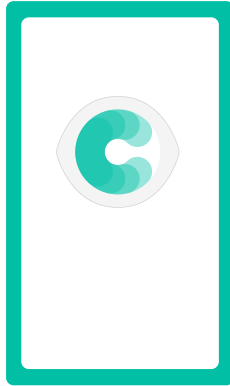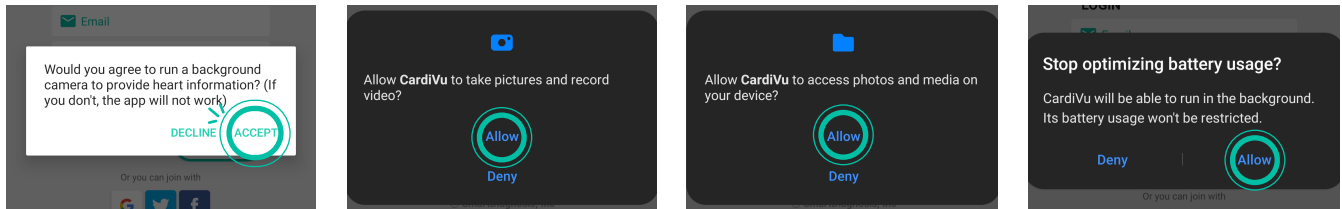# CardiVu

User Manual

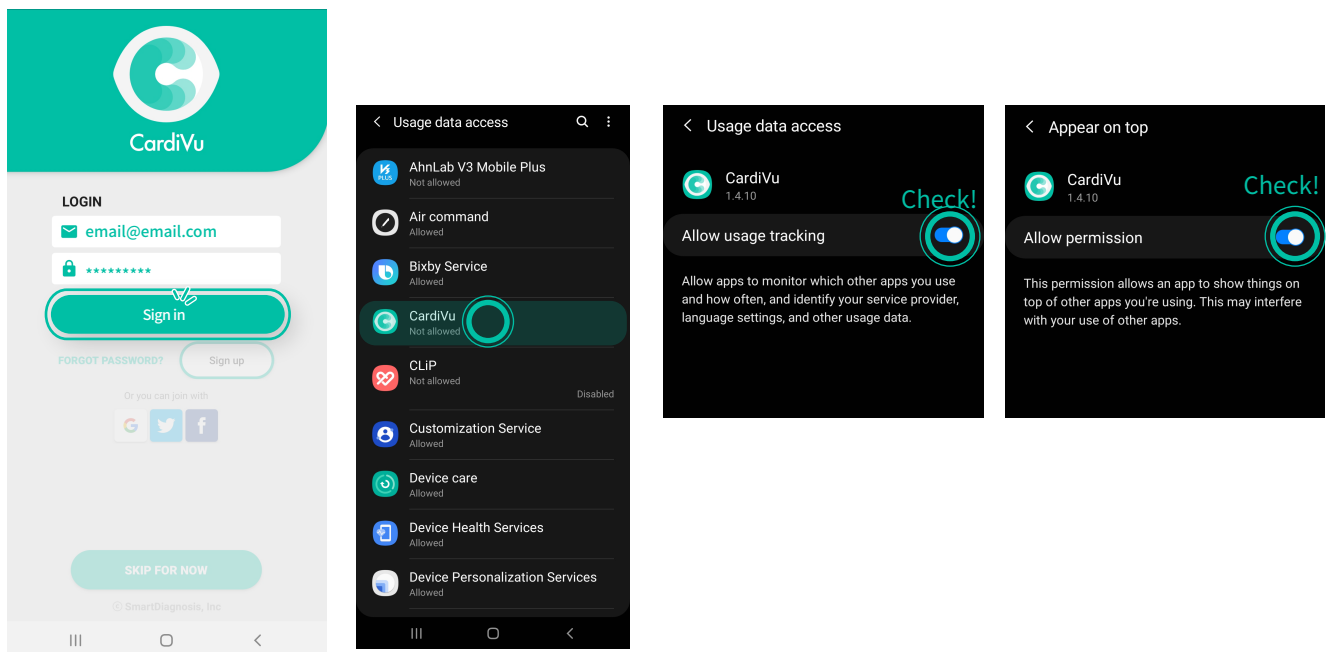Android Application

Control app permissions

After installing CardiVu provide permission for the program to run on your device.

When you run CardiVu for the first time "Application Permissions" will appear.
Click "Allow" and proceed to the login/sign up page.
If you click "Deny" you will be asked to provide permission when you login next time.

After logging in to CardiVu for the first time you will be asked to set additional settings.
Turn on "Allow usage tracking" and "Appear on top" in "Application Permissions" before returning to the application home page.

Sign Up & Log in

If you haven't already set up an account, go to the CardiVu Sign up page or login with
your social media account.

Your can sign up by clicking 'Sign Up' on the login screen.

You can login with your CardiVu account or social media
account.
You can skip the login and use the app.
After logging in, enter the code '**SDCOR**' on the screen.

Measurement

Measure your heart health with CardiVu
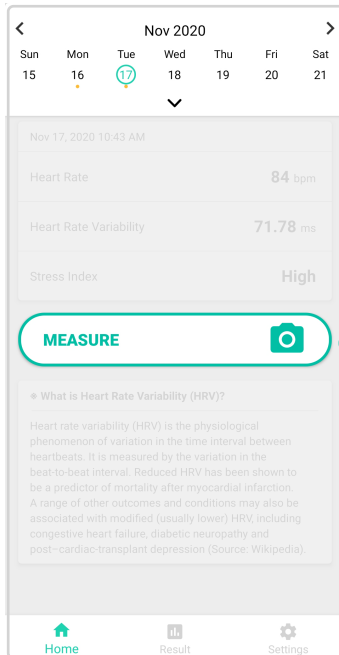
Measure
Click "Measure" to start measuring your heart health. The application will stop automatically once data collection is complete.
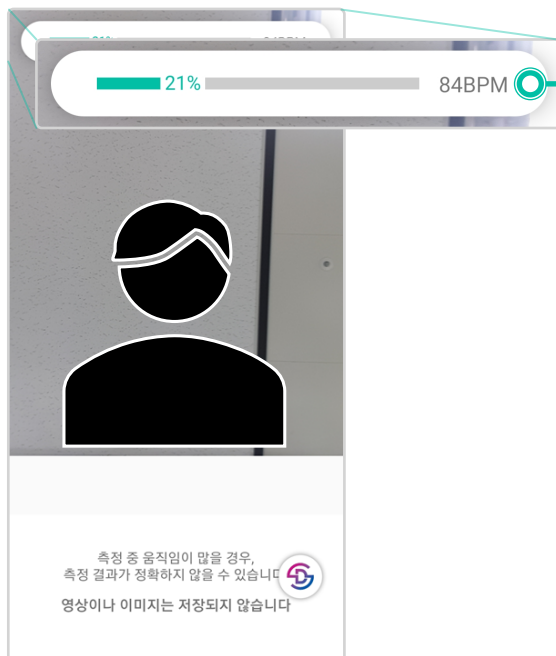
Measured Beats Per Minute (BPM)
You can view your heart rate (BPM) in real time. (Your BPM rate will appear once 20% of the required data has been compiled)

※ Automatically start measurement when using another app (Youtube, Internet Browser App etc.).

Checking your heart health

Check the recorded heart information measurement results.
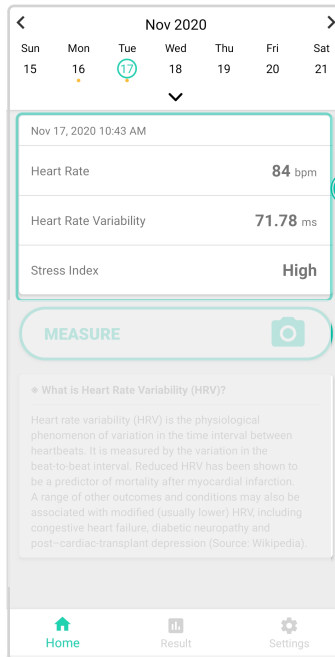
Results
Your most recent hearth health information is available here.
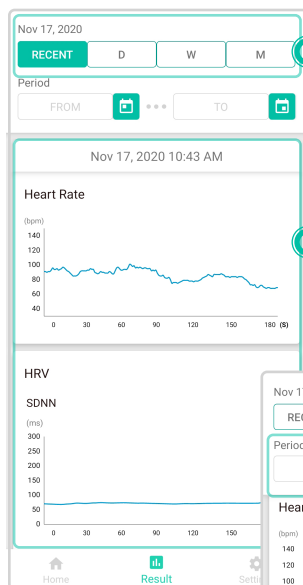
Period Tab
You can check data in days, weeks, and months. A graphical display of your heart information over the period will appear.

Heart health results
Information displayed includes heart rate, stress level, heart rate variability(SDNN), parasympathetic activity (RMSSD), and sympathetic/parasympathetic activity (LF/HF).
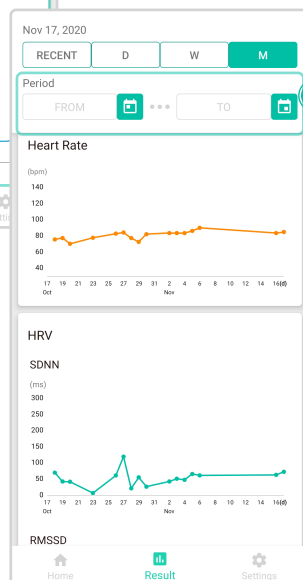
Search Period
Enter start and end dates to view results.
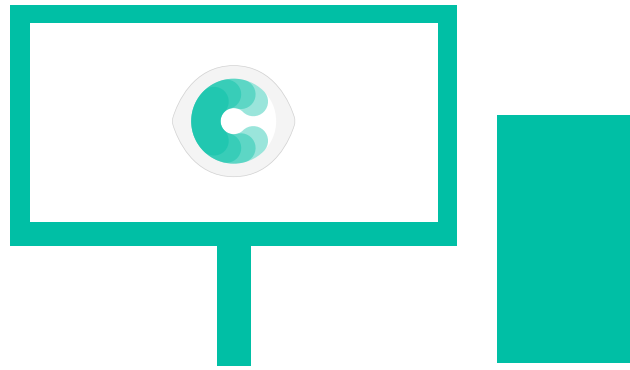
PC Program

Login

Change language
English/Korean

Enter Partner Code

Enter ID(email), password

Check auto login

Login

Find Password & Sign up

Sign up

Sign up

Create Account

Partner Code

your email | Check Availability

password

confirm password

User Authentication

Name

2000-01-01 | ○ Female ○ Male

☐ **Terms of Use**

Effective Date: December 31, 2019

The following terms and conditions constitute an agreement between you ("you") and Smart Diagnosis, Inc. ("SD," "we," "us" or "our"), the operator of "CardiVuTM" App (the "App") and related websites, applications, mobile applications, and services provided thereunder (collectively, the "Services").

These terms and conditions, together with the:

Privacy Policy and each other document referenced herein, each of which is incorporated herein, collectively constitute the "Term of Use." BY VISITING, USING, REGISTERING, OR OTHERWISE ACCESSING THE APP AND THE SERVICES, YOU AGREE TO BE BOUND BY THE TERMS OF USE:IF YOU DO NOT AGREE, DO NOT USE THE APP OR THE SERVICES.

☐ **Privacy Policy**

Effective Date: December 31, 2019

Smart Diagnosis, Inc. ("SD," "us," "we," or "our") respects your privacy and we are committed to protecting the privacy of the visitors and users of the CardiVu (the "APP") and related websites, applications, services and mobile applications provided bySmart Diagnosis, Inc. in which this Privacy Policy (this "Privacy Policy") is posted or referenced (collectively, the "Services").

BY ACCESSING THE APP AND USING THE SERVICES, YOU AGREE TO THE PRACTICES AND POLICIES OUTLINED IN THIS PRIVACY POLICY AND YOU HEREBY CONSENT TO THE COLLECTION, USE, AND SHARING OF YOUR INFORMATION AS DESCRIBED IN THIS PRIVACY POLICY. IF YOU DO NOT AGREE WITH THIS PRIVACY POLICY, YOU CANNOT USE THE SERVICES. IF YOU USE THE SERVICES ON BEHALF OF SOMEONE ELSE (SUCH AS YOUR CHILD) OR AN

Sign up

Partner Code
Enter the partner code provided.

Enter ID and Password
Enter your ID and check the duplication

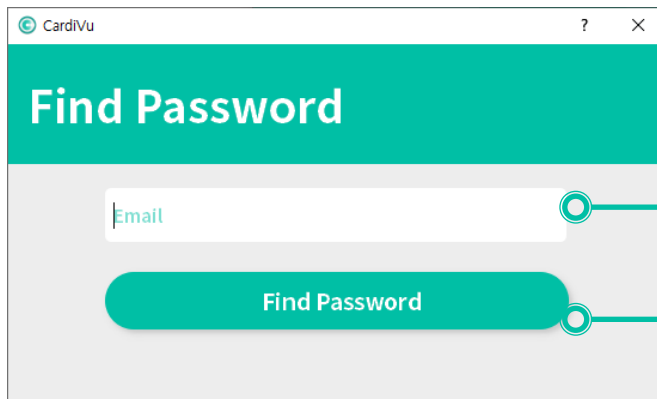**Enter your information**

Agreement to terms and conditions

Sign up
The button becomes active when all items are filled in.

Find password

Find Password

CardiVu   ?   ×
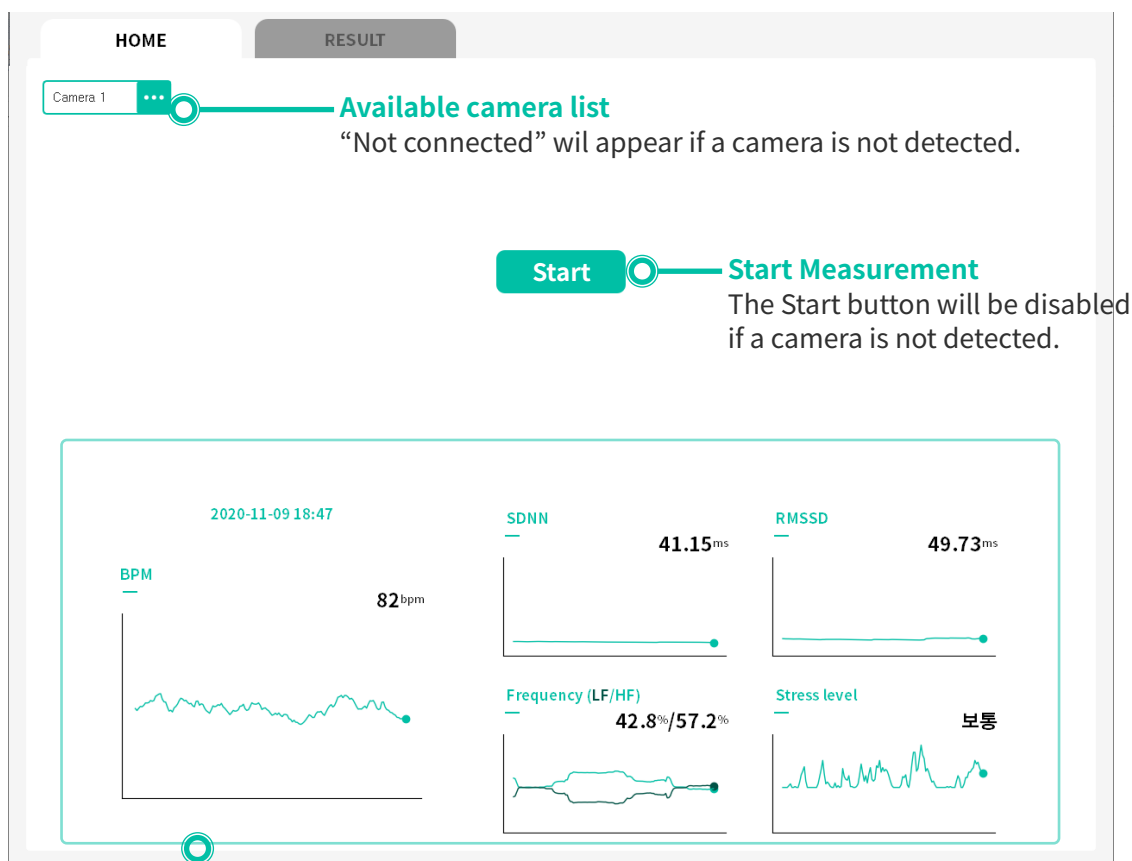
Email

Find Password

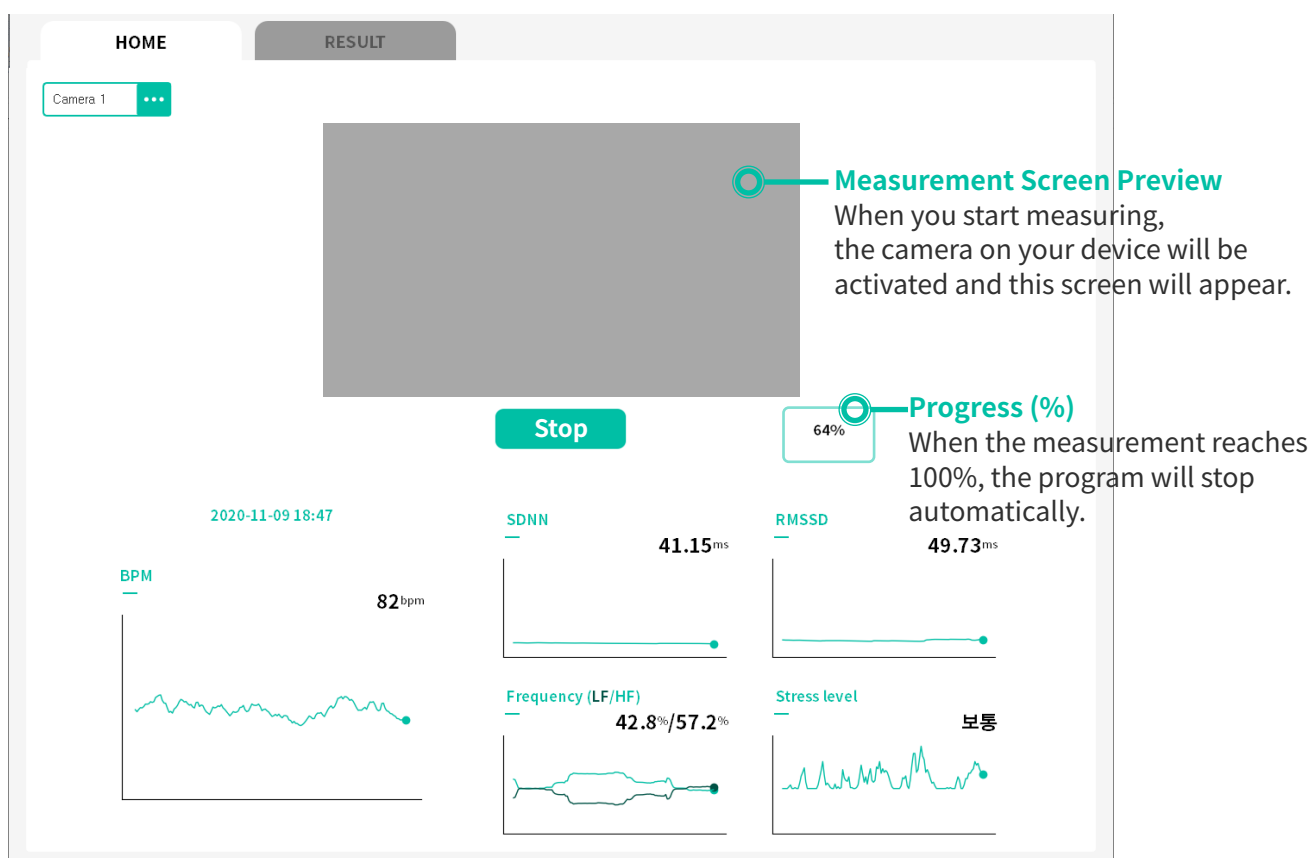**Enter the email**
Enter registered email address.

Find password
When you click the "Forgot Password" button, a password reset email will be sent to the registered email address.

Measurement

HOME   RESULT

Camera 1   ...

Available camera list
"Not connected" wil appear if a camera is not detected.

Start

Start Measurement
The Start button will be disabled
if a camera is not detected.

2020-11-09 18:47

BPM
82 bpm

SDNN
41.15 ms

RMSSD
49.73 ms

Frequency (LF/HF)
42.8 % / 57.2 %

Stress level
보통

real-time heart health results
The display provides your heart health in real time when the program is running.
If the program has been paused the display will provide previous results.

HOME   RESULT

Camera 1   ...

Measurement Screen Preview
When you start measuring,
the camera on your device will be
activated and this screen will appear.

Stop

64%

Progress (%)
When the measurement reaches
100%, the program will stop
automatically.

2020-11-09 18:47

BPM
82 bpm

SDNN
41.15 ms

RMSSD
49.73 ms

Frequency (LF/HF)
42.8 % / 57.2 %

Stress level
보통

※ The measurement is started automatically every 1 hour.
(Automatic measurement time: 9 to 19 o'clock)

Checking Results

HOME	RESULT

D	W	M	Period

Results Data Tab
Results will be displayed for the selected data range.
'D' tab displays hourly results, 'W' and 'M' tabs display results by day.
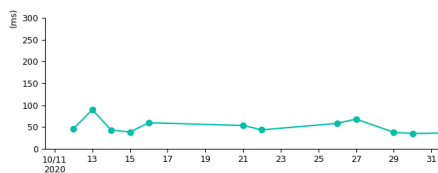
Period

FROM
2020-09-11

· · · ·

TO
2020-11-11

Search
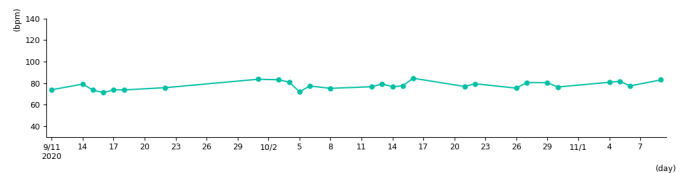
Search Period
Enter start and end date to view results.
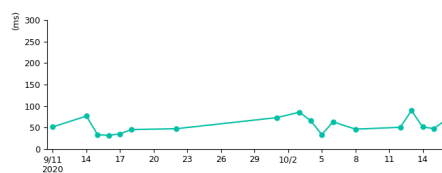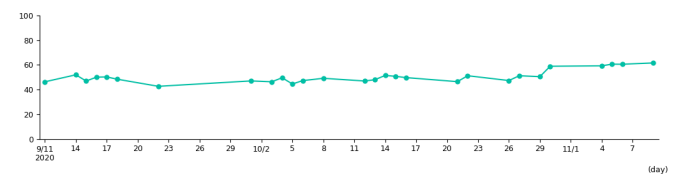
Heart Rate Variability
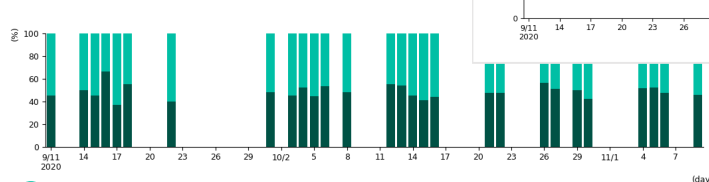
SDNN*

Heart Rate

RMSSD*

Stress level

LF/HF*

Result graphs
The graph displays heart rate, stress level, heart rate variability (SDNN),
parasympathetic activity (RMSSD), and sympathetic/parasympathetic activity (LF/HF).

Save Results in PDF format

HOME	**RESULT**

D	W	M	Period

Tabs that can generate PDF reports
You must have at least one day of results before PDF download is enabled.

The higher the heart rate variability score, the better the psychological state, and the lower the tendency to experience a worse psychological state.

Stress level

Create a PDF file

Transfer and download results to PDF file

export pdf

cardivuProject_201020...

구성 ▾

작업 중...

다시 검색할 위치:
라이브러리 · 내 PC · 사용자 지정

파일 이름(N): Stress Report_20201111.pdf

파일 형식(T): PDF files (*.pdf)

폴더 숨기기

저장(S)

Save PDF Report
Save to your computer