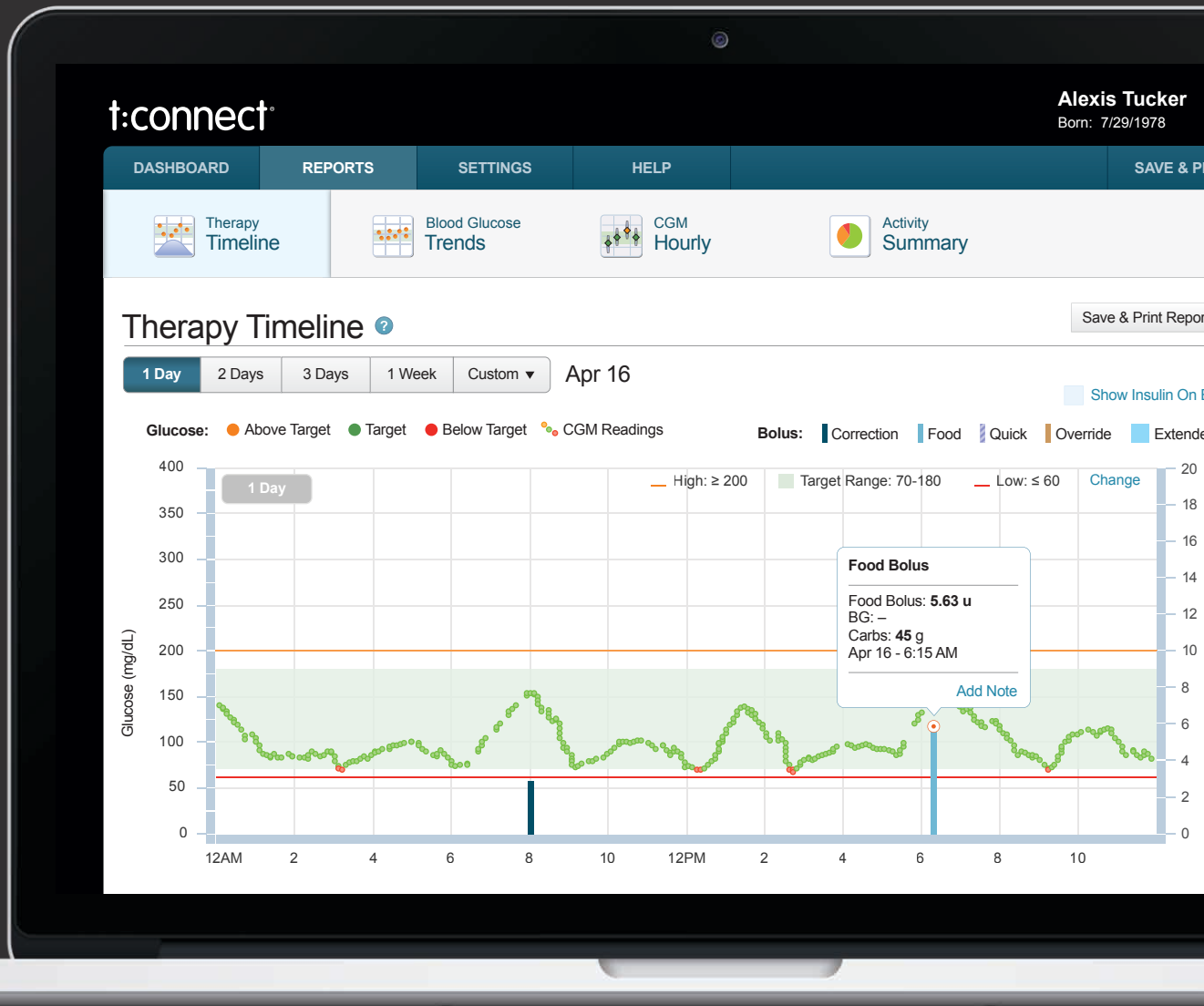


# t:connect<sup>®</sup>

Diabetes Management Application

## Report Highlights



# Analysis Made Easy

The t:connect® diabetes management application and t:connect HCP diabetes management application allow patients and their healthcare providers (HCPs) to view their pump and continuous glucose monitoring (CGM) data with transparency and clarity, so they can better understand and manage diabetes.

## A Patient Dashboard

Between appointments with their healthcare providers, patients have easy access via the internet to all their t:connect reports from a single, easy-to-use dashboard.

## B HCP Dashboard

Providers can use a single interface to access all of their patients' data in a central location via the internet. Providers must get permission from each patient to access their data.

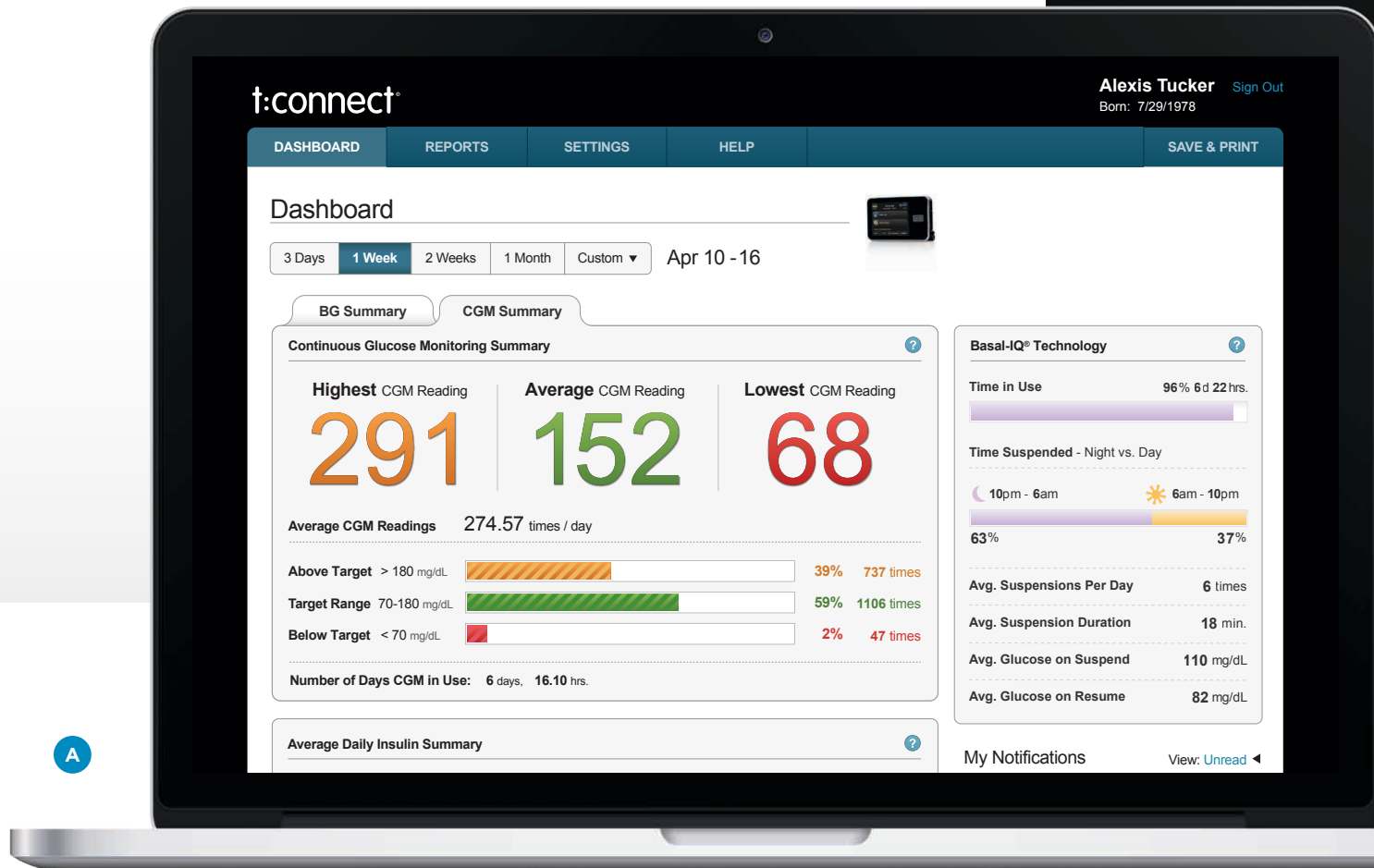
t:connect

## Current

Plug in a pump to upload data

[Not seeing your dev](#)

## Search



A

# Recently Connected

or BG meter

vice?



# For Patient

Name		Date Of Birth	Last Upload
Alexis Tucker		Jul 29, 1978	Apr 17
t:slim X2 Insulin Pump	#432436		
Kevin Chavez		May 24, 1990	Apr 12
Matthew Mitchell		Jun 12, 2002	Mar 20
Samantha Acosta		Dec 7, 1961	Mar 1
Samuel Norris		Feb 1, 1993	Jan 13
Sophia Burton		Apr 13, 2007	Feb 28
William Soto		Oct 24, 1953	Jan 5

# Dashboard

This screen is a quick snapshot of diabetes data. This data can be personalized and is color coded so that trends are easily identified.

## **A** BG Summary

The Blood Glucose (BG) 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 pump users and their providers determine the integrity of the information.

## **B** CGM Summary

The Continuous Glucose Monitoring (CGM) Summary provides a quick view of CGM values arranged within specific targets and date ranges. This tab is only enabled if CGM data has been uploaded into the database from a user's insulin pump.

## **C** Basal-IQ Dashboard

A summary of Basal-IQ® technology data, including time in use, time suspended, and suspension averages.

## **D** Target Range

The American Diabetes Association recommends personalized targets based on considerations for individual pump users. With the t:connect application, pump users and their providers can customize the Target Range under Settings.

## **E** Average Daily Insulin Summary

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

## **F** Basal Percentage

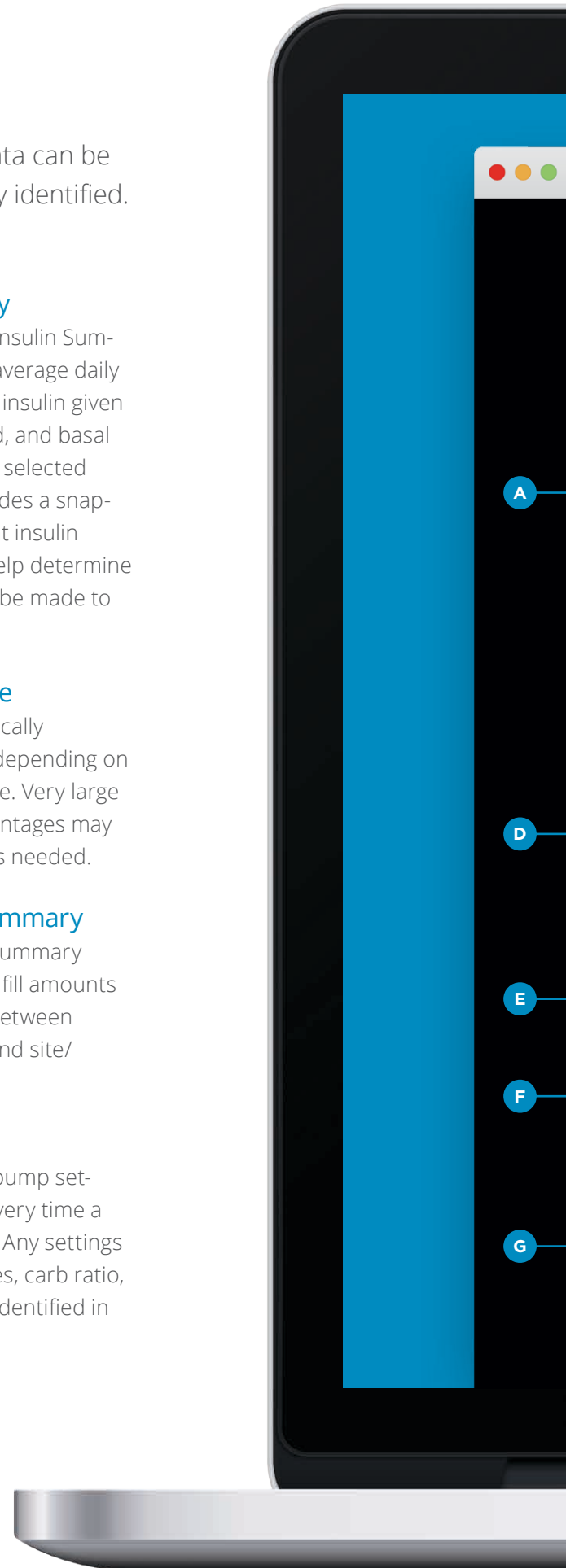
This number is typically between 40–60% depending on carbohydrate intake. Very large or very small percentages may indicate a change is needed.

## **G** Load Activity Summary

The Load Activity Summary shows the average fill amounts and time periods between cartridge, tubing, and site/cannula changes.

## **H** 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.





### Dashboard



3 Days 1 Week 2 Weeks 1 Month Custom Apr 10 - 16

BG Summary

CGM Summary **B**

#### Continuous Glucose Monitoring Summary

Highest CGM Reading

291

Average CGM Reading

152

Lowest CGM Reading

68

Average CGM Readings 274.57 times / day

Above Target > 180 mg/dL 39% 737 times

Target Range 70-180 mg/dL 59% 1106 times

Below Target < 70 mg/dL 2% 47 times

Number of Days CGM in Use: 6 days, 16.10 hrs.

**C**

#### Basal-IQ® Technology

Time in Use 96% 6 d 22 hrs.

Time Suspended - Night vs. Day



Avg. Suspensions Per Day 6 times

Avg. Suspension Duration 18 min.

Avg. Glucose on Suspend 110 mg/dL

Avg. Glucose on Resume 82 mg/dL

#### Average Daily Insulin Summary

Average Total Daily Dose 28.37 units / day

Basal 57% 16.14 u/day

Food Bolus 34% 9.55 u/day

Correction Bolus 9% 2.68 u/day

#### Load Activity Summary

	Cartridge	Tubing	Site/Cannula
Avg. Change Frequency	Every 3 days	Every 2 days	Every 2 days
Avg. Fill Amount	161.67 units	20.98 units	0.30 units

#### My Notifications

View: Unread

**Confirmation** Apr 17  
Since your last upload: Reminder thresholds and settings have been changed.

**Confirmation** Apr 17  
Since your last upload: The Cannula Reminder has been enabled.

**Confirmation** Apr 17  
Your pump data was successfully uploaded on Apr 17 7:45AM.

**Confirmation** Mar 21  
A new BG Meter was associated with your account on 03-21 11:41:15.

Show More

< Newer Older >

**H**



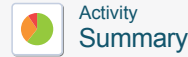
DASHBOARD

REPORTS

SETTINGS

HELP

SAVE & PRINT



# Therapy Timeline ?

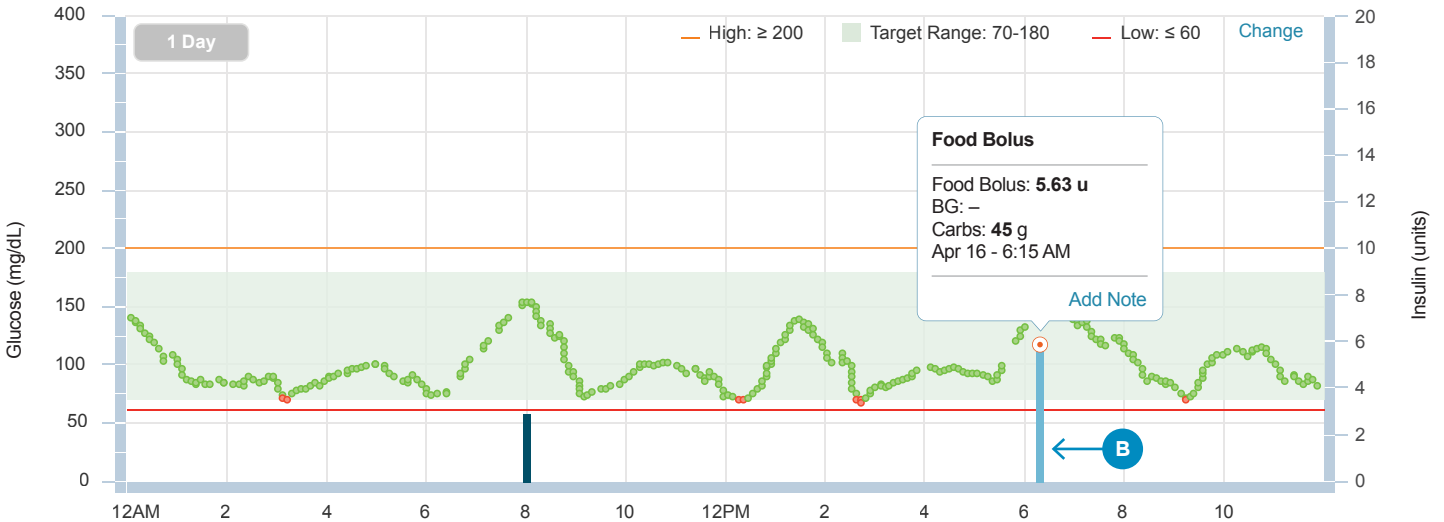
Save & Print Report ▼

1 Day 2 Days 3 Days 1 Week Custom ▼ Apr 16

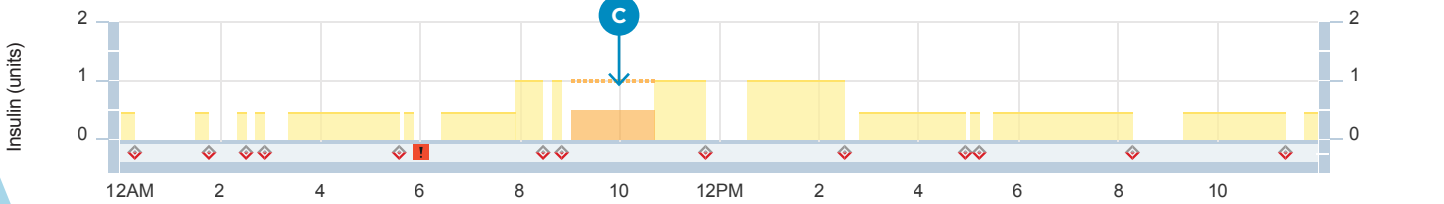
Show Insulin On Board

Glucose: ● Above Target ● Target ● Below Target ● CGM Readings

Bolus: ■ Correction ■ Food ■ Quick ■ Override ■ Extended



Basal: ■ Basal Rate ■ Temporary Basal Rate **Suspension Events:** ! ■ Manual / Alarm 0 0 u/hr Basal 0 0 u/hr Temp ↻ Cartridge / Site ◇ Basal-IQ



+ Notes

+ Logbook

D

### Therapy Timeline



### WEEK 1 SUMMARY

Avg. Daily Glucose	142	Insulin	
Avg. Readings Per Day	281	Avg. Daily Basal	58%   14 u
Standard Deviation	34	Avg. Daily Bolus	42%   10 u
% Above Target	20%	Insulin Duration	4 hrs
% In Target	78%	Food	
% Below Target	2%	Avg. Daily Carbs	130 g

**Glucose:** ● Above Target ● Target ● Below Target ● CGM

**Bolus:** ■ Correction ■ Food ■ Quick ■ Override ■ Extended

**Basal:** ■ Regular ■ Temp

**Suspensions:** ■ Manual / Alarm ■ IOB: ■ 0 u/hr Basal ■ 0 u/hr Temp ■ Basal-IQ

**Carbs:** 32 **Cartridge / Site:** ⌚



# Printed Therapy Timeline

The printed Therapy Timeline report is a weekly summary view of useful pump, insulin, and glucose data in a clear and actionable format. When printed, the Therapy Timeline is displayed as a day-by-day report, which allows users to review glucose data in relation to individual therapy events.

## A CGM Readings

The CGM tracing shows the effect insulin, carbs, and activity have on glucose readings. Use this data to narrow in on specific days or events when blood glucose values were out of target range.

## B Alarms

An alarm is triggered when there has been a discontinuation of all pump deliveries. This can be also be a manual alarm when a user chooses to suspend delivery or during a cartridge change.

## C Basal-IQ Suspensions

Basal-IQ suspensions are displayed as diamonds, similar to the one shown on the pump Home Screen. The pattern, duration, and frequency of suspensions can be identified here. You will see the effect the Basal-IQ algorithm has on the blood glucose values before, during, and after a Basal-IQ suspension.

## D Extended Bolus

The shaded rectangle will show the duration of the extended bolus. It is helpful to see the extended bolus and the CGM readings displayed above it to make recommendations on how best to utilize this feature for future meals.

## E Overridden Boluses

If a large percentage of boluses are overridden, it may indicate that a change in settings is needed. The calculated bolus is shown on top, and the actual delivered bolus is shown below.

## F Cartridge/Site Change

The cartridge/site change is useful to show the specific day and time the site was changed. A site change is recommended at least every 2-3 days, depending on the type of insulin and infusion set used.



# 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 trends provide data for a 24-hour period, while daily trends reveal a week of blood glucose readings. This can help identify blood glucose trends that may be occurring during certain times of the day or days of the week.

## A Hourly / Daily

Compare whether Hourly trends are unique to certain days, such as on weekends, compared to the weekdays. Patients and providers can switch between the hourly and daily views by clicking the tabs at the top of the report.

## B Hide Lines

Lines connecting the blood glucose values will be shown by default. Providers and patients may choose to hide or show the lines by clicking on the Hide / Show Lines link.

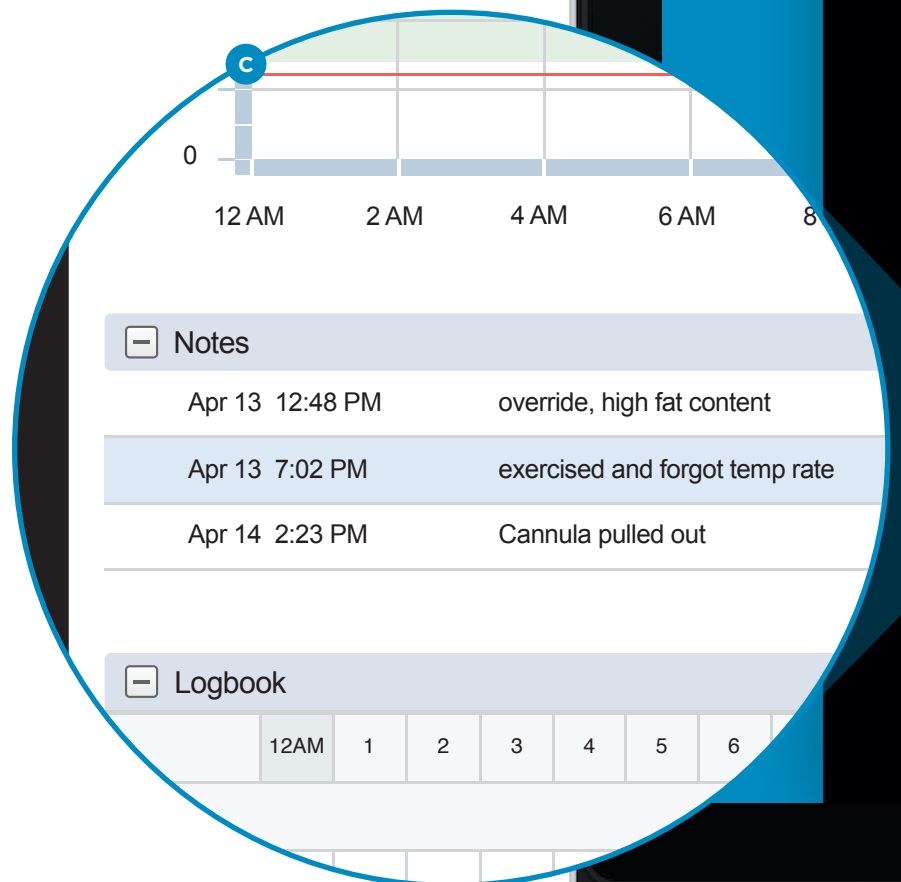
## C Notes

It's essential to be able to identify and eliminate outliers. Patients can enter notes to provide context to glucose results, which will help differentiate whether a settings change would be beneficial versus greater awareness of management challenges.



### t:connect tip

Healthcare providers and patients can choose from preset date ranges shown at the top of the report, or they can select a custom date range. By default, the date range is set to the shortest period on the date presets; the end date is the most recent complete day of data.



DASHBOARD

REPORTS

SETTINGS

HELP

SAVE & PRINT



# Blood Glucose Trends ?

Hourly

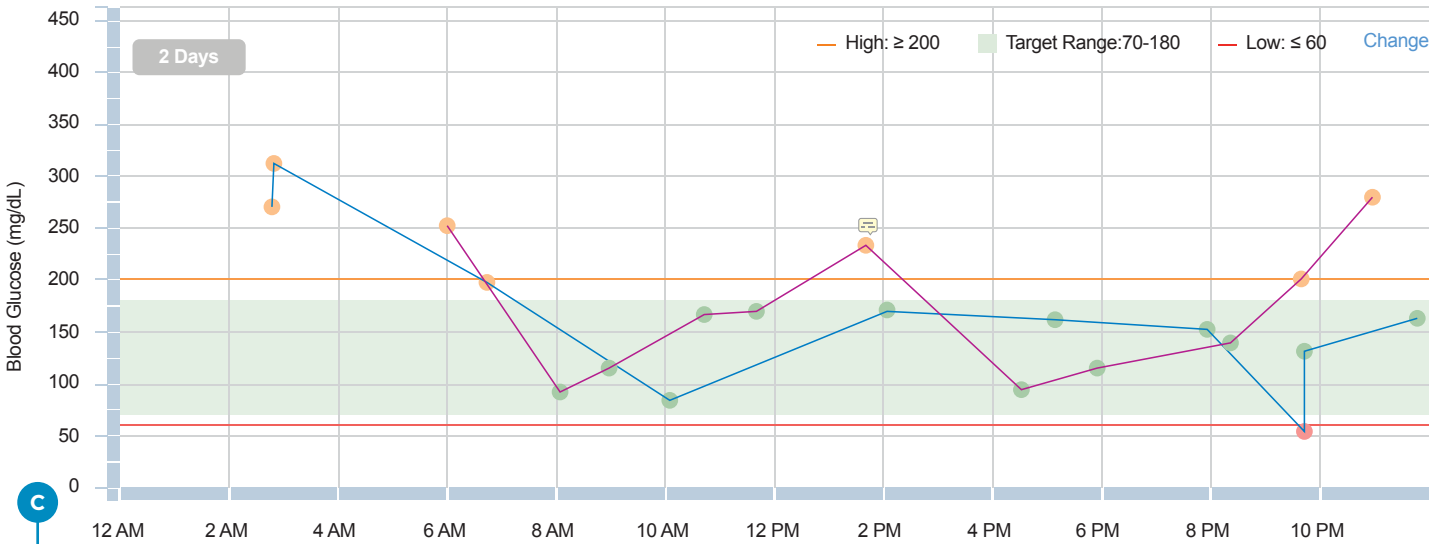
Daily A

Save & Print Report ▼

3 Days 1 Week 2 Weeks 3 Weeks **Custom** Apr 13 - 14

Blood Glucose: ● Above Target ● Target ● Below Target

Hide Lines ← B



C

+ Notes

- Logbook

	12AM	1	2	3	4	5	6	7	8	9	10	11	12PM	1	2	3	4	5	6	7	8	9	10	11
<b>Apr 14</b>																								
BG (mg/dL)			260 310				250	200	93	120	88	170			240			98	121		152	200		279
Carbs (g)									18			25									30			
Bolus (u)							0.80		1.15	0.49		1.25	1.25	1.04							1.37	1.37	2.00	



# 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 find patterns quickly. Below the graph, readings are summarized by time of day for additional detail.

## A Box-and-Whisker Interpretation

If the boxes are short, the pattern is clearer. If there is a pattern of descending or ascending short boxes, a review of the basal rates or insulin-to-carb ratios might be in order.

Tall boxes indicate significant glucose variability. They provide a great opportunity for pump users and their healthcare providers to discuss what factors, such as diet, exercise, and stress, could be causing the variability and what might help address them.

## B CGM Hourly Average

By hovering over the diamond symbol, users can get more detailed information about

that hour, including the median glucose value, the highest and lowest reading, and the inter-quartile 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.

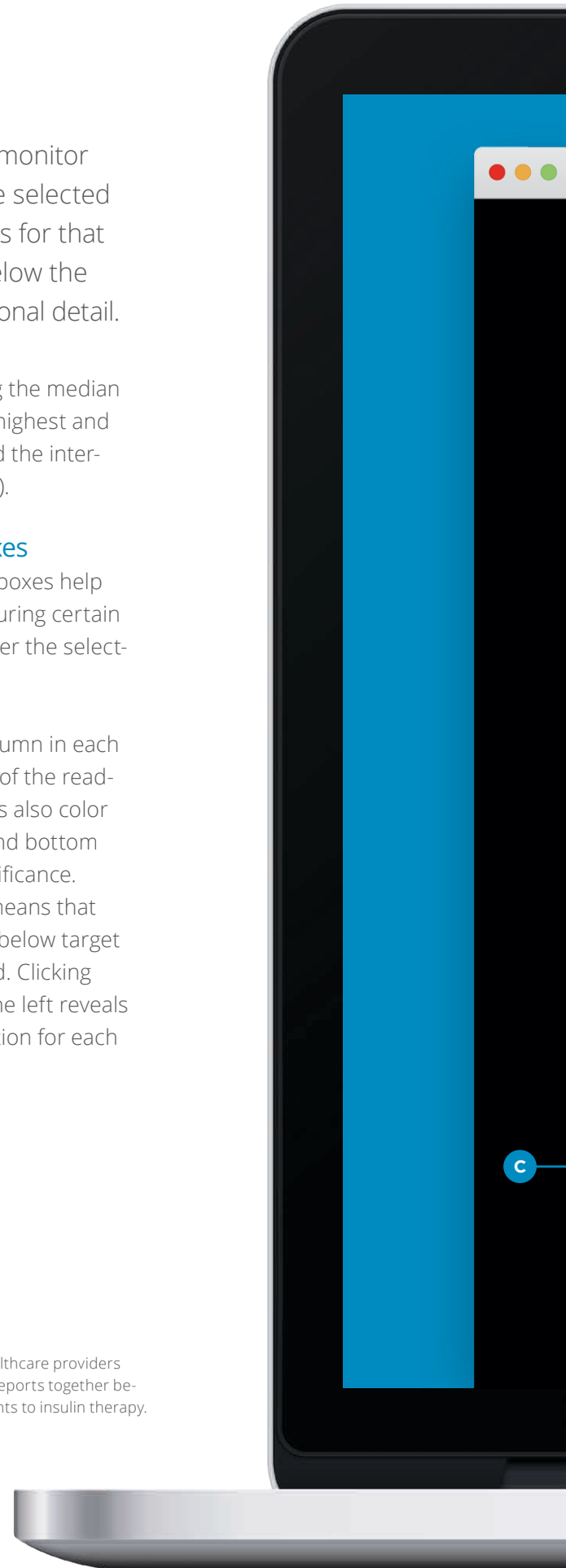
The highlighted column in each box is where most of the readings fall. Each box is also color coded at the top and bottom to highlight its significance. For example, red means that most readings are below target for that time period. Clicking "More Details" to the left reveals additional information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



### t:connect tip

Tailor the Target Range by clicking the Change link at the top of any report. These updated ranges will be used throughout the t:connect application.

Note: Pump users and healthcare providers should discuss t:connect reports together before making any adjustments to insulin therapy.



DASHBOARD

REPORTS

SETTINGS

HELP

SAVE & PRINT

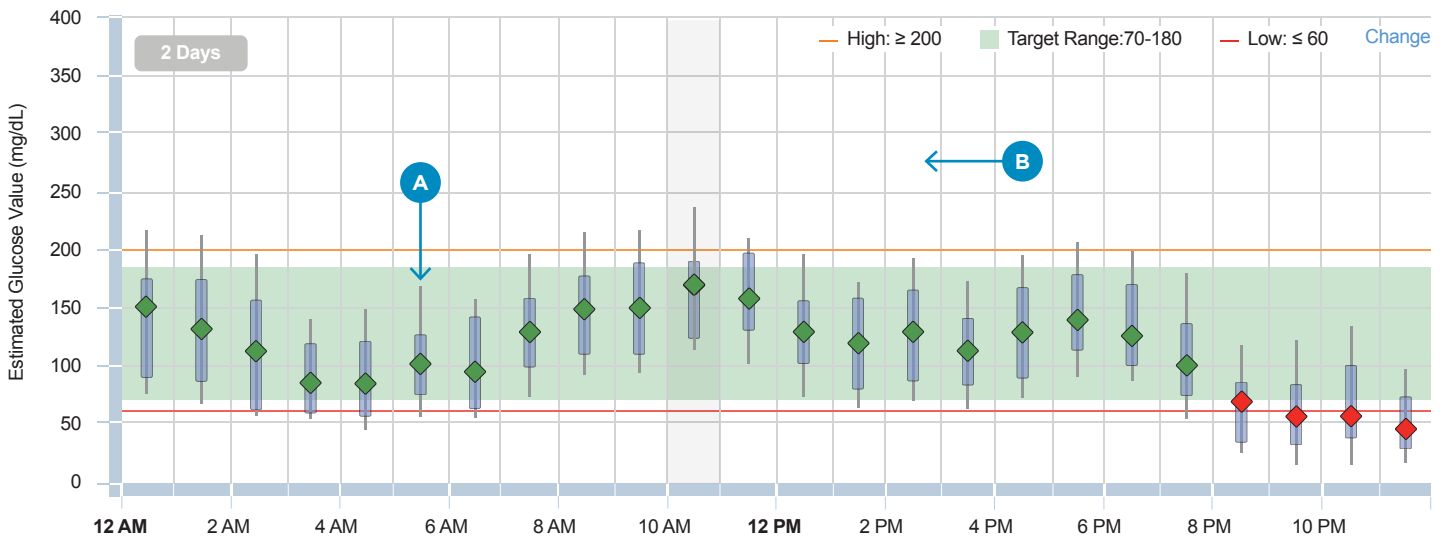


# CGM Hourly ?

Save & Print Report ▼

3 Days 1 Week 2 Weeks 3 Weeks **Custom** Apr 15 - 16

CGM Readings: ◆ Above Target Average ◆ Target Average ◆ Below Target Average Mid Range (25 / 75% - IQR) Highest - Lowest Reading



**Night** 12am - 6am

Low	Below	Target	Above	High
—	—	100%	—	—

**Morning** 6am - 12pm

Low	Below	Target	Above	High
—	—	100%	—	—

**Afternoon** 12pm - 6pm

Low	Below	Target	Above	High
—	—	100%	—	—

**Evening** 6pm - 12am

Low	Below	Target	Above	High
50%	16%	33%	—	—

More Details ▼

+ Logbook

# Activity Summary

The Blood Glucose Summary, Insulin Delivery Summary, Bolus Usage Summary, and CGM 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 of a given range. The number of readings and the relative frequency within each glucose range are also visible.

## B Standard Deviation

When this measure of glycemic variability is high, the glucose is fluctuating widely, which may contribute to negative symptoms and increase the risk of complications.

## C Insulin Delivery Summary

The Insulin Delivery Summary breaks down insulin delivery into daily averages for basal and each type of bolus.

## D Average Daily Carbs

Tracking carbohydrates is a critical part of diabetes management. Patients and providers can review the Average Daily Carbs and discuss nutrition and meal planning.

## E Bolus Usage Summary

The Bolus Usage Summary shows the daily average number and type of bolus for a selected date range and the number of stopped boluses.

## F Overridden Boluses

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

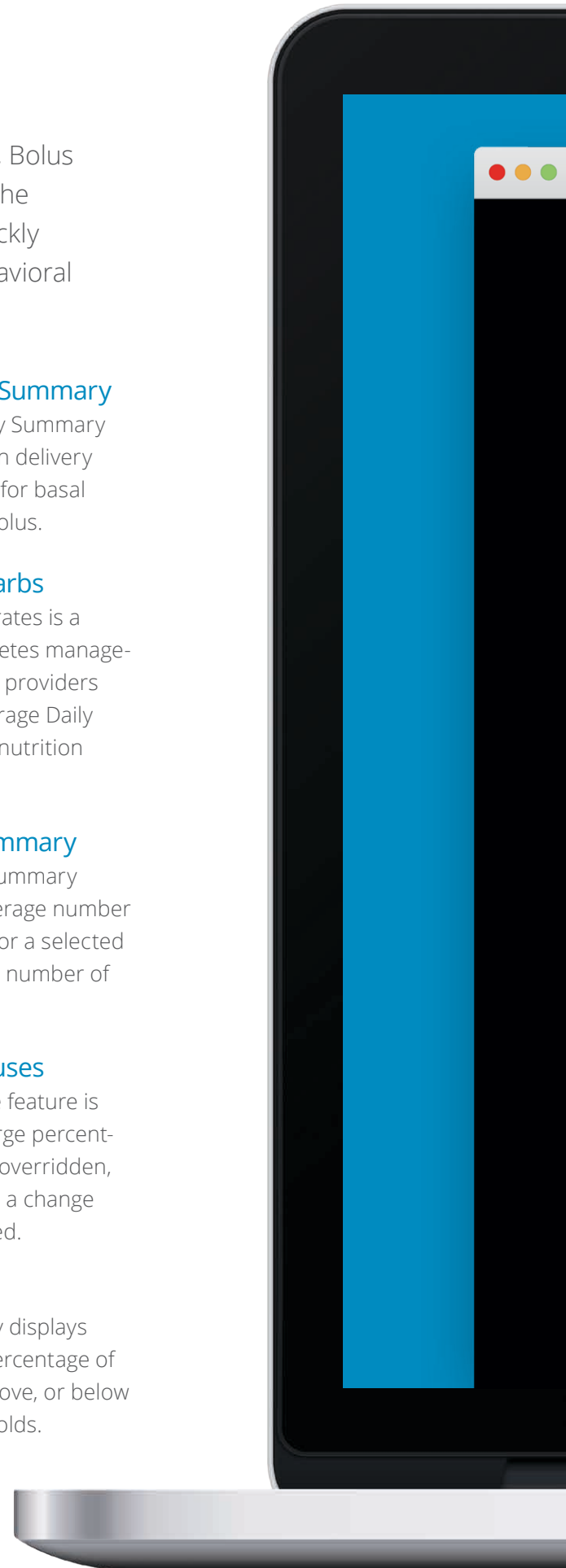
## G CGM Summary

The CGM Summary displays the number and percentage of readings within, above, or below the glucose thresholds.



### Data integrity

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.



DASHBOARD

REPORTS

SETTINGS

HELP

SAVE & PRINT



Therapy  
Timeline



Blood Glucose  
Trends



CGM  
Hourly



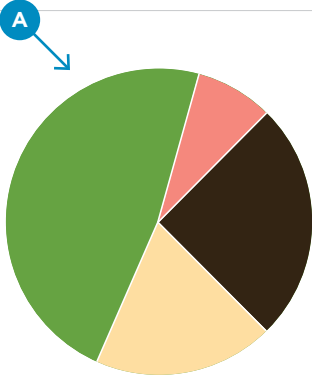
Activity  
Summary

## Activity Summary ?

Save Report ▼

3 Days **1 Week** 2 Weeks 1 Month Custom ▼ Apr 10 - 16

### Blood Glucose Summary ?

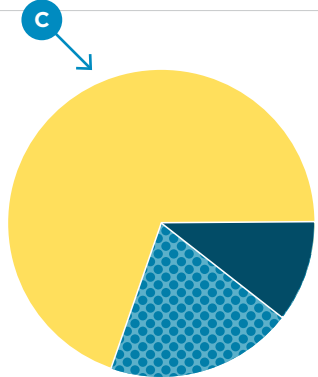


- High ( $\geq 200$  mg/dL)  
**25%** 4 readings
- Above Target (181-199 mg/dL)  
**19%** 3 readings
- Within Target (70-180 mg/dL)  
**44%** 7 readings
- Below Target (61-69 mg/dL)  
**12%** 2 readings
- Low ( $\leq 60$  mg/dL)  
**0%** 0 readings

Average BG **120** mg/dL

Standard Deviation **38.1** mg/dL ← **B**

### Insulin Delivery Summary ?

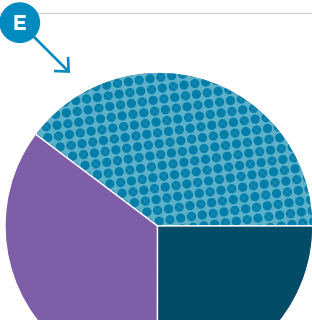


- Avg. Daily Basal Units  
**69%** **82.32** units
- Avg. Daily Food Bolus  
**24%** **28.76** units
- Avg. Daily Correction Bolus  
**6%** **7.46** units
- Avg. Daily Quick Bolus  
**0%** **0.00** units
- Avg. Daily Override Bolus  
**0%** **0.00** units

Average Total Daily Dose **118.54** units/day

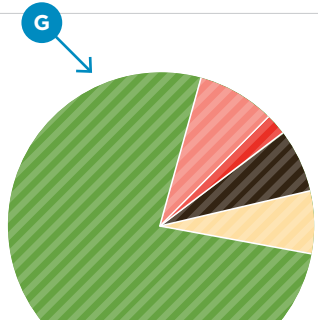
Average Daily Carbs **94.6** grams/day ← **D**

### Bolus Usage Summary ?



- Overridden Boluses  
**0%** 0 boluses
- Food Only Boluses  
**37%** 19 boluses
- Correction + Food Boluses  
**37%** 19 boluses
- Correction Boluses  
**25%** 13 boluses

### CGM Summary ?



- High ( $\geq 200$  mg/dL)  
**9%** 68 readings
- Above Target (181-199 mg/dL)  
**11%** 85 readings
- Within Target (70-180 mg/dL)  
**71%** 540 readings
- Below Target (61-69 mg/dL)  
**7%** 53 readings

# Pump Settings

This tab displays all of the pump's settings at a glance. The report includes Personal Profiles, Alerts, and Reminders.

# Printing Options

The Save & Print tab allows pump users and providers to select and customize which reports they would like to print or save as PDFs.

**t:connect** Alexis Tuc Born: 7/29/197

DASHBOARD REPORTS **SETTINGS** HELP

My Devices My Account

< Back to My Devices

## t:slim X2 Pump Settings

Settings Uploaded: Apr 17 7:45 am PT

Daily Profile				Active at the time
Start Time	Basal Rate	Correction Factor	Carb Ratio	
Midnight	1.000 u/hr	1u:50 mg/dL	1u:10 g	
6:00 AM	1.500 u/hr	1u:50 mg/dL	1u:10 g	
5:00 PM	1.000 u/hr	1u:50 mg/dL	1u:10 g	
Calculated Total Daily Basal		29.5 units		
Duration of Insulin: 5:00 hours   Carbohydrates: On   Max Bolus: 10 units				

Settings			
Alerts		Pump Settings	
Alert: Auto-Off	On	Quick Bolus	On
Alert: Low Insulin	20 u	Screen Timeout	30 sec
Reminders		Feature Lock	Off
Low BG	On	Pump Volume: Button	Vibrate
High BG	On	Pump Volume: Quick Bolus	Vibrate
Site Change Reminder	On	Pump Volume: Bolus	Vibrate
Missed Meal Bolus: Reminder 1	-	Pump Volume: Reminders	High
Missed Meal Bolus: Reminder 2	-	Pump Volume: Alerts	High
Missed Meal Bolus: Reminder 3	-	Pump Volume: Alarms	High



Therapy  
Timeline



Blood Glucose  
Trends



CGM  
Hourly



Activity  
Summary

## Save & Print ?

Save your selected reports as a PDF file to print or attach to an email.

### 1 Select your ending date

Apr 16

### 2 Select what reports you want included.

Select All



#### Dashboard

See a quick overview of your therapy

3 Days **1 Week** 2 Weeks 1 Month



#### Therapy Timeline

See your blood glucose and boluses over time



#### Blood Glucose Trends

See what days or hours you do your best

Hourly Report:

3 Days **1 Week** 2 Weeks 3 Weeks

Daily Report:

**3 Weeks** 1 Month 2 Months 3 Months

Show Lines



#### CGM Hourly

See your CGM hourly readings



#### Logbook

See a table view of your therapy data



#### Activity Summary

BG, insulin and bolus usage summaries

3 Days **1 Week** 2 Weeks 1 Month



#### Notes

Annotations you have made



#### Device Settings

View Device Settings from your most recent upload

Already setup your preferences?

[Save & Print](#)

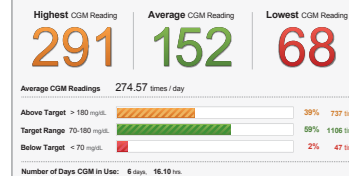
### Preview

#### Dashboard

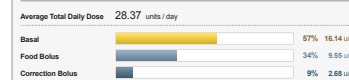
3 Days **1 Week** 2 Weeks 1 Month Custom Apr 10 - 16

#### BG Summary

#### CGM Summary



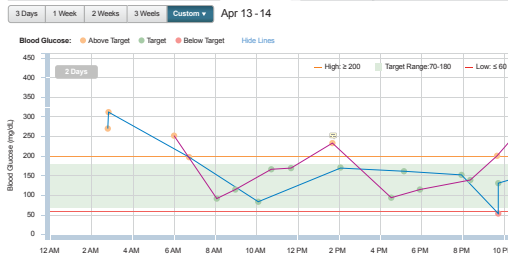
#### Average Daily Insulin Summary



#### Load Activity Summary



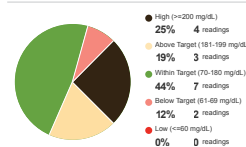
#### Blood Glucose Trends



#### Activity Summary

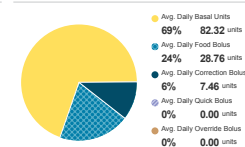
3 Days **1 Week** 2 Weeks 1 Month Custom Apr 10 - 16

#### Blood Glucose Summary



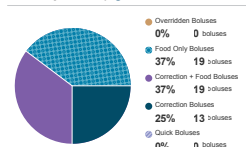
Average BG 120 mg/dL  
Standard Deviation 38.1 mg/dL

#### Insulin Delivery Summary



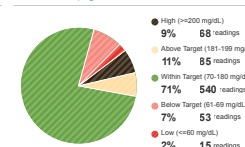
Average Total Daily Dose 118.54 units/day  
Average Daily Carbs 94.6 grams/day

#### Bolus Usage Summary



Average Boluses 3.64 /day  
Skipped Boluses 0.00 boluses

#### CGM Summary



Average BG 126 mg/dL  
Standard Deviation 39 mg/dL

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(877) 801-6901  
[www.tandemdiabetes.com](http://www.tandemdiabetes.com)

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**Important Safety Information: 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. © 2019 Tandem Diabetes Care, Inc. All rights reserved. Tandem Diabetes Care, Basal-IQ, touch simplicity, and t:connect are registered trademarks and t:slim X2 is a trademark of Tandem Diabetes Care, Inc. ML-000083\_B