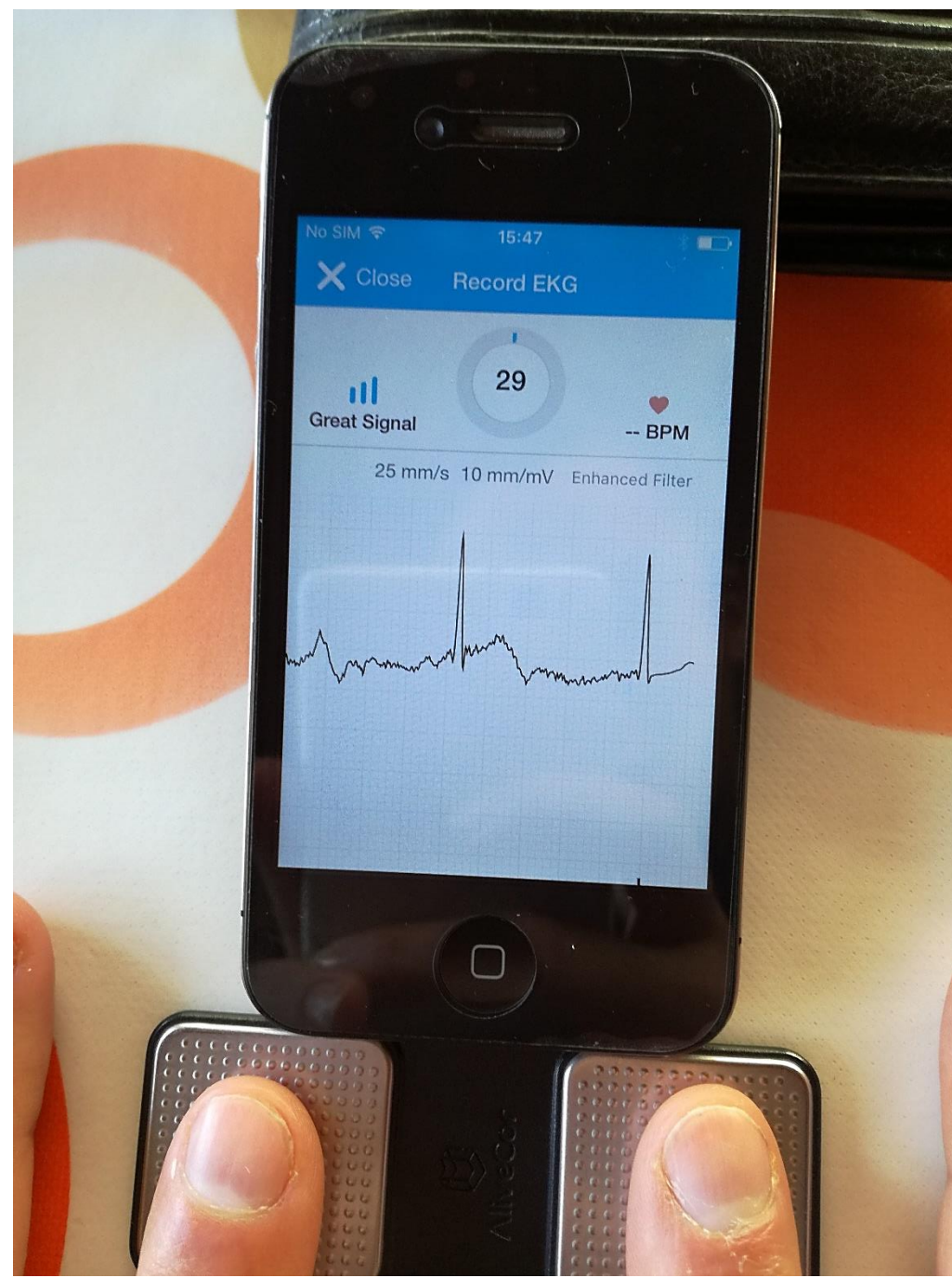
Example

JS, 50 years, no cardiac abnormalities



Example

JS, 50 years, no cardiac abnormalities



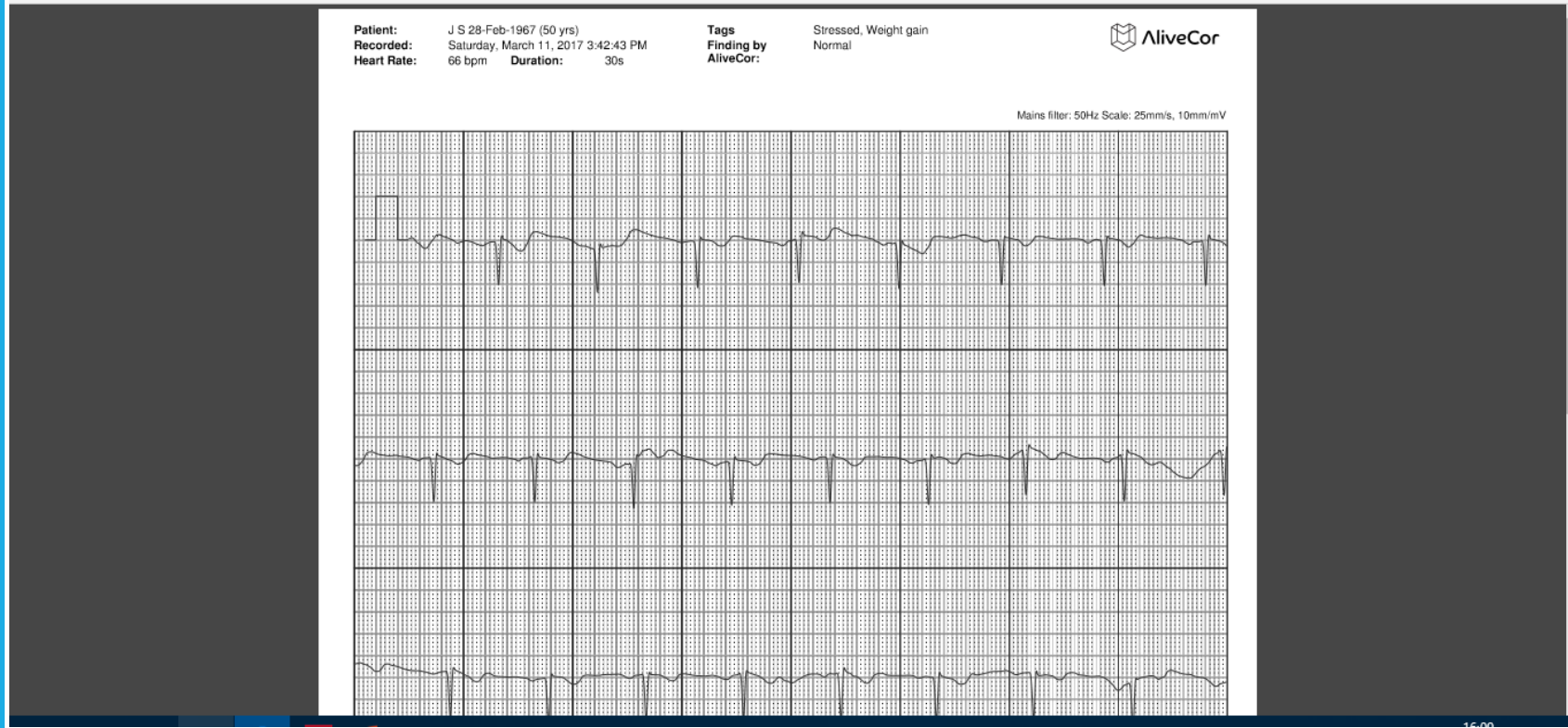
Example

JS, 50 years, no cardiac abnormalities

The screenshot displays the AliveCor mobile application interface. At the top, the logo "AliveCor" with the tagline "Keep living" is visible. The user's name "sara.andreia.cunha@gmail.com" and navigation options "Journal", "Insights", and "Guest EKGs" are shown. The date "Mar 11, 2017" is centered, with tabs for "Starred", "Analysis Reports", "Atrial Fibrillation", "My EKGs", and "Guest EKGs". A vertical timeline on the left shows a recording at "03:42PM" by user "JS". The recording notes "Weight gain, Stressed". The ECG waveform is displayed with a "Normal" label in a blue box and a heart rate of "66 BPM". A "View EKG" button is located below the waveform. At the bottom, there is a copyright notice: "© 2017 AliveCor, Inc. All Rights Reserved. US Patent Nos 8,301,232, 8,509,882 and Patents Pending. AliveCor is a registered trademark of AliveCor, Inc. in the United States and other countries." and social media icons for Twitter, Facebook, and YouTube.

Example

JS, 50 years, no cardiac abnormalities



Questions



Please use our contacts to clarify any questions you may come across when using the device