

FRAMEWORK SCORE

## Simplera Sync at a glance

5 / 5

One of three sensors for the MiniMed 780G AID system

Sits alongside Guardian 4 (7-day) and the Abbott-made Instinct (15-day, CE Mark 10 Mar 2026). If you're not on the 780G, Simplera Sync is not available to you as a standalone CGM.

WEAR  
**6d**  
+ 24 h grace

PIVOTAL  
**n=243**  
CIP330, ages 2-80

SENSOR  
**2+**  
CE/FDA per Table 1

780G SYSTEM  
**2/7+**  
CE 2+, FDA 7+

*Ref: CIP330 pivotal 2025 (sponsor Medtronic Diabetes at trial time; diabetes business rebranded to MiniMed post 12 Jun 2025). 93% of time in SmartGuard mode during AID use.*

THE ESSENTIALS

- ✓ **6 days + 24-hour grace.** Shorter than Dexcom (10d) and Libre (15d) - plan your supply.
- ✓ **All-in-one disposable.** No reusable transmitter. Every change is a fresh device.
- ✓ **Upper arm only.** No abdomen or buttock option.
- ✓ **Factory calibrated.** May prompt occasional confirmation checks.
- ✓ **Smartphone or MiniMed pump display.** Direct integration - no separate transmitter or bridge.
- ✓ **Non-adjunctive within the 780G system.** System-level performance is what matters.

GETTING THE MOST FROM SIMPLERA · PART 1

### The confirmation-check gotcha

When Simplera asks for a confirmation check, you must do a **proper finger-stick blood glucose test**. Entering the CGM number you can see on-screen produces a circular "confirmation" that adds no error correction. This defeats the safety step.

**Raised in GNL Podcast Episode 36 (DSN Forum UK).** Keep a meter handy. If you don't confirm with an actual blood glucose, the sensor stays uncorrected and the 780G acts on potentially drifted values.

GETTING THE MOST FROM SIMPLERA · PART 2

### System-level, not sensor-level

With Simplera on a 780G, the sensor is one input to an algorithm. The clinical outcome that matters is **time in SmartGuard mode**, not sensor accuracy figures in isolation.

- ▶ **Aim for 93%+ SmartGuard time.** That's the CIP330 trial benchmark.
- ▶ **If you're dropping out of Auto mode often** - usually a sensor signal issue, a calibration prompt missed, or high-end glucose excursions the algorithm can't pull back.
- ▶ **Review CareLink weekly.** Time in range, time in Auto mode, auto-corrections delivered.

ALERTS ON THE 780G

### Simplera + SmartGuard alerts

- ▶ **Low alert / Alert before low.** Predictive. Set against your floor.
- ▶ **High alert / Alert before high.** Configurable.
- ▶ **SmartGuard Auto mode notifications.** Exit / re-entry, minimum delivery, maximum delivery.
- ▶ **Sensor signal loss.** 30-minute tolerance before system exits Auto mode.

DEVICE PARTNER

### AID compatibility

- ▶ **MiniMed 780G only.** Not compatible with Omnipod, Tandem, CamAPS, or any other pump or loop.
- ▶ **Successor to Guardian 4.** Simplera is all-in-one; Guardian 4 needed a separate rechargeable transmitter.

**Considering a different CGM?** Simplera is not an option off the 780G. Moving to Dexcom G7 or Libre 3 Plus means moving to a different pump or AID as well.

## MAJOR IN THE MAJORS · #1

## Skin care and sites

Simplera is an upper-arm-only sensor with a 6-day wear. Faster turnover = more adhesive exposures per year. Skin care matters.

- ▶ **Approved site.** Upper arm only. Rotate arms every change.
- ▶ **Clean and dry.** Alcohol wipe, let it fully dry.
- ▶ **Barrier wipe** (Skin-Tac, Cavilon) if you have sensitive or sweaty skin.
- ▶ **Overlay patch** for sport, swimming or hot weather.
- ▶ **Six-day cycle.** Schedule changes on a consistent day so you never get caught without a spare.
- ▶ **Reaction?** Stop and speak to your diabetes team.

## MAJOR IN THE MAJORS · #2

## Staying in SmartGuard Auto mode

- ▶ **Keep sensor signal strong.** Phone / pump within Bluetooth range. Signal loss > 30 min kicks you out of Auto.
- ▶ **Answer confirmation prompts quickly** - with a real finger-stick, not the CGM number.
- ▶ **Bolus before eating.** 780G cannot anticipate meals. A late bolus drives glucose above the algorithm's working range and the system falls back to manual.
- ▶ **Auto-correct is safe, not prescriptive.** SmartGuard delivers up to one auto-correction every 5 minutes when above target. If yours is silent, check mode, sensor, IOB.
- ▶ **Review weekly.** Open CareLink, check time in Auto mode first, time-in-range second.

## MAJOR IN THE MAJORS · #3

## Two actions that move HbA1c most

Don't take our word - use the tools. Each Explorer models the physiology for your number, your weight, your arrow.

**ACTION 1**

### Walking a high down early

Brisk walking brings glucose down within 10-30 min - SmartGuard can only auto-correct so fast.


**ACTION 2**

### Personalised hypo treatment

Glucose dose matched to weight, level and arrow. Glucose only - measure, then wait 20 min.



## GO DEEPER

## GNL explorers, guides & podcasts

Interactive tools, graded evidence and long-form reading when you want more than a leaflet.

**GUIDE**

### Full CGM Guide - 6-part series

Accuracy, alerts, arrows and real-world use across every CGM.


**SYSTEM**

### MiniMed 780G + Simplera Guide

Deep dive on the MiniMed AID system and its three compatible sensors (Guardian 4, Simplera Sync, Instinct).


**PODCAST**

### Episode 36 - DSN Forum UK

The confirmation-check gotcha and other Simplera practicalities.


**ASK**

### Grace - evidence-backed Q&A

Ask anything about Simplera, 780G or T1D.

