Bionic Report Guide

Beta Bionics

LA000070E

You can view patient data and reports on the Beta Bionics portal: https://portal.betabionics.com/. **It is important to remember that the system controls 100% of the insulin dosing.** This guide reviews features that are unique to the Bionic Report and how to use the report to discuss behavior, to re-educate when needed, and to determine if adjustments are necessary.

1 Recent Insights

Mostly "Usual" Meals
Most of your meal announcements were "Usual", which helps the system learn and adapt meal dosing over time.

Rebound High Glucose Events
Higher glucose levels following a low may be associated with excess carb intake and larger glucose swings.

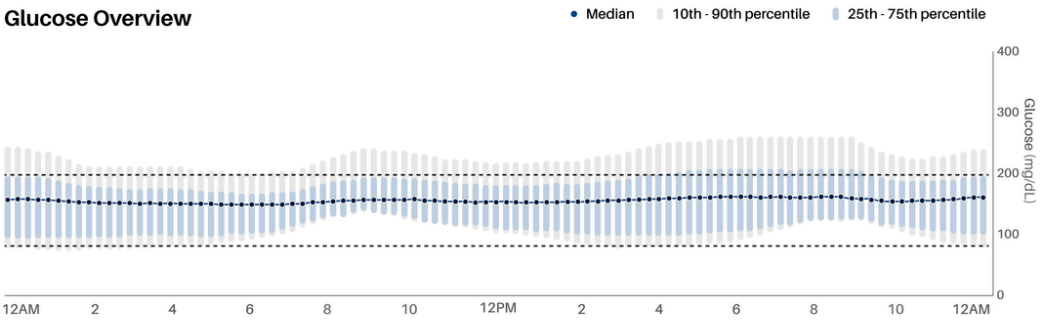
Frequent Insulin Pauses
Long manual pauses may be associated with high glucose. The pump will automatically suspend insulin around low glucose.

Several Dosing Stopped Events
Frequent interruptions in dosing may be associated with unresolved device alerts and high glucose.

Recent Insights are based on the 7- or 14-day Daily View events only and may differ from metrics calculated across the full report date range.

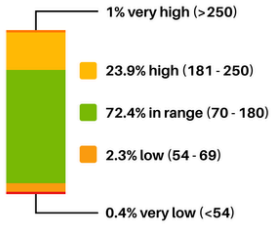
Absence of an insight does not confirm absence of clinically relevant conditions.

2 Glucose Overview



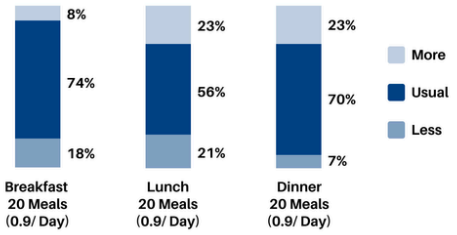
Dexcom CGM Time In Range

Range in mg/dL



Dexcom CGM | Availability - 97%

3 Meal Announcements



Meal Announcements Per Day - 2.4

4 Glucose Summary

GMI	6.8%
Average	144.7 mg/dL
SD	46.0 mg/dL
CV	31.8%
Median	139 mg/dL

5 Insulin History

Body Weight - 174 lbs (79 kgs)

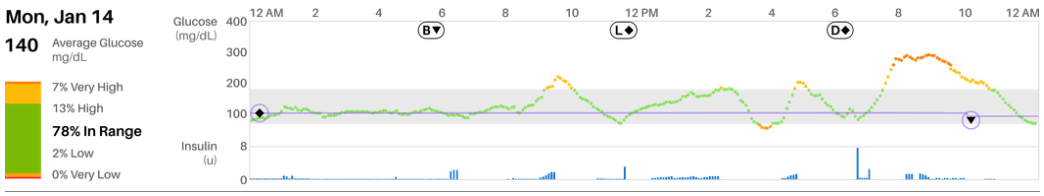
Total Daily Dose	47.2 units
Total Daily Basal	24.6 units
Usual Breakfast	5.9 units
Usual Lunch	10.0 units
Usual Dinner	6.8 units

CAUTION: Always refer to your pump for the latest details

Key:
(B) Breakfast · (L) Lunch · (D) Dinner · Less/Lower · Usual · More/Higher · Weight Change
CGM Target · Insulin Paused · Dosing Stopped · BG Entry · Therapy Change

Note: Dosing Stopped could occur for one of the following reasons: empty cartridge, occlusion, no CGM for 72 hours, not enough BG entries when there is no CGM, and pump malfunction. Pause Insulin periods are started by the user and must be ended by the user.

6 Daily Views



1 Recent Insights
Surfaces clinically relevant indicators, user activities, and system events that may influence glucose results.

2 Glucose Overview
Summarizes the user's CGM glucose over a 24-hour period for the selected date range.

3 Meal Announcements
Provides the number of meals announced by meal type, the percentage of each meal type by meal size and average meal announcements per day.

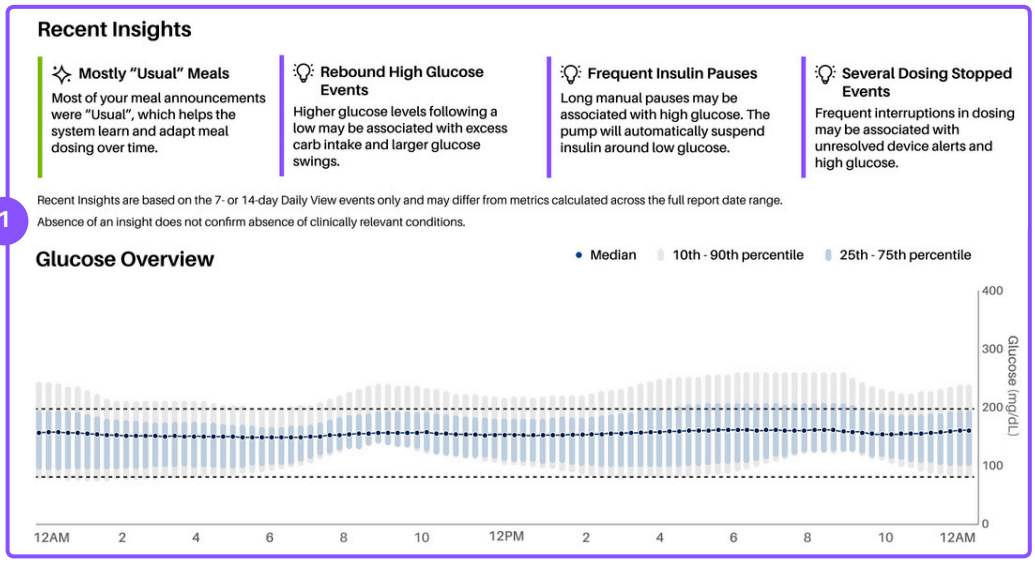
4 Glucose Summary
An overview of glucose outcomes across the reporting period.

5 Insulin History
A snapshot of the most recent insulin dosing.

6 Daily Views
Provides daily readouts up to the past 14 days for the selected date range. Daily views include: CGM metrics, meal announcements, insulin dosing, events, and **CGM Target(s)** for each day.

Note: The Bionic Report does not replace comprehensive review of a patient's diabetes-management data, and the absence of a surfaced insight does not mean no clinically relevant conditions exist.

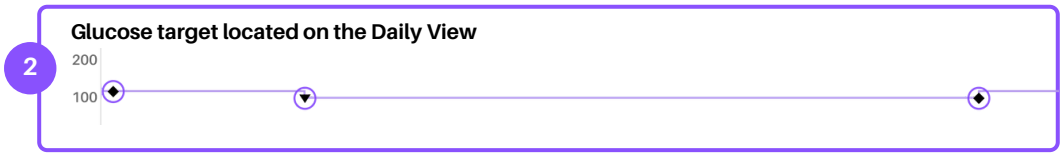
Stepwise Approach to Reviewing the Bionic Reports



1

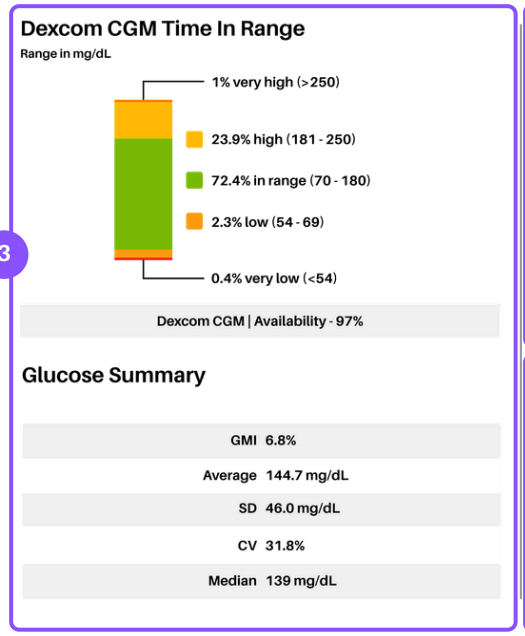
Look for:

- Events flagged in Recent Insights
- Patterns in hypoglycemia and hyperglycemia



2

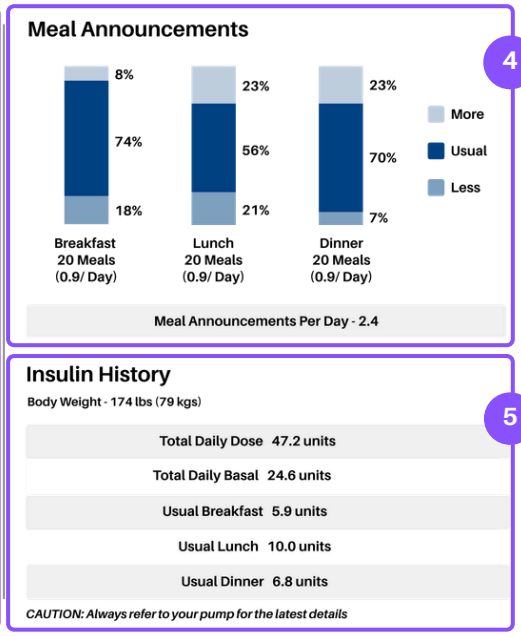
Note current glucose target(s).



3

Assess Key metrics:

- Average glucose
- Time <54 mg/dL
- Time <70 mg/dL
- Time in range (TIR)



4

Assess Meal Announcements:

- Most meals should be announced as Usual
- Less only appears on the report if the dose for each meal type has adapted at least once and Less has been used.

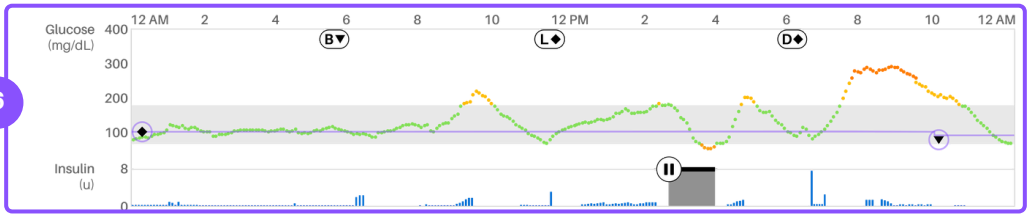
Determine:

- Is the patient announcing most meals?
- Were most announced as Usual?
- Have the meal doses adapted? (Less becomes available on the Announcement screen once they have.)

5

Review insulin history:

- Update weight if there is a greater than 15% change between current weight and the weight on the report.
- The following doses are reported for the selected date range:
  - Usual meal doses by meal type
  - Total Daily Basal
  - Total Daily Dose



6

Review daily views:

- Identify specific patterns:
  - Hypoglycemia
  - Hyperglycemia
  - Meal announcements
- Assess and re-educate on meal announcement patterns, exercise, and overtreatment of lows as needed.

Considering a glucose target change?

- If glucose outcomes are not optimal, consider behavior first (device maintenance, diet, meal announcements, exercise, overtreatment of lows, etc).
- Two different targets can be used if hypoglycemia or hyperglycemia varies by time of day.
- For more information on the glucose target and recommendations for adjusting the target, refer to the iLet Bionic Pancreas System: Guide for Healthcare Providers: https://www.betabionics.com/hcp/hcp-resources/