BIONIME
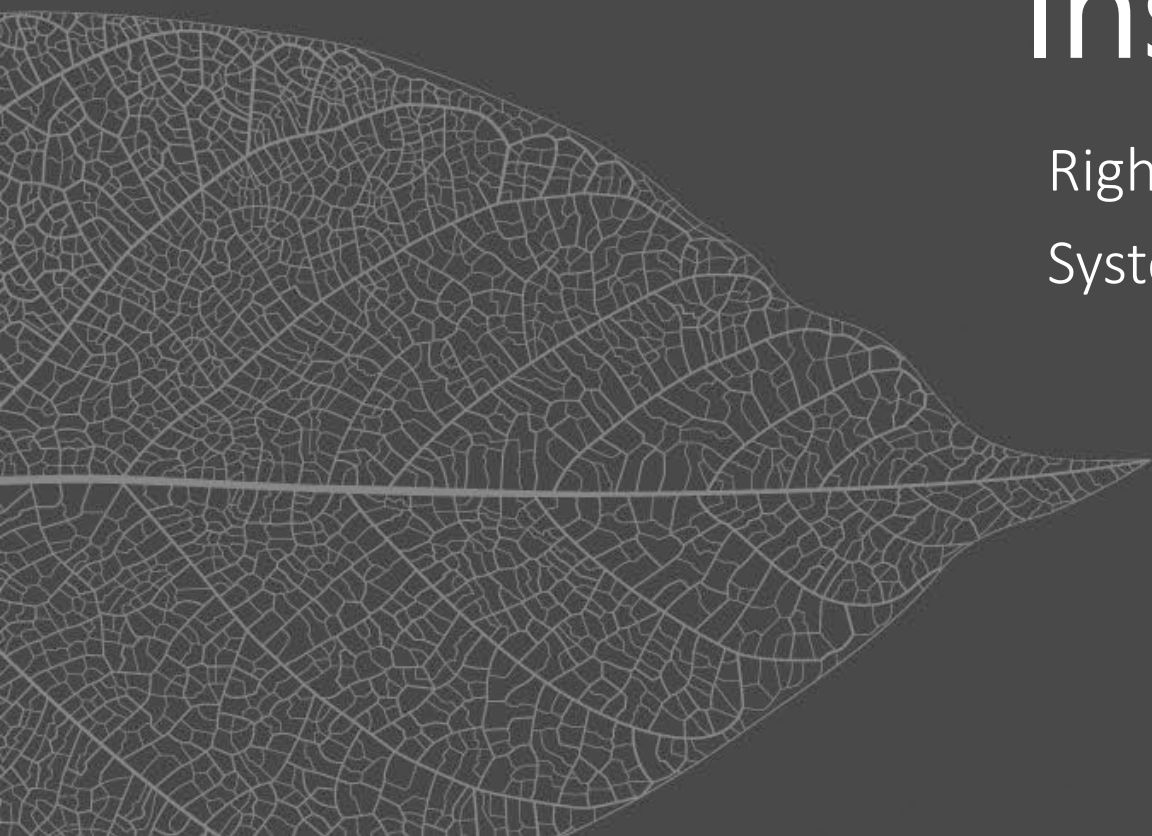
Instructions for Use

Rightest CARE - Diabetes Management System (DMS)

System Version: 2.12.1.0
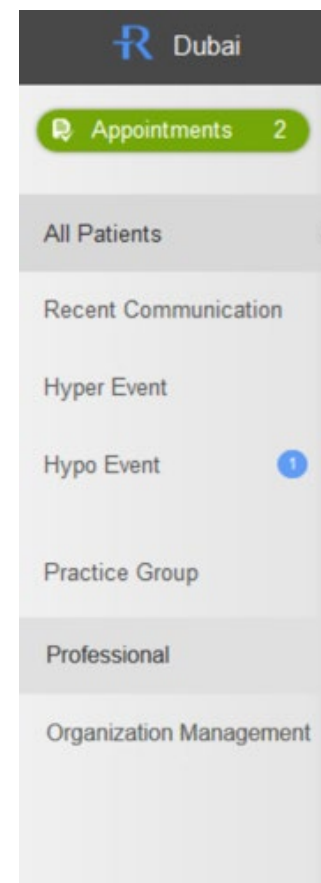
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1. General Information

Rightest CARE Diabetes Management System (DMS) is a versatile tool for the healthcare professional to enhance the total quality of health care Diabetes services by monitoring and managing patient glucose result easily and comprehensively.

1.1 Product Description

Features:
Complete blood sugar management
Intuitive statistics dashboard
Remote glucose monitoring

1.2 Intended Use

The Rightest CARE DMS is intended for use by healthcare professionals to view, track, manage data from Rightest CARE Bluetooth meter and build up a closer patient-doctor relationship to support an effective diabetes management program. Rightest CARE DMS is not intended to provide decisions about treatments or be used as a substitute for professional healthcare advice.

1.3 Supported Devices and System Requirements

Wireless network required.
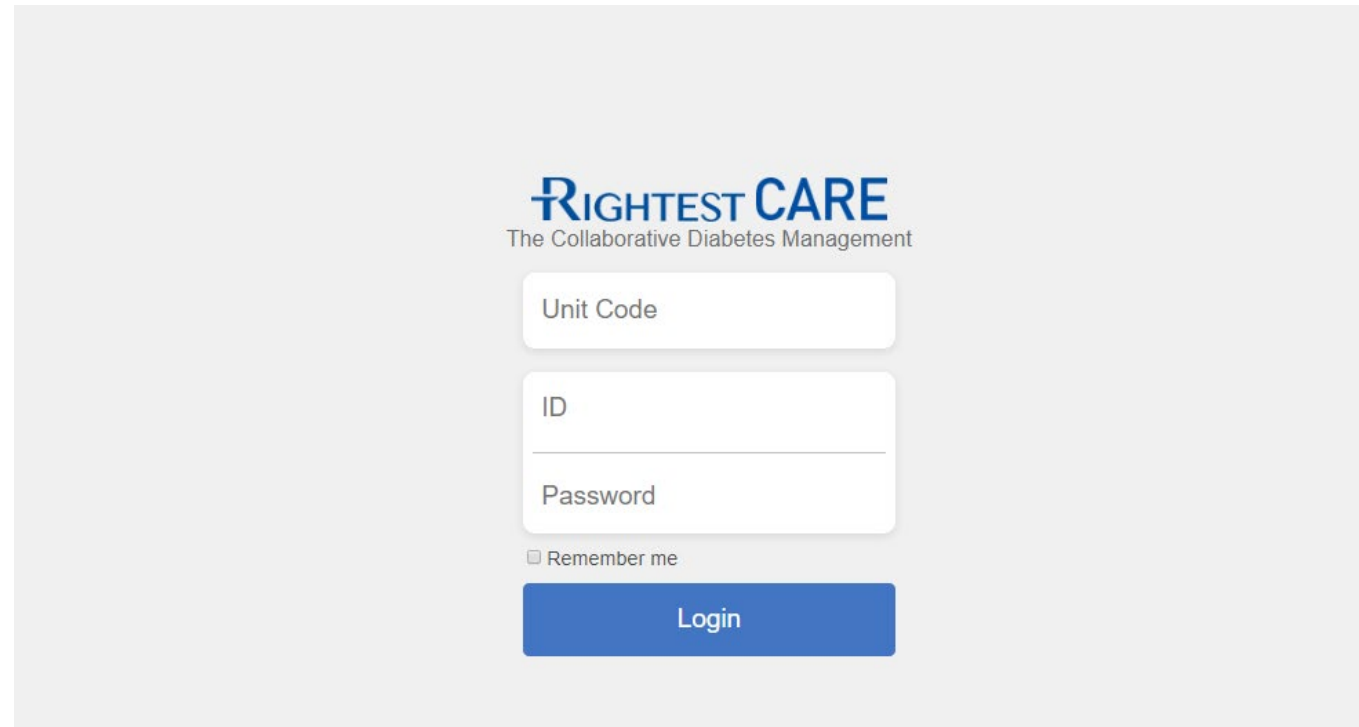Encryption data transmission through cloud by Google Web Service (GWS).

2. Getting Started

2.1 Obtain DMS Website Address

Receive DMS website address from Bionime sales team.

2.2 Sign Up for DMS

Contact with Bionime sales team to get Unit Code, approved ID and default password to log in.

3. Interface Introduction

Your organization/clinic name   Patient number of waiting to see doctor after "POCT testing"   Account management   Patient search   Login user name

Rightest CARE DMS homepage

3.1 Create Professional Account

Staffs in your organization can sign in DMS by their accounts to manage patients.

Click "Create Professional Account" button

3.1 Create Professional Account

Fill in the form to create a new professional account for staff to log in DMS.

Login ID: letter + number & Password: with capital letter + number

Create New Professional Account

Personal Info

*Name | Last Name | First Name

*Gender ◉ Male ○ Female

Mobile Phone | 🇺🇸 ▾ +1 201-555-5555

ID and Password

*Login ID

*Password

*Confirm Password

Professional Information

Type Of Profession | Please Select... ▾

- Please Select...
- Nurse
- Therapist
- Dietitians
- Certified Diabetes Educator
- Examiner
- Doctor
- Administration Staff
- Pharmacist

Professional License

Cancel | Create

RIGHTEST CARE
The Collaborative Diabetes Management

ID

Password

☐ Remember me

Login

3.2 Patient Account Management

3.2.1 "Adding" a New Patient

For patients who already registered Rightest CARE APP, the healthcare professional can monitor patient glucose data by inviting them to join DMS platform.

Click "Add Patient" button

3.2 Patient Account Management

3.2.1 "Adding" a New Patient

To add patients who already registered Rightest CARE APP into DMS platform, an authorization approval process is needed which means patients allow data sharing with clinics.

1. Enter patient's phone number
Add an existing patient

🇺🇸 ▾ +1 978-871-7844

Search

2. Add to member and system will send a code to patient via SMS.

Hsieh Mike.
9788717844

Add to Members

NOT THE RIGHT GUY
Back to search

3. Enter SMS code for authorization

Hsieh Mike.
(Authorized)

A temporary authorization code have sent to 9788717844
Enter the code to verify the approval of authorization.

609057

Send a new code

4. Authorization approved
AUTHORIZATION APPROVED

Hsieh Mike.
9788717844

DONE

3.2 Patient Account Management

3.2.2 "Creating" a New Patient

For patients without cell phone or Rightest CARE APP account, the healthcare professional can create a new account for them in DMS.

Click "Create New Patient" button

3.2 Patient Account Management

3.2.2 "Creating" a New Patient

If the patient

-has no cell phone; or

-has no Rightest CARE APP account

The healthcare professional can create a DMS account for this patient directly.

When the patient revisits clinic **with Rightest CARE APP account**, you will do:

1. "add patient" (3.2.1) in order to get patient authorization for data sharing; and

2. "merge account " (3.2.3) for patient registers both in APP and DMS

P.S. Please have patient real name for account ID instead of nick name.

3.2 Patient Account Management

3.2.3 "Merging" Patient Account

If the patient has both **DMS account (which means his/her account has been created earlier in DMS platform) and Rightest CARE APP account,** you can click to merge to one account.

Click "Merge Account" button

3.2 Patient Account Management

3.2.3 "Merging" Patient Account

Duplicate Rightest accounts are able to be merged when **Name, Gender, Birthday, Phone number**, 3 attributes must be the same to be deemed identical.

P.S. User real name for patient account ID is better than nick name.

3.3 Appointment

It refers to patient number of waiting to see doctor after "POCT testing".
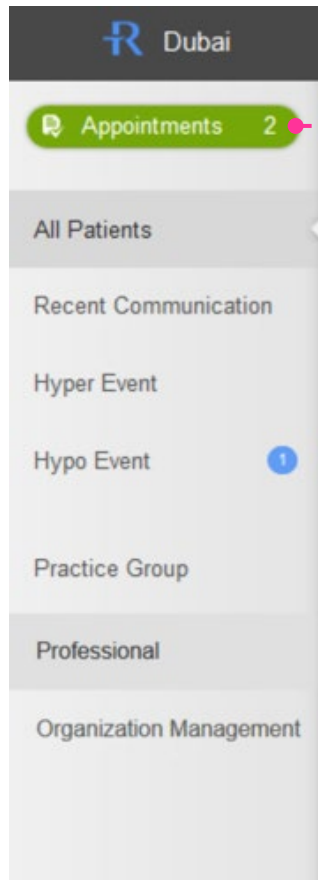
This information is for clinics using POCT.

3.4 All Patient

In this area, patients are ordered by the latest measurement upload time. Patient data is not allowed to be deleted since it is as medical record which should be kept by healthcare professional side.

The red mark means there is unread message from patient.

3.5 Recent Communication

In this area, Patients are ordered by the latest messages uploaded time with red mark. Click into one patient.

3.5 Recent Communication

Once patient **leaves message** in their APP, you can check message from chat room in the left bottom side of patient personal page, and there is a **gray dot** in front of the reading as notice in log book.

When patients **take notes** (upload photo, Carbohydrates and Exercise records…) in their APP, the reading will be shown in **bold**.

Note for diet, medicine, exercise under reading "158".

All message record will be shown in this chat room.

Click reading and to show the related information.

Message from patient under reading "158".

3.6 Hyper Event and Hypo Event

3.6.1 Hyper Event

There are additional editable two level glucose target range. By setting the two general target, and patient's personal individual target range, healthcare providers can be informed and quickly know the patient glucose status easily, further to provide instant help to patients.

Select time range

Select period

The percentage of times of Hyper happened in a week

3.6 Hyper Event and Hypo Event

3.6.2 Hypo Event

There are additional editable two level glucose target range. By setting the two general target, and patient's personal individual target range, healthcare providers can be informed and quickly know the patient glucose status easily, further to provide instant help to patients.

Select time range

Select period

The percentage of times of Hypo happened in a week

3.7 Practice Group

With the Practice Group function, healthcare provider can well manage patients by categorizing patients into specific group based on different group criteria. One patient is allowed to be placed in more than one practice groups.

For Medical Professionals to Create and Manage Patient Groups

3.7 Practice Group

3.7.1 Icon description of Practice Group

Below graph represents a practice group status. You can create groups for your organization, decide which patient to be included in and you can invite or assign specific healthcare provider to be responsible for this group.

All measured results in Practice Group are included and calculated in average

Practice Group Name/Title

Practice Group Subtitle

Bionime Hospital

ER

Healthcare staffs in Practice Group
(number of staff who has the right to see patient list)

Patients in Practice Group
(number of patient in this group)

Average **138** mg/dL

8   7

15%   70%

Numbers of Patients that happen with hypo/hyper glucose in a day.
(**By daily calculate**)
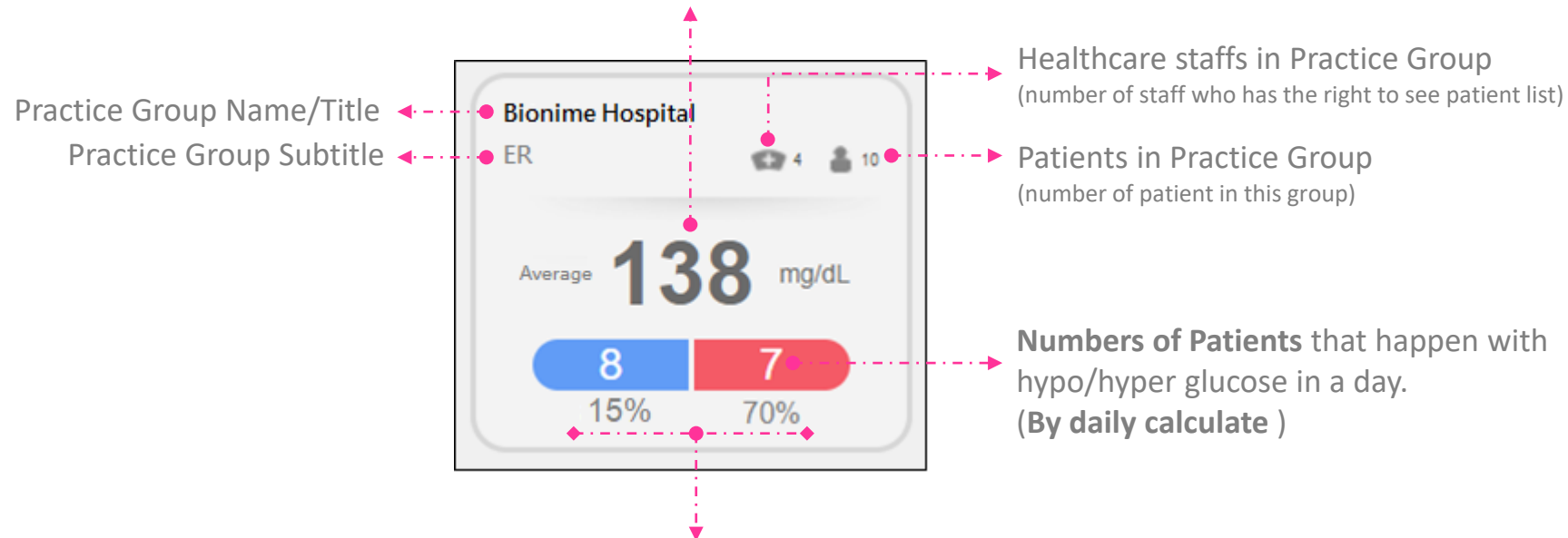
Percentage: **Calculation** of times of all hypo & hyperglycemia events from glucose measure results.
Upon adding patients to the Practice Group, results are analyzed and available for review.

3.7 Practice Group

3.7.2 Create New Practice Group

Click setting button in the right upper corner to create new group.

Practice Group → Setting → Create New Group

3.7 Practice Group

3.7.2 Create New Practice Group

Create new Practice Group, add remark (Title, Subtitle)

Setting up critical blood glucose range for this Practice Group

3.7 Practice Group

3.7.3 Add patient to practice group

In the practice group page, select one group and click into it.

3.7 Practice Group

3.7.3 Add patient to practice group

After click into one practice group, you can find the setting button in the left upper side, please choose "Add Patient". Patients can be selected and added in the Practice Group.

3.7 Practice Group

3.7.4 Edit Staff

Choose "Edit Staff" so that you can add staffs into this practice group. Only staffs in group have the right to see all the information of this groups.

Healthcare staffs number in this practice group

3.7 Practice Group

3.7.5 Edit Group Info.

Edit group name and blood glucose range if needed.
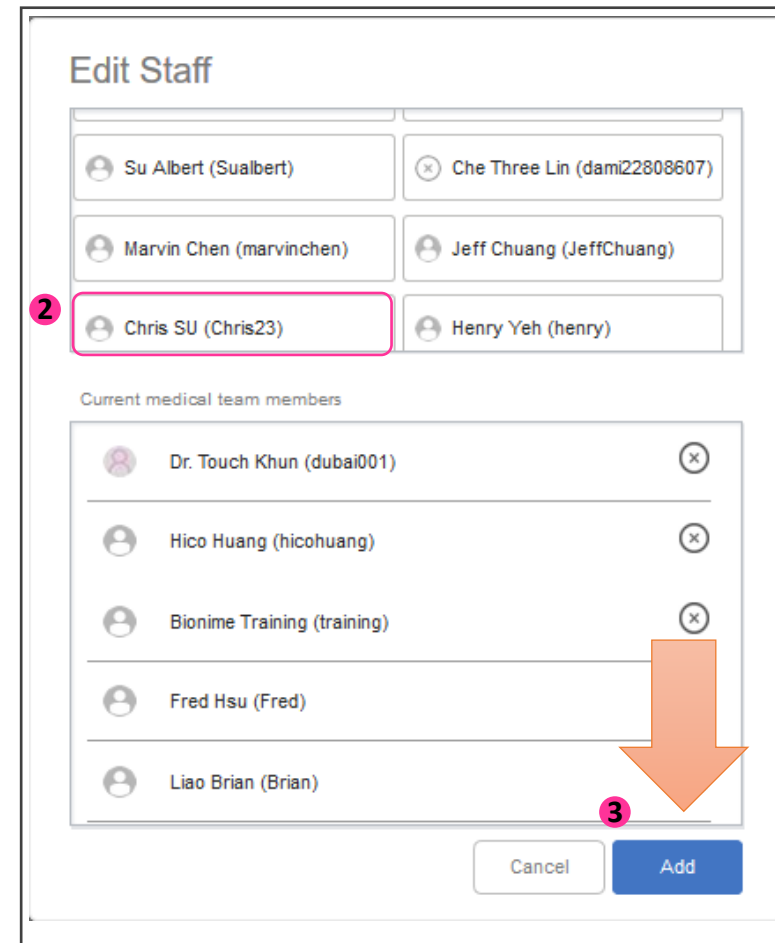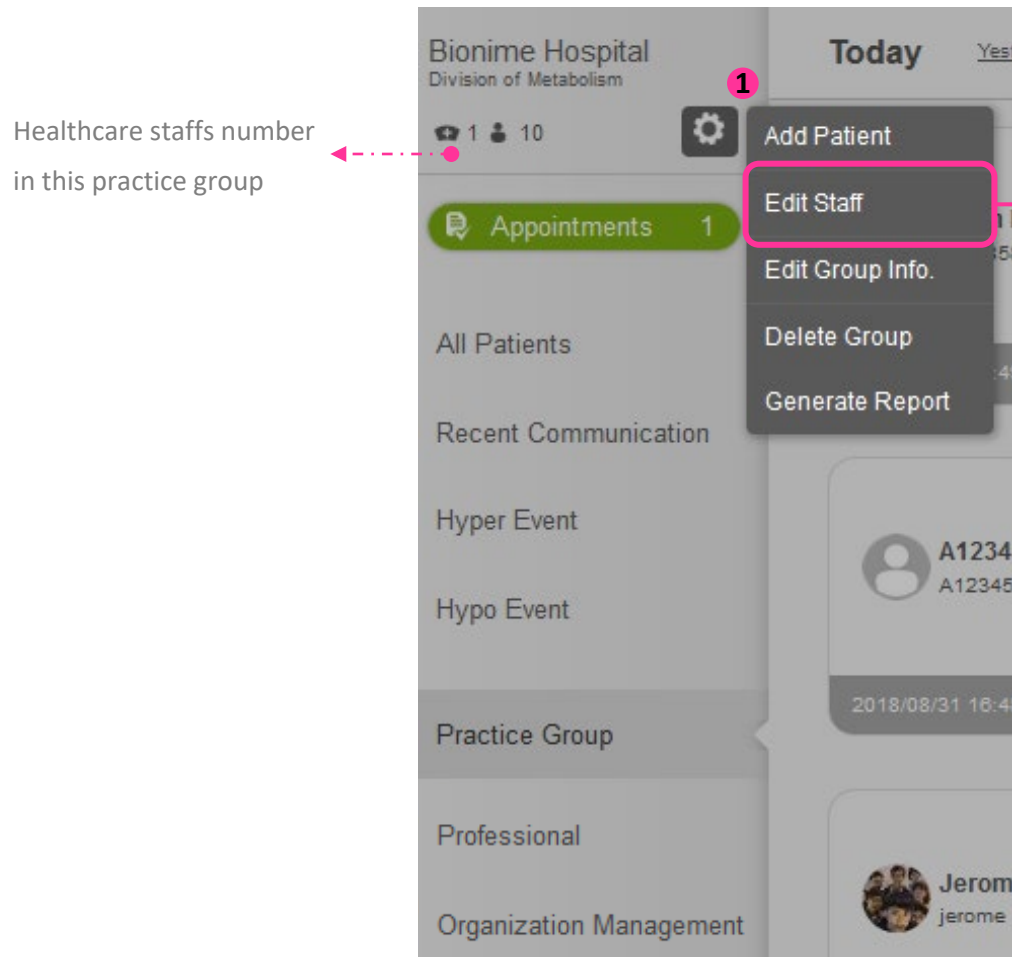
3.7 Practice Group

3.7.6 Delete Group

Delete the group but patient info and measurement data will not be deleted in the organization.
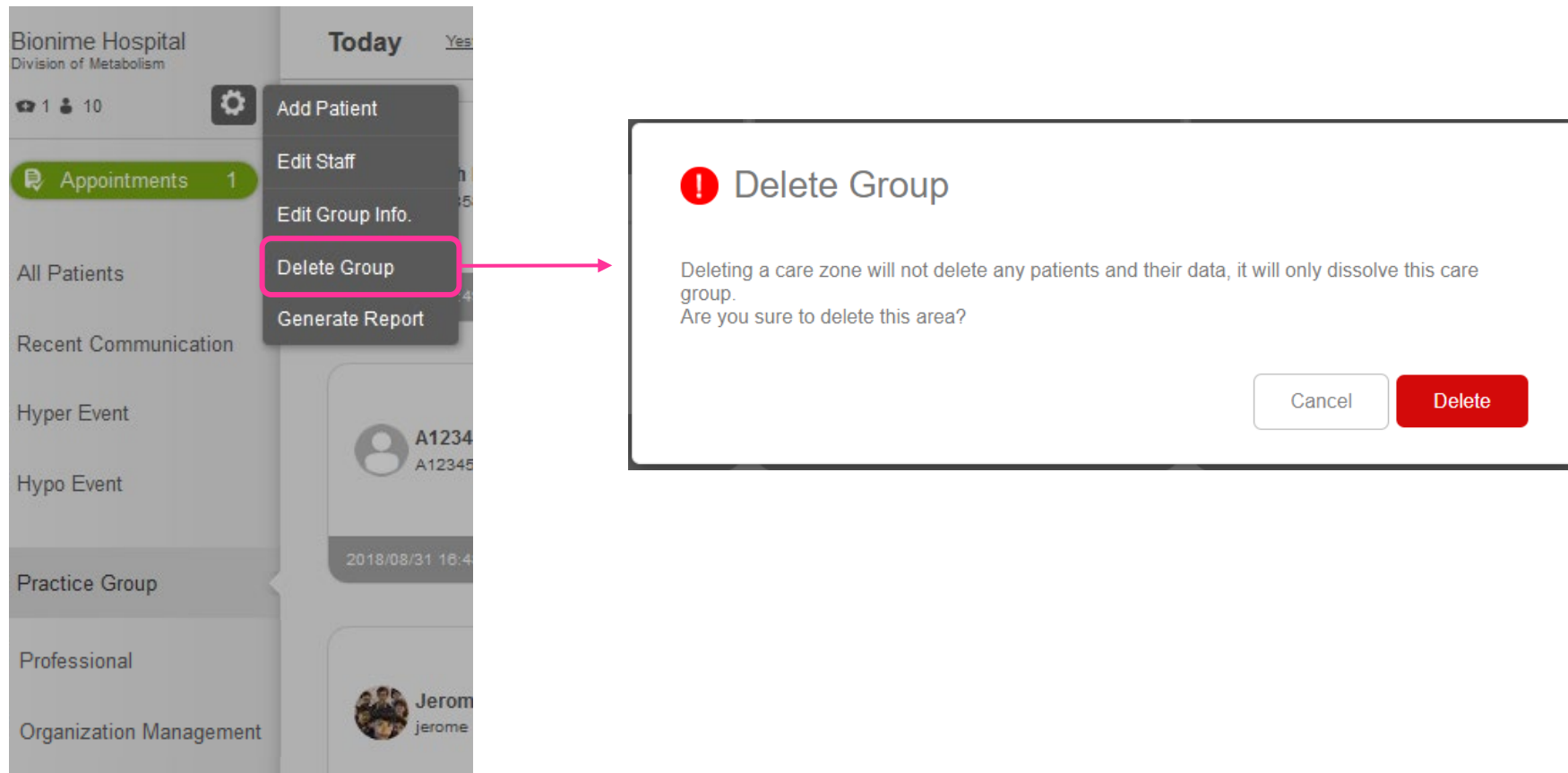
3.7 Practice Group

3.7.7 Generate Report

Select "Generate Report", choose time range and report personnel to generate report.

Report format supports PDF, CSV and Excel.

3.7 Practice Group

3.7.8 Manage Patient

1. Select and enter into any Practice Group

2. Patient in the group can be numbered

Check data of today, yesterday, in 3 days and in 1 week.

Select "Only Show the last measurement result"

Review patient by list

Join date to this practice group

3.7 Practice Group

3.7.9 Icon Definition of Patient in Practice Group

Blood glucose range with outer frame or background color indicates if the readings are within or beyond personal target range and practice group range.

Over/below personal target range

→ Outer frame

W88

Vicky (32 y/o)
0928905563 📱

184-197(100.0%)

2018/07/10 13:13:51 348 days ago
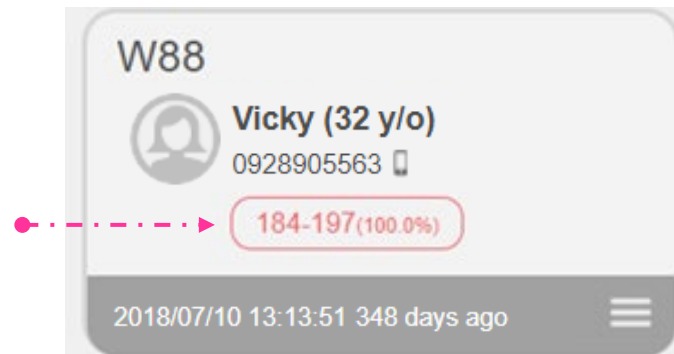
Over/below care area target range

→ Background color

G777

Ben Ben (8 y/o)
yctest2 📱

28-75(8.33%)   132-266(37.5%)

2018/05/28 10:19:18 392 days ago

Note

Dangerously low ≦ 70
(Default 70, setting by practice group)

Low level
(personalized)

High level
(personalized)

≧ 250 Dangerously high
(Default 250, setting by practice group)

Below practice group target range	Low	Target range	High	Over practice group target range
Dangerously low	low		high	Dangerously high

3.8 Professional Management

Each healthcare staff can see and edit himself/ herself information in this area.

The healthcare staff can select to receive emergency SMS when patient's reading is below or over the range.
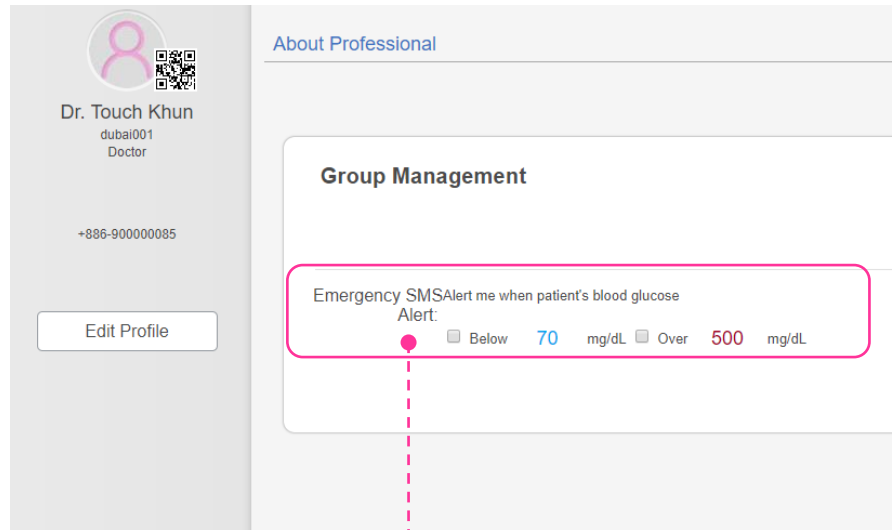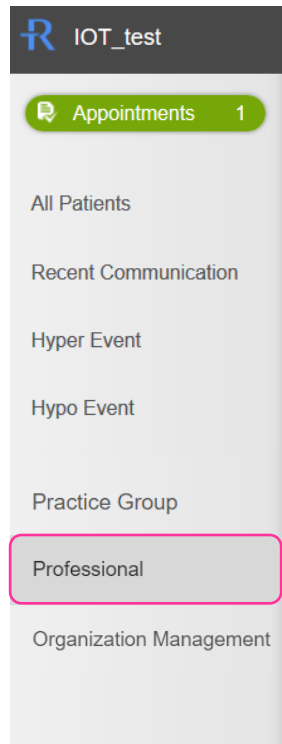
Healthcare professionals can decide if they need to receive alert SMS when patient's reading is beyond the range
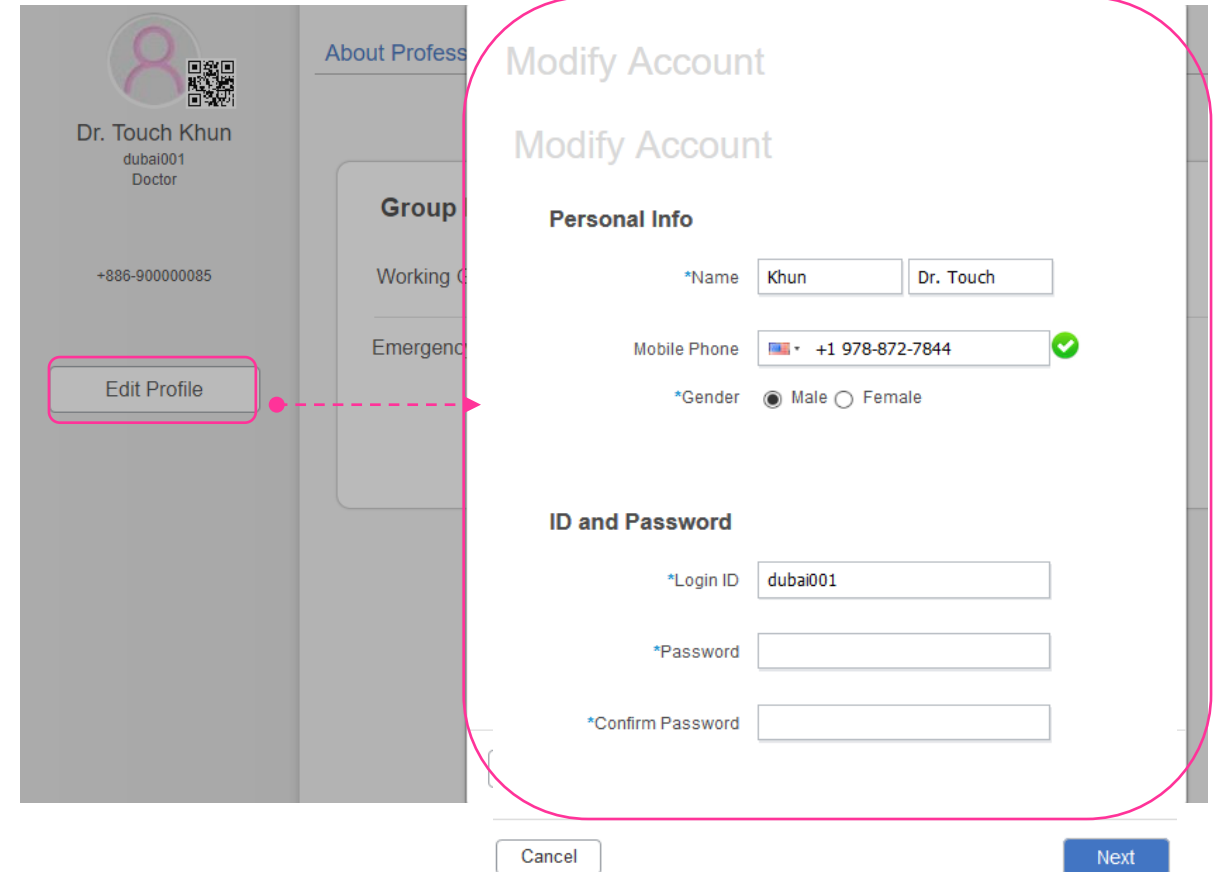
3.9 Organization Management
Edit organization information and preference

4.1 Patient Blood Glucose Monitoring – Log Book

4.1.1 Glucose Summary Pattern

Click icon [Close ⌃] in the upper right corner in patient blood glucose log book page and find summary.

Dangerously Low   Very Low   Very High   Dangerously High
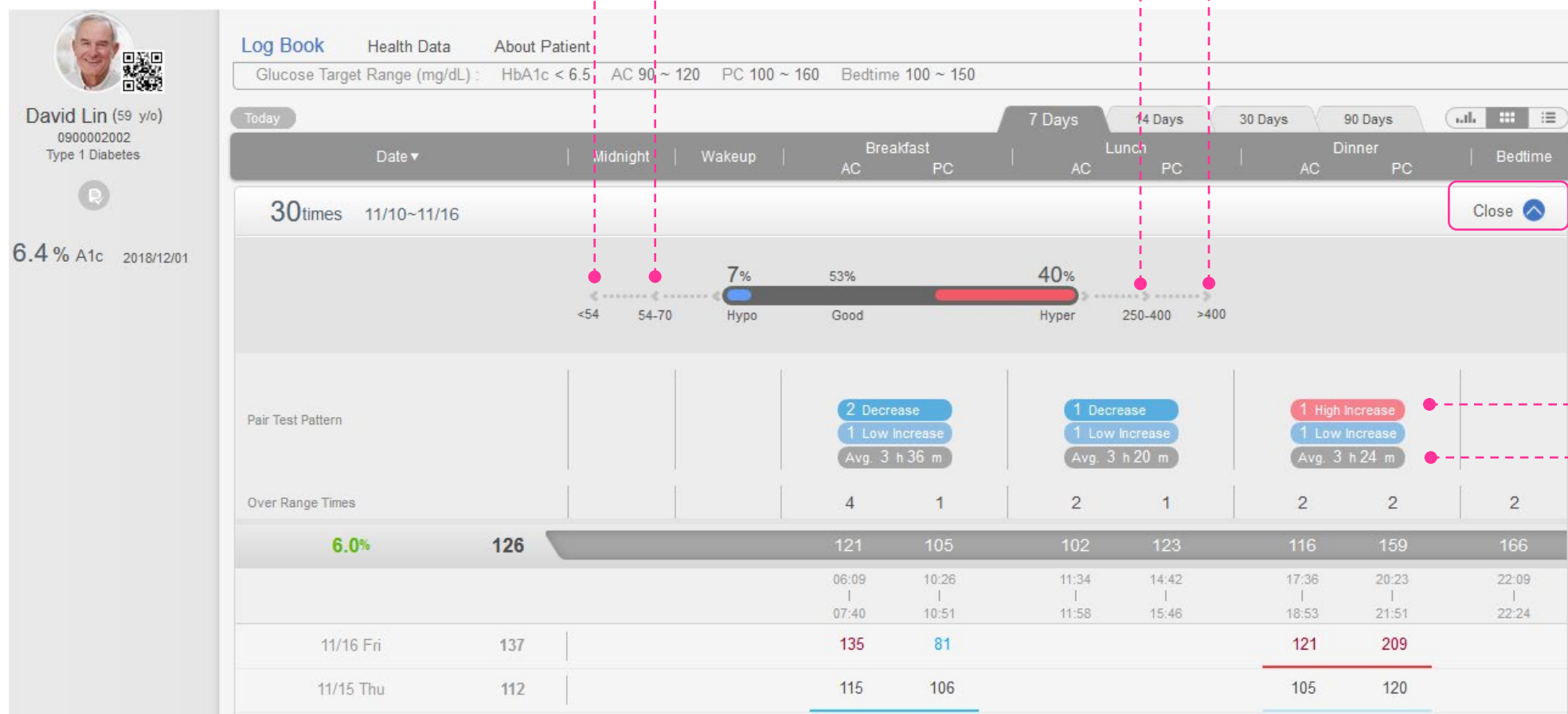
Glucose variation of the **paired meal testing**

Average time difference of the **paired meal testing**

4.1 Patient Blood Glucose Monitoring – Log Book

4.1.2 Smart Log Book

You can find patient blood glucose testing records in this page.

Avg. Glucose in 7 days

Avg. Glucose in 7 days in before Breakfast

Personal target range

Time range

Statistic chart & list

Estimated HbA1c

Real HbA1c

Note for paired meal testing:

1. 86   140
2. 133   151
3. 132   102
4. 101   188

1. Without bottom line   : normal increase after meal
2. Light Blue bottom line : low increase after meal
3. Dark Blue bottom line : decrease after meal
4. Red bottom line   : high increase after meal

Glucose readings and the patterns of paired meal testing
Reading in blue color: hypo
Reading in red color: hyper

37

4.1 Patient Blood Glucose Monitoring – Log Book

4.1.3 Daily Glucose Pattern

You can find patient blood glucose testing records in this page.
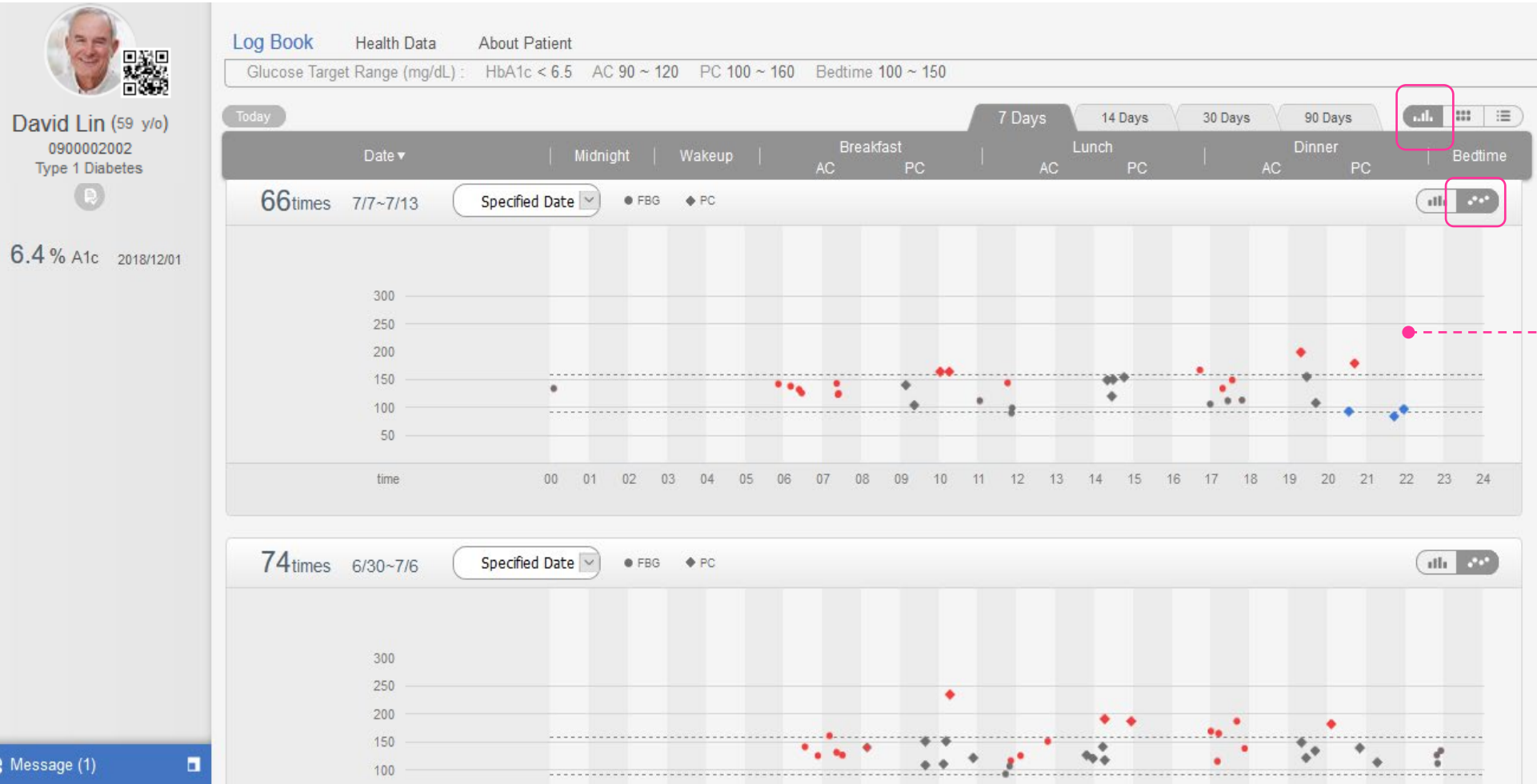
Glucose result over the 24 hours of a day

4.1 Patient Blood Glucose Monitoring – Log Book

4.1.4 Daily Period Glucose Variation

You can find how patient glucose variation over the period of a day quickly through the indication of color.
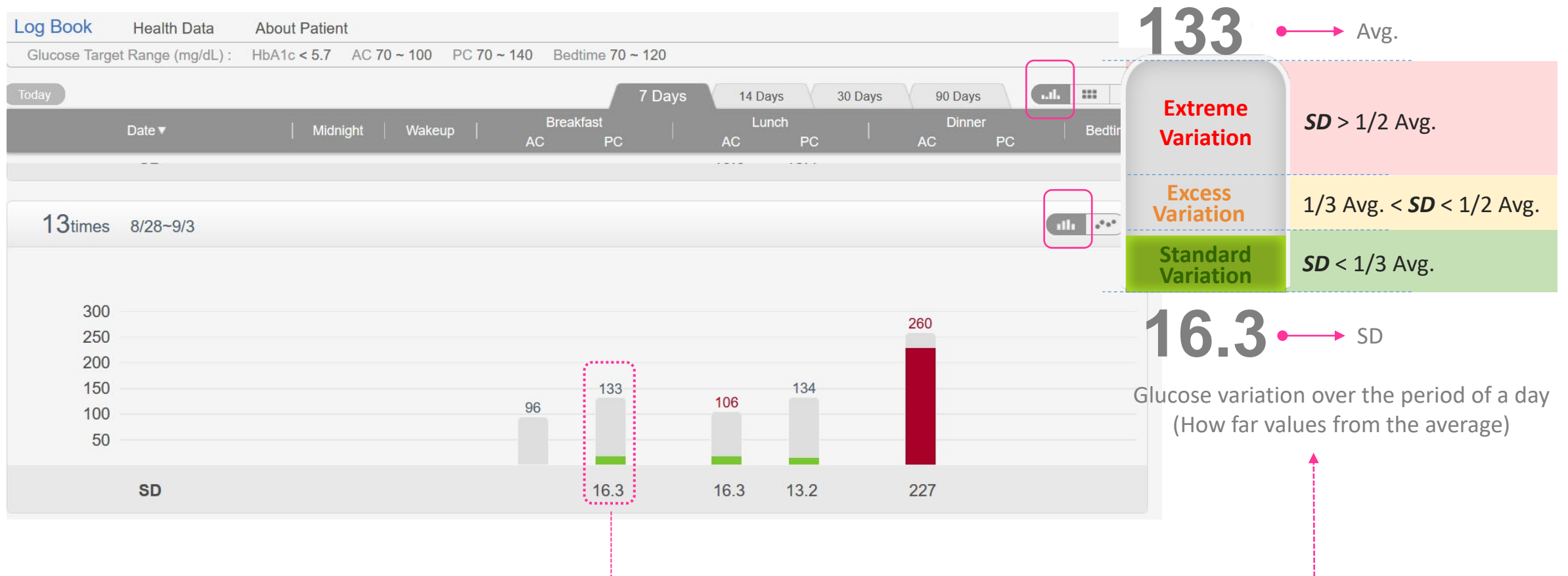
4.2 Patient Blood Glucose Monitoring – Health Data

In Patient Health Data page, click "Configure Health Data" button in the upper right side to add in options in your dash board. Then click "Add Health Data" to type in data.

Only "HbA1c" will be shown in patient's Rightest CARE APP.

4.3 Patient Blood Glucose Monitoring – Remark

In Patient "Remark" page, you can write notes here for more patient information or medicine record.

| Log Book | Health Data | Remark | About Patient |

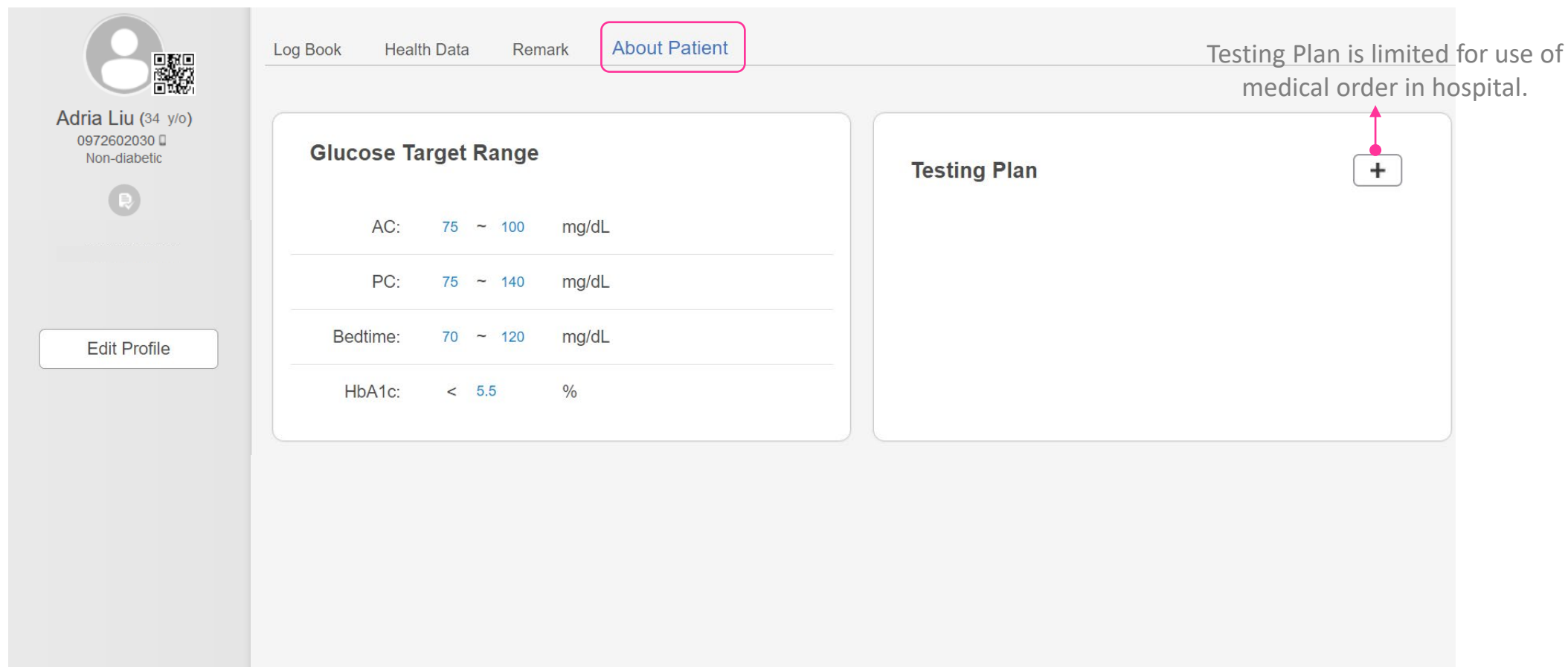**Adria Liu** (34 y/o)
0972602030 📱
Non-diabetic

2019/06/27

What are you going to remark?

Post

4.4 Patient Blood Glucose Monitoring – About Patient

In "About Patient" page, you can edit personal glucose target range.

P.S. Patient glucose target range is better to be decided after discussion from both patient and healthcare professionals. When patient is invited to DMS for caring, glucose target range in patient's APP will be synchronized with DMS, after that, data will not be synchronized automatically when data is changed from either one side of DMS or APP.

Adria Liu (34 y/o)
0972602030
Non-diabetic

Edit Profile

Log Book   Health Data   Remark   **About Patient**

Testing Plan is limited for use of medical order in hospital.

Glucose Target Range

AC:	75 ~ 100	mg/dL
PC:	75 ~ 140	mg/dL
Bedtime:	70 ~ 120	mg/dL
HbA1c:	< 5.5	%

Testing Plan   +

Thank you

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