Omnipod 5

Automated Mode: SmartAdjust Technology

- Predicts glucose value 60 minutes ahead and adjusts insulin delivery every 5 minutes using sensor glucose and trend, Adaptive Basal Rate, and IOB
  - Main adjustable setting: Target Glucose (110-150 mg/dL)
    - Up to 8 time-segments per day
  - Basal Programs, Max Basal, Correction Factor and Duration of Insulin Action will not affect SmartAdjust Technology
- **SmartBolus Calculator** settings can also be adjusted to impact TDI and post-meal glucose
  - ICR, CF, Correct Above, Reverse Correction, Duration of Insulin Action
    - Affect bolus amounts in Auto and Manual modes
- **Adaptive Basal Rate**: Insulin delivery calculated by algorithm to aim glucose toward target
  - Daily insulin needs updated with each pod change, resulting in changes over time based on insulin delivery history
  - When algorithm predicts high glucose values, it will deliver a microbolus up to 4x the users Adaptive Basal Rate every 5 minutes
- **Automated Mode: Limited**
  - Pod and sensor have lost communication for more than 20 minutes (not within line of site on body, sensor warm-up, required calibration, environmental interference, sensor/transmitter paired with another device; Insulin delivery paused for too long; Algorithm has delivered maximum amount of microboluses allowed by system)
    - Algorithm looks at basal rate in Manual Mode and Adaptive Basal Rate for this pod and chooses the lower amount every 5 minutes
    - **Must switch to Manual Mode for 5 minutes before switching back to Automated Mode**

Manual Mode: System delivers insulin based on user-defined Basal Programs.

- No automated adjustments of insulin delivery
- Up to 12 basal programs with 24 hourly segments within each program
- **Temporary Basal**: Manual Mode setting used to handle temporary changes to your routine (such as illness or exercise).
  - Duration: 30 minutes to 12 hours
  - Reverts to scheduled basal program when temp basal ends
  - Can be programmed in units/hour or %
    - When using %, you can set the temp basal up to 95% more than your Basal Program
    - Cannot set a temp basal rate that would go above Max Basal Rate (applies to units/hour and %)
- **Extended Bolus**: allows % of a meal bolus dose to be given immediately and a % to be delivered over a chosen period of time.
  - Manual Mode setting
  - Duration: 30 minutes to 8 hours
  - Correction bolus cannot be extended

Reverse Correction: Suggested bolus is decreased when glucose is below target value

- Manual and Automated mode setting
  - If sensor glucose is trending down, SmartBolus Calculator may subtract insulin even if Reverse Correction setting is off

Activity Mode: Automated Mode setting that allows system to give less insulin when needed.

- Reduces automated insulin delivery
- Sets Target Glucose to 150 mg/dL, regardless of target settings; Does not change Target Glucose used in bolus settings
- Duration: 1 - 24 hours
- Recommended to activate 30-60 minutes before exercise

Approved for people with T1D age 2+ and people with T2D age 18+ using a minimum TDD of 5 units