t: connect [®] HCP Diabetes Management Application



Information for Healthcare Providers

The #1 user-rated diabetes data management platform has been updated to better meet the needs of clinics and healthcare professionals.¹



You spoke and we listened!

After receiving feedback from hundreds of healthcare professionals, and visiting over 20 different diabetes clinics, the message was clear. While the t:connect Application is a great tool for your patients, it needed some important changes in order to meet the needs of today's busy practice:

1 Make it faster and easier to upload data in the clinic.

From within your t:connect HCP account, you can upload one pump and one supported BG meter simultaneously via USB, and have that data immediately available at all internet-connected computers in your office.

2 Don't expect clinics to manage patient login information.

We know these days it's hard enough to keep all of our own passwords straight, much less a different login for every single one of your patients. Now you only have to add a patient once (either using their login info or simply by connecting their pump to your computer) and you can view their data whenever you want, no separate login required.

3 Streamline the process for viewing, saving and printing data.

You shouldn't need detailed instructions to generate pump reports. When viewing a patient or connecting a pump, just click on the "Reports" or "Save/Print" icons to access data with just a few clicks.

t: connect "HCP Diabetes Management Application



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HCP Portal

View your patient's data whenever you want and on all internet-connected computers in your office.

A Search for Patient

Quickly find a patient's data using their first or last name.

B Connect

Just connect a pump and/or supported BG meter to upload and view or print reports. No additional login required.

C Patient List

View or print data for any of your patients, whether they are with you in the office or not.

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D Help

Access short video instructions and product user guide.

Dashboard

This first screen is a quick snapshot of your patient's diabetes data. The data you see can be personalized and is color coded so that you can easily identify trends.

A BG Summary

The Blood Glucose Summary provides a quick view of blood glucose values arranged within specific targets and date ranges. It is possible to quickly see patterns to determine if changes need to be made to the pump settings or therapy. The BG test frequency helps you determine the integrity of the information.

B CGM Summary

The Continuous Glucose Monitoring Summary provides a quick view of CGM values arranged within specific targets and date ranges. This tab is only available for patients that are using CGM-enabled pumps.

C Notifications

A snapshot of the pump settings is captured every time a pump is uploaded. Any settings changes (basal rates, carb ratio, reminders) will be identified in this section.

D Target Range

The American Diabetes Association recommends personalized targets based on individual patient considerations. With the t:connect Application, you can customize the Target Range in the Settings section of your patient's account.

Average Daily Insulin Summary

The Average Daily Insulin Summary displays the average daily number of units of insulin given for correction, food, and basal during the selected date range. It provides a snapshot of the different insulin delivery types to determine if changes need to be made to the pump settings.

Basal Percentage

It's typical for this number to fall between 40 and 60% depending on carbohydrate intake. Very large or very small percentages may indicate a change is needed.

G Load Activity Summary

The Load Activity Summary shows average time periods between the cartridge, tubing, and site changes. It also displays the average amount of insulin that was used to fill each.



t:connect tip

All notices that happened before the previous upload will be marked as "read" in the My Notifications section. To view them, click on Unread, and select Dismissed from the drop-down menu.



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Therapy Timeline

The Therapy Timeline report displays all blood glucose values uploaded from blood glucose meters or entered into the pump, all insulin delivered (basal and bolus), and all insulin on board (IOB) from each bolus for the selected date range. This report provides a snapshot of blood glucose outcomes for the insulin that was delivered.

A Insulin on Board

See the level of insulin that remains following bolus delivery by selecting the insulin on board checkbox. Bolus stacking, for example, can be easily visualized this way.

B Bolus Delivery

Each bolus type is indicated by a unique color. Extended boluses are shown according to the delivery duration.

C Temporary Basal

See frequency and efficacy of use for Temporary Basal delivery which is differentiated by color to make identification easy.



D Logbook

The logbook view that we're all accustomed to is still here, and accessible on the Therapy Timeline, Blood Glucose Trends, and CGM Hourly reports. The Logbook includes changes to basal rate. If more than one change occurs in a one hour period, the values will be listed.

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Logbook 12AM 1 2 3 4 5 6 Apr 16, 2016 - Saturday 250 BG (mg/dL) 170 Carbs (g) 0.80 Bolus (u) Basal (u/hr) 1.00 \rightarrow 1.50 **→** Apr 15, 2015 - Friday BG (mg/dL) 313 arbs (g) 4.26

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Blood Glucose Trends

The Blood Glucose Trends report displays all blood glucose readings uploaded from the blood glucose meter and the pump for the selected date range. **Hourly** provides data for a 24-hour period, while **Daily** reveals a week of blood glucose readings. Identify blood glucose trends that may be occurring certain times of the day or days of the week.

A Hide Lines

Lines connecting the glucose values will be shown by default. You can choose to hide or show the lines by clicking on the Hide / Show Lines link.

B Hourly / Daily

You can switch to and from the Daily view by clicking the tabs at the top of the report. Compare whether Hourly trends are unique to certain days, like on weekends when compared to the weekdays.



t:connect tip

For each report, you can set the date range by using one of the preset date ranges shown at the top of the report or by selecting a custom date range. By default, the date range is set to the shortest period on the date presets (e.g. 3 days); the end date of the range is the most recent complete day of data.

C Notes

In this view, it's essential to be able to identify and eliminate outliers. Notes add the needed context to help differentiate whether a settings change would be beneficial versus greater awareness to management challenges.



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CGM Hourly

The CGM Hourly report displays all continuous glucose monitor readings uploaded from a CGM-integrated pump for the selected date range. Each hour on the graph sums up all readings for that hour over multiple days to help you find patterns quickly. Below the graph, readings are summarized by time of day for additional detail. Use this report to get a general look at your patient's therapy and identify periods trending high or low.

A Box and Whisker Interpretation

If the box and whisker are comparatively short, you know there is less variability within that one hour period. If the range is short and on average low or high, you may need to adjust the pump settings.

If on the other hand the box and whisker are comparatively tall, you know there is more variability within that one hour time frame. An hour that is highly variable could motivate a discussion about factors that could have contributed to that variability such as diet, exercise, stress, or other factors.

B CGM Hourly Average

The diamond symbol shows you a one-hour average glucose value based on the selected date range. Hover over any of the hourly CGM averages to view more detailed information including the highest and lowest reading as well as the interquartile range (IQR).

C Time of Day Boxes

These time-based boxes help identify patterns during certain times of the day over the selected date range.

The highlighted column in each box is where most of the readings fall. Each box is also color coded at the top and bottom to highlight its significance. For example, red means that most readings are below target for that time period. By clicking "More Details" to the left, you can view more information about that time of day.



t:connect tip

Clicking the Change link at the top right of any report will allow you to tailor the Target Range for each patient. Once changed, these updated ranges will be used throughout the t:connect Application.





- Logbook

Activity Summary

The Blood Glucose Summary, Insulin Delivery Summary, and Bolus Usage Summary reflect data from the selected date range. These pie charts offer a way to quickly pinpoint areas that may need further investigation, behavioral modifications, or adjustments to pump settings.

A Blood Glucose Summary

The Blood Glucose Summary shows the breakdown in the number of readings taken in a given range. You can see the number of readings as well as the relative frequency within each glucose range.

B Standard Deviation

When this measure of glycemic variability is doubled it should not exceed the Average BG. If it does it may suggest a tendency toward low blood glucose.

C Insulin Delivery Summary

The Insulin Delivery Summary shows the amount of insulin delivered for basal and by bolus type.

D Average Daily Carbs

Tracking carbohydrates is a critical part of diabetes management. Review the Average Daily Carbs with your patients while discussing nutrition and meal planning.

E Bolus Usage Summary

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The Bolus Usage Summary shows the number of boluses, regardless of amount. Listed below the chart are the Average Boluses per day and the number of Stopped Boluses recorded for the selected date range.

Overridden Boluses

If the carbohydrate feature is turned on and a large percentage of boluses are overridden, it may indicate that a settings change is needed.

Data Safety

Multiple steps and precautions are taken to ensure that the data is accurate. Cyclic redundancy checks are done at various points in transferring the data. The use of checksums and other algorithms help ensure the data is reported accurately.



Bolus Usage Summary 👔





Pump Settings

The device settings page allows you to see all of the pump's settings at a glance. The report includes Personal Profiles, Alerts and Reminders.

Printing Options —

The Save & Print page allows you to generate multiple reports at one time in a single PDF file. Select and customize each report you want to include.

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We're grateful for all of the input we received from everyone working on the front lines to improve the care and outcomes for people living with diabetes, and we're excited for

t:connect®

to be an important tool in that work.

touch simplicity[®]



(877) 801-6901 www.tandemdiabetes.com



1. dQ&A USA Diabetes Connections Surveys, 2013-2016. **RX ONLY.** The t:connect Diabetes Management Application is intended for use by individuals with diabetes mellitus who use Tandem Diabetes Care insulin pumps, their caregivers, and their healthcare providers in home and clinical settings. The t:connect Application supports diabetes management through the display and analysis of information downloaded from Tandem Diabetes Care insulin pumps and specified blood glucose meters. © 2016 Tandem Diabetes Care, Inc. All rights reserved. Tandem Diabetes Care, t:connect and touch simplicity are registered trademarks of Tandem Diabetes Care, Inc. ML-000372_A