

Diabetes Management System (DMS) APP

- Only for Use by Healthcare Professionals -




Features

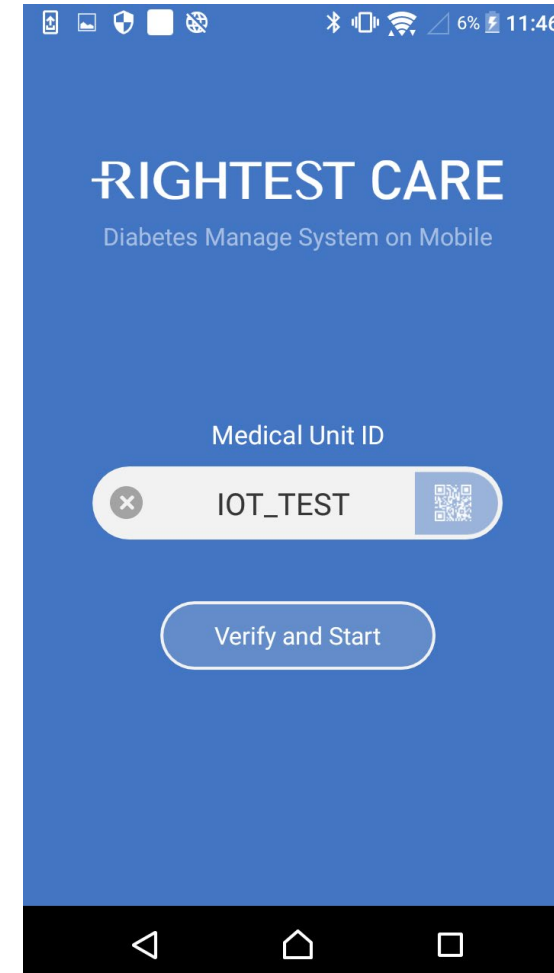
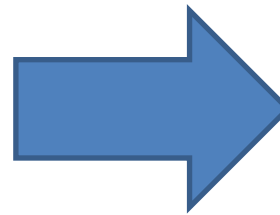
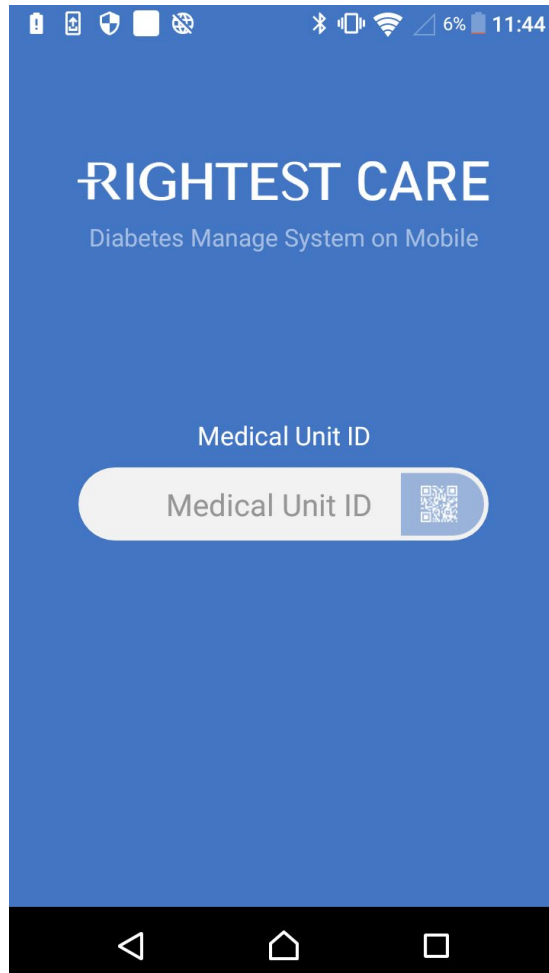
1. **A lightweight DMS APP for healthcare professionals to manage patients efficiently**
2. **Allows instant pairing with glucometers, collects data, and delivers updates to the DMS**
3. **Allows management of multiple patients**

Functions

- **Medical unit (organization) log in**
- **Medical staff log in**
- **Search for a patient**
- **Collect patient data**
- **View patient's glucose data**
- **Pair a new meter for a patient**
- **Check warranty status for a patient**
- **Create a new patient profile**
- **Add health data for a patient**
- **Categorize a patient into groups**

1. Medical Unit (Organization) Log In

Enter the Medical Unit ID (Organization Code) or
tap  to scan the Medical Unit QR Code



Check Organization QR Code on DMS Web

1. Click “Organization Management” and then “Organization Code” for the QR code
2. Click on the QR code to enlarge it

The screenshot shows the BIONINE DMS Web interface. On the left sidebar, the 'Organization Management' menu item is highlighted with a red box. The main content area displays the 'Organization Info' section, which includes a table with the following data:

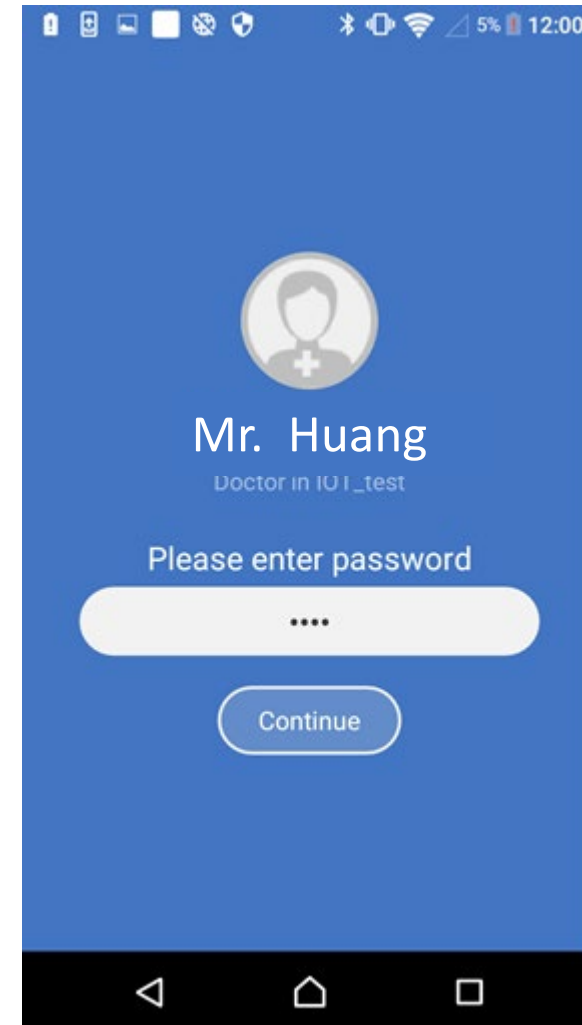
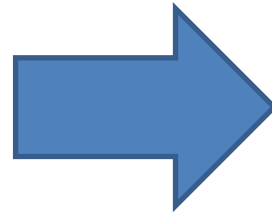
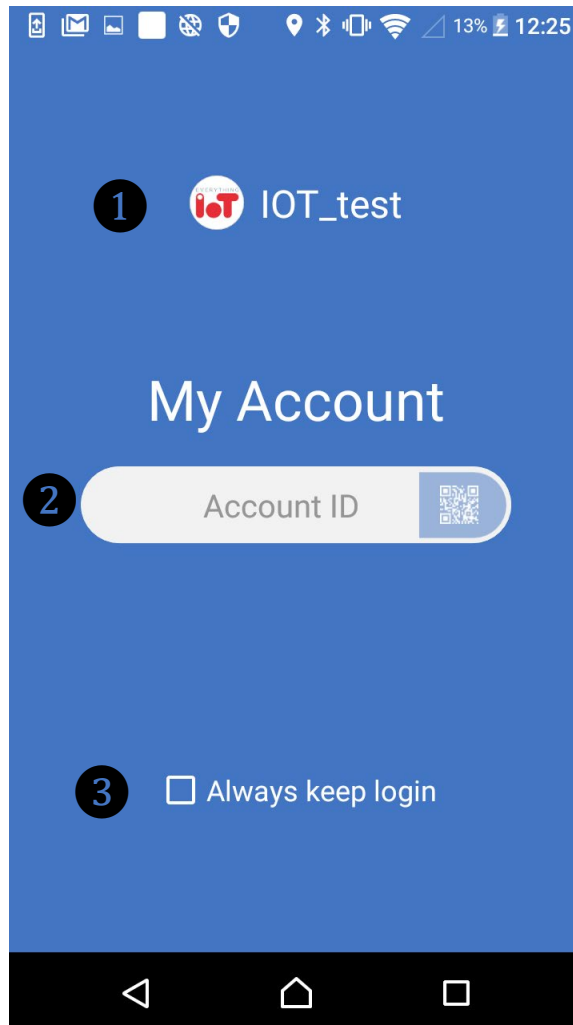
Field	Value
Organization Code	IOT_TEST
Name	IOT_test
About Organization	IOT_test
Contact Info	
Administrator	

The 'Organization Code' field contains a QR code, which is highlighted with a red box. A red arrow points from this QR code to a larger, enlarged version of the QR code on the right side of the screen. Below the 'Organization Info' section, there is an 'Organization Preference' section with the following data:

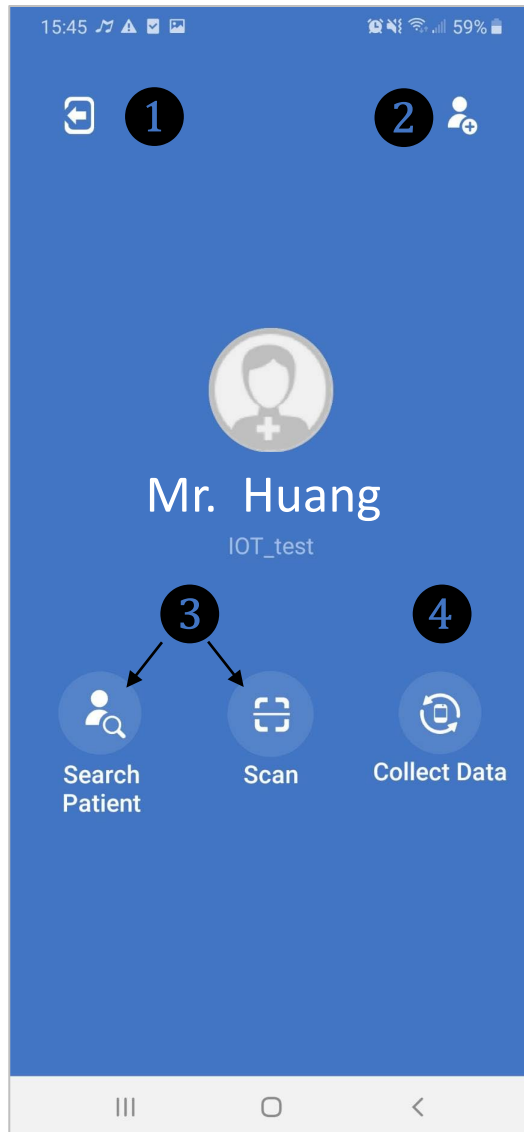
Field	Value
Language	English
Region	Asia/Taipei - UTC+08:00
Blood Glucose Unit	mg/dL

2. Medical Staff Log-In

1. The organization name will be shows after log-in
2. Enter medical staff ID/password
3. Check “keep me logged in” to stay logged in



Medical Staff Personal Page

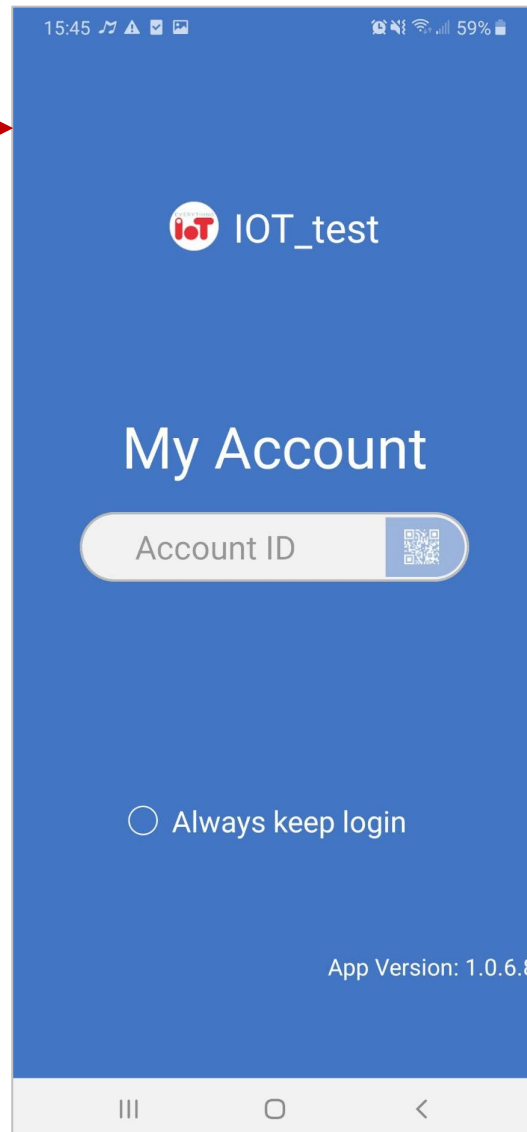
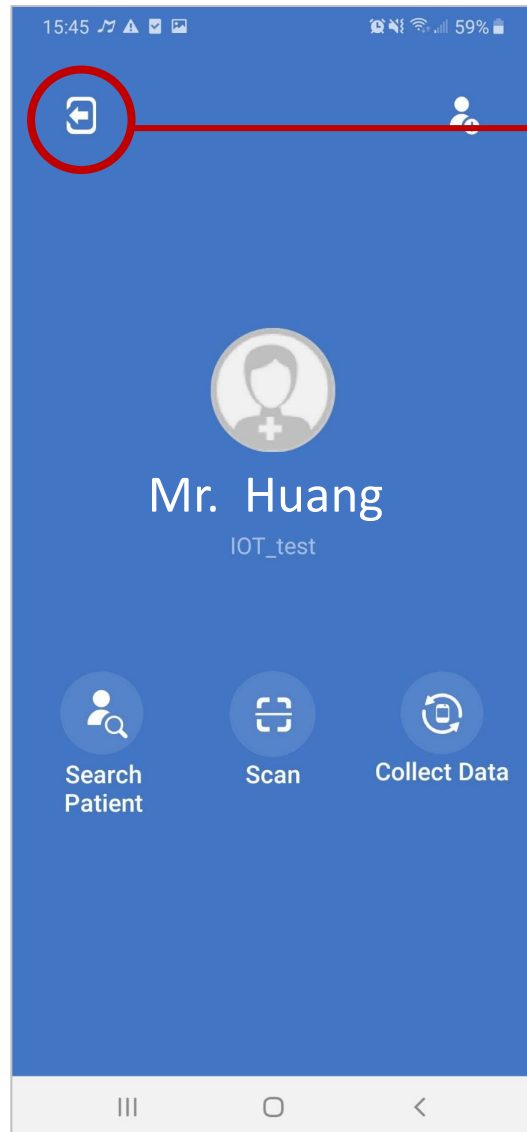


- 1 Log out to switch between staff users
- 2 Click to **create a new patient on DMS**. (Same as DMS “create new patient” function)

For existing patients on the DMS:

- 3 You can search for a patient or scan their QR code to check/collect the patient’s data.
- 4 **Collect a patient’s data directly from their personal meter.** (Turn on the meter. A Bluetooth signal appears when the meter is ready for pairing.)

1 Log Out



Click on the **EXIT**
icon



The page will be redirected
to the **STAFF LOG IN PAGE**

② Create a New Patient

15:45 15:53

Mr. Huang
IOT_test

Search Patient Scan Collect Data

Create Patient

Name mini cooper

Patient Number 999

Birthday (Required)

Gender (Required)

Type of Diabetes Type 2 Diabetes

Phone

Care Area

Years Of Diagnosed

Emergency Contact

Create Now

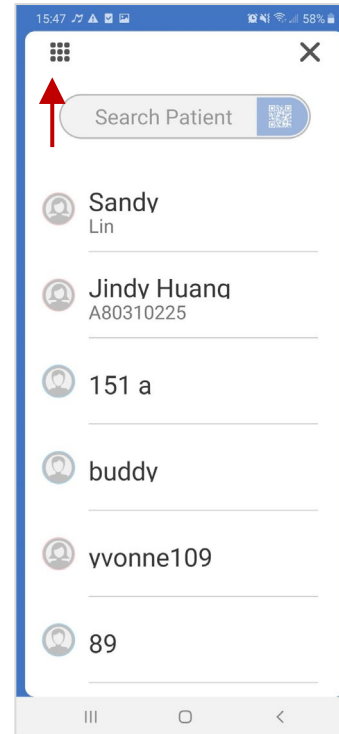
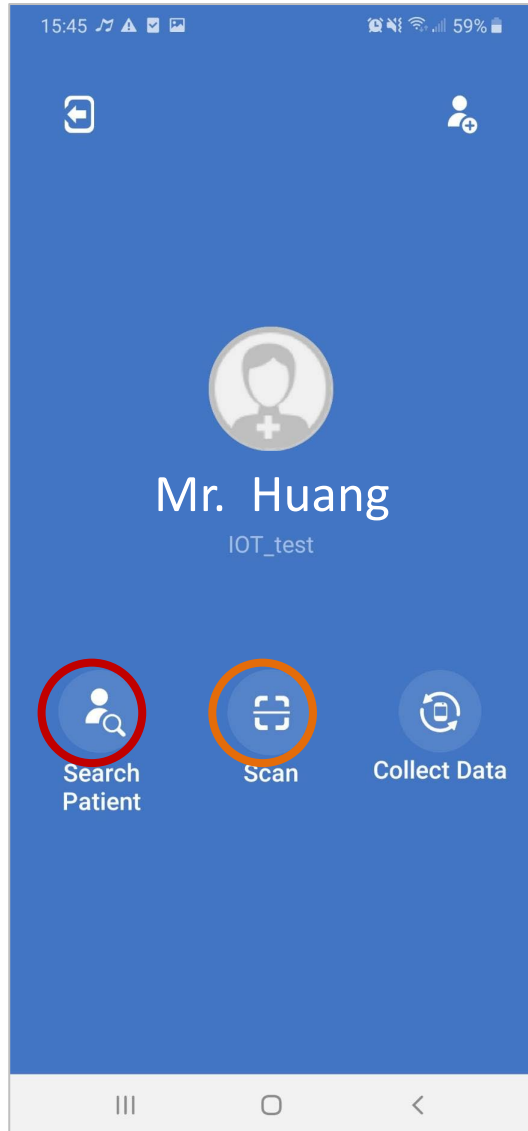
Click on  icon

The page will be redirected to **CREATE PATIENT PAGE**

Edit basic info. and choose the corresponding practice group if necessary.

Press **“Create Now”**

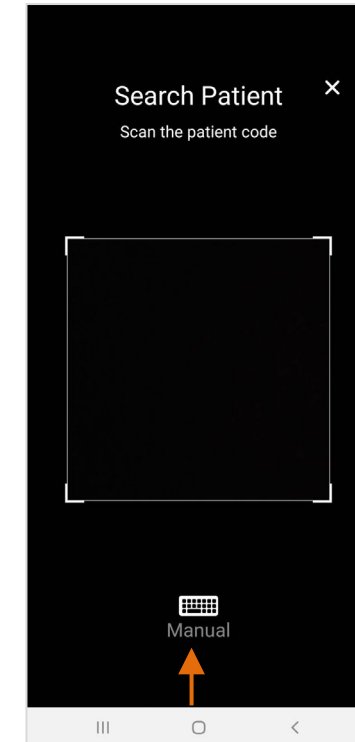
③ Search & Scan a Patient's QR Code



List view

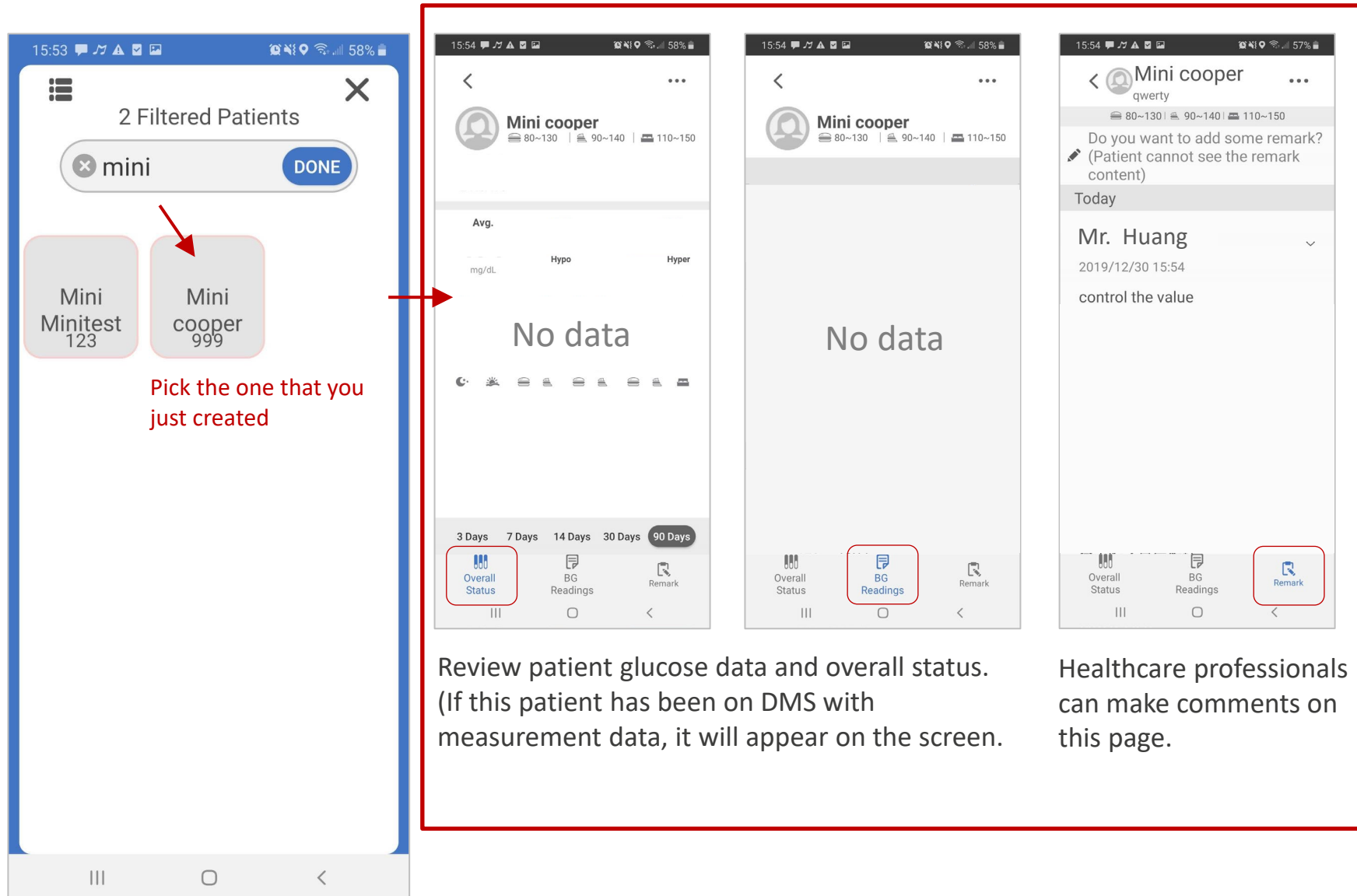


Graph view



Patient's QR code scanning
or
Manually input on the List
view/Graph view

③ Patient Profile Page



③ Patient Profile Page Add Health Data

1) Enter patient profile and click “...” in upper right corner.

16:35 44%

< champion huang F126308221 ...

Collect Readings About patient Add biomark

Dinner
27 @ 21:29 PC
THU, 2020/07/16 1 times AVG. 555 mg/dL

Dinner
555 16:45 AC
THU, 2020/07/09 1 times AVG. 23 mg/dL

Lunch
23 @ 12:04 AC
FRI, 2020/07/03 1 times AVG. 110 mg/dL

Bedtime
110 23:42
TUE, 2020/06/23 2 times AVG. 119 mg/dL

BG Readings Overall Status Biomarks Remark

2) Fill in health data.

17:10 43%

champion huang

Date 2020/07/20

Time 17:10

General(4)

Height cm

Weight kg

Systolic Blood pressure mmHg

Diastolic blood pressure mmHg

Glucose(1)

Hemoglobin A1c %

Lipids(4)

Cancel Save

3) Go to the bottom menu and choose “Biomarks”.

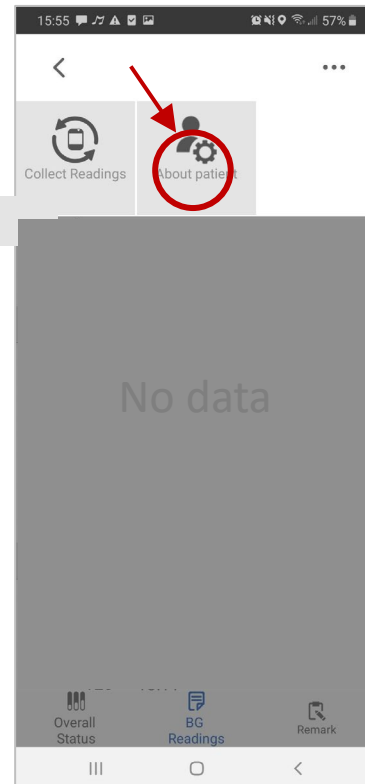
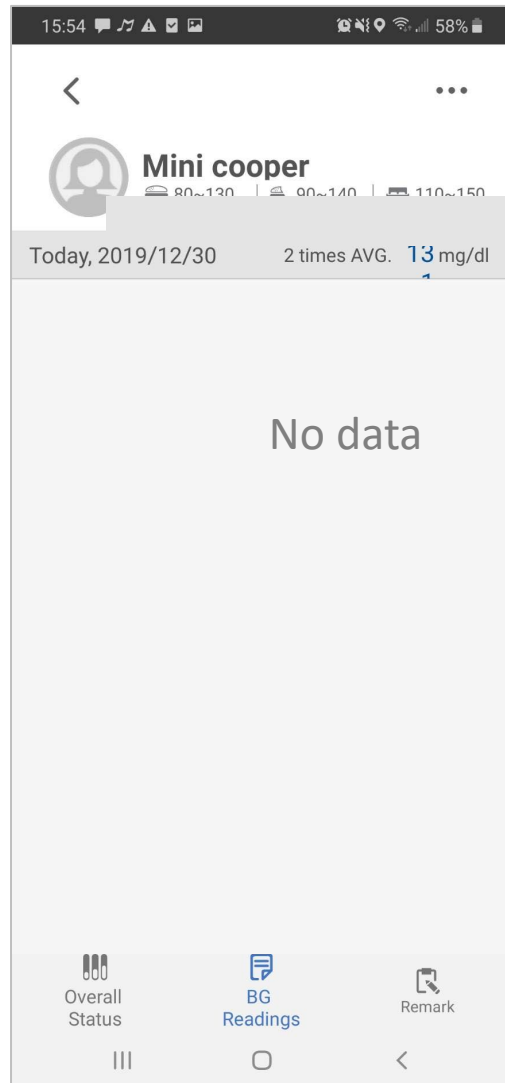
17:10 43%

< champion huang F126308221 ...

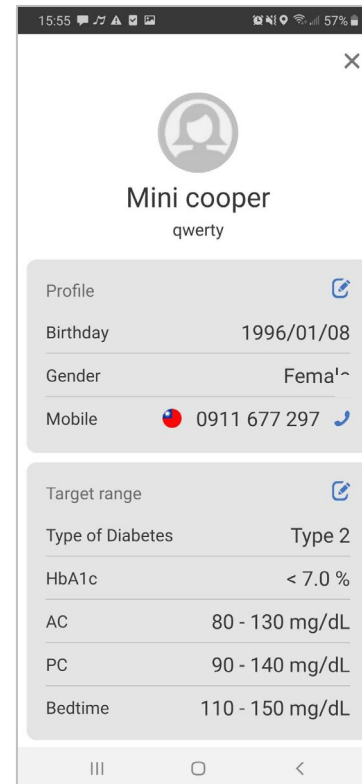
	2017 11/17 00:00	2017 10/17 00:00	2017 08/23 00:00	2017 07/20 00:00
Time				
General (2)				
Height	190			
Weight	90			
Systolic Blood pressure / Diastolic blood				
Glucose (1)	(1)	(1)	(1)	
Hemoglobin A1c	6.5	6	6.5	
Lipids				
Cholesterol				
Triacylglycerol				

BG Readings Overall Status Biomarks Remark

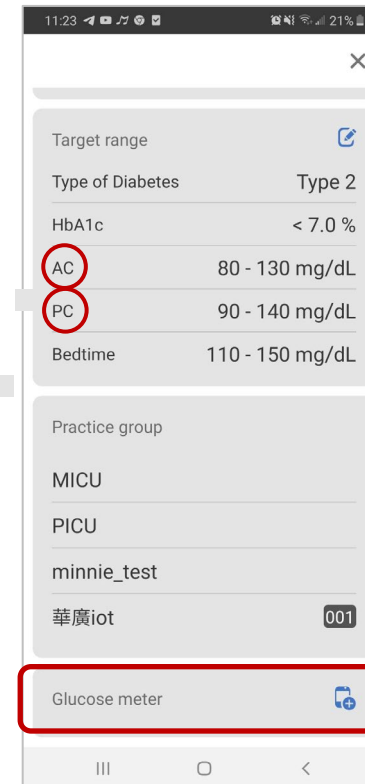
③ Patient Profile Page



Press **ABOUT PATIENT** to edit more details.



Modify profile.
Modify target range.



Check groups.

Add and pair meters to
this new patient account

④ Meter Pairing and Data Collection-1

11:23 21%

Target range

Type of Diabetes Type 2

HbA1c < 7.0 %

AC 80 - 130 mg/dL

PC 90 - 140 mg/dL

Bedtime 110 - 150 mg/dL

Practice group

MICU

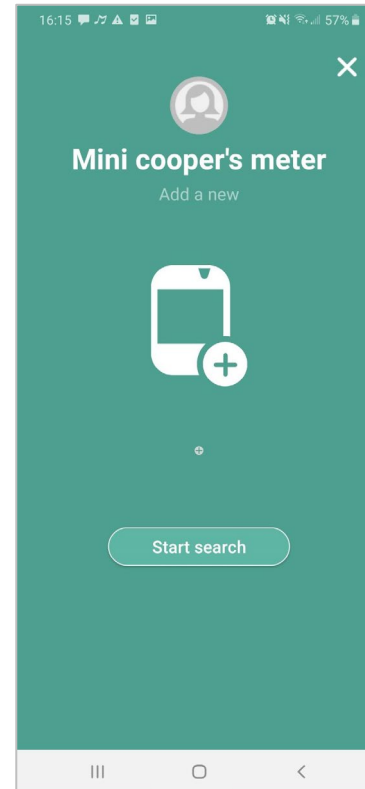
PICU

minnie_test

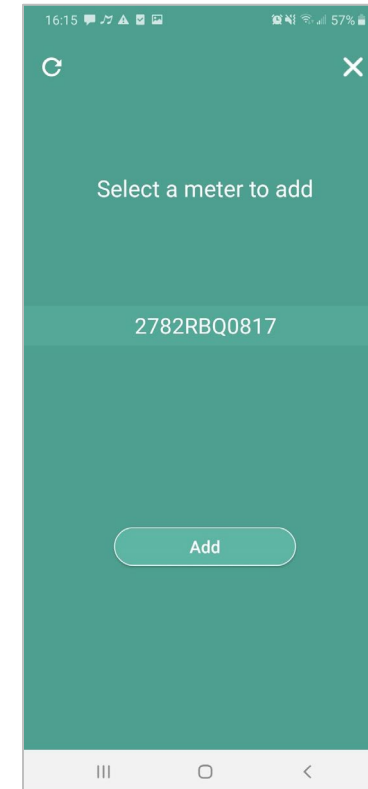
華廣iot 001

Glucose meter → +

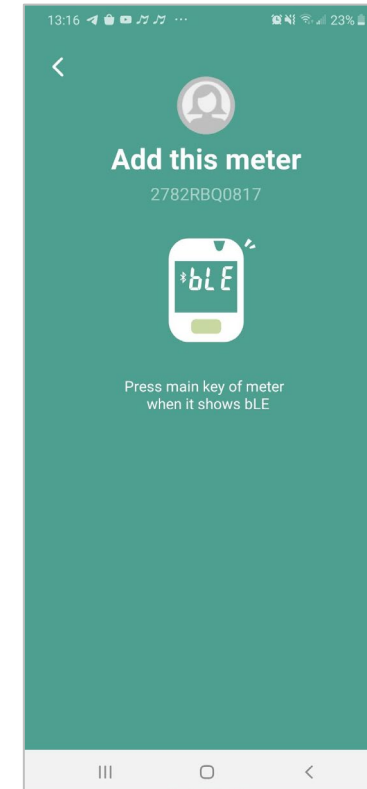
Click here to add a new meter



Before starting search,
TURN ON THE METER that
YOU WANT TO PAIR WITH

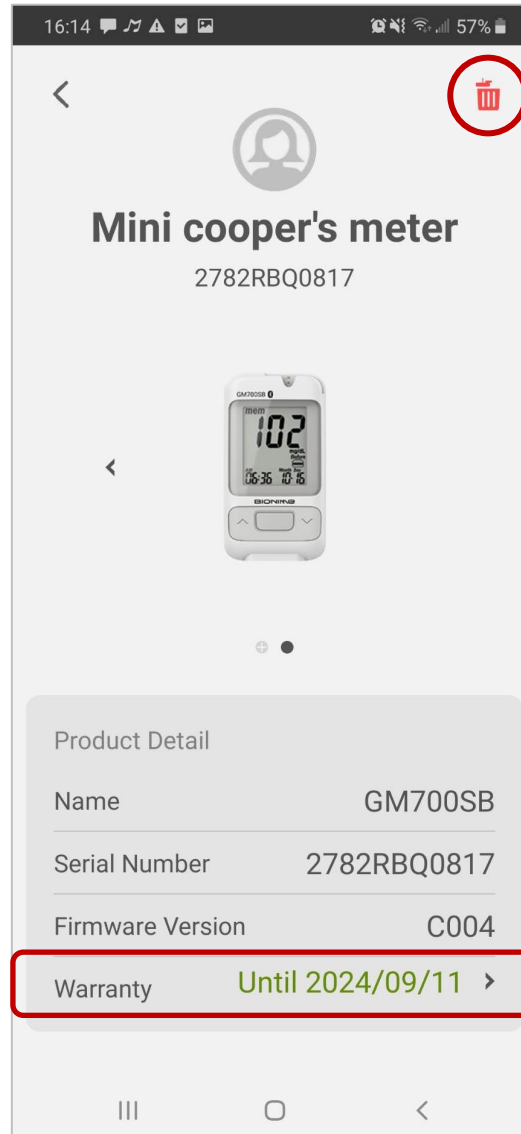
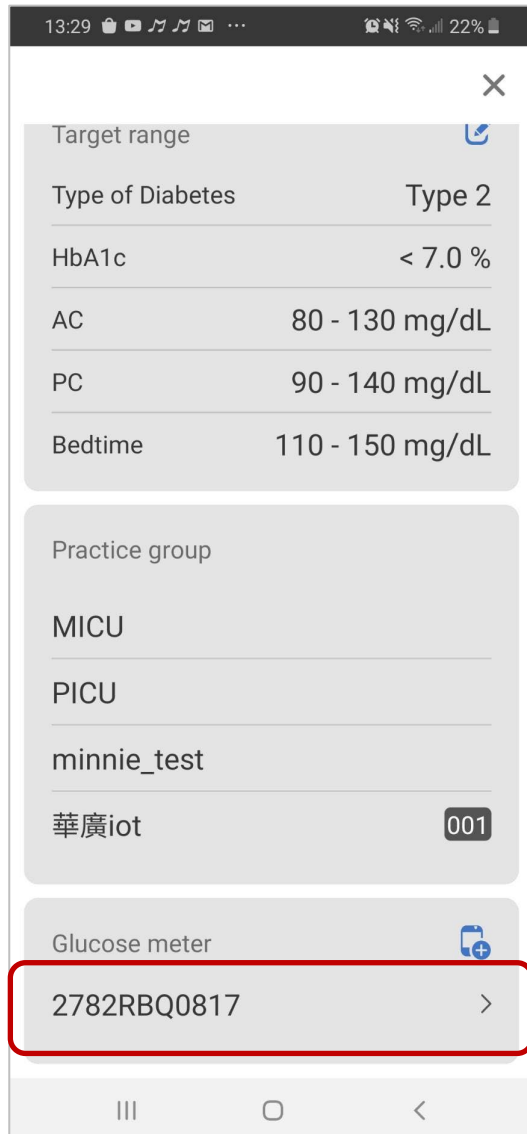


Click to **START SEARCH**,
finding out the right
serial number of the
meter



Press the main button
on the meter after
"BLE" is shown

4 Meter Pairing and Data Collection-1

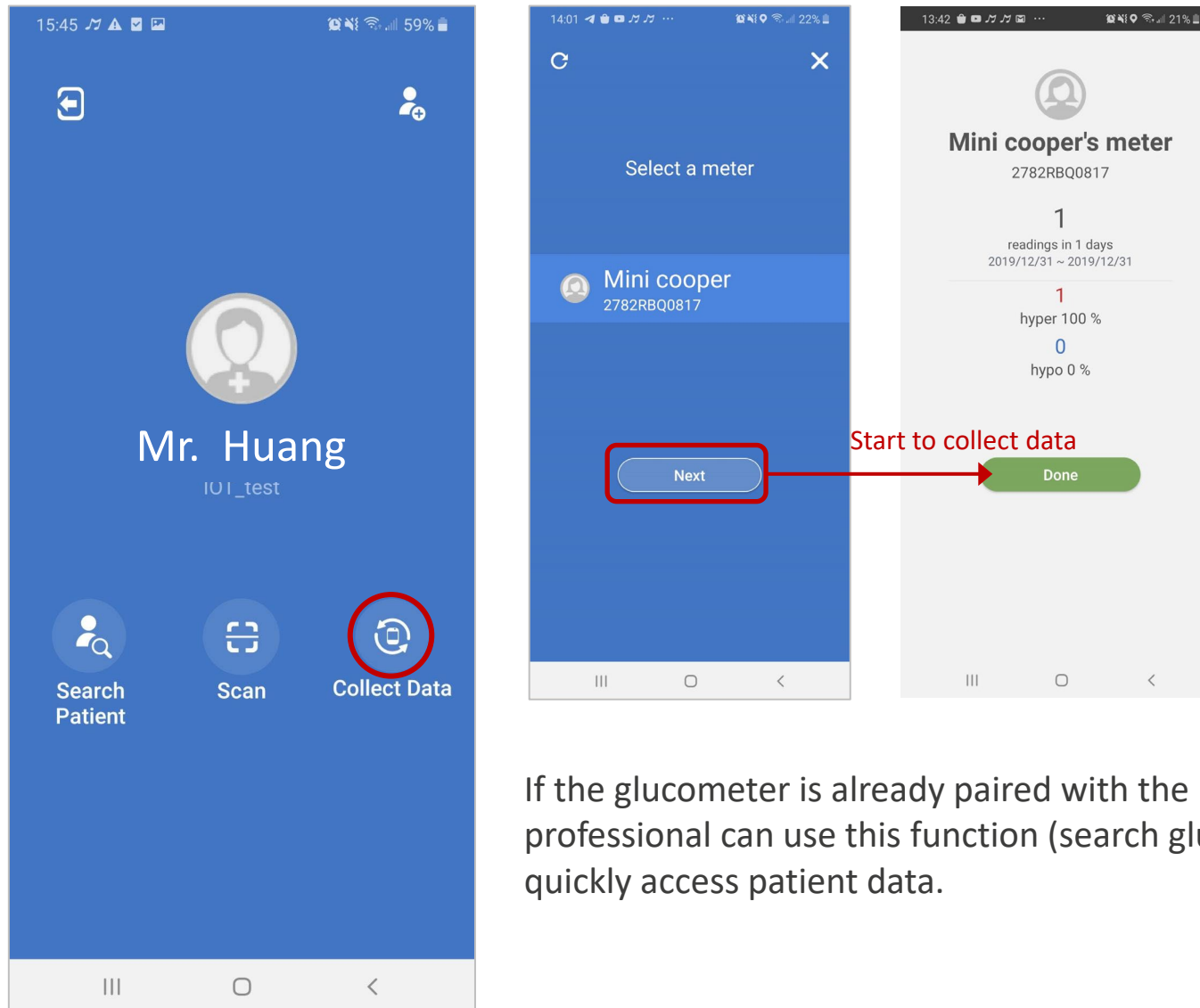


Remove this meter from this patient's account

Check meter's warranty

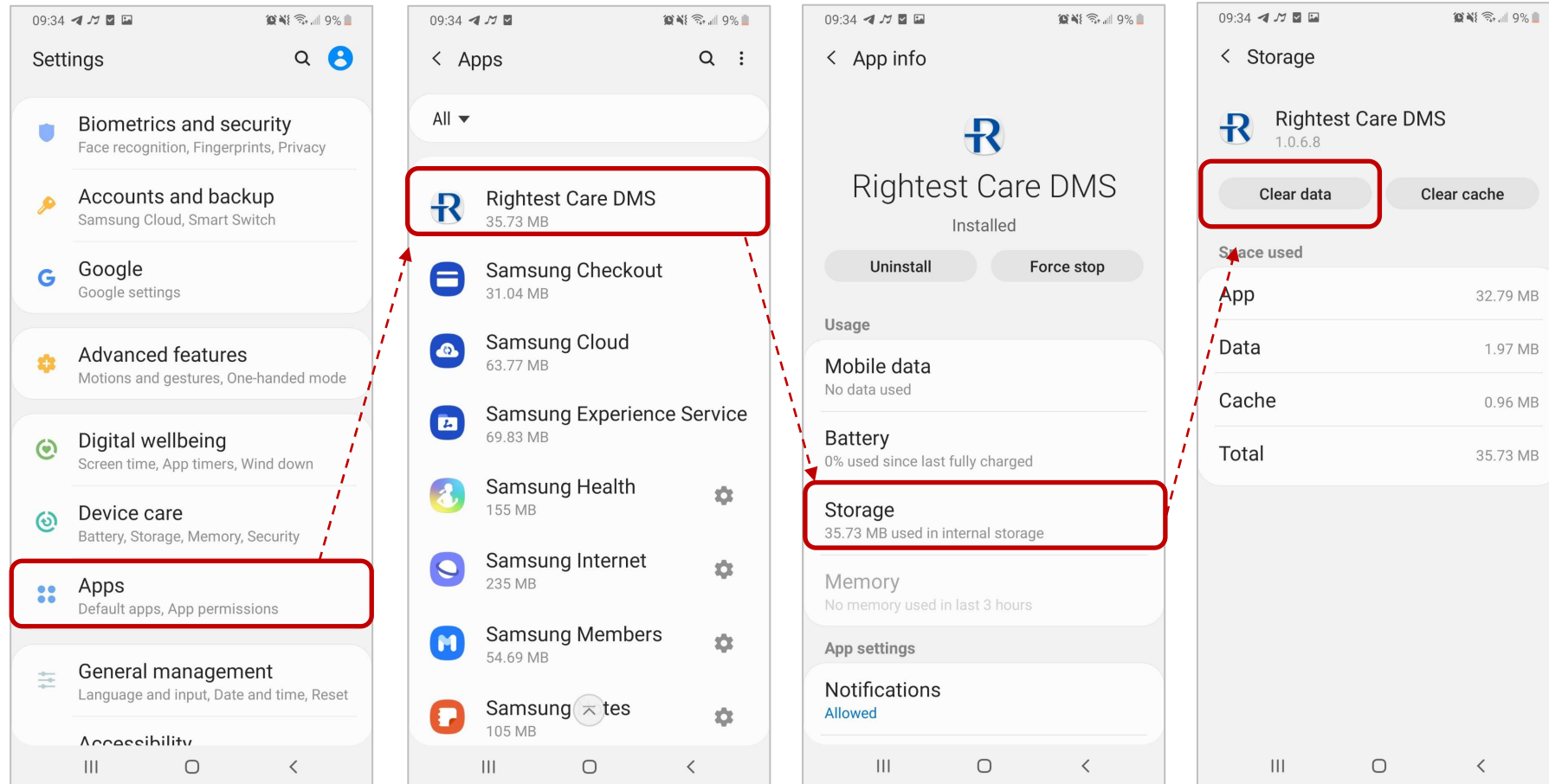
**Here is another way to collect data.
Let's go back to homepage!**

④ Meter Pairing and Data Collection-2



If the glucometer is already paired with the patient, the health professional can use this function (search glucometer) to quickly access patient data.

Changing to other Medical Units/Clinics



Thank you

