

INSULIN PUMP OPTIONS

Medtronic 770G with Guardian 3 CGM

- Integrates with Guardian Link 3 CGM
 - **ManualMode:** suspend before low
 - **AutoMode:** hybrid closed-loop system automatically adjusts basal insulin based on sensor readings and predictions
 - Approved ages 2+, min. 8 units TDD
- MiniMed Mobile app – shows 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



Tandem T:slim X2

- Integrates with Dexcom G6 CGM
 - **Basal-IQ:** suspend before low
 - **Control-IQ:** hybrid closed-loop system automatically adjusts basal insulin and gives correction boluses based on sensor readings and predictions
 - Approved ages 6+, weight 55 lbs+, min. 10 units TDD
- Ability to bolus from t:connect mobile app
- 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
- Water proof at 3ft for 30 min
- No linking meter, Dexcom values auto-populate in dosing calculator for CIQ
- Apidra cannot be used in T:Slim
- Remote software updates with X2 technology changes
- Automatic data stream to cloud via t:connect phone app



Omnipod

- Three versions
 - **OP5:** integrates with Dexcom G6 CGM; hybrid closed-loop system automatically adjusts basal insulin based on sensor readings and predictions
 - Approved ages 2+, min. 5 units TDD
 - **DASH:** reports integrate with Dexcom
 - **Eros:** runs under *Medical coverage*
- No tubing: wear a self-adhesive insulin pod filled with insulin; changed every 2-3 days
- Uses a Personal Diabetes Manager (PDM) to program pump and deliver boluses
 - Freestyle Meter built into Eros PDM
- Pods are waterproof, PDM is not
- Small basal dosing (0.05 increments) — minimum of 1.5u Lantus/Basaglar
- Some insurance plans do not cover the Omnipod, or only cover Eros system



CONTINUOUS GLUCOSE MONITOR OPTIONS

Medtronic Guardian Connect Sensor

- FDA-approved ages 14+, 7-day wear
- Two pieces: sensor and transmitter
- Must use blood sugar (not sensor glucose) to dose for BGs needing a correction; must calibrate at least twice daily
- Displays glucose data on Guardian app or Medtronic 770G pump (no receiver available)
- Sugar.IQ Smart App shows trends and patterns
- Carelink website allows our clinic to be able to view sensor reports
- Ability to get text alerts to notify parents/caregivers when BG crosses alert threshold (can text up to 5 people)
- Uses a different transmitter than the 770G pump, but can trade in transmitter if transitioning to pump therapy



Guardian Connect

Dexcom G7 CGM

- FDA-approved ages 2+, 10-day wear, all-in-one sensor/transmitter
- FDA-approved to dose off of sensor readings, no fingersticks required
- 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 and Omnipod 5 pump; can be used with any pump as a standalone sensor
- Two pieces: sensor and transmitter



Dexcom G7



Dexcom G6

Libre 3 Sensor

- FDA-approved ages 4+, 14-day wear, all-in-one sensor/transmitter
- FDA-approved to dose off of sensor readings, no fingersticks required
- Displays glucose data on Libre 3 mobile app (no standalone reader available)
- No integration with an insulin pump;
- Libre 2 mobile app actively shares data with our clinic in real-time; can generate reports directly from app
- Freestyle LibreLinkUp App allows remote monitoring for up to 20 followers

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 reader OR Libre 2 mobile app



Libre 3



Libre 2