

User Manual

Portable ECG Monitor

(Model: CARDEA-3)



Humeds Health Technologies

**Follow the Humeds Health official account to
obtain more product information.**



■ Key functions of Humeds ECG detector



Humeds ECG has only one multi-function button (Switch and work indicator light) :

Power on: Press and hold the button for 1.5 seconds.

Shutdown: Hold down the key for 3 seconds.

 When the blue light flashes, the device is powered on, and the Bluetooth device is also enabled and is searching, paired, or connected to the mobile device.

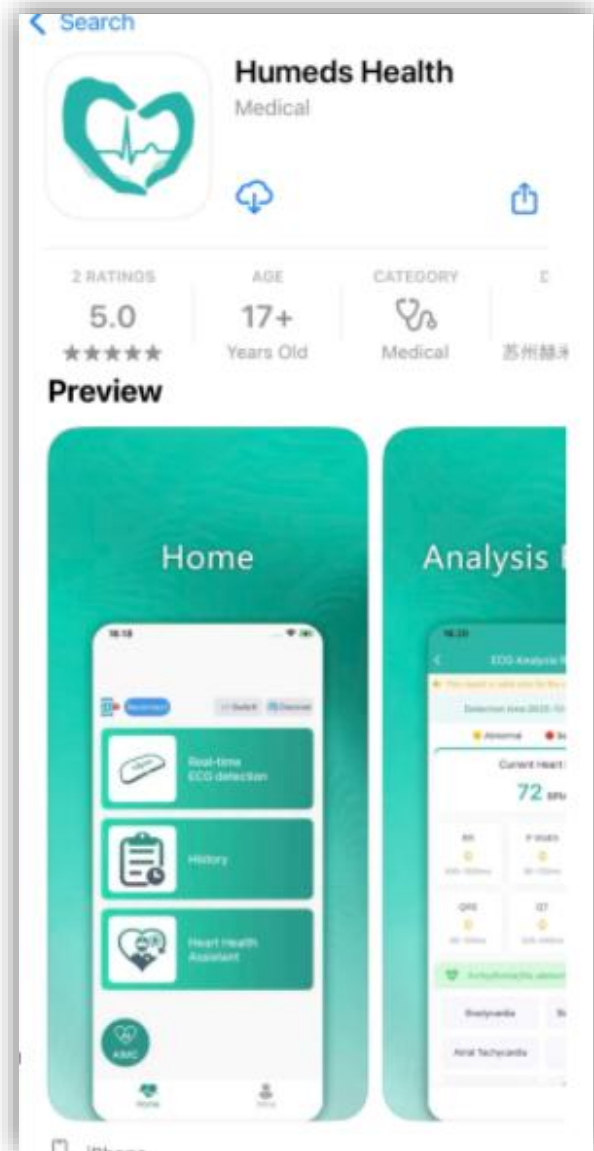
 When the yellow light flashes, the device is low on power and needs to be charged.

 When the green light is always on during charging, it indicates that the device has been charged. Please pull out the power adapter from the device.

■ Download, install and use the Humeds Health APP

For mobile phones of brands of Huawei, Xiaomi, Honor, Vivo, Oppo, the "Humeds Health" APP can be searched, downloaded and installed from the built-in App Store.

On the IOS system, search for "Humeds Health" in the App Store to download and install it.



For other brands of mobile phones, the Humeds Health APP can be downloaded by scanning the QR code or logging on to the website:

http://www.humeds.com.cn/app/humeds_epcg.apk

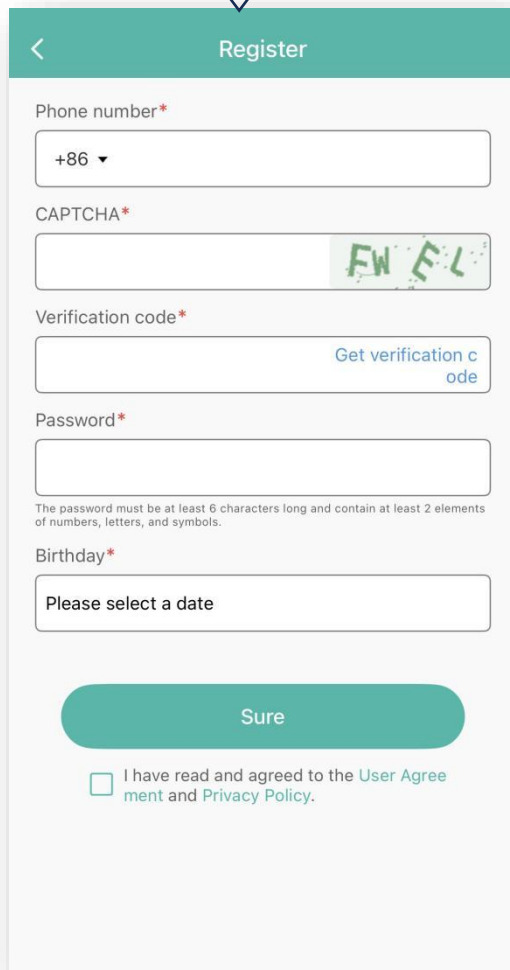


Humeds EPCG APK

■ Registration and login

Register an account

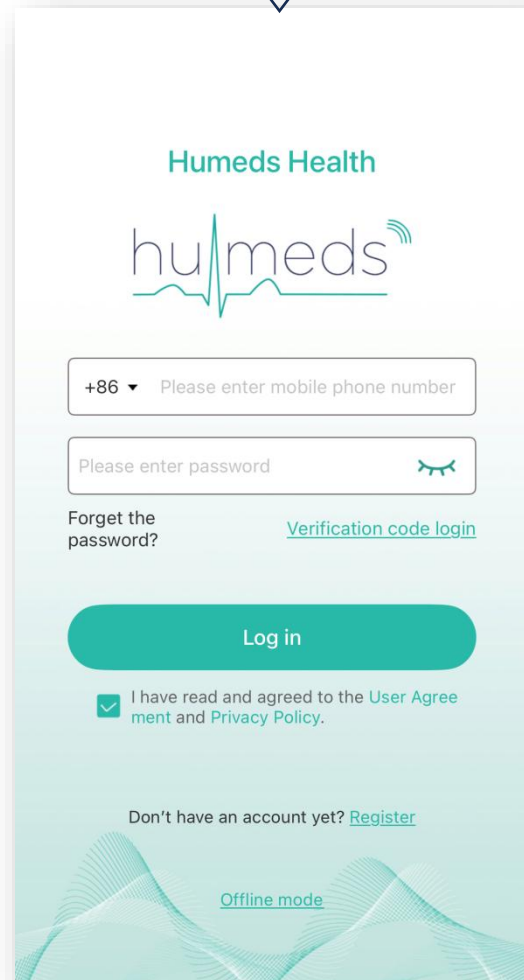
Enter the content as prompted.



The Register screen features a teal header with a back arrow and the title "Register". Below the header, there are several input fields: "Phone number*" with a dropdown menu showing "+86", "CAPTCHA*" with a green and white image, "Verification code*" with a "Get verification code" link, "Password*" with a note stating "The password must be at least 6 characters long and contain at least 2 elements of numbers, letters, and symbols.", and "Birthday*" with a date picker. At the bottom, there is a teal "Sure" button and a checkbox for "I have read and agreed to the User Agreement and Privacy Policy."

Login to account

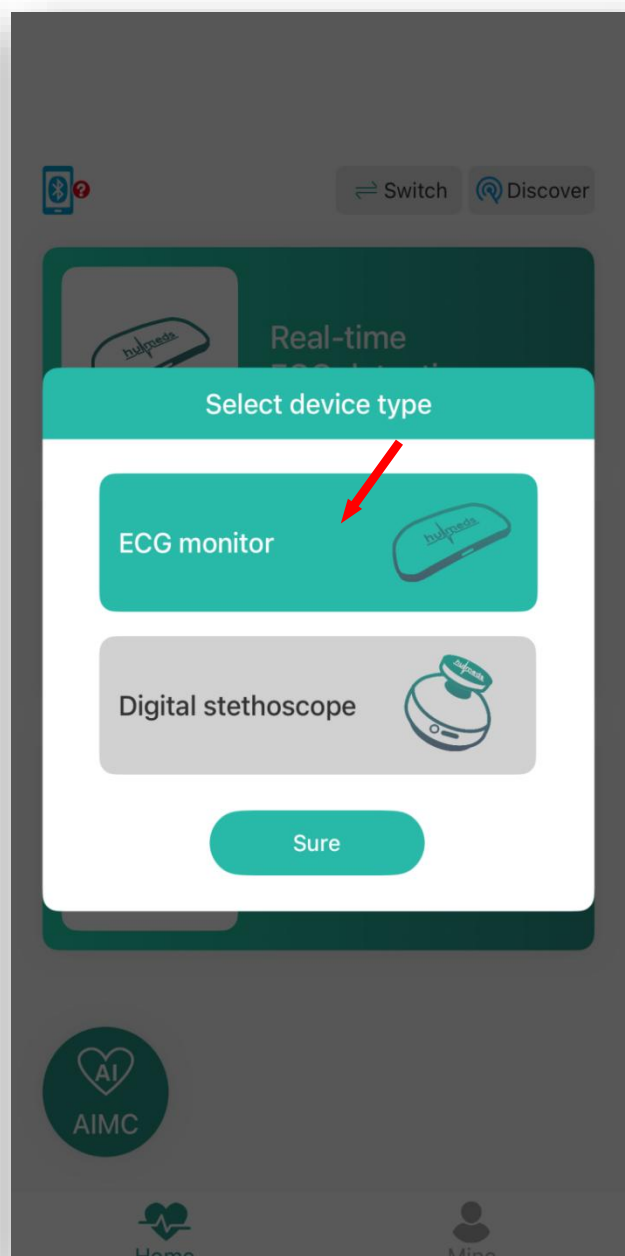
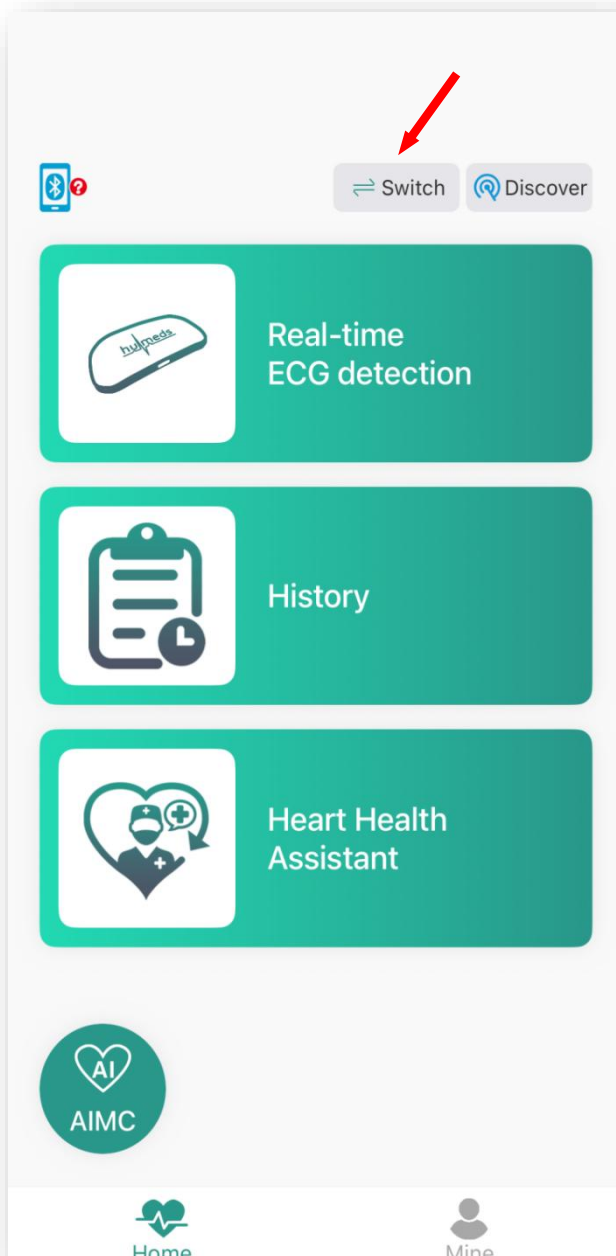
Use the mobile phone number you registered to log in. You can choose to use the password or the verification code to log in.

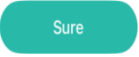


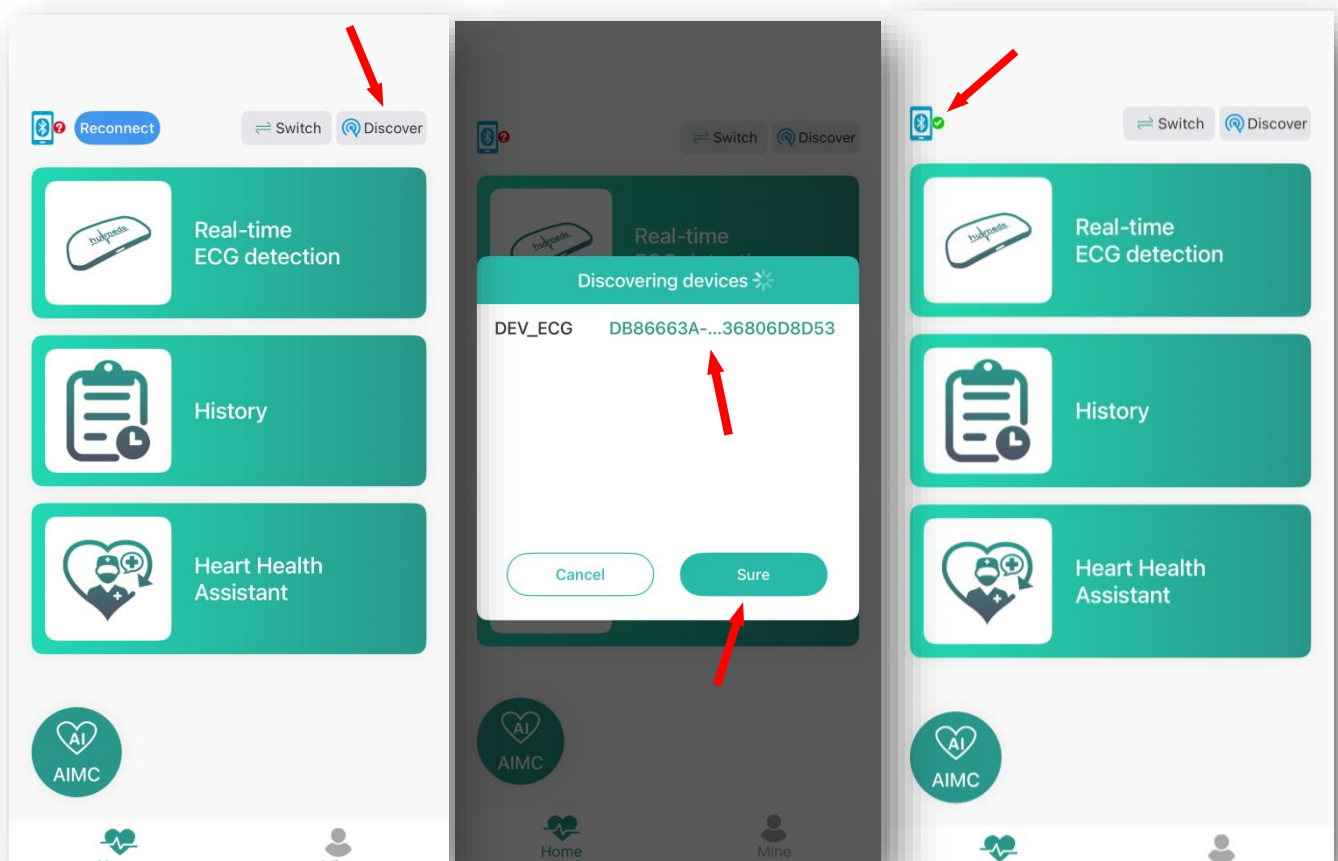
The Login screen features a teal header with the "Humeds Health" logo and the "humeds" logo. Below the header, there are two input fields: "Please enter mobile phone number" with a dropdown menu showing "+86" and "Please enter password" with a "Forgot the password?" link. There is a teal "Log in" button and a checkbox for "I have read and agreed to the User Agreement and Privacy Policy." At the bottom, there is a link for "Don't have an account yet? Register" and a link for "Offline mode".

■ Connecting device

1. After successful login to your account, tap Switch button, then select ECG monitor.

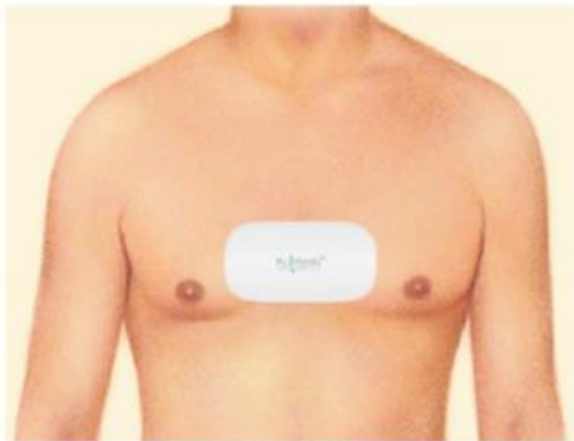


2. Power on ECG device and click  at the upper right corner of the main interface to search for the device.
3. After the device name appears in the devices list, tap the device you want to connect and tap  to complete the connection.
4. After successful connection, the icon in the upper left corner of the main interface will have a green check mark , indicating that the device is properly connected.



■ Real-time ECG detection

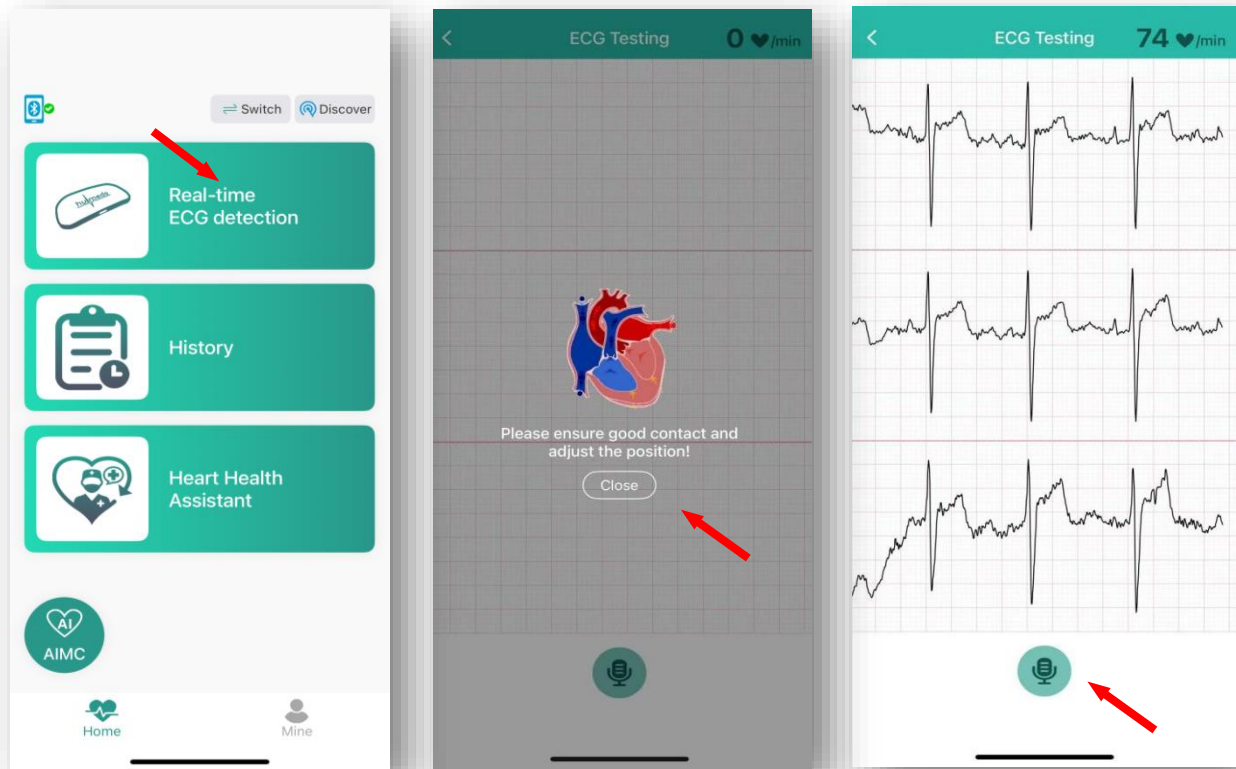
After turning on the ECG and connecting the APP, press the four electrodes of the ECG close to the top of the chest with your hand or any way (note: the four electrodes should be in full contact with the skin without sliding), keep your breathing even, focus your attention, and relax your body.



Then Click "Real-time ECG detection" to enter the detection screen.

Recording can be performed by tapping  after the initialization is complete and standard or stable ECG signal graphics appear on the interface.

The recording duration can be set in the ECG Recording Mode item of Settings (see the description of ECG Recording Mode). At least 15 seconds should be required.



When  is showed up, the recording is finished. Clicking  to upload and get the "Analysis report". (If automatic upload detection is set up, there is no need to click manually and the detection data will be uploaded automatically. Refer to the "Automatic Upload" item) .

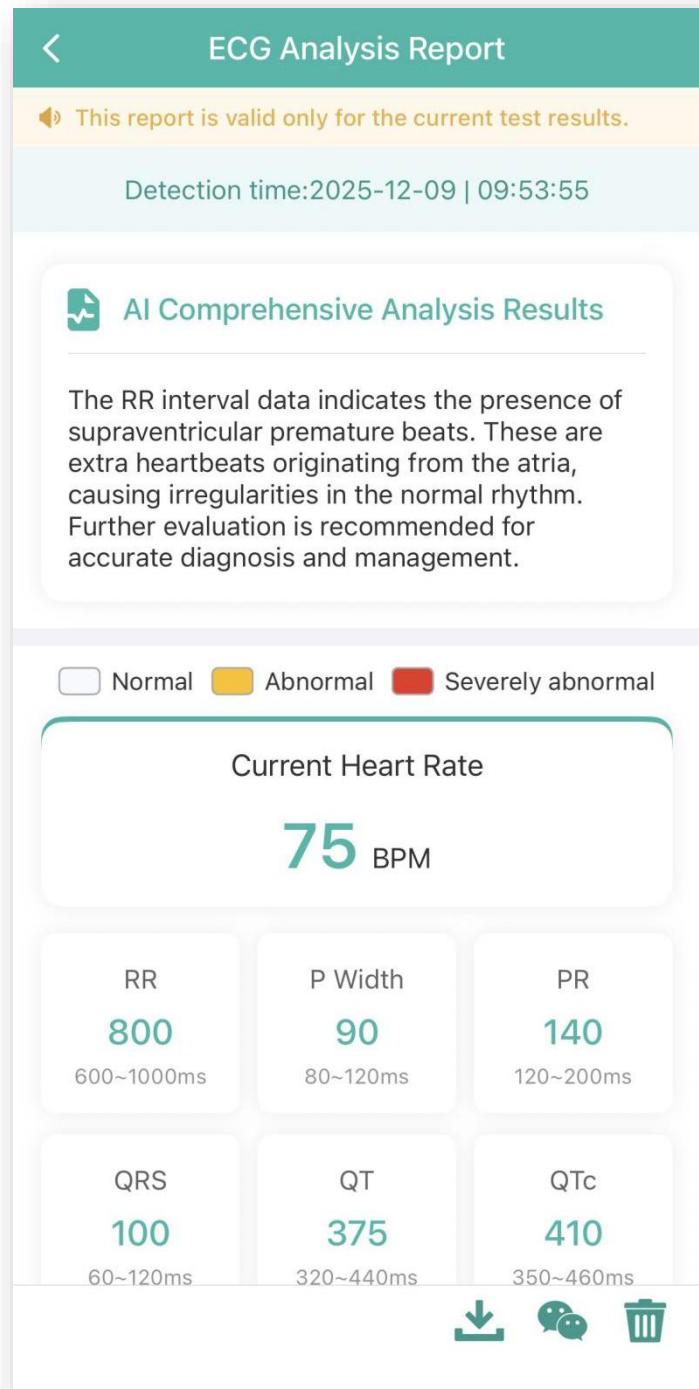
The report Includes the following content:

AI Comprehensive Analysis Results:

Summarize and analyze the test results of the report to draw reference conclusions.

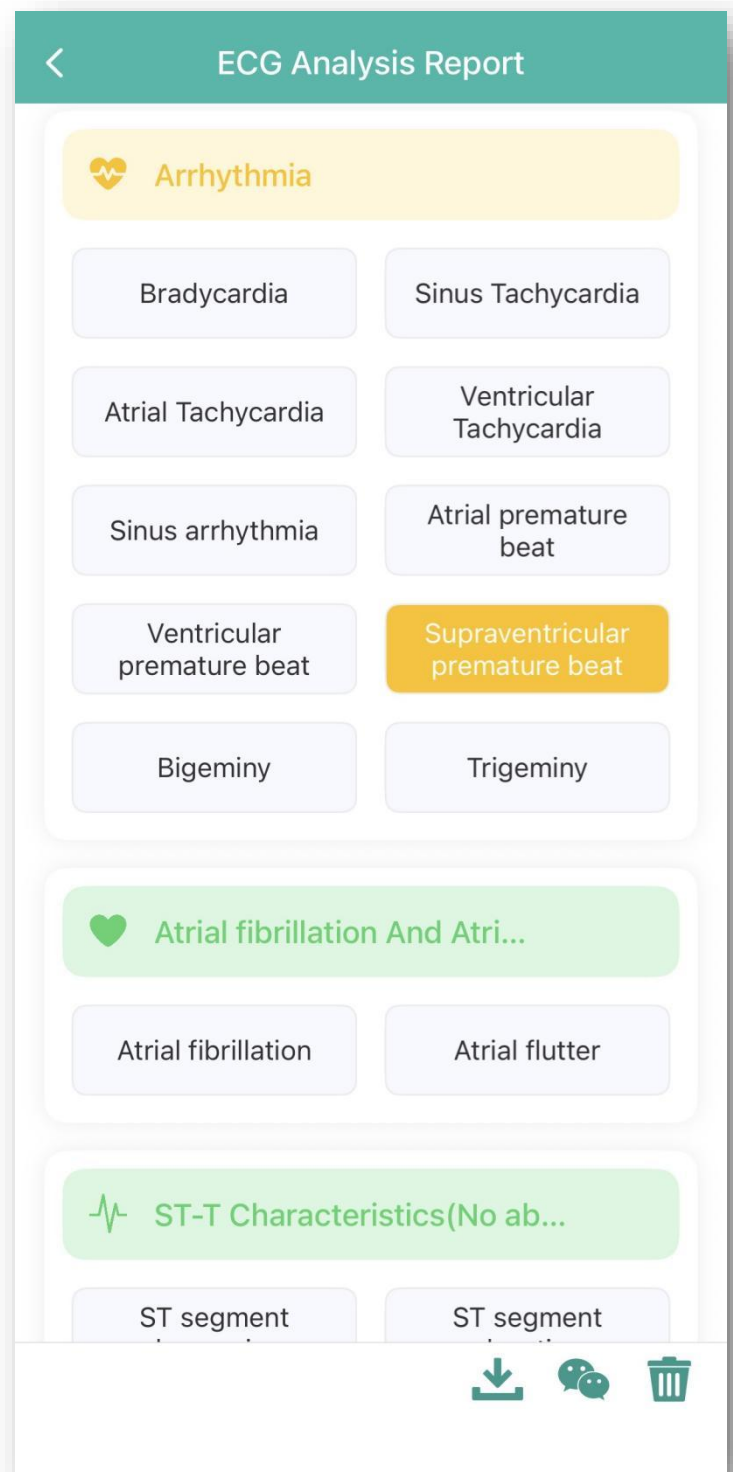
Current Heart Rate:

Display current heart rate, routine ECG parameters and standard ranges.



Arrhythmia; Atrial fibrillation and Atrial flutter; and ST-T Characteristics:

Display the detectable items of ECG abnormalities related to these three categories; When an abnormal result is detected, this abnormal item will show a yellow or red warning. If there are no abnormalities, the title will display "No Abnormalities Found".



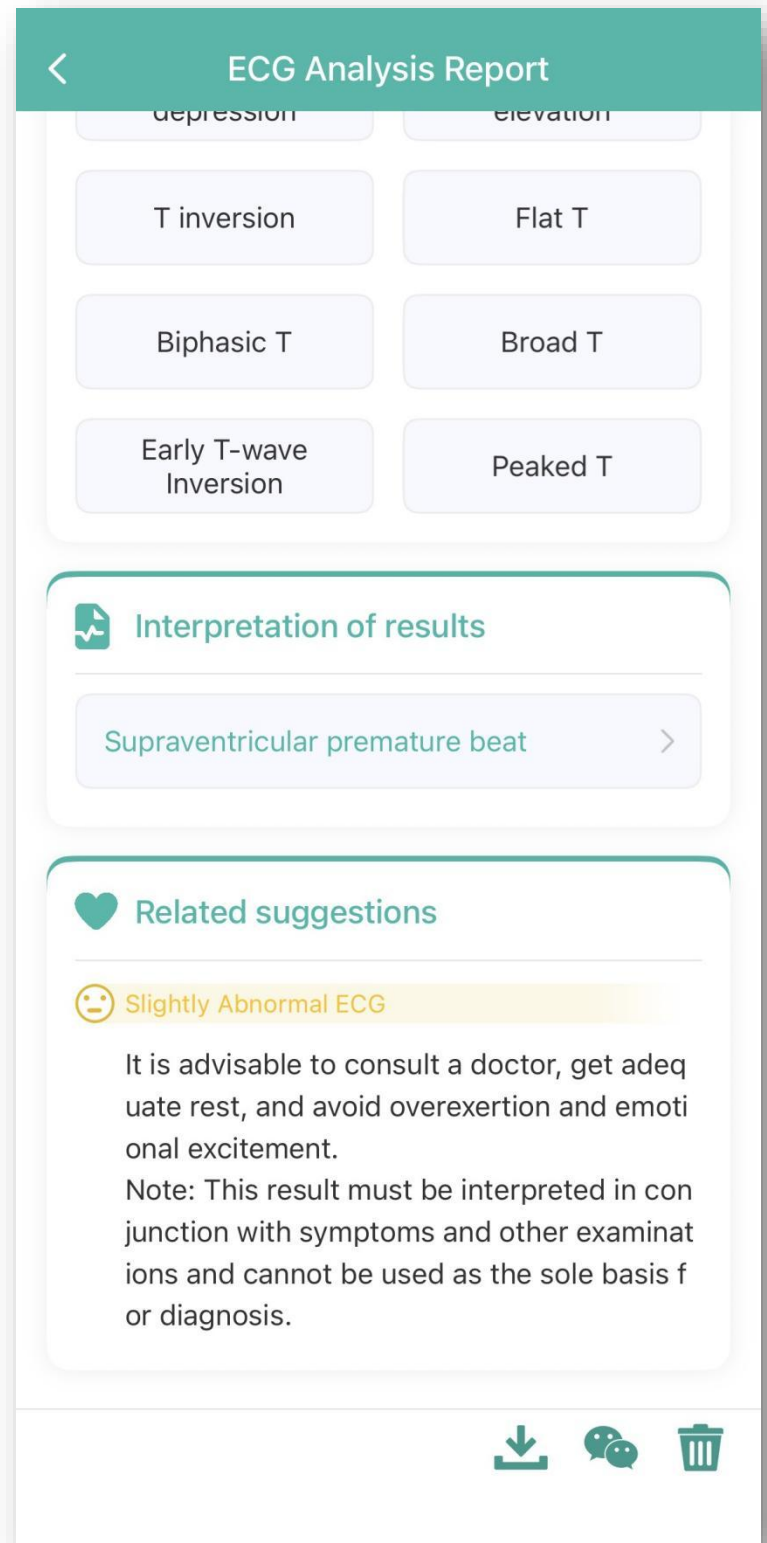
Interpretation of results: For abnormal items, click to view related descriptions.

Related suggestions: Giving advice.

Download report: Click  to download the ECG report in PDF format.

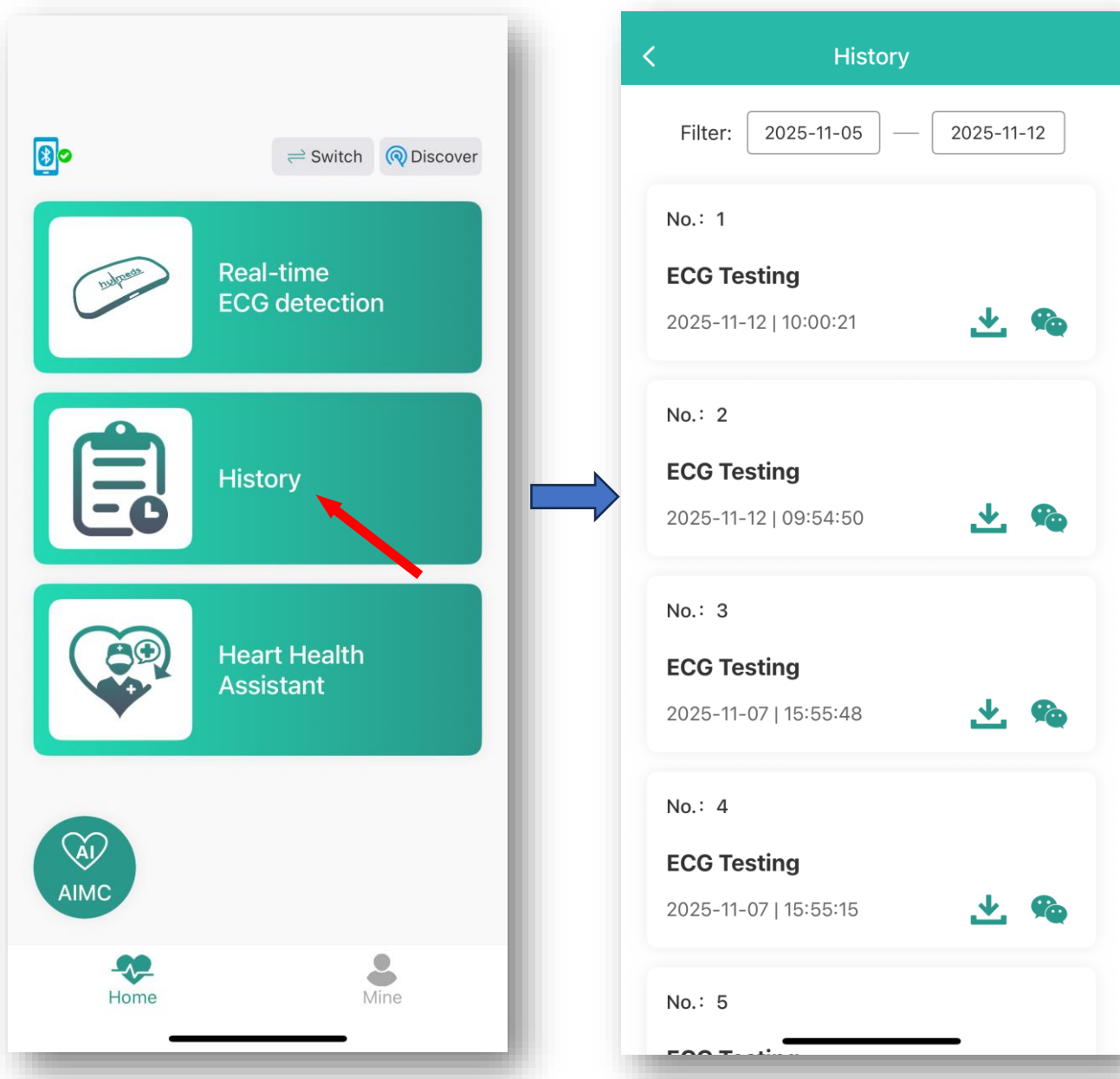
Share: Click  to share the ECG report in PDF format through WeChat.

Delete: Click  to delete the current record.



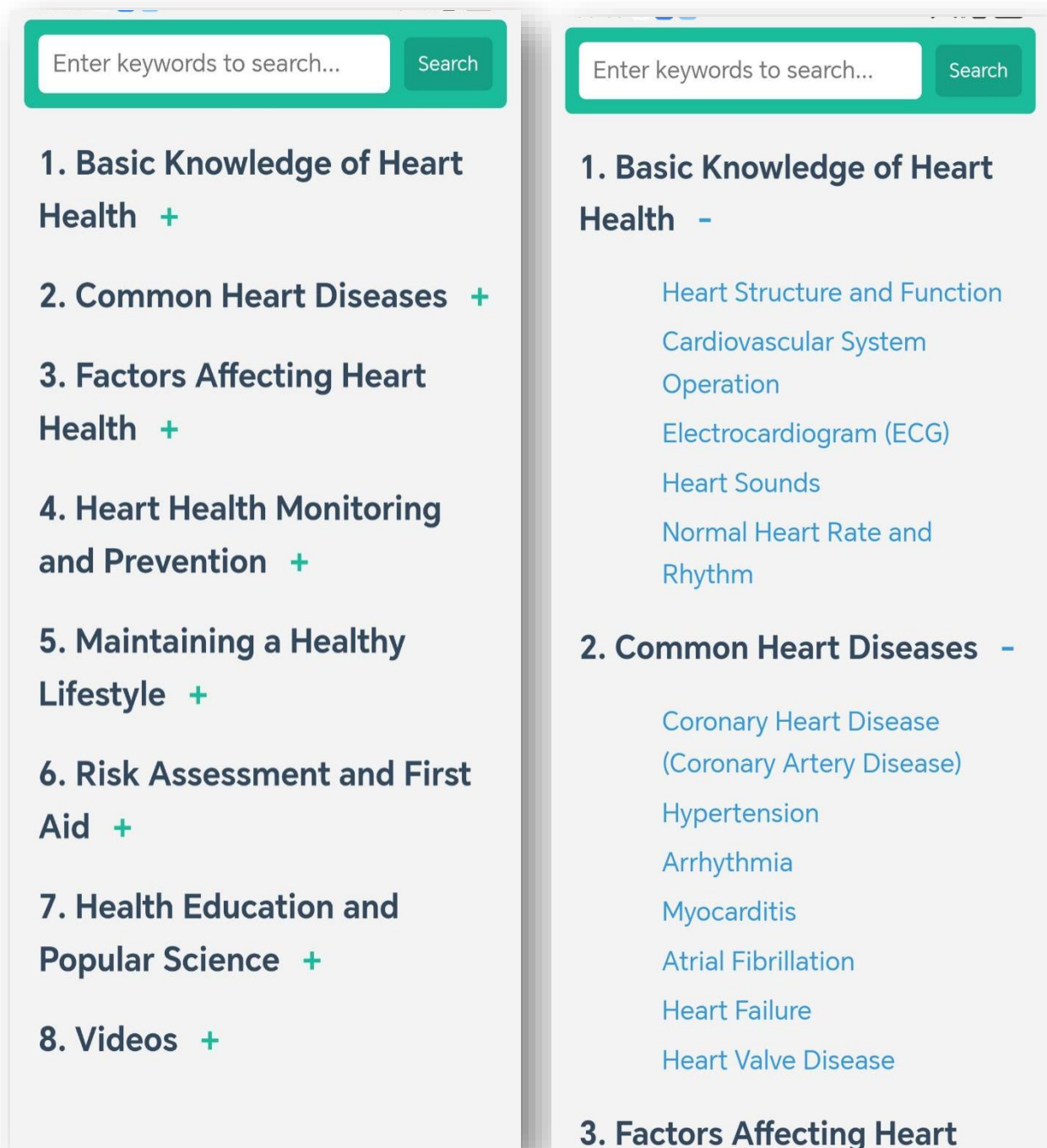
■ Historical record

The uploaded ECG and reports were recorded. You can view, download, and share corresponding records.



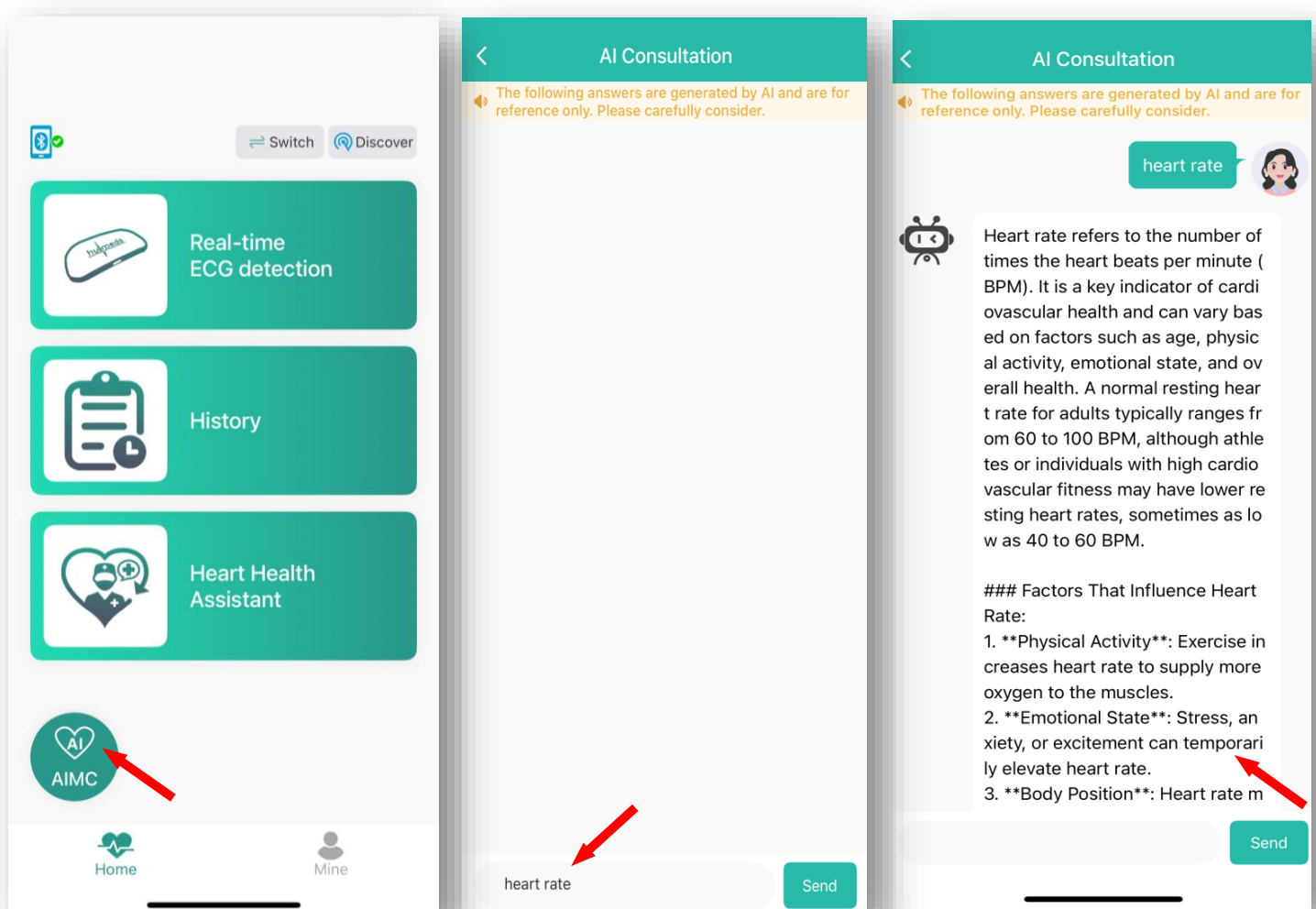
■ Heart health assistant

Provides some health tips about heart disease.



AI consultation

Input some questions by text or voice, and the AI consultation function will provide answers. The answers are displayed in text and can also be read by voice.



■ Setting up

ECG signal chart:

Display heart rate: Determines whether the heart rate is displayed in the recording interface.

Clear baseline drift: Detects the interface in real time to eliminate waveform baseline movement.

ECG Recording mode:

Continuous recording: Allows the user to choose whether to make continuous recording.

Recording duration: You can set different recording lengths, and automatically stop recording when the time is up.

Waveform Display:

The display mode of real-time detection can be set to vertical display or horizontal display.

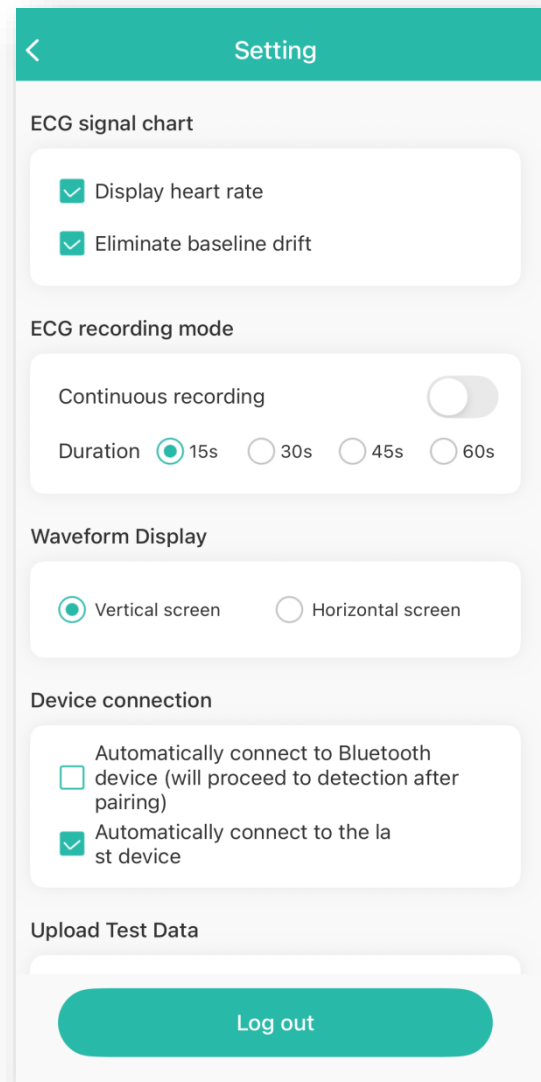
Device connection:

Whether to automatically connect to the Bluetooth device and jump to the detection interface, or

Automatically connect to the last connected device.

Upload Test Data:

It can be set whether to automatically upload the detection to form a detection report after the real-time detection is completed.



FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Information

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.



This product is produced by Humeds Health Technologies Corp.

Company website: <http://www.humeds.com.cn>

Email address: support@humeds.com.cn

Production address: Unit 12 & 05, 3rd Floor, Building 24, No.388
Xinping Street, Suzhou Industrial Park, Suzhou Area, China
(Jiangsu) Pilot Free Trade Zone