# **INSULIN PUMP OPTIONS**



## Medtronic Minimed 780G

- Integrates with Guardian 4 CGM
  - ManualMode: suspend-before-low
  - SmartGuard: hybrid closed-loop system automatically adjusts basal insulin and provides correction boluses based on sensor readings and predictions
    - Approved ages 7+, min. 8 units TDD
    - Guardian 4 CGM approved for dosing decisions in SmartGuard
- MiniMed Mobile app view pump data on phone
- CareLink Connect app allows up to 5 caregivers to see pump and CGM data remotely
- Small basal (0.025 increments) -- minimum of 0.5u Lantus/Basaglar
- Waterproof
- Uses AccuChek Guide Link meter to send BG data to pump for bolusing



Medtronic 780G

## Tandem T:slim X2

- Integrates with Dexcom G6, Dexcom G7, and Libre 2 Plus CGM
  - Control-IQ: hybrid closed-loop system automatically adjusts basal insulin and provides partial correction boluses based on sensor readings and predictions
    - Approved ages 6+, weight 55 lbs+, min. 10 units TDD
- t:connect mobile app bolus from phone
- Small basal dosing starting at 0.1 units per hour and increases at 0.001 increments thereafter —min. of 2.5u Lantus/Basaglar
- Touchscreen, build-in rechargeable battery
- Waterproof at 3ft for 30 min
  Tandem Mobi
- Integrates with Dexcom G6 and G7 CGM
- Ages 6+, Control-IQ software
- Hybrid micro-pump; optional patch for onbody wear; waterproof
- Fully mobile app dependent (iPhone only)
- In-warranty upgrade program with cost\*



Tandem t:slim x2



Tandem Mobi

## Omnipod 5

- Integrates with Dexcom G6 and G7\* CGM
  - G7 available for commercial insurance only
  - Manual Mode: uses CGM trend arrows to increase/decrease boluses; no automation in background
  - Automated Mode: hybrid closed-loop system automatically adjusts basal insulin based on sensor readings and predictions
    - Approved ages 2+, min. 5 units TDD
    - Must be using Dexcom *mobile app*
- No tubing: wear a self-adhesive insulin pod filled with insulin and uses a separate controller to program pump and deliver boluses
  - Select Android phones compatible to use as OP5 controller; iOS compatible with Dexcom G6 only
- Pods are waterproof, controller is not
- Small basal dosing (0.05 increments) minimum of 1.5u Lantus/Basaglar



**Omnipod 5** 

## **CONTINUOUS GLUCOSE MONITOR OPTIONS**

### **Medtronic Guardian Sensors**

- FDA-approved ages 7+, **5-7 day wear**, two pieces: sensor and transmitter
  - Connect: standalone CGM with Guardian Connect mobile app only, requires twice daily calibrations, not approved for dosing decisions
  - Link 3: compatible with Minimed 670G/770G pump, requires twice daily calibrations, not approved for dosing decisions
  - Link 4: compatible with Minimed
    780G pump, may dose off of sensor
    readings (no fingersticks required)
- Sugar.IQ Smart mobile app shows trends and patterns
- **CarelinkConnect mobile app** allows remote following for pumps/sensor. Ability to get text alerts for Guardian Connect (up to 5 people)

### Dexcom G7 CGM

- FDA-approved ages 2+, **10.5-day wear**, all-in-one sensor/transmitter
- FDA-approved to dose off of sensor readings, no fingersticks required
- Integrates with T:slim X2, Tandem Mobi, and Omnipod 5 pumps
- Displays glucose data on Dexcom G7 mobile app or Dexcom G7 receiver
- **Dexcom Follow mobile app** allows up to 10 followers to monitor glucose remotely from their smart device
- Clarity App shows trends and patterns, also generates reports for healthcare provider to view

### Dexcom G6 CGM

- Integrates with T:slim X2, Tandem Mobi, and Omnipod 5 pumps
- Two pieces: sensor and transmitter, 10day wear

#### Libre 3 Sensor

 FDA-approved ages 4+, **14-day wear**, all-inone sensor/transmitter, no fingersticks required

The Kid Experts"

- Displays glucose data on Libre 3 mobile app or Libre 3 reader
- LibreLinkUp mobile app allows remote monitoring for up to 20 followers

Libre 3 Plus Sensor

- 15 day wear, data shows up on mobile or reader
- Not pump compatible yet

### Libre 2 Sensor

- Must scan reader over sensor to see data, will backfill up to 8 hours of data
- Sensor data shows up on Libre 2 mobile or Libre 2 reader

#### Libre 2 Plus

- 15 day wear, Integrates with Tandem X2 pump
- Requires use of **t:connect mobile app**
- Unable to share/follow









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Libre 3

Libre 2



Dexcom G6

