

OneTouch Reveal® web app Report Reference Guide

Your step-by-step guide to setting up and using the OneTouch Reveal® web app



OneTouch Verio Reflect® meter



OneTouch Verio Flex® meter



For Healthcare Professionals only

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every touch is a step forward®

Here to Help

In this guide, you'll find 8 sample OneTouch Reveal® web app reports (blood glucose excursions above and below patient's target ranges), and glucose monitoring adherence reports.

The app identifies patterns and generates messages in different reports.

By highlighting their patterns and showing them the bigger picture, the reports can encourage your patients to stay on track and help them to better manage their blood glucose between visits.



The OneTouch Reveal® web app helps to see more information that can drive therapy decisions.



Activate the Insulin Mentor™ feature to help your patients calculate recommended mealtime dosage.

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For Healthcare Professionals only

The Insulin Mentor™ feature is indicated for people with diabetes requiring bolus insulin, age 18 and older. Before use, a physician or healthcare professional must activate the functionality and program the set-up of patient-specific parameters and patients are required to complete a first-use tutorial. An accurate dose recommendation is dependent upon the data that the patient entered into the functionality as well as and the settings their healthcare professional entered inclusive of patient's target blood sugar, insulin-to-carbohydrate ratio, insulin duration and insulin sensitivity.

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Patient Summary Report

Gives you an at-a-glance view of your patient's glycemic control over a selected date range

- ① Review prioritized pattern messages so you know what to focus on first
- ② Compare glycemic statistics from two separate time periods to see patient progress
- ③ View percentages of pre- and post-meal glucose readings in and out of your patient's target ranges
- ④ Review a time-of-day chart with a personalized patient schedule along with glucose monitoring and insulin dosing statistics

Patient Summary: 10/29/2019 - 11/11/2019

Name: Patient 5, Brenda	Patient ID: TTCP5	Overall Target: 70 - 180 mg/dL
DOB: 6/17/1980	Clinic: Trident Training Clinic	Before Meal Target: 70 - 130 mg/dL
Gender: Female	Clinician: Clinic Manager, TTC	After Meal Target: 70 - 180 mg/dL

Blood sugar readings that you manually entered on the mobile app are not included in reports generated on this web app.

Warning: Reports are intended for use by healthcare professionals with experience treating patients with diabetes only.

Patterns

- High Pattern: Overall, most glucose readings were above target (64.1%)
- High Pattern: Most glucose readings tagged Before Meal were above target (53.3%)
- High Pattern: Most glucose readings tagged After Meal were above target (70.6%)

Additional patterns have been detected and may be viewed by selecting different reports to view

Comparative Statistics

	Current Date Range	Previous Date Range	Change Δ
	10/29/2019 - 11/11/2019	10/15/2019 - 10/28/2019	
Blood Glucose (SMBG)			
Overall Avg.	222 mg/dL	157 mg/dL	41.7%
Standard Deviation	112 mg/dL	80 mg/dL	40.1%
No. of Readings	39	51	-23.5%
Avg. No. of Readings per day	2.8	3.6	-23.5%
% of Readings w/ Meal Tags	82.1%	62.7%	30.8%
Before Meal Avg.	171 mg/dL	111 mg/dL	54.0%
After Meal Avg.	259 mg/dL	174 mg/dL	49.1%

Insulin Dosing Statistics

Avg. Total Daily Dose (U per day)	50.6	Avg. Basal : Bolus Ratio	40% : 60%
Avg. No. of Days Between Cannula Fills	2.3	Avg. No. of Boluses per day	2.1
Avg. Carbohydrate (g per day)	-	Avg. No. of Bolus Calculator Overrides per day	0.9
Avg. Carbs per Bolus (g)	-	Avg. No. of Manual Boluses per day	1.1

Glucose Excursions

	Below Target	Above Target	% Below Target	% In Range	% Above Target
No. of Excursions (SMBG)	1	25	2.6%	33.3%	64.1%
Tagged Before Meal	1	8	6.7%	40.0%	53.3%
Tagged After Meal	0	12	0.0%	29.4%	70.6%
Severe	0	6			
Lowest / Highest Readings	59 mg/dL	459 mg/dL			

Glucose by Time of Day

	Overnight	Before Breakfast	After Breakfast	Before Lunch	After Lunch	Before Dinner	After Dinner	Bedtime
	12:00 am - 6:00 am	6:00 am - 9:00 am	9:00 am - 11:00 am	11:00 am - 2:00 pm	2:00 pm - 5:00 pm	5:00 pm - 7:00 pm	7:00 pm - 10:00 pm	10:00 pm - 12:00 am
	229	123	208	195	288	97	222	-

Reported for Patient 5, Brenda on 1/8/2020 from OneTouch Reveal[®] 4.0.0
OneTouch Ping[®] 03-25872-15, OneTouch Ping[®] 03-25872-15

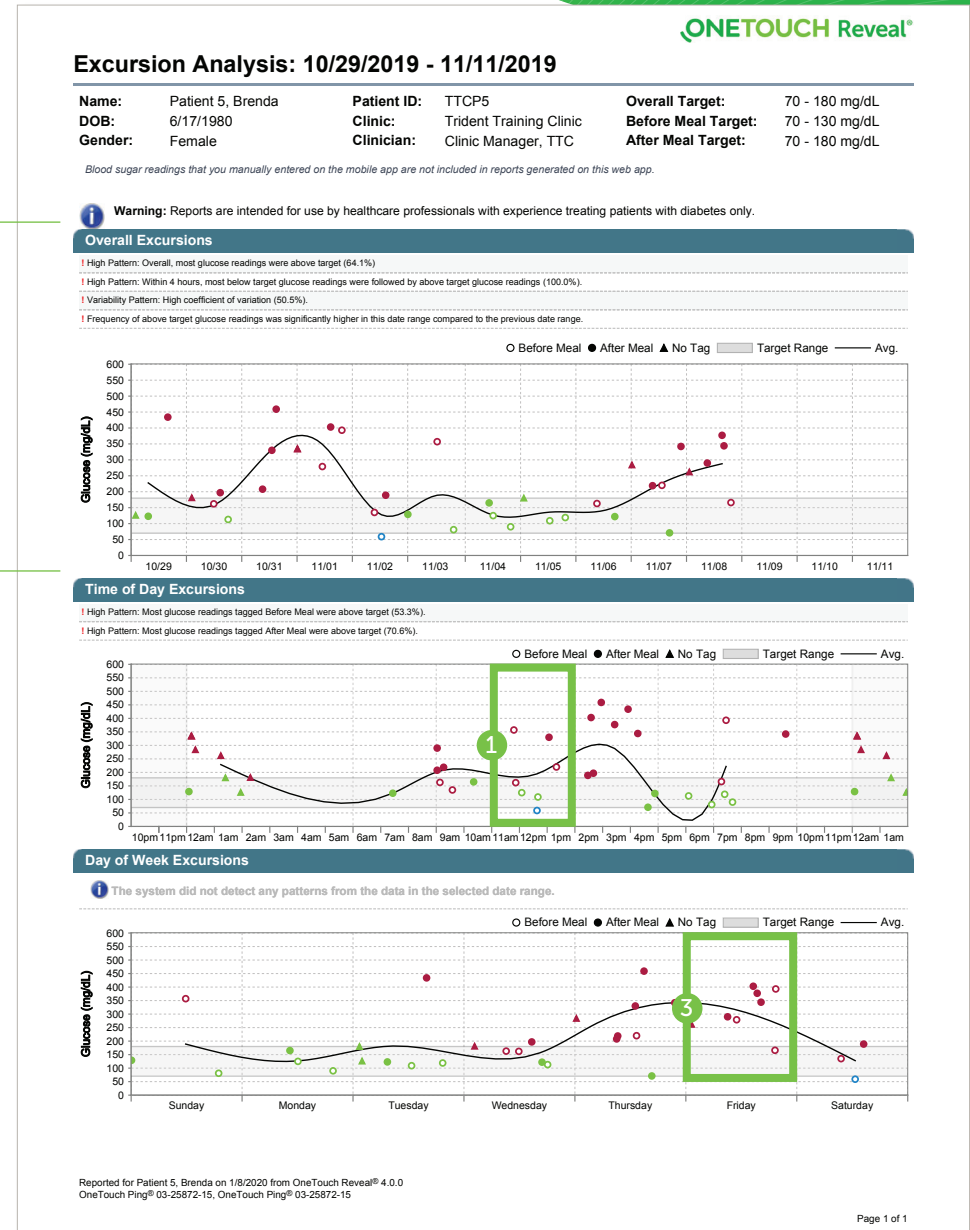
Reviewed By: _____ Reviewed Date: _____ Page 1 of 2

Excursion Analysis Report

Summarizes patterns or variability above or below patient's target range

- 1 See times of day when your patient is in and out of range
- 2 Review excursions by date to track your patient's progress day by day
- 3 See weekly patterns of low, high or variable blood glucose readings

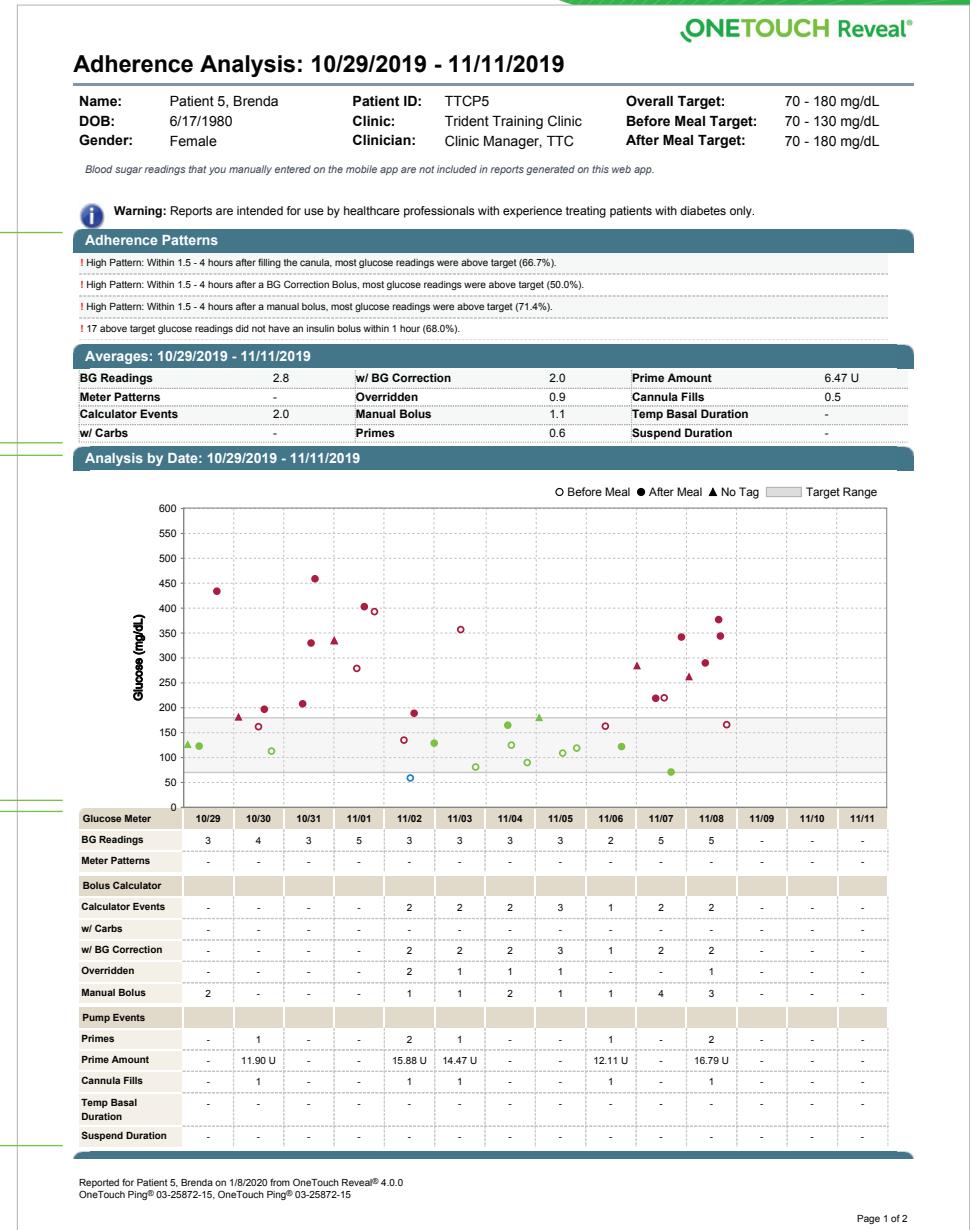
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Adherence Analysis Report

Provides an overview of blood glucose monitoring habits of patients

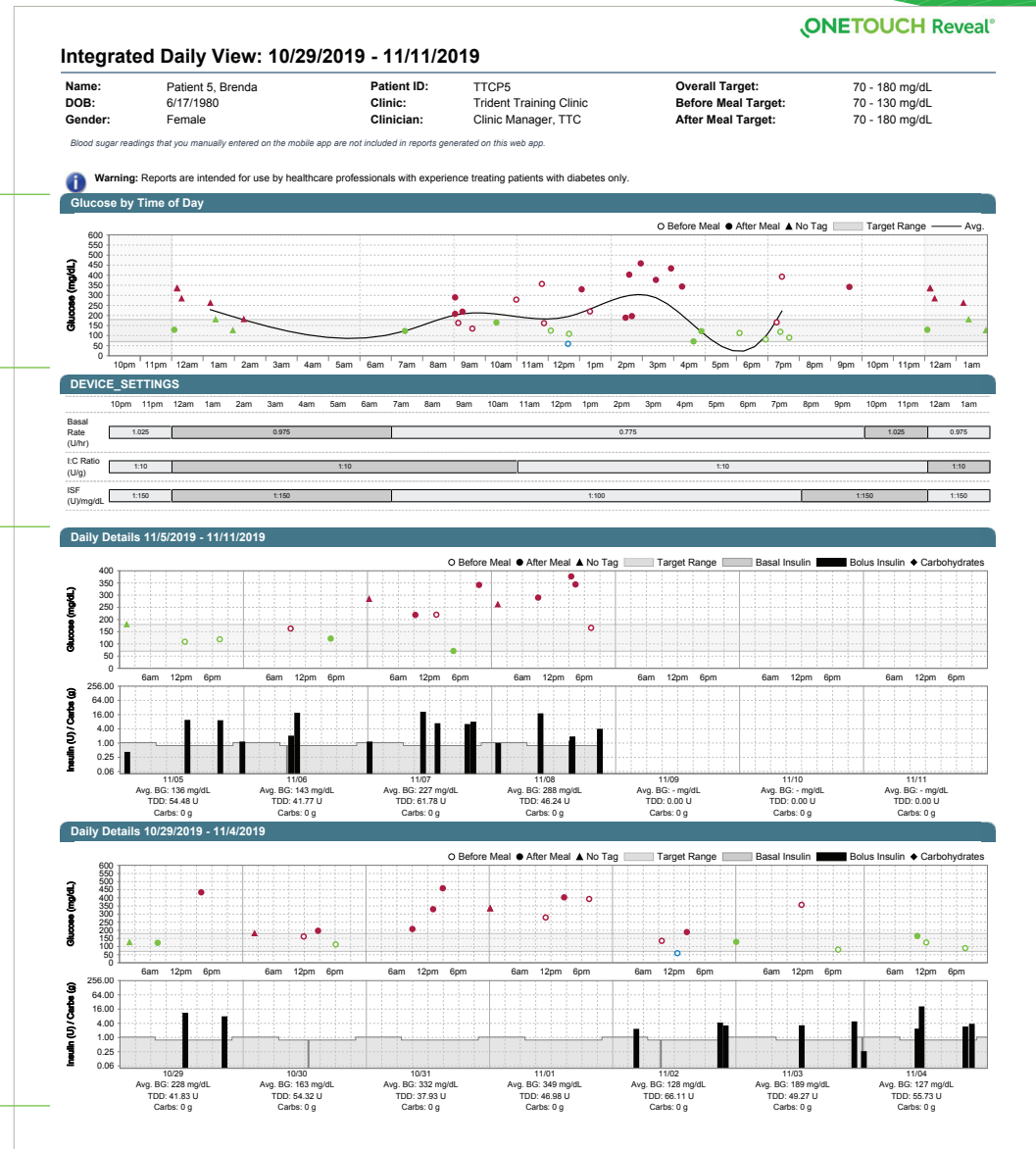
- 1 View blood glucose checking frequencies to see how consistently your patient is following your glucose monitoring recommendations
- 2 See patterns generated from events and insulin dosing (such as insulin boluses) and impact on glucose by date



Integrated Daily View Report

Provides a time-of-day view of blood glucose readings with integrated data from other connected devices such as CGM

- ① See how glucose levels vary by time of day
- ② See total daily insulin dose and total carbohydrates



Logbook Report

Displays blood glucose readings, bolus doses and other events with columns as time of the day and rows as day of the week (or date) in familiar logbook format

- ① See glucose readings organized by patient's personalized schedule and sorted chronologically by date
- ② Trace blood glucose reading from preceding events such as insulin bolus or carb intake
- ③ Statistics include
 - Average glucose value
 - Total insulin dose
 - Total carbohydrate intake

ONETOUGH Reveal®

Logbook: 10/29/2019 - 11/11/2019

Name:	Patient 5, Brenda	Patient ID:	TTCP5	Overall Target:	70 - 180 mg/dL
DOB:	6/17/1980	Clinic:	Trident Training Clinic	Before Meal Target:	70 - 130 mg/dL
Gender:	Female	Clinician:	Clinic Manager, TTC	After Meal Target:	70 - 180 mg/dL

Blood sugar readings that you manually entered on the mobile app are not included in reports generated on this web app.

Warning: Reports are intended for use by healthcare professionals with experience treating patients with diabetes only.

	am											pm											Tot/Avg.	
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9		10
Tuesday 10/29/2019 TDD: 41.83																								
BG		126																						228
Basal	0.98							0.78															1.03	20.48
Bolus													10.55								7.45			21.35
Wednesday 10/30/2019 TDD: 54.32																								
BG			181																					163
Basal	0.98							0.78															1.03	20.32
Bolus																								34.00
Events													F0.30											
Thursday 10/31/2019 TDD: 37.93																								
BG																								332
Basal	0.98							0.78															1.03	20.48
Bolus																								17.45
Friday 11/1/2019 TDD: 46.98																								
BG																								349
Basal	0.98							0.78															1.03	20.48
Bolus																								26.50
Saturday 11/2/2019 TDD: 66.11																								
BG																								128
Basal	0.98							0.78															1.03	20.36
Bolus																								45.75
Events																								
Sunday 11/3/2019 TDD: 49.27																								
BG	129																							189
Basal	0.98							0.78															1.03	20.32

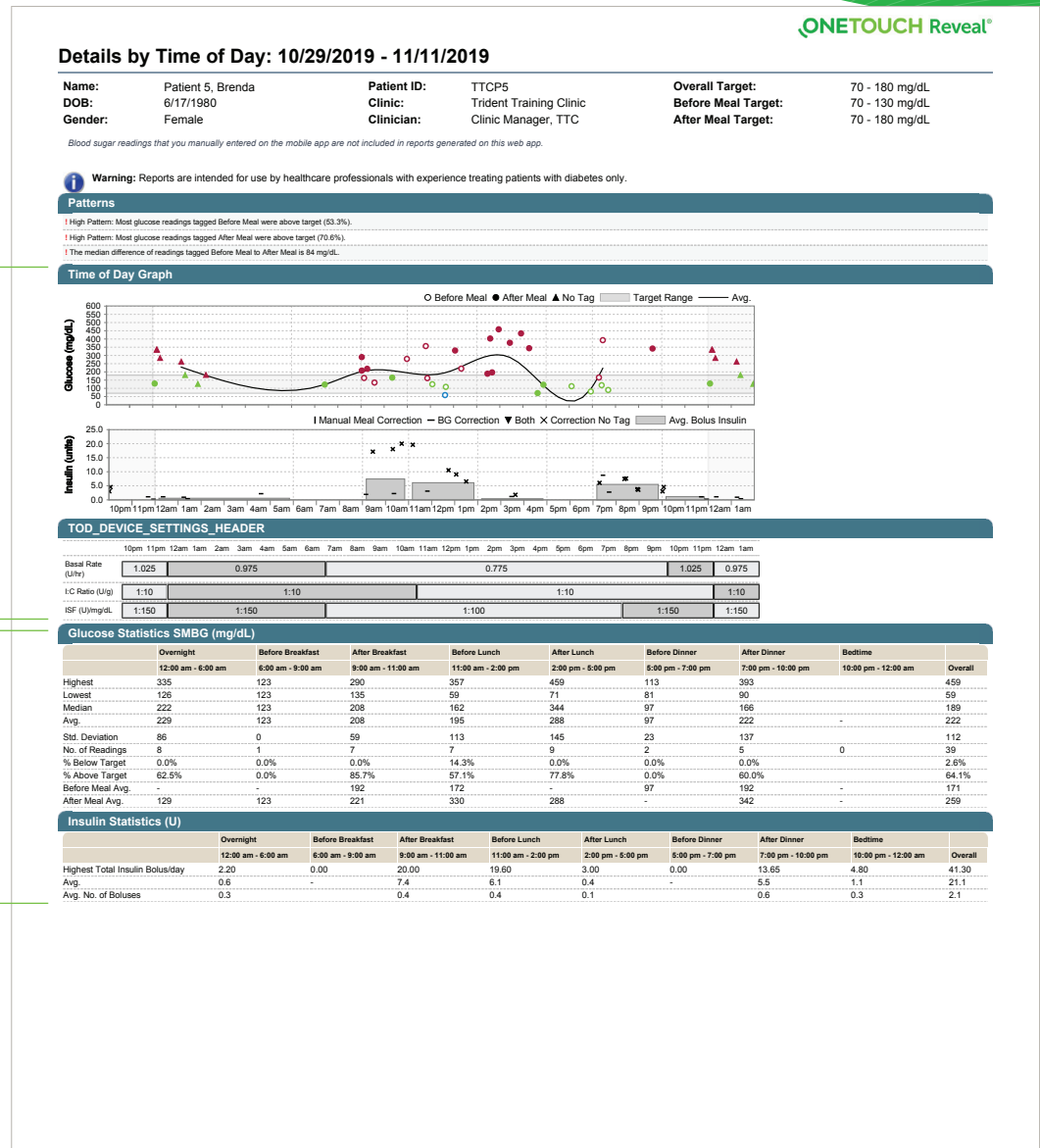
	am											pm											Tot/Avg.	
	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9		10
Averages:																								
BG	271	189	181	-	-	-	-	123	-	203	222	260	98	275	312	406	179	-	97	192	-	342	-	222
Carbs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bolus	0.1	0.2	-	-	0.3	-	-	-	-	2.4	5.0	2.8	1.3	2.0	-	0.4	-	-	-	2.2	3.3	-	0.9	30.4

Above Target Below Target ↑↓ Bolus Override ⚡ Suspend → Resume T Temp Basal F Cannula Fill

Details by Time of Day Report

Displays your patient's glucose pattern over a 24 hour period

- See if there are excursions and glycemic variability patterns at certain times of the day, such as mealtimes
- See aggregated data by day with statistics such as
 - Highest glucose value
 - Lowest glucose value
 - Avg. glucose value
 - Total number of blood glucose results
 - Highest insulin bolus



Details by Day of Week Report

Provides graphs that show your patient's glycemic pattern each day of the week

- ① Check if there are excursion patterns on certain days of the week
- ② See how your patient is using insulin throughout the week
- ③ See and compare glucose and insulin statistics from day to day

1

2

3

Details by Day of Week: 10/29/2019 - 11/11/2019

Name: Patient 5, Brenda	Patient ID: TTCP5	Overall Target: 70 - 180 mg/dL
DOB: 6/17/1980	Clinic: Trident Training Clinic	Before Meal Target: 70 - 130 mg/dL
Gender: Female	Clinician: Clinic Manager, TTC	After Meal Target: 70 - 180 mg/dL

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Patterns

The system did not detect any patterns from the data in the selected date range.

Day of Week Graph

Glucose Statistics SMBG (mg/dL)

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Overall
Highest	357	165	434	197	459	403	189	459
Lowest	81	90	109	113	71	166	59	59
Median	129	125	125	163	252	335	135	189
Avg.	189	127	182	156	267	318	128	222
Std. Deviation	147	38	126	33	115	72	65	112
No. of Readings	3	3	6	6	8	10	3	39
% Below Target	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	33.3%	2.6%
% Above Target	33.3%	0.0%	16.7%	66.7%	87.5%	100.0%	66.7%	64.1%
Before Meal Avg.	219	108	114	146	220	279	97	171
After Meal Avg.	129	165	279	160	272	354	189	219

Insulin Statistics (U)

	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Overall
Highest Total Insulin Bolus/day	7.90	28.20	19.30	20.00	41.30	24.90	9.30	41.30
Avg.	7.9	28.2	18.7	20.0	41.3	24.9	9.3	21.1
Avg. No. of Boluses	1.5	2.0	3.0	1.0	3.0	2.5	1.5	2.1
Total Daily Dose	49.27	55.73	48.15	48.05	49.85	46.61	66.11	50.58

Reported for Patient 5, Brenda on 11/8/2020 from OneTouch Reveal® 4.0.0
OneTouch Ping® 03-25872-15, OneTouch Ping® 03-25872-15

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Data List Report

Displays a tabular view of all data captured by the devices for a selected date range

- 1 View an extensive list of data captured by connected devices e.g. high and low glucose results, insulin doses, etc. by time of day in chronological order

Sort by date order or result type

1

Data List: 10/29/2019 - 11/11/2019

Name: Patient 5, Brenda **Patient ID:** TTCP5 **Overall Target:** 70 - 180 mg/dL
DOB: 6/17/1980 **Clinic:** Trident Training Clinic **Before Meal Target:** 70 - 130 mg/dL
Gender: Female **Clinician:** Clinic Manager, TTC **After Meal Target:** 70 - 180 mg/dL

Blood sugar readings that you manually entered on the mobile app are not included in reports generated on this web app.

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Date	Time	Timeslot	Result Type	Value	Serial #	Comments
11/8/2019	9:09 pm	After Dinner	Total Daily Dose	46.24 U	03-25872-15	Basal Insulin = 17.54 U, Bolus Insulin = 28.70 U, Pump Suspended
11/8/2019	9:09 pm	After Dinner	Suspend		03-25872-15	
11/8/2019	9:09 pm	After Dinner	Basal	0.000 U/hr	03-25872-15	Normal Basal
11/8/2019	8:56 pm	After Dinner	Bolus	3.80 U	03-25872-15	Initiator Source = Pump, Type = Normal Bolus, Sub Type = Normal, Status = Completed
11/8/2019	7:17 pm	After Dinner	Glucose	166 mg/dL	03-25872-15	Before Meal
11/8/2019	4:16 pm	After Lunch	Glucose	344 mg/dL	03-25872-15	After Meal
11/8/2019	3:42 pm	After Lunch	Basal	0.780 U/hr	03-25872-15	Normal Basal
11/8/2019	3:38 pm	After Lunch	Bolus	1.80 U	03-25872-15	Initiator Source = Pump, Type = Normal Bolus, Sub Type = Normal, Status = Completed
11/8/2019	3:37 pm	After Lunch	Fill Cannula	0.30 U	03-25872-15	
11/8/2019	3:34 pm	After Lunch	Prime	16.25 U	03-25872-15	
11/8/2019	3:34 pm	After Lunch	Basal	0.000 U/hr	03-25872-15	Normal Basal
11/8/2019	3:28 pm	After Lunch	Bolus	1.20 U	03-25872-15	Trigger = ezBG, Initiator Source = RF remote, Type = Normal Bolus, ISF = 100(mg/dL)/U, IOB Status = Enabled, IOB = 0.00 U, Sub Type = Normal, Status = Completed, Calculated = 2.75 U
11/8/2019	3:26 pm	After Lunch	Glucose	377 mg/dL	03-25872-15	After Meal
11/8/2019	9:51 am	After Breakfast	Basal	0.780 U/hr	03-25872-15	Normal Basal
11/8/2019	9:46 am	After Breakfast	Prime	0.54 U	03-25872-15	
11/8/2019	9:42 am	After Breakfast	Basal	0.000 U/hr	03-25872-15	Normal Basal
11/8/2019	9:27 am	After Breakfast	Bolus	17.15 U	03-25872-15	Initiator Source = Pump, Type = Normal Bolus, Sub Type = Normal, Status = Completed
11/8/2019	9:02 am	After Breakfast	Glucose	290 mg/dL	03-25872-15	After Meal
11/8/2019	7:00 am	Before Breakfast	Basal	0.780 U/hr	03-25872-15	Normal Basal
11/8/2019	2:51 am	Overnight	Alarm		03-25872-15	Low cartridge, Code = 178, Sub Code = 0000
11/8/2019	1:15 am	Overnight	Bolus	0.95 U	03-25872-15	Trigger = ezBG, Initiator Source = RF remote, Type = Normal Bolus, Sub Type = Normal, Status = Completed, Calculated = 0.95 U
11/8/2019	1:14 am	Overnight	Glucose	262 mg/dL	03-25872-15	
11/8/2019	12:00 am	Overnight	Basal	0.980 U/hr	03-25872-15	Normal Basal
11/7/2019	11:57 pm	Bedtime	Total Daily Dose	61.78 U	03-25872-15	Basal Insulin = 20.48 U, Bolus Insulin = 41.30 U
11/7/2019	10:00 pm	Bedtime	Basal	1.030 U/hr	03-25872-15	Normal Basal
11/7/2019	9:36 pm	After Dinner	Bolus	0.00 U	03-25872-15	Trigger = ezBG, Initiator Source = RF remote, Type = Normal Bolus, Sub Type = Normal, Status = Completed, Calculated = 0.00 U
11/7/2019	9:36 pm	After Dinner	Glucose	342 mg/dL	03-25872-15	After Meal
11/7/2019	8:26 pm	After Dinner	Bolus	7.60 U	03-25872-15	Initiator Source = Pump, Type = Normal Bolus, Sub Type = Normal, Status = Completed

Reported for Patient 5, Brenda on 1/8/2020 from OneTouch Reveal® 4.0.0
OneTouch Ping® 03-25872-15, OneTouch Ping® 03-25872-15

Glossary

Definitions of terms used in OneTouch Reveal® web app reports

Adherence Analysis Report. A report that provides an overview of adherence data on blood glucose monitoring and other events such as insulin dosing for a selected date range.

Average daily risk range (ADRR). A measurement of variability in blood glucose fluctuations, using a range scale of 0–60. A measurement of 0–19 represents low risk, 20–39 represents medium risk, and 40–60 represents high risk.

Basal dose. The continuous amount of insulin the body needs throughout the day.

BG. Abbreviation for blood glucose.

Bolus dose. The additional units of insulin needed to cover carbohydrates or to correct a high blood glucose level.

Coefficient of variation (CV). Defined as the ratio of the standard deviation (SD) to the mean (average), expressed as a percentage: $\%CV = 100 \times SD/\text{mean}$.

Data List Report. A report that provides a tabular view of all data captured by the device for a selected date range, displayed in chronological order.

Data record. A unit of information in OneTouch Reveal® web app such as a blood glucose reading, an insulin dose, or other information (e.g. a name).

Date range. The number of days of data (14, 30, 90, or a custom range) contained in each report.

Details by Day of Week Report. A report that provides a summary of glucose readings, insulin, and carbohydrate intake by day of week, for a selected date range.

Details by Time of Day Report. A report that provides a summary of glucose readings, insulin, and carbohydrate intake by time of day, for a selected date range.

Device. Blood glucose meter or insulin pump that can transfer data to the OneTouch Reveal® web app.

Excursion Analysis Report. A report that provides a listing of hyperglycemia, hypoglycemia, variability, and pump patterns for a selected day range.

Footnotes. Messages appearing at the bottom of reports that communicate additional information.

Glucose average. The arithmetic mean calculated for a set of glucose readings.

High blood glucose indicator (HBGI). A measure for estimating hyperglycemia risk. A score of 4.5 or lower indicates low risk, a score between 4.5 and 9.0 indicates moderate risk, and a score higher than 9.0 indicates high risk.

HIGH blood glucose readings. When 'HIGH' (or 'HI') appears in a report in capital letters, it refers to glucose readings higher than the measurement range of the meter. Consult the Owner's Booklet for the measurement range of your device.

Integrated Daily View Report. A report that provides glucose readings daily CGM tracings with basal, I:C (insulin to carbohydrate) ratio, ISF (insulin sensitivity factor), total daily carbohydrates, and insulin dose data by time of day, for a selected day range.

Logbook Report. A report that lists glucose readings and pump, carbohydrate, and insulin data in columns by time of day, for a selected date range.

Low blood glucose indicator (LBGI). A measure for estimating hypoglycemia risk. A score of 1.1 or lower indicates minimal risk, a score between 1.1 and 2.5 indicates low risk, a score between 2.5 and 5.0 indicates moderate risk, and a score higher than 5.0 indicates high risk.

Low blood glucose readings. When 'LOW' (or 'LO') appears in a report in capital letters, it refers to glucose readings lower than the measurement range of the meter. Consult the Owner's Booklet for the measurement range of your device.

Median. The middle value in a data set (taken as the average of the two middle values when the sequence has an even number of values).

Meter ID. A serial number stored in the memory of each meter. OneTouch Reveal® web app retrieves the meter ID when transferring meter results so it can keep track of the meter from which the data originated.

Patient Summary Report. A report that provides an overview of glucose patterns and excursions, testing and dosing regimens, and key comparative statistics for a selected date range.

Pattern messages. Messages appearing in reports that may help identify trends in patient data.

Schedule. A 24-hour day divided into eight time periods that can be customised to meet an individual's personal daily routine.

Standard deviation (SD). A measure of dispersion – i.e. how much the test results in a certain set are scattered around the mean. A low SD signifies that the test results are tightly clustered; a high SD signifies the results are widely scattered.

Tags. A note attached to a result to further identify the data. The tag may indicate that the result is a Before Meal, After Meal, Fasting, or Bedtime result.

Target range. The range (upper and lower limits) of preferred glucose levels.

Time period. The eight periods within a 24-hour day used to organize data transferred to the OneTouch Reveal® web app.

Transfer. The procedure that moves data from a meter or insulin pump to the OneTouch Reveal® web app.

Unit of measure. Blood glucose readings as well as other test results are reported in mg/dL or mmol/L.

The OneTouch Reveal® web app helps you make more informed treatment decisions*

Discover the benefits of the OneTouch Reveal® web app with your patients



OneTouch Verio Reflect® meter

OneTouch Verio Flex® meter



OneTouch Verio Reflect® and OneTouch Verio Flex® meters

connect to a single tool that downloads and seamlessly aggregates data.

OneTouch Reveal® web app. A simple way to help patients stay on track — in the moment and between visits:

- Simple, colorful visuals that highlight patterns
- Connects blood glucose, food and insulin in new ways
- Results can be shared with you, between visits or during appointments

For Healthcare Professionals only

* Based on a study conducted in the U.S.A with 63 healthcare professionals, in 2012, that compared the use of OneTouch Reveal® web app reports with the use of paper logbooks.

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