



INSTRUCTIONS FOR USE
GLOOKO® FOR CLINICS

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Intended use

The Glooko Web Application is a diabetes management platform that can be used in-clinic or remotely by Health Care Professionals and patients. It allows viewing of patient data from compatible medical devices and other health monitoring devices. It also allows Health Care Professionals to support the treatment of diabetes through analysis and monitoring of a patient's diabetes therapy and Care Programme. Glooko Mobile is intended for use by individuals with diabetes.

Intended users

Glooko Web is intended for use by Health Care Professionals and their patients. The intended patient population is individuals with diabetes.

Contraindications

None known.

Clinical benefits

Patients who use the Glooko System may experience the following clinical benefits:

- Improvement in glycaemic control
- Improved A1C
- Sustained glycaemic improvements

Warnings

Glooko does not measure, interpret or make decisions on the data it conveys, nor is it intended to provide automated treatment decisions or be used as a substitute for professional judgement. All medical diagnosis and treatment are to be performed under the supervision and oversight of an appropriate healthcare provider.

1. How to Start Using Glooko®

Glooko is a Unified Platform for Diabetes Management that seamlessly synchronises glucose and other relevant health data from popular blood glucose (BG) meters, insulin pumps and Smart Pens, continuous glucose monitors (CGMs) and health and fitness devices. Glooko's solution provides key insights into correlations between patient glucose trends and their carb intake, insulin dosage, exercise and other biometric factors – enabling care teams to make more informed decisions that improve the overall quality of diabetes care. By illuminating issues, Glooko enables providers to more effectively optimise and manage their entire diabetes population during and in between appointments.

NOTE: Some screens may vary based on additional features added to your subscription. For more information, see [Appendix 1: Add-On Features](#).

1.1. Performance characteristics

The Glooko Web Application maintains a minimum service uptime of 99%.

1.2. Compatibility

Operating Systems

For each Operating System and web browser below, Glooko supports the latest version as well as the version preceding that (as of this document's release date).

Computer Operating Systems:

- macOS
- Windows

Web browsers:

- Google Chrome
- Microsoft Edge
- Firefox
- Safari

For the best performance, we recommend using Google Chrome.

Device compatibility

To determine patient diabetes device compatibility, consult the [Glooko Compatibility](#) page. The complete Glooko System is comprised of the following Glooko products:

- Glooko Web Application (REF-0001)
- Glooko Mobile Application (REF-0002)
- Glooko Research Application (REF-0009)

**May not be available in your country.*

IT and security

Glooko requires a username and password for Professional users accessing their accounts. Do not share your username or password with anyone. It is recommended that two-step verification be activated (refer to Section A.8).

1.3. Identify your Clinic Upload Tool

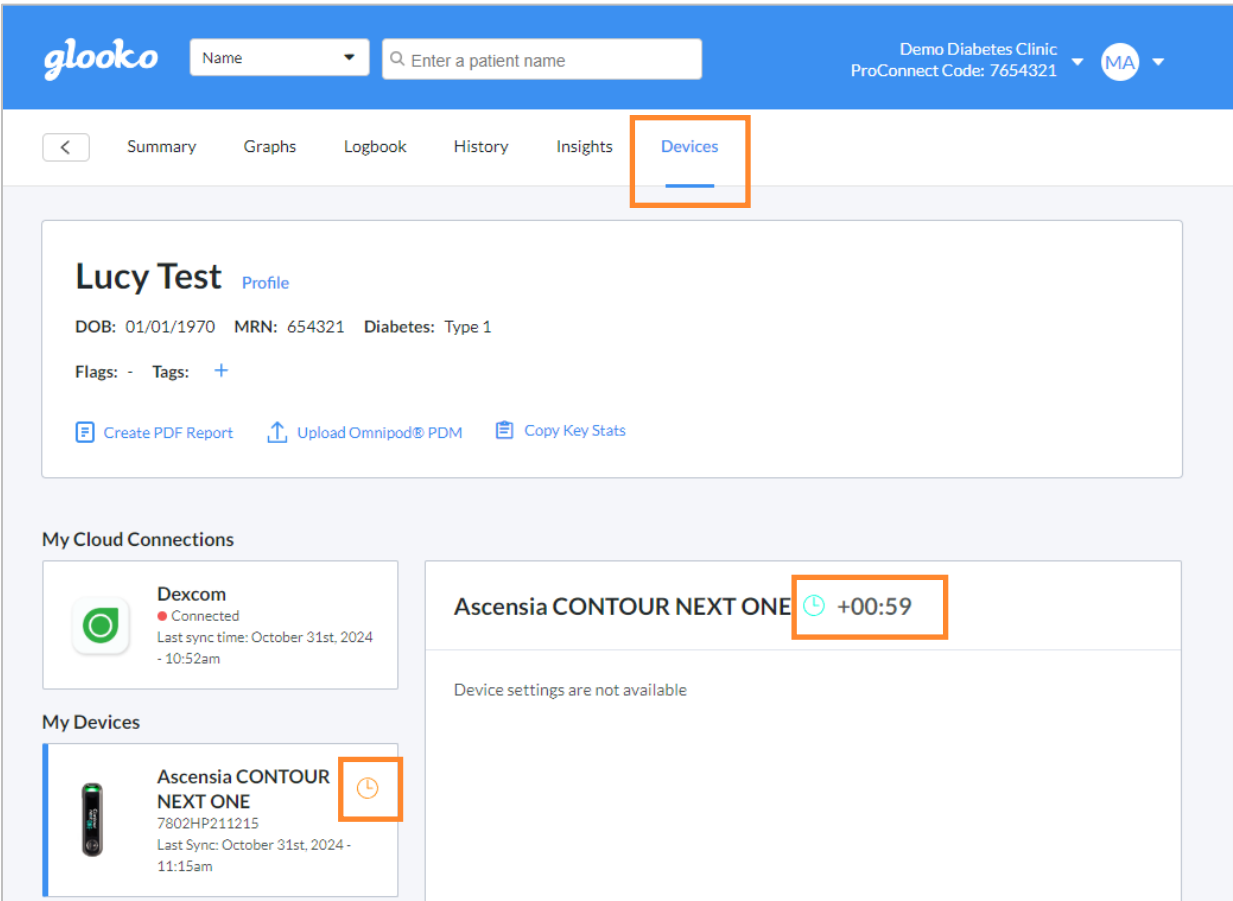
The process for uploading patient diabetes data will vary based upon your clinic's upload tool. Consult the applicable Instructions for Use for detailed instructions on how to use each tool to upload data:

- [Glooko Transmitter](#)
- [Glooko Uploader](#)

1.4. Upload and View Patient Diabetes Data

Once you have familiarised yourself with diabetes device compatibility and your clinic’s upload tool, follow the steps below to begin uploading patient diabetes data to Glooko:

NOTE: Having the wrong time or date on the diabetes device can cause issues when trying to sync with Glooko. When first viewing patient data within the Glooko Web App, confirm that the data timestamps within the app correspond to the timestamps on the patient’s diabetes device. In the **Devices** tab of the patient’s account, you can confirm that there is no time offset alert (clock icon) for physically uploaded devices.



Step 1: Connect and Upload a Diabetes Device

Connect a patient's diabetes device to your [clinic upload tool](#) and initiate the upload process according to the steps outlined in the applicable Instructions for Use.

Once the diabetes device data has uploaded, go to my.glooko.com in your web browser and log into your Population Tracker to assign or view the uploaded data.

NOTE: If [single sign-on](#) is enabled for your clinic, click **Log In with SSO**, enter the email address associated with your account and follow the on-screen prompts.

Healthcare professionals connected to several clinics can sign in with the same credentials and then pick the desired clinic after login. The option to change clinic is located in a drop-down menu in the top right-hand corner where the ProConnect Code is displayed.

The screenshot shows the Glooko login interface. At the top, the Glooko logo is displayed in white on a blue background, with the tagline "Makes Diabetes Management Easier" below it. The main content area is white and contains a "Log In" form. In the top right corner of the form, there is a language selection dropdown menu currently set to "English (UK)". The form itself has a title "Log In" and two input fields: "Email (Username)" and "Password". The password field includes a visibility toggle (an eye icon) and a note: "Minimum 8 characters, 1 number and 1 special character (!@#)". Below the password field, there are two links: "Forgot Password" and "Didn't receive unlock instructions?". A prominent blue "Log In" button is centered below the form. Underneath the button, there are two more links: "Log In with SSO" and "Don't have an account? Sign up for Glooko here".

Step 2: Assign Device Data to a Patient

NOTE: This step applies to Glooko Transmitter and Uploader users only. All other users can skip ahead to [Step 3](#).

Assign Devices

Click the **Assign Devices** tab to view a list of all devices uploaded within the last 24 hours. Here, you have the option to filter by **Terminal** (serial number) or **Device Type** (CGM, Meter or Pump).

Glooko will attempt to match uploaded devices to a patient based on the device's serial number.

- **If a match is found:** You will have the option to **Assign to [Patient Name]** or **Assign to Other Patient**.
 - After clicking **Assign to Other Patient**, you will be prompted to search for an existing patient account or [create a new patient account](#).
- **If a match is not found:** The device will be flagged as a **New Device**, and you will have the option to **Assign**.
 - After clicking **Assign**, you will be prompted to search for an existing patient account or [create a new patient account](#).

Once a device is assigned, it will move from Unassigned to Recently Assigned. You will have the option to view the patient account, **Create Report** or **Unassign**.

Assign Devices (3)		View Patients	
Terminal	Device Type		
Filter by	U39637637	CGM, Meter, Pump	Refresh List
Device Type	Last Sync	Assignment	
Unassigned			
OmniPod Pump 130337586	2:53 PM U39637637	Assign to Lucy Test 01/01/1970	Assign to Other Patient
OneTouch VerioIQ Meter TGKFX1T7	2:52 PM U39637637	Assign to George Testerson 06/10/1962	Assign to Other Patient
Contour Next Link US Meter 6203-C16DAE	11:45 AM U39637637	New Device	Assign
Recently Assigned			
✓ Ascensia Contour Next One Meter 7830H6130960	11:48 AM U39637637	Lucy Test 01/01/1970	Create Report Unassign

NOTE:

To prevent errors and data inconsistencies, Glooko now blocks multiple device assignments from being made simultaneously for the same patient. If a device assignment is already in progress, all assignment options for that patient will be temporarily disabled until the current assignment is completed or cancelled.

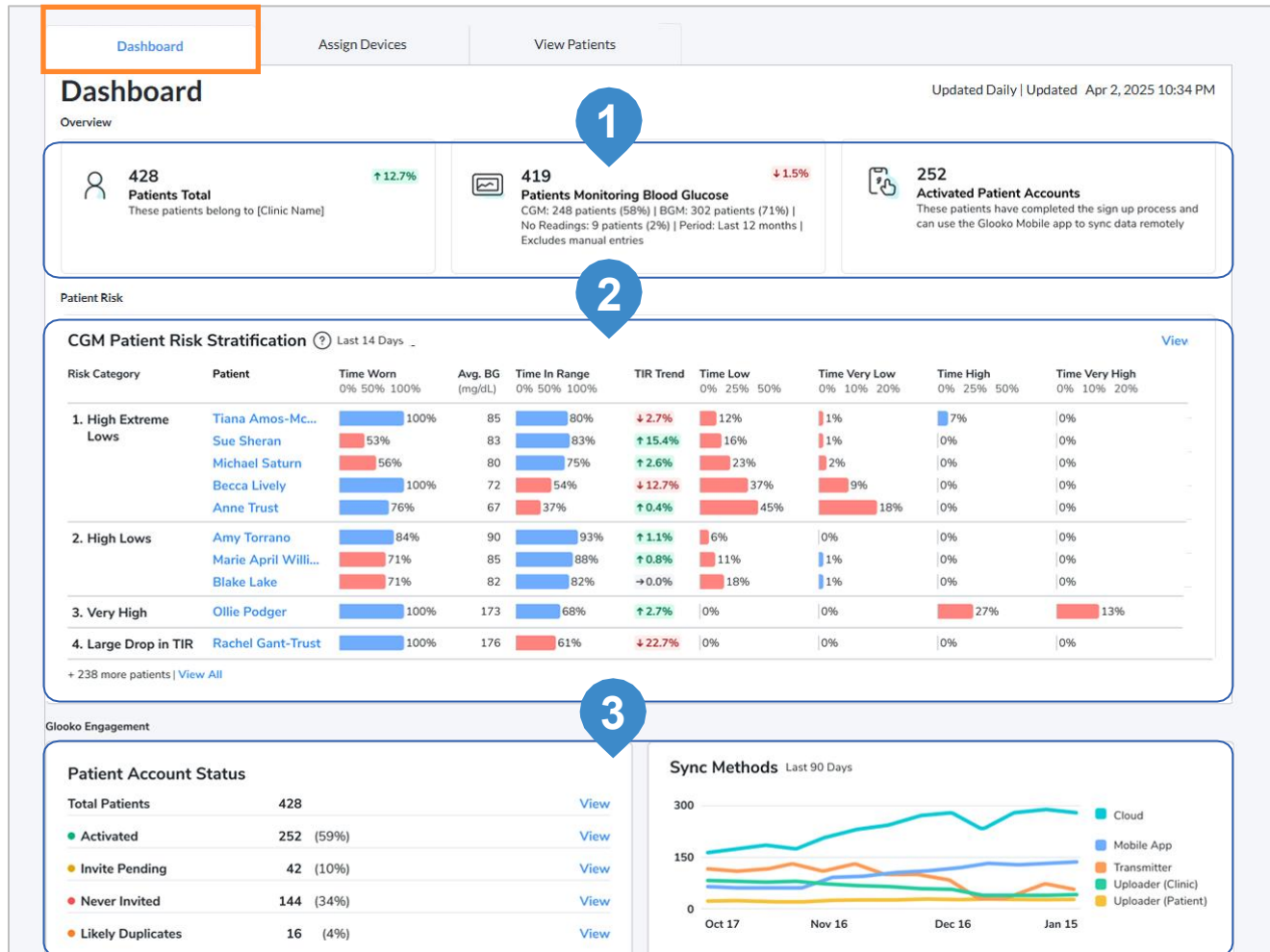
Unassign Devices

If you assign a device in error and need to unassign it from a patient's account, click **Unassign** beside the device in the Recently Assigned section. The device will move from Recently Assigned to Unassigned, and all data associated with that upload will be removed from the patient account. You will then have the option to assign the device to a different patient.

NOTE: Click **Refresh List** to update the list of Assigned and Unassigned devices.

Step 3: Get an overview of your patient population with the Clinic Dashboard*

The Clinic Dashboard gives healthcare professionals a centralised view of their clinic's patient population. It displays data from the past 14 days and is updated daily.



The dashboard is available as a tab in the Population Tracker and consists of three main sections:

1. Population metrics:

This section displays key metrics that summarise the current status of the clinic's patient population:

- **Patients total:** The total number of patients in the Population Tracker, including the percentage change in the last 14 days.

- **Patients monitoring blood glucose:** Number of patients using CGM or BGM devices, showing the percentage change in the last 14 days. Only patients with at least one data entry in the past year are included.
- **Activated patient accounts:** The total number of patients who have activated their accounts.

2. CGM patient risk stratification

This section displays a summary of the top 10 patients ranked by clinical risk, based on CGM data. These patients are sorted into risk groups to help prioritise care. A "View all" option allows users to access the full patient list.

Each patient entry shows:

- Patient name
- Time worn (% of time CGM was worn)
- Average BG (mg/dL)
- Time in range (TIR %)
- TIR trend (Change in TIR compared to the previous 2-week period)
- Time below range:
 - Below 70 mg/dL
 - Below 54 mg/dL
- Time above range:
 - Above 180 mg/dL
 - Above 250 mg/dL

Patients are grouped and prioritised by the following risk categories:

1. **High extreme lows:** >1% time below 54 mg/dL (CGM worn >50%)
2. **High lows:** >4% time below 70 mg/dL (CGM worn >50%)
3. **Very high:** >5% time above 250 mg/dL (CGM worn >50%)
4. **Large drop in TIR:** TIR decreased by >15% compared to the previous 2 weeks
5. **High:** >25% time above 180 mg/dL (CGM worn >50%)
6. **Low TIR:** TIR <65%
7. **Missing/insufficient data:** CGM worn <50%
8. **No alerts:** Patient does not meet any of the risk criteria above

3. Engagement

This section helps track patient interaction with the Glooko platform.

Patient account status:

- Displays how many patients fall into the following categories:
 - Activated
 - Invite pending
 - Never invited
 - Likely duplicate
- Each status can be clicked to filter the patient list.

Sync methods (last 90 days):

- Shows a line graph of how patients have synced data using:
 - Cloud
 - Mobile
 - Transmitter
 - Uploader (clinic)
 - Uploader (patient)

** May not be available in your country.*

Step 4: View Patient Diabetes Data

View Patients

The Patient List displays a list of all patients who are ProConnected to your clinic (connected via your clinic's unique [ProConnect Code](#)). This provides an at-a-glance view of your patient population.




To locate specific patients, select **Name**, **MRN** or **Date of birth** from the drop-down menu at the top of the page and enter your search criteria into the search field. You can also click **Filter Patients** to filter your results by tags or other attributes, or sort patients by clicking on any of the column headers.

The **Last sync** column will display a house icon for patients who last synced at home and a clinic icon for those who last synced at the clinic. It will also show the number of days since the last sync and the name of the synced device.

The **Time in range** column will show the percentage of time that the patients are within their target range. If you hover over the percentage, additional details will be provided, such as the date range, average daily readings and target range.

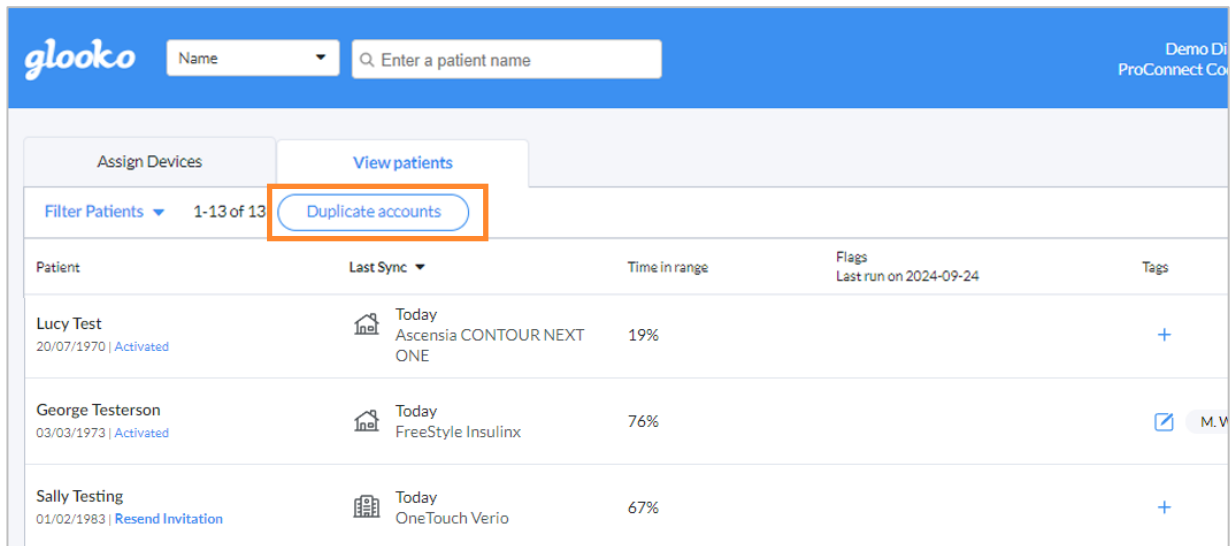
The Population Tracker provides filtering and tracking options, including the ability to create custom tags and invite patients from the Patient List.

The screenshot shows the Glooko interface. At the top, there is a blue header with the Glooko logo, a dropdown menu labeled 'Name', and a search bar with the placeholder text 'Enter a patient name'. On the right side of the header, it says 'Demo ProConnect'. Below the header, there are two buttons: 'Assign Devices' and 'View Patients'. The 'View Patients' button is highlighted with an orange border. Below the buttons, there is a table with the following columns: 'Patient', 'Last Sync', 'Time in Range', 'Flags', and 'Tags'. The table contains three rows of patient data:

Patient	Last Sync	Time in Range	Flags	Tags
Lucy Test 06/19/1942 Activated	 2 days ago Test Meter TEST DEVICE	28%		+
George Testerson 05/21/1998 Activated	 3 days ago Insulet Omnipod® System	65%		+
Sally Testing 01/01/1971 Resend Invite	 10 days ago Ascensia CONTOUR NEXT USB	54%		+

Duplicate accounts

As an administrator at your Clinic, you have the ability to identify and remove duplicate accounts. Follow the steps below to identify possible duplicate accounts and remove them.



The screenshot shows the Glooko ProConnect Clinician interface. At the top, there is a search bar with the text 'Name' and a search icon, and a search input field containing 'Enter a patient name'. Below the search bar, there are two tabs: 'Assign Devices' and 'View patients'. The 'View patients' tab is active, and a 'Duplicate accounts' button is highlighted with an orange box. Below the tabs, there is a table with columns: Patient, Last Sync, Time in range, Flags, and Tags. The table contains three rows of patient data:

Patient	Last Sync	Time in range	Flags	Tags
Lucy Test 20/07/1970 Activated	Today Ascensia CONTOUR NEXT ONE	19%	Flags Last run on 2024-09-24	+
George Testerson 03/03/1973 Activated	Today FreeStyle Insulinx	76%		[edit] M.V
Sally Testing 01/02/1983 Resend Invitation	Today OneTouch Verio	67%		+

1. Click the **Duplicate accounts** button in the **View patients** tab.
2. A list of potential duplicate accounts will appear. Click **Fix** to review further.
3. Review the likely duplicates and their identifiable metrics, such as first name and surname, date of birth and any devices synced in the past. On the right, choose to **Keep** or **Remove** the account.
4. You also have the option to **Edit** the following patient information: first name, surname, date of birth and MRN.
5. When you are done editing and reviewing the accounts, click **Review changes**.
6. A summary of the changes will be displayed. Tick the box confirming that you understand these changes cannot be undone, then click **Save**.
7. The marked duplicates will now be removed.
8. Continue reviewing other potential duplicates or click the **Duplicate accounts X** button to return to the standard **View patients** view.

NOTE:

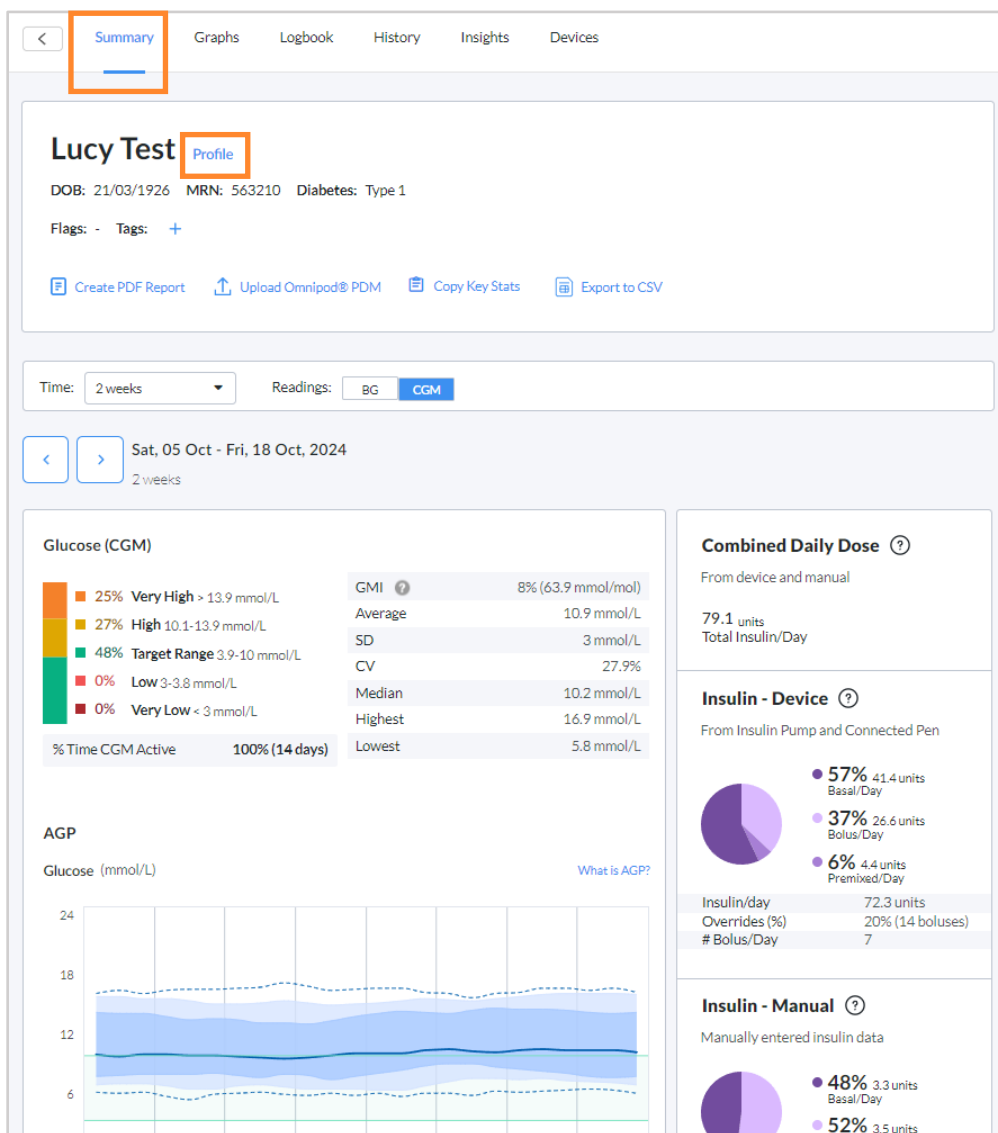
- It is recommended to maintain at least one patient account per unique user.
- If a patient account has a status of **Not activated** and you choose to remove this account, it will be permanently deleted.
- If a patient account has a status of **Activated**, the patient will be notified via email that their account is no longer connected to your clinic through ProConnect. The patient will retain access to their Glooko account and personal data. However, they will lose access to any third-party applications enabled by the clinic.

Patient Summary

Click on a patient to be routed to the Patient Summary, which provides a snapshot of the patient's diabetes data. View additional data by toggling between the tabs on the top navigation bar – and generate PDF [reports](#) to print, share or save that data. On all patient pages, the date of birth and Medical Record Number (MRN) are displayed below the patient's name to help ensure that you're viewing the correct patient.

NOTE: If the patient has a cloud connection with Senseonics Eversense or Medtrum, you may need to navigate to the **Devices** page and click the **Sync device** button to be able to see the most recent data. Data from these cloud connections are synchronised automatically every night. But if you want to see data from the current day, you need to click the button to retrieve this data.

Click **Profile** at the top-left of the screen to view and manage [Patient Settings](#).



NOTE: Insulin pump data and Smart Pen data will be displayed as **Insulin – Device** and manually entered insulin data will be displayed as **Insulin – Manual**. If a patient has a pump with advanced technology to automatically stop the pump and/or automatically deliver insulin, the summary page will display an additional information card with the title **System details** below Insulin. Please consult [Appendix 2: Device-specific Features](#) for more information.

Prime detection*

General information (applies to most compatible Smart Pens and pen accessories with insulin)

Insulin pen data from Smart pens that was detected as a prime dose by the Glooko's Priming Dose Algorithm will be denoted as Primed in the History log. The Glooko Priming Detection Algorithm detects prime doses that are two units or less within six minutes before another insulin injection.

Information for Sanofi SoloSmart / Novo Nordisk Mallya / Mallya®^D

These devices detect and report prime doses directly to Glooko. For detailed information on how each device identifies and reports prime doses, refer to the respective device and pen instruction manuals.

**May not be available in your country. Currently not available in the U.S.*

2. Population Tracker Overview

The availability of the features below will vary based upon your subscription model and region. For additional information about any of the features detailed here, contact your Glooko account representative directly or [email us](#).

2.1. Create Patient Accounts

If the patient is new to your clinic, you have the option to create a new patient account from the Patient List.

To create a patient account:

1. Click **Create Patient Account** at the top-right of the screen.
2. Enter the following information:
 - First Name
 - Surname
 - Date of birth
 - Email Address*
 - Postcode
 - Medical Record Number (Optional, but may be required for your specific clinic)
 - Phone Number*
 - Type of Diabetes (Optional)
 - Gender (Optional)
 - Care Program (Optional)

***NOTE:** The email address and telephone number can be omitted even if they are required fields. To bypass these fields, tick the decline box below the field and select the reason why this information will not be provided. If you are creating an account outside the U.S., you will also be required to confirm the patient's consent to share data.

3. Click **Create**.
 - The patient will receive an email with a link to set a password for the new account.

Create new patient

*Indicates a required field

Create account
Fill in the fields below to create a new patient account.

* First name

* Surname

* Date of Birth

* Postcode

Type of Diabetes

Invite patient to remotely connect with your clinic
When patients join Glooko, they can remotely sync their device data at home. Patients will have access to free diabetes management tools and educational content to improve adherence and optimise outcomes.

* Email Address

 Decline to add email address (not recommended)

Phone Number

Medical info

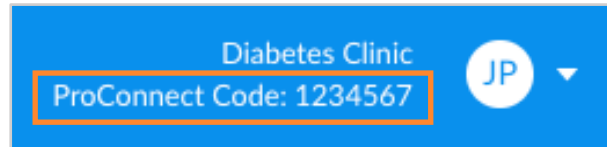
Medical Record Number

Gender

Care Program

2.2. ProConnect Patients


Your clinic's unique ProConnect Code can be found at the top-right of your Population Tracker's Home screen. In order for patients to remotely share their diabetes data with your clinic, your clinic must provide your unique code to them to add to their Glooko patient accounts.



2.3. Tag Patients

From the Patient List or the top of a patient page, click on the **plus symbol (+)** to create a custom tag, add an existing custom tag or add a provider tag. If a provider tag is applied, you can hover over the tag to view the first and last name of the provider.

Multiple provider tags can be added to each patient account. You can also create your own customized tags and filter patients by these tags and other attributes by clicking the **Filter Patients** drop-down menu at the top-left of your Patient List.

Patient	Last Sync ▼	Time in Range	Flags	Tags
Lucy Test 06/19/1942 Activated	 2 days ago Test Meter TEST DEVICE	28%		+

Lucy Test [Profile](#)

DOB: 01/01/1970 Diabetes: Type 1

Flags: None **Tags: +**

[Create PDF Report](#) [Upload Omnipod® PDM](#) [Copy Key Stats](#) [Export to CSV](#)

2.4. Invite from Patient List

If an account is not activated, you have the option to **Invite**, which triggers an activation request to the patient via email to set up a personal Glooko account. If an activation request has been sent to the patient, you have the option to **Resend Invitation** and/or edit existing email address.

Patient	Last Sync	Tags
Lucy Test 01/01/1970	2 days ago	+

2.5. Manage Provider Settings

Access Provider Settings by selecting **Settings** from the drop-down menu at the top-right of your Population Tracker's Home screen. You have the option to update your Profile and Account information, view your Site Profile and manage your Data Settings and Terminal Settings.

The screenshot shows the Glooko provider settings interface. At the top, there is a search bar for patient names and a user profile dropdown menu for Jessica Providerly. The 'Settings' option is highlighted in the dropdown. Below the dropdown, the 'My Profile' section includes fields for Professional Designation (Physician (MD)), First Name (Jessica), and Last Name (Providerly). The 'Account' section includes fields for Email Address (drqa@example.com), Password (masked), and Language (English). The 'Site Profile' section includes fields for Site (Diabetes Clinic), Group (Glooko Medical Group), and ProConnect Code (1234567). A 'Save' button is located at the bottom right of the 'My Profile' section.

My Profile

In Settings > My Profile, you can edit your Professional Designation, First Name and Surname. Click **Save** to register any changes.

Account

In Settings > Account, you have the option to update the Email Address, Password and default Language setting associated with your account.

Site Profile

In Settings > Site Profile, you can view your clinic's Site, Group, [ProConnect Code](#) and Site Contact.

Data Settings

In Settings > Data Settings, you have the option to adjust your view of patient data on a population level, including Unit of Measurement, Pump BG Entry Settings, Clinic Default Target BG Range and Population Flag parameters. Click **Save** to register any changes.

Data Settings

Unit of Measurement mg/dL mmol/L

Pump BG Entry Settings Restore Default

Include in statistics Yes No

Population Flag Settings Restore Default

Hyper Rate 25 % of readings are above 10 mmol/L

Hypo Rate 25 % of readings are below 3.9 mmol/L

Marked High A Marked High is above 13.9 mmol/L

Marked Low A Marked Low is below 3 mmol/L

These can be changed individually for each patient within their settings.

Save

Terminal Settings

Transmitters

SERIAL NO.	DATE OF LAST SIGNAL CHECK	SIGNAL STRENGTH	SIGNAL QUALITY	NAME
S17540260	2018-11-17 03:24:04	N/A	N/A	S17540260

Save

The following Settings display:

- **Unit of Measurement:** This can be toggled to **mg/dL** or **mmol/L**. For users in Canada, this setting is locked to mmol/L and cannot be toggled to mg/dL.

NOTE: Adjusting this setting will update your Population Tracker unit display for BG Flags but does not update the patient's device data.

- **Pump BG Entry Settings:** This can be toggled to **Yes** or **No** to include or exclude BG readings manually entered in insulin pumps in the graphs and statistics for your entire patient population. By default, these readings are included.

NOTE: You can also adjust this at the patient level in Patient Settings > [Data Settings](#). Settings at the patient level always take precedence over settings at the population level.

- **Clinic Default Target BG Range:** This allows the administrator at your clinic to change the Target BG Ranges for all new patient accounts, including the Lower Limit, Before Meal Upper Limit and After Meal Upper Limit.

NOTE: The Target BG Ranges can also be changed at an individual level in **Patient Settings** > [Data Settings](#). Settings at the patient level always take precedence over settings at the population level. To assign the Clinic Default Target BG Range to all of your patients, you need to click **Reset All Target BG ranges**.

- **Population Flag Settings*:** Adjusting these settings will update the flag parameters for all patients in your diabetes population. To edit these settings, click into the field of the value that you would like to modify and enter a new value.

NOTE: You can also adjust the flag parameters at the patient level in Patient Settings > [Data Settings](#). Settings at the patient level always take precedence over settings at the population level.

**Currently available only if you have enabled the add-on feature [Population Health](#).*

Terminal Settings

In Settings > Terminal Settings, you have the option to adjust the name(s) of your installed Glooko Transmitter(s) and Uploader(s) and view the upload tools currently associated with your account. All changes are reflected on the Assign Devices tab of your Population Tracker.

If there are Glooko Transmitters on your account, the Serial Number, Date of Last Signal Check, Signal Strength, Signal Quality and Name will be displayed. If there are Glooko Uploaders on your account, the Serial Number and Name will be displayed.

The names of Glooko Transmitters and Uploaders can be adjusted by clicking into the **Name** field of the tool you wish to adjust and entering a new name. Click **Save** to register any changes.


Favourite PDF Settings

In Settings > favourite PDF Settings, you can view, modify or add new favourite Profiles. Favourites are added at the population level and appear in the Preferred PDF Setting drop-down menu when generating PDF [reports](#) from any patient's account.

To add a new favourite, click **+ New favourite**, enter a favourite Profile name (click **OK**), select a Time range, select which reports should be included, choose a Print mode and click **Save**.

Favorite PDF Settings

[+ New Favorite](#)

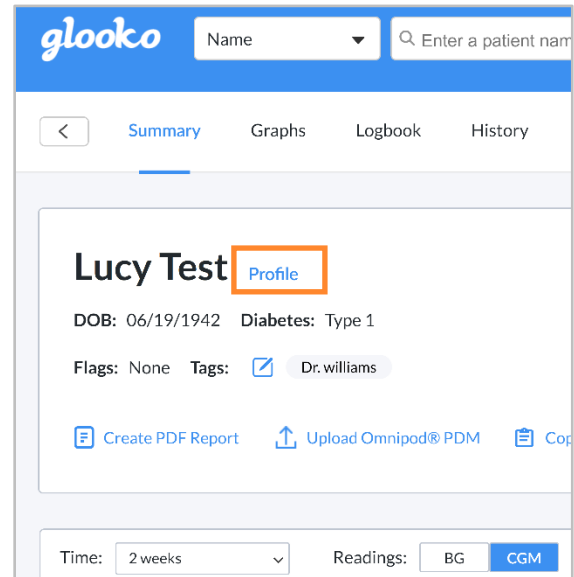
Name		
Summary + Logbook (30 days)		
All Reports (1 week)		
Daily Overview (2 weeks)		

2.6. Manage Patient Settings

In Patient Settings, you have the option to update an individual patient's profile information; view account email or send activation requests; customise Data Settings; set Target BG Ranges, Flag parameters and Daily Time Ranges; upload an Omnipod system; and connect iGlucose devices. All changes will be reflected in the patient's Glooko account.

To view or update a patient's account settings:

1. Locate or search for a patient on the Patient List.
2. Click on the patient's name to be routed to the **Patient Summary** screen.
3. Click on **Profile** next to the patient's name.



Profile

In Patient Settings > Profile, you can view and modify a patient's demographic information, including Name, Gender, Type of Diabetes, Date of Birth, Height, Weight and Medical Record Number. Click **Save** to register any changes.

Sally Testing profile

First name Sally	Surname Testing	Date of birth 1 February 1983		
Medical record number	Gender Female	Height 0 ft 0 in		Weight lb
Type of diabetes Type 2	Postcode 12345	Phone number +44 _____		

Account

In Patient Settings > Account, you can view a patient's account status and add, change or view the email address on file. If an account is not activated (Status: Not Activated), you have the option to **Add Email Address**, which triggers an activation request to the patient via email to set up a personal Glooko account. If an activation request has been sent to the patient (Status: Invited), you have the option to **Resend Invitation** or **Change Email**, which triggers another request. Once an account has been activated by a patient (Status: Activated), you will no longer have the option to change the email address.

Status	Email
Invited (07/13/2019) Resend Invite	lucytest1@sample.com Change Email

Data Settings

In Patient Settings > Data Settings, you can adjust a patient's Unit of Measurement, Pump BG Entry Settings, Target BG Ranges, Flag settings and Daily Time Ranges. Click **Save** to register any changes.

The following Settings display:

- **Unit of Measurement:** This can be toggled to **mg/dL** or **mmol/L**. For users in Canada, this setting is locked to mmol/L and cannot be toggled to mg/dL.
- **Pump BG Entry Settings:** This can be toggled to **Yes** or **No** to include or exclude BG readings manually entered in insulin pumps in the patient's graphs and statistics. By

Data Settings

Unit of Measurement mg/dL mmol/L

Pump BG Entry Settings [Restore Default](#)

Include in statistics Yes No A is a BG reading that was manually entered into the patient's insulin pump.

Target BG Ranges

Lower Limit 3.9 mmol/L Before Meal Upper Limit 7.2 mmol/L After Meal Upper Limit 10 mmol/L

Patient Flag Settings [Restore to Population Settings](#)

[Hyper Rate](#) 25 % of readings are above 10 mmol/L

[Hypo Rate](#) 10 % of readings are below 3.9 mmol/L

[Marked High](#) A Marked High is above 13.9 mmol/L

[Marked Low](#) A Marked Low is below 3 mmol/L

Changing these settings will override the population flag settings.

Daily Time Ranges*

05:00 MORNING 10:00 AFTERNOON 15:00 EVENING 21:00 NIGHT MORNING

*Events that occur before Morning will appear in the previous Night. To confine events strictly to calendar days, set Morning to start at midnight.

[Save](#)

default, these readings are included.

NOTE: You can also adjust the Pump BG Entry Settings for all patients at the population level in Provider Settings > [Data Settings](#). Settings at the patient level always take precedence over settings at the population level.

- **Target BG Ranges:** This allows you to change an individual patient’s Target BG Ranges, including the Lower Limit, Before Meal Upper Limit and After Meal Upper Limit. To edit these ranges, click into the field of the value that needs to be modified and enter the desired value.
- **Population Flag Settings*:** Adjusting these settings will only impact the selected patient. To edit these settings, click into the field of the value that needs to be modified and enter the desired percentage or value.

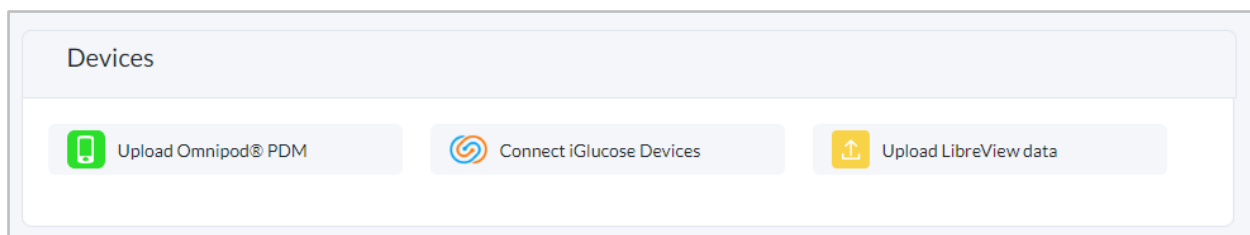
NOTE: You can also adjust the flag parameters for all patients at the population level in Provider Settings > [Data Settings](#). Settings at the patient level always take precedence over settings at the population level.

**Currently available only if you have enabled the add-on feature [Population Health](#).*

- **Daily Time Ranges:** This allows you to set the times of day that indicate the start of a patient’s Morning, Afternoon, Evening and Night routines. To update a patient’s ranges, click the **down arrow (▼)** beside a time of day and select a new start time.

Devices

In **Patient settings > Devices**, you have the option to upload data from a patient’s Omnipod® system, connect a patient’s iGlucose device(s) or upload a patient’s LibreView data to Glooko.



Upload Omnipod® PDM

To upload data from an Omnipod system:

1. In Patient Settings > Devices, click **Upload Omnipod® PDM**.
2. When prompted to confirm if you would like to proceed, click **Continue**.
3. Select **Omnipod® PDM System** or **Omnipod DASH™ System**, then click **Next**.

NOTE: If you are attempting to synchronise an Omnipod DASH™ System on a Mac computer, you will be prompted to install the [Glooko Uploader](#) to synchronise patient data if this is part of your subscription model. If your subscription model does not include the Glooko Uploader, you will be prompted to use a Windows computer or contact help@glooko.com.

4. Follow the on-screen prompts to connect the device and upload the data.

NOTE: If the patient has synchronised an Omnipod device previously, you also have the option to upload Omnipod data by selecting the **Upload Omnipod® PDM** option at the top-right of most screens within the patient's account.

Connect iGlucose Devices

You can connect a patient's iGlucose meter(s) to his or her Glooko account to synchronise data from iGlucose in real time.

NOTE: Before connecting an iGlucose meter to Glooko, the patient must have at least one reading on his or her meter.

To connect an iGlucose meter:

1. In Patient Settings > Devices, click **Connect iGlucose Devices**.
2. Enter the patient's iGlucose meter's Serial Number and Last Reading (value), then click **Next**.
3. Follow the on-screen prompts to connect the meter.

Upload LibreView data*

To upload a LibreView CSV file to a patient's Glooko account:

1. In **Patient settings > Devices**, click **Upload LibreView data**.
2. Follow the on-screen prompts to upload the CSV file.
3. Confirm that the CSV data has been uploaded to the correct Glooko account.
4. Click the **View data** button to be redirected to **Assign devices**, where the data needs to be assigned to the patient.

**May not be available in your country.*

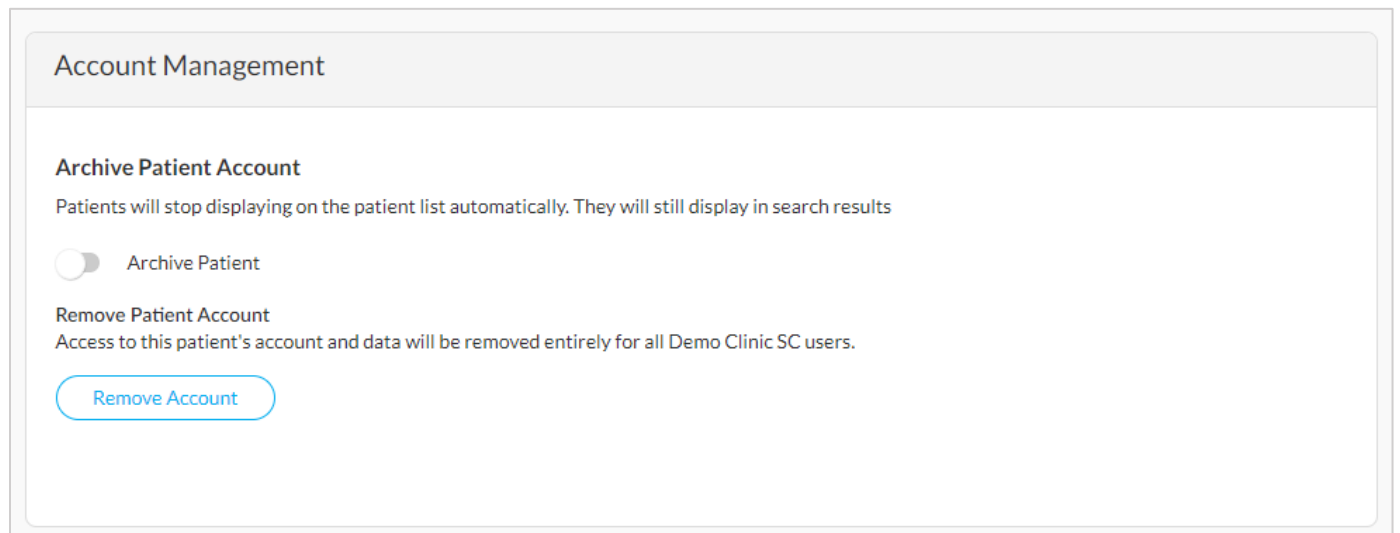
Account Management

How to archive a patient account:

In Patient settings > Account management, toggle the **Archive patient account** option on. Once a patient account has been archived, that patient will no longer display on your Patient List, but the patient will still display in search results.

How to remove a patient account:

In Patient settings > Account management, press the **Remove account** button. Once a patient account has been removed, it will not be possible for your clinic to access or view this data any longer.



The screenshot shows a user interface for "Account Management". It features two main sections: "Archive Patient Account" and "Remove Patient Account".

- Archive Patient Account:** Includes the text "Patients will stop displaying on the patient list automatically. They will still display in search results" and a toggle switch labeled "Archive Patient".
- Remove Patient Account:** Includes the text "Access to this patient's account and data will be removed entirely for all Demo Clinic SC users." and a blue button labeled "Remove Account".

NOTE: Only Administrators have access to archive and remove patient accounts.

3. Reports Overview

Patient diabetes data is aggregated into PDF reports that can easily be printed, shared or saved. You can include all available data or choose only the data you would like to display.

For detailed information about the available reports and how to interpret the data, view the [Glooko Report Reference Guide](#).

3.1. Available Reports

Available reports include:

- Summary
- Logbook
- Overview
- Daily Overview
- Overlay
- Week View
- Calendar
- Devices
- Insights

3.2. Create Reports

To create a PDF report, follow these steps:

1. From the Patient List, click on a patient's name to be routed to the **Patient Summary** screen. Click **Create PDF Report** at the top-left of most screens within the patient's account.
2. Select a date range, which reports should be included and the desired Print mode.

NOTE: To save a report selection as a new Favourite Profile, place a **tick (✓)** in the **Save selection as Favourite Profile** box, enter a name for the favourite and click **OK**. You also have the option to select a Favourite Profile from the Preferred PDF Setting drop-down menu at the top-right of the window. To view, modify or add new Favourite Profiles, click **Manage Favourites** or go to Provider Settings > [Favourite PDF Settings](#).

3. Once the report criteria are defined and you are ready to proceed, click **Create PDF**.

The screenshot shows the 'Create PDF' interface for a patient named Lucy Test (DOB: 01/01/70, Diabetes: Type 2). The interface includes a 'Preferred PDF Setting' dropdown menu currently set to 'No Profile Selected' and a 'Manage Favorites' link. The 'Time' range is set to '2 weeks' from 04/24/2019 to 05/07/2019. There are eight report options displayed in a grid: Summary (2 pages, with BG and CGM checked), Logbook (2 pages), Overview (1 page), Daily Overview, Overlay (1 page), Calendar, Insights, and Devices. At the bottom, the 'Estimated report length' is 6 pages. The 'Print mode' is set to 'Color'. A text box for comments is present, and a 'Save selection as Favorite Profile' checkbox is unchecked. The 'Create PDF' button is highlighted with a red border.

4. Support

If you have questions, we're always happy to help. You can reach out to us in any of the following ways:

- Web Support: www.support.glooko.com
- Email Support: help@glooko.com

Any serious incident that has occurred in relation to the device should be reported to the Glooko Support Team and the competent authority of the Member State in which you and/or your patient is established.

In the event where the Glooko System is malfunctioning, please discontinue use of the product and contact Glooko Support. Examples of malfunctions include incorrect assignment of device data to a patient, incorrect device time data and incorrect units of measurement.



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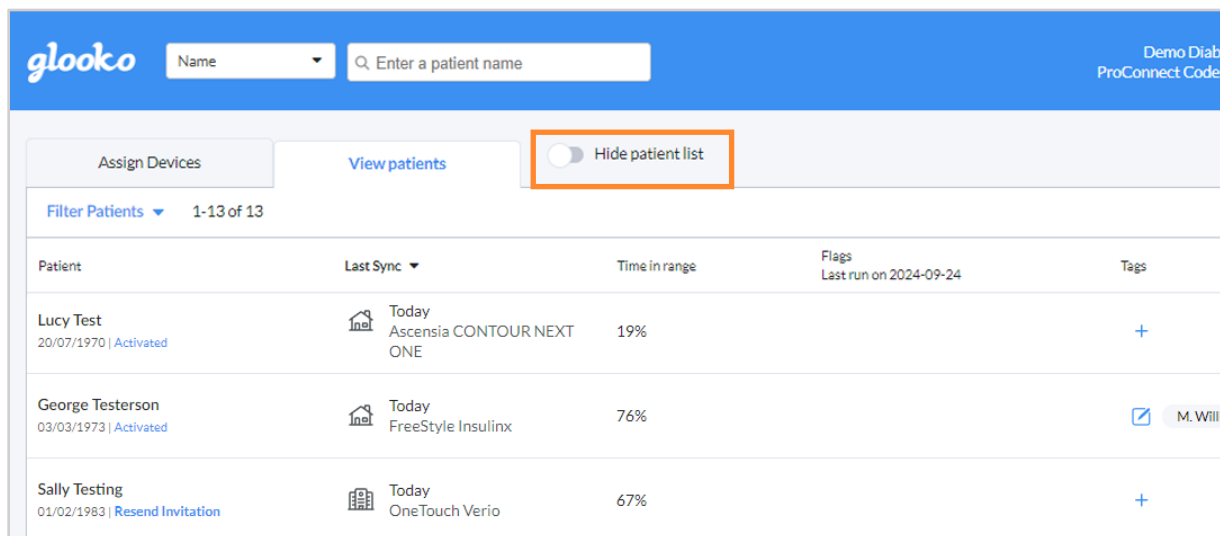


Appendix 1: Add-On Features

The features below are available as add-on options to your Population Tracker subscription. For additional information or to learn how you can add these features to your Population Tracker, contact your Glooko account representative directly or [email us](#).

A.1. Hide patient list

The Hide patient list feature allows professional users to hide or unhide the patient list using a toggle switch. When this feature is enabled, it ensures that during a doctor's appointment, a patient cannot inadvertently view the population list and see the Protected Health Information (PHI) of other patients.



A.2. Copy Key Stats*

The Copy Key Stats feature allows you to copy key patient information (such as patient demographics, device details, pump settings and glucose data), if available, from patient accounts in plain text format.

With the Copy Key Stats feature enabled, you can click the **Copy Key Stats** button, which will display at the top-right of the Summary and Devices screens of patient accounts, to copy the information found on these screens to your clipboard.

Lucy Test [Profile](#)
DOB: 01/01/1970 Diabetes: Type 2 [Upload Omnipod® PDM](#) [Copy Key Stats](#) [Create PDF Report](#)
Time: 2 weeks Readings: BG

NOTE: Since this feature copies protected health information (PHI) to your clipboard, Glooko recommends following your organisation’s rules for handling this information.

** May not be available in your country.*

A.3. Glooko Clinical Research*

The Glooko Clinical Research feature allows your clinic to monitor research participants within your Population Tracker.

NOTE: In order to keep research participant accounts separate from your existing patient accounts, your clinic is assigned a new ProConnect Code specifically for research, and your clinic users are required to use separate accounts to access the platform. In order for research participants to share their data, they need to use one of the two methods below:

1. Upload data to the Glooko Clinical Research platform using the [Glooko Research Uploader](#) software.
2. Download the Glooko Clinical Research mobile app and connect to your Clinical Research ProConnect Code.

Participant ID

With the Glooko Clinical Research feature activated, you have the option to enter a **Participant ID** as part of the [Create Patient Account](#) workflow. The Participant ID can be used to track your research participants. You also have the ability to search by Participant ID in the Population Tracker.

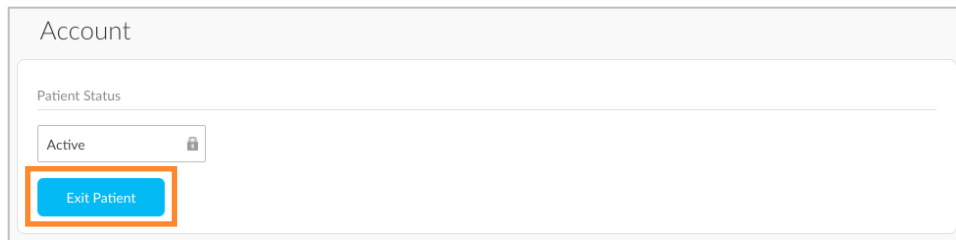
Create a Patient Account

Create a new patient account to sync their data in-clinic and ProConnect them to your site.

Participant ID (Optional)

Exit Patient

In [Patient Settings](#), the new Account section gives you the ability to **Exit Patient**, which removes the research participant from the clinical research study and deactivates the account.



Research Uploader

While using Glooko Clinical Research, your clinic has access to a separate Research Uploader specifically designed for uploading research participant device data to the Glooko Clinical Research platform.

** May not be available in your country.*

A.4. Two-Step Verification

The two-step verification feature allows your clinic to require two forms of authentication for Professional users accessing their accounts. This adds an additional layer of security for your clinic and your patient data.

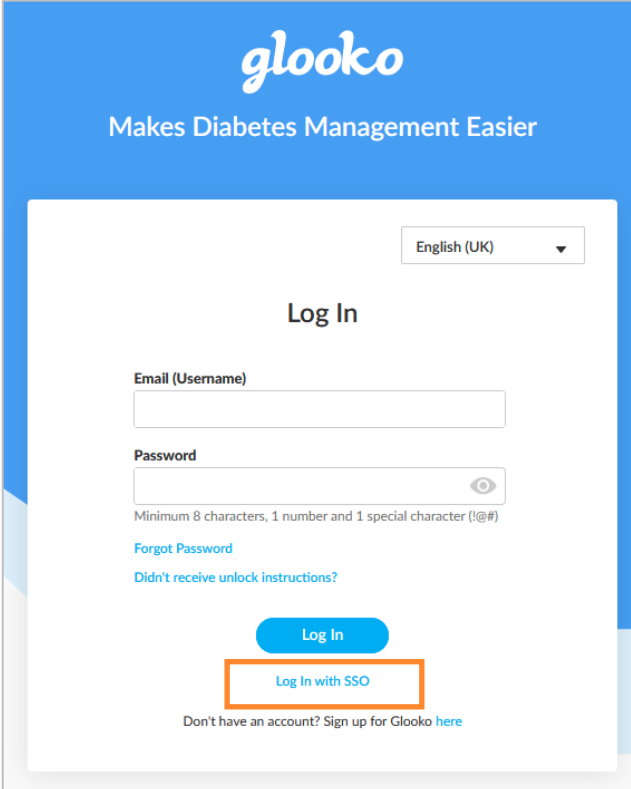
With this feature enabled, the user will receive a one-time password (OTP) via email or App Authentication that must be entered upon logging into Population Tracker. The user has the option to save this OTP for 30 days; otherwise, a new OTP will be required each time the user accesses his or her account.

NOTE: Only the Administrator has the ability to manage this setting for all Professional users at your clinic. There may however be regional/national regulatory requirements that demands the Two-Step Verification to always be enabled. In which case, it can't be disabled by anyone at the clinic.

A.5. Single Sign-On

The Single Sign-On (SSO) feature allows your Professional users to log into their Population Tracker accounts via a secure authentication service managing access to multiple applications.

With this feature enabled, users can select **Log In with SSO** on the Glooko login screen, enter their Glooko account credentials and follow the on-screen prompts to connect their accounts.



The image shows a screenshot of the Glooko login interface. At the top, the Glooko logo is displayed in white on a blue background, with the tagline "Makes Diabetes Management Easier" below it. A language dropdown menu is set to "English (UK)". The main heading is "Log In". Below this are two input fields: "Email (Username)" and "Password". The password field includes a toggle for visibility and a password strength requirement: "Minimum 8 characters, 1 number and 1 special character (!@#)". There are two links: "Forgot Password" and "Didn't receive unlock instructions?". At the bottom, there are two buttons: "Log In" and "Log In with SSO". The "Log In with SSO" button is highlighted with an orange rectangular box. Below the buttons is a link: "Don't have an account? Sign up for Glooko [here](#)".

A.6. Care programmes

Glooko Care programmes allow your clinic to manage your patient population more effectively by assigning tailored programmes for specific diabetes needs. These programmes provide you and your patients with helpful resources for understanding their unique types of diabetes and guidance for using Glooko to improve diabetes management.

With Care programmes enabled for your clinic, you have the option to assign programmes to patients from your Population Tracker. Once a programme is assigned to a patient, he or she will receive an email with instructions for accessing the programme online.

A.7. Pregnancy Package

The Glooko Pregnancy Package allows your clinic to monitor pregnant women with diabetes. With this feature enabled, the estimated due date can be entered on the patient's Profile page. This will result in a pregnancy tag in the Clinic's Patient List where the patient's current pregnancy week + day is displayed for easy monitoring of the diabetes management during the entire pregnancy.

The patient list can be filtered by pregnancy package, which will display a complete list of patients with an active pregnancy period.

When viewing a patient account with a set due date, the pregnancy week + day will also appear on the Summary page, Graphs page and History page.

A.8. Population Health*

Identifying at-risk patients

Glooko Population Health is a population analytics tool where clinics can harness Beyond A1c metrics from their patient population to identify and target at-risk patients with timely care and interventions. This is achieved by allowing clinics to run custom data queries across their entire patient population via the At-Risk tab and then have the option to save these queries as cohorts (risk profiles). There is also an option for exporting a CSV of the patients in the cohort.

An example of a cohort would be: Type 1 patients with <40% time in range.

By creating different cohorts, clinics also have the ability to create their own custom flags. These flags will update once a day and appear on the Population Tracker, making it possible to risk-stratify the patients based on these flags. In addition to the custom flags there are also a set of existing Glooko-defined flags available, e.g., Hypo Risk, Hyper Risk, Dropout Risk, Marked High and Marked Low.

Pre/post outcomes

The Population Health platform also allows clinics to access aggregate before and after outcomes (such as average glucose) for their patient population via the Pre/Post tab. For example, pre/post: **Started on Glooko** or pre/post: **Last Clinic Visit**.

If your clinic has added the Glooko Population Health to your existing subscription model, the Population Health platform is accessed via the Glooko web app (my.glooko.com) under the provider dropdown.

To learn more about Population Health, please reference this article in the Glooko Help Center: [What is Population Health and how do I use this feature?](#)

** May not be available in your country.*

Appendix 2: Device-specific Features

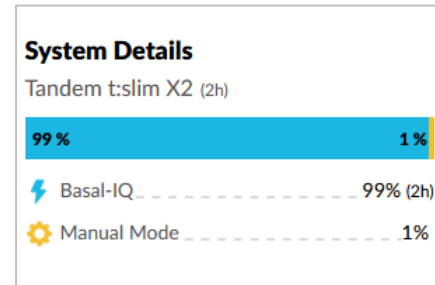
B.1. Basal-IQ

Patients using a Tandem t:slim X2 pump together with a CGM have the option to activate a technology called Basal-IQ. It is an advanced technology that predicts and helps prevent low blood sugar. Basal-IQ allows a patient to let the pump automatically suspend and resume insulin delivery based on the CGM readings.

A patient with Basal-IQ installed on the pump can choose between 2 modes:

- Basal-IQ
- Manual Mode

In Glooko, if Basal-IQ data exists for a patient, this is featured on the Summary page in form of an information card called: **System Details**. Basal-IQ is also presented in the day view of the **Graphs** section.



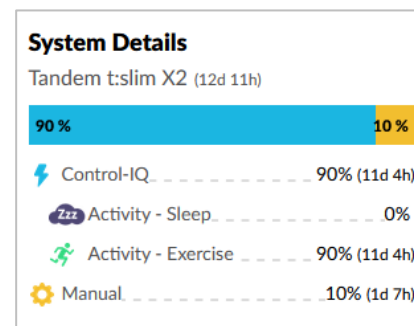
B.2. Control-IQ

Patients using a Tandem t:slim X2 pump together with a CGM have the option to activate a technology called Control-IQ. It is an advanced hybrid closed-loop technology that predicts and helps prevent both highs and lows. Control-IQ allows a patient to let the pump automatically adjust insulin levels based on the CGM readings.

A patient with Control-IQ installed on the pump can choose between 4 modes:

- Control-IQ
- Sleep
- Exercise
- Manual

In Glooko, if Control-IQ data exists for a patient, this is featured on the Summary page in form of an information card called: **System Details**. Control-IQ is also presented in the day view of the **Graphs** section.

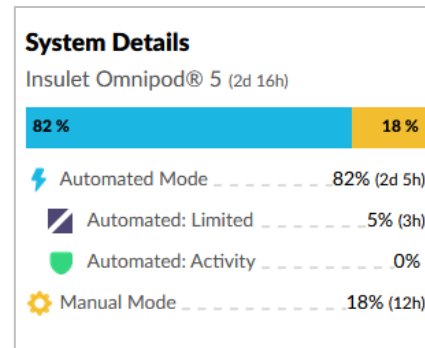


B.3. Omnipod® 5 System*

Patients using an Omnipod 5 pump together with a Dexcom CGM have the option to activate the closed-loop technology developed by Insulet. This is an advanced hybrid closed-loop technology that predicts and helps prevent both highs and lows. It allows a patient to let the pump automatically adjust insulin levels based on the CGM readings.

A patient with an Omnipod 5 and a Dexcom CGM can choose between 4 modes:

- Automated mode
- Automated: Limited
- Automated: Activity
- Manual mode



In Glooko, if closed-loop data from the Omnipod 5 System exists for a patient, this is featured on the Summary page in form of an information card called: **System details**. Closed-loop data is also presented in the day view of the **Graphs** section.

NOTE: The Omnipod 5 System is a cloud-to-cloud integration. The connection with Glooko is established at www.omnipod.com, where the users need to authorise the connection between their Omnipod 5 System and Glooko. Once the connection is made, data will stream regularly into Glooko with an hour's delay.

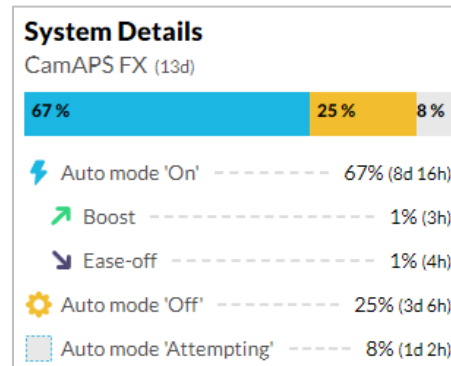
* *May not be available in your country.*

B.4. CamAPS FX*

Patients using a pump compatible with both Glooko and the CamAPS FX app have the option to use CamAPS FX's advanced adaptive hybrid closed-loop technology, which automatically adjusts insulin delivery to the insulin pump based on the sensor glucose readings.

The following 5 modes are visualised in Glooko:

- Auto mode 'On'
- Boost
- Ease-off
- Attempting
- Auto mode 'Off'



In Glooko, if closed-loop data from the CamAPS FX app exists for a patient, this is featured on the Summary page in form of an information card called: **System details**. Closed-loop data is also presented in the day view of the **Graphs** section.

**May not be available in your country.*