

# Here and Now



**Diabetes  
Technology  
Network UK**

Collaborate • Evolve • Support

## And Coming Soon...

**#DTNUK2026**



# Disclosures



**Diabetes  
Technology  
Network UK**

Collaborate • Evolve • Support

## **Amy Jolley – NHS diabetes specialist dietitian**

Provided consultancy for Medtronic and Ypsomed; received honoraria for speaking from Insulet, Medtronic, SBK, and Diabetes MyWay. Delivered industry supported continuing medical education activities for Dexcom.

DTN committee

Faculty for Lead Academy for Nurses; Diabetes Educator Leader network

None of these activities are considered to be a conflict for this presentation.

# Study Design, Clinical Accuracy, and Regulatory Approval Status of CGM Systems Available in the UK

CGM Systems (Distributor in the UK)	Study Design Assessment and Score						Accuracy Data & Regulatory Status										
	Peer-reviewed <sup>a</sup>	≥70% T1D	Meal & insulin challenge	≥8% of readings <4.4 mmol/L (80 mg/dL)	≥5% of readings >16.7 mmol/L (300 mg/dL)	Study design score <sup>b</sup>	<p>The 20/20 and 40/40 metrics offers a better representation of the percentage of glucose readings that pose no risk and high risk to clinical decision-making, respectively. In contrast, the Mean Average Relative Difference (MARD) does not indicate the proportion of risk-free readings and is therefore not included.</p> <p><b>20/20:</b> Percentage of CGM within ±20% of the comparator blood glucose levels ≥5.5 mmol/L and within ±1.1 mmol/L (20 mg/dL) for blood levels &lt;5.5 mmol/L.</p> <p><b>40/40:</b> Percentage of CGM within ±40% of the comparator blood glucose levels ≥5.5 mmol/L and within ±2.2 mmol/L (40 mg/dL) for blood levels &lt;5.5 mmol/L.</p>										
							Age range tested	N = adults	Adult 20/20 <sup>c</sup>	Adult 40/40 <sup>c</sup>	N = Paed	Paed 20/20 <sup>c</sup>	Paed 40/40 <sup>c</sup>	CE marking for non-adjunctive <sup>a</sup> (age indication)	iCGM for HCL <sup>f</sup>	GP via FP10	NHS Supply Chain
<b>Non-adjunctive use:</b> Licensed for clinical decision-making including insulin dosing. Finger-prick blood glucose confirmation is not required for treatment decisions, unless symptoms do not match the CGM reading or the value and/or trend arrow is unavailable.																	
Accu-Chek SmartGuide® (ROCHE) <sup>1</sup>	✓	✓	✓	✓	✓	5	≥18yrs	48	91%	99%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	✓ <sup>j</sup> (18yrs)	x	✓	x
ALLYcgM (AgaMatrix) <sup>9</sup>	✓	✓	✓	✓	✓	5	≥18yrs	30	94%	>99.5%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	✓ (18yrs)	x	x	x
CareSens Air® (Spirit Healthcare) <sup>9</sup>	✓	✓	✓	✓	✓	5	≥18yrs	30	94%	>99.5%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	✓ (18yrs)	x	✓	x
Dexcom G6™ (Dexcom) <sup>2-3</sup>	✓	✓	✓	✓	✓	5	≥2yrs	159	93%	>99.5%	165	92%	>99.5%	✓ (≥2yrs)	✓ <sup>h</sup>	x	✓
Dexcom G7™ (Dexcom) <sup>4-5</sup>	✓	✓	✓	✓	✓	5	≥2yrs	316	95%	>99.5%	127	95%	>99.5%	✓ (≥2yrs)	✓ <sup>i</sup>	x	✓
Dexcom One™ (Dexcom) <sup>2-3</sup>	✓	✓	✓	✓	✓	5	≥2yrs	159	93%	>99.5%	165	92%	>99.5%	✓ (≥2yrs)	x	✓	x
Dexcom One+™ (Dexcom) <sup>4-5</sup>	✓	✓	✓	✓	✓	5	≥2yrs	316	95%	>99.5%	127	95%	>99.5%	✓ (≥2yrs)	x	✓	x
FreeStyle Libre® 2 Plus (Abbott) <sup>6,7</sup>	✓	✓	✓	✓	✓	5	≥2yrs	148	94%	>99.5%	127	94%	>99.5%	✓ (≥2yrs)	✓	✓	✓
FreeStyle Libre® 3 Plus (Abbott) <sup>6,7</sup>	✓	✓	✓	✓	✓	5	≥2yrs	148	94%	>99.5%	127	94%	>99.5%	✓ (≥2yrs)	✓	✓	✓
Simplera/Simplera Sync™ (Medtronic) <sup>8</sup>	✓	✓	✓	✓	✓	5	≥2yrs	160	89%	<sup>d</sup>	138	88%	<sup>d</sup>	✓ (≥2yrs)	x	x	✓
GlucoMen iCan (A. Menarini Diagnostics) <sup>8</sup>	x	✓	✓	✓	✓	4	≥2yrs	35	96%	>99.5%	60	95%	>99.5%	✓ (≥2yrs)	x	✓	x
Guardian™ 4 Sensor and Guardian™ 4 Link Transmitter (Medtronic) <sup>8</sup>	x	✓	✓	✓	✓	4	≥2yrs	153	88%	<sup>d</sup>	108	83%	<sup>d</sup>	✓ (≥2yrs)	x	x	✓
TouchCare® Nano AB (Medtrum) <sup>8</sup>	x	x	✓	<sup>d</sup>	<sup>d</sup>	1	≥14yrs	63	89%	99%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	✓ (≥2yrs)	x	x	✓
Linx (Microtech) <sup>8</sup>	x	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	0	≥18yrs	91	>90%	99%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	✓ (≥18yrs)	x	x	x
<b>Adjunctive use:</b> Not licensed for clinical decision-making. All clinical decisions must be confirmed with a finger-prick blood glucose test																	
Gluconovo® (Infinovo) <sup>10</sup>	✓	x	x	x	x	1	≥18yrs	78	90%	99%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	x (2yrs)	x	x	x
GlucoRx Aidex™ (GlucoRx) <sup>11</sup>	✓	x	x	x	x	1	≥18yrs	114	96%	>99.5%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	x (≥14yrs)	x	✓	x
Yuwell Anytime CT3 (Urathon) <sup>8</sup>	x	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	0	≥18yrs	72	93%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	x (>14yrs)	x	x	✓
Syai Tag (Syai Health Technology) <sup>8</sup>	x	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	0	≥18yrs	72	93%	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	<sup>d</sup>	x (≥18yrs)	x	x	x

## Comparison of Practical Features of Non-Adjunctive CGM Devices Available via Primary Care Prescribing Pathways

	Accu-Chek SmartGuide (ROCHE)	CareSens Air (Spirit Health)	Dexcom ONE (Dexcom)	Dexcom ONE+ (Dexcom)	FreeStyle Libre 2 Plus (Abbott) <sup>b</sup>	FreeStyle Libre 3 Plus (Abbott) <sup>b</sup>	GlucoMen iCan (A. Menarini Diagnostics)
Non-adjunctive decision making (insulin dosing)	✓ (18 yrs)	✓ (18 yrs)	✓ (2 yrs)	✓ (2 yrs)	✓ (2 yrs)	✓ (2 yrs)	✓ (2 yrs)
Randomised control trial data	✗	✗	✓ (G Series)	✓ (G Series)	✓ (Libre Series)	✓ (Libre Series)	✗
Hybrid closed loop (HCL) compatible	✗	✗	✗	✗	Omnipod 5 System <sup>a</sup>	YpsoPump mylife Loop (CamAPS Fx) <sup>a</sup>	✗
Sensor life	14 days	15 days	10 days	10 days (12 hr grace period)	15 days	15 days	15 days
Sensor warm up time	60 mins	Up to 30 mins	120 mins	Up to 30 mins	60 mins	60 mins	120 mins
Separate transmitter	✗	✗	✓	✗	✗	✗	✗
Transmitter life	-	-	3 months	-	-	-	-
Smartphone app	SmartGuide	CareSens Air	Dexcom ONE	Dexcom ONE+	LibreLink	Libre 3	iCan CGM
Reader available	✓	✓	✓	✓	✓	✓	✓
Capillary glucose calibration (mandatory)	Two BG tests after 12-14 hrs	✗	✗	✗	✗	✗	✗
Capillary glucose calibration (Optional)	✗	✓	✓	✓	✗	✗	✗
High & low alarms	✓	✓	✓	✓	✓	✓	✓
Predictive alarms and other alarms	✓ (SmartGuide Predictions 30-min, 2 hrs & 7 hrs)	✓	✗	✗	✗	✗ (stand-alone) ✓ (HCL)	✗
Smart pen data connection	✗	✗	NovoPen 6 & Echo Plus ▲ SoloSmart pen cap ▲	NovoPen 6 & Echo Plus ▲ SoloSmart pen cap ▲	NovoPen 6 & Echo Plus	✗	✗
Data share HCP	ROCHE DiabeteCare	Sens365 Web	Clarity Glooko	Clarity Glooko	LibreView	LibreView	GlucoLog Web Glooko
Data share friends/family app (n=)	✗	Sens365 App	✗	Dexcom Follow (10)	LibreLinkUP (20)	LibreLinkUP (20)	iCan Reach (10)
UK approved wearable site	Back upper arm	Back upper arm	Abdomen, Back upper arm, Buttocks <sup>+</sup>	Abdomen, Back upper arm, Buttocks <sup>++</sup>	Back upper arm	Back upper arm	Abdomen, Back upper arm <sup>****</sup>

<sup>a</sup> iCGM approval (QBJ) from the FDA for interoperable use multiple HCL systems

<sup>b</sup> The non-Plus version is currently available but will be discontinued before the end of 2025, therefore not included as Plus version is available at the same cost.

\*When using LibreLink app on smartphone. 'Scanning' still required with reader device.

▲ via Glooko

- Not applicable

<sup>+</sup> 2-17 years old as per manufacturers' guidelines, <sup>++</sup> 2-6 years old as per manufacturers' guidelines,

<sup>\*\*\*</sup> 7-17 years old as per manufacturers' guidelines, <sup>\*\*\*\*</sup> 13 years and older

## Comparison of Practical Features of Non-Adjunctive CGM Devices Available via NHS Supply Chain Framework

	Dexcom G6 (Dexcom)	Dexcom G7 (Dexcom)	FreeStyle Libre 2 Plus (Abbott) <sup>b</sup>	FreeStyle Libre 3 Plus (Abbott) <sup>b</sup>	Guardian 4 (Medtronic) <sup>b</sup>	Simplera & Simplera Sync (Medtronic)	Nano TouchCare A8 (Medtrum)
Non-adjunctive decision making (insulin dosing)	✓ (2yrs)	✓ (2yrs)	✓ (2yrs)	✓ (2yrs)	✓ (2yrs)	✓ (2yrs)	✓ (2yrs)
HCL Randomised Trial data	✓	✓	✗ <sup>a</sup>	✗ <sup>a</sup>	✓	✓	✗ <sup>c</sup>
Hybrid closed loop (HCL) pump compatible	Tandem t:slim x2, DANA-i & YpsoPump mylife Loop with CamAPS Fx, Omnipod 5 System	Tandem t:slim x2, Omnipod 5 System	Omnipod 5 System	YpsoPump mylife Loop (CamAPS Fx)	MinMed 780G System	MinMed 780G System (Simplera Sync)	Medtrum Nano System
Sensor life	10 days	10 days with 12 hr grace period	15 days	15 days	7 days	7 days	14 days
Sensor warm up time	120 mins	30 mins	60 minutes	60 minutes	120 mins	120 mins	30 mins
Separate transmitter	✓	✗	✗	✗	✓	✗	✓
Transmitter Life	3 months	-	-	-	12 months	-	12 months
Smartphone app	Dexcom G6	Dexcom G7	LibreLink	Libre 3	MiniMed Mobile	Simplera (Simplera) MinMed Mobile (Simplera Sync)	EasySense
Reader available	✓	✓	✓	✓	✗	✗	✗
Capillary glucose calibration (mandatory)	✗	✗	✗	✗	✗	✗	✗
Capillary glucose calibration (Optional)	✓	✓	✗	✗	✓	✓	✓
High & low alarms	✓	✓	✓	✓	✓	✓	✓
Predictive alarms & other alarms	✓ (Urgent Low Soon)	✓ (Urgent Low Soon, Delayed First High)	✗	✗ (Stand-alone) ✓ (HCL)	✓	✓	✓
Smart pen data connection	NovoPen 6 & Echo Plus ▲ SoloSmart pen cap ▲	NovoPen 6 & Echo Plus ▲ SoloSmart pen cap	NovoPen 6 & Echo Plus	✗	InPen	InPen (Simplera)	✗
Data share HCP	Clarity Glooko	Clarity Glooko	LibreView	LibreView	CareLink	CareLink	EasyView
Data share friends/family app (n=)	Dexcom Follow (10)	Dexcom Follow (10)	LibreLinkUP (20)	LibreLinkUP (20)	CareLink Connect (5)	CareLink Connect (5)	EasyFollow (unlimited)
UK approved wearable site	Abdomen, Back upper arm, Buttocks <sup>†</sup>	Abdomen, Back upper arm, Buttocks <sup>††</sup>	Back upper arm	Back upper arm	Abdomen <sup>†</sup> , Back upper arm <sup>†††</sup> , Buttocks <sup>†††</sup>	Back upper arm <sup>†††</sup> Buttocks <sup>†††</sup>	Abdomen Back upper arm

<sup>a</sup> iCGM approval (QBJ) from the FDA for interoperable use multiple HCL systems

<sup>b</sup> The non-Plus version is currently available but will be discontinued before the end of 2025, therefore not included as Plus version is available at the same cost.

<sup>c</sup> Currently not recommended by the paediatric ([BSPED and ACDC](#)) adult ([DTN](#)) clinical organisations in the UK due to a lack of publicly available data

\* When using LibreLink app on smartphone. 'Scanning' still required with reader device.

▲ via Glooko

- Not applicable

<sup>†</sup> 2-17 years old as per manufacturers' guidelines.

<sup>††</sup> 2-6 years old as per manufacturers' guidelines

<sup>†††</sup> 7-17 years old as per manufacturers' guidelines.

<sup>††††</sup> ≥18 years old as per manufacturers' guideline



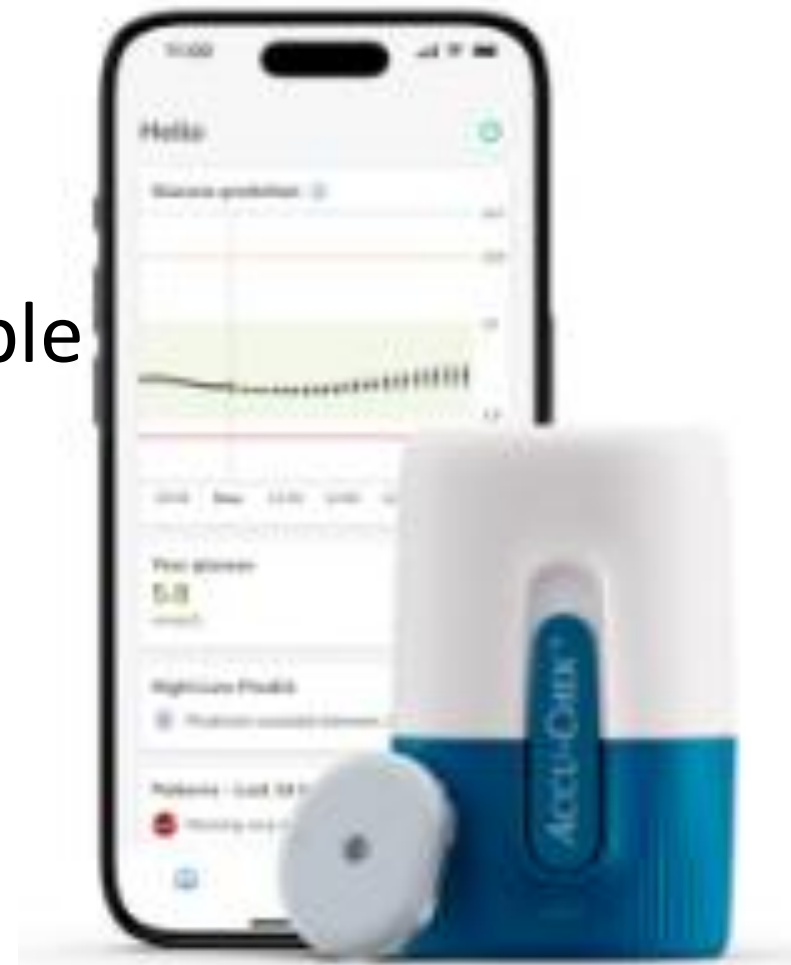
# CGMS – new since the last update



**Diabetes  
Technology  
Network UK**  
Collaborate • Evolve • Support


## Roche AccuChek SmartGuide

- Age 18+
- 14 day wear (arm)
- 60 minute warm up
- Smartphone app but reader available
- Mandatory calibration after 12-14hours wear
- Roche diabetes care platform to review data
- FP10



### Stay ahead of potential highs or lows


Our smart predictions empower you to take preventive action and get on with your daily routine with more peace of mind.



Low Glucose Predict

**30-minute prediction**

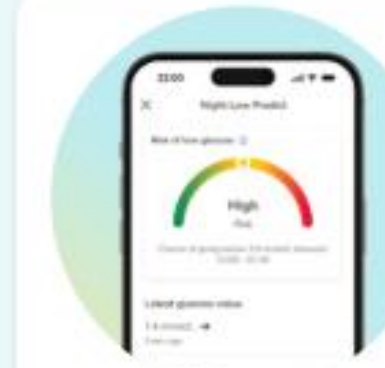
Feel more at ease with the Low Glucose Predict feature, which alerts you when a low is likely to happen soon so you can take immediate action to help prevent the hypo or reduce its duration and severity.<sup>2</sup>



Glucose Predict

**2-hour prediction**

Be prepared with the 2-hour Glucose Predict feature, which shows where your glucose is going to help you stay ahead of glucose excursions.



Night Low Predict

**Night-time prediction**

Enjoy a good night of sleep with the Night Low Predict feature, which shows your hypo risk in advance to help you prepare before bedtime.<sup>3</sup>

**Coming soon: Integration with MySugr; smartpen connections; mandatory calibration will cease; and Glooko compatibility**

# CGMS – new since the last update



**Diabetes  
Technology  
Network UK**  
Collaborate • Evolve • Support

## GlucoMen iCan

- Age 2+
- 15 day wear (arm and abdomen)
- 120 minute warm up
- Smartphone app but reader available
- Glooko compatible
- Unaffected by paracetamol use
- FP10



# CGMS – coming soon



**Diabetes  
Technology  
Network UK**

Collaborate • Evolve • Support

## MiniMed Instinct (and Instinct GO)

- Age 7+
- 15 day wear (arm and abdomen)
- 60 minute warm up



To connect with  
smart MiniMed pump



Guardian 3 (Link)



Guardian 4



Simplera Sync



Instinct sensor

To connect with  
smart MiniMed pen



Guardian Connect



Guardian 4 Smart MDI



Simplera CGM



Instinct sensor



# CGMS – coming soon



**Diabetes  
Technology  
Network UK**

Collaborate • Evolve • Support

## Abbott dual glucose ketone monitor

- Age
- 15 day wear (arm)
- 60 minute warm up
- Smartphone app
- Partnership with HCL systems



Dual Glucose Ketone Monitor

# MDI therapy

## Digital and connected pens



### NovoPen 6 and NovoPen Echo plus

- Compatible with NovoNordisk insulin100u/ml cartridges
- Can connect to Libreview and Glooko for retrospective review
- FP10



**dexcom**



Coming soon: White paper to be published on connected pens/smart pen systems and their place in the management of insulin treated diabetes




## Smart Pen systems

### Smart MDI with InPen

- Compatible with 100u/ml insulin cartridges: Lilly (grey); NovoNordisk (blue)
- Records CGM data; insulin doses delivered; and missed doses on app and reports available in Carelink platform
- App has a bolus advisor. Calculate mealtime and correction bolus doses via carb counting, meal estimation or fixed dose options
- Using Bluetooth, the system can produce alerts to missed meals and high glucose levels requiring insulin dose in real time



# Bolus calculators

Hedia diabetes assistant	MySugr	myLife diabetes care app
<ul style="list-style-type: none"><li>• Bolus calculator with food database</li><li>• Can programme activity into advisor</li><li>• Interoperability with devices linking with glooko or manual entry of glucose levels /insulin dose</li><li>• Glooko App</li><li>• Subscription £8-£10 per patient per month</li></ul>	<ul style="list-style-type: none"><li>• Bolus calculator app</li><li>• Interoperability with AccuChek BG meters and AccuChek SmartGuide CGMS (coming soon) and NovoPen 6/Echo plus or manual entry of glucose levels</li><li>• Can take photos of foods to record against bolus advice for retrospective review</li><li>• Requires Accu-Chek connection to access pro platform FOC</li><li>• Share data with PDF report</li></ul>	<ul style="list-style-type: none"><li>• mylife Bolus calculator app – free to use.</li><li>• Interoperability with myLife BG meter and Dexcom G6 or manually enter glucose values for advice</li><li>• myLife platform for review or share PDF report</li></ul>
		

# Pumps and HCL









**Diabetes  
Technology  
Network UK**  
Collaborate • Evolve • Support

- ALL Systems update continuously— how are you keeping up to date, your team up to date, and most importantly – the people using the systems up to date?
  - Sensor compatibility • Software updates
  - Licensed insulin • Infusion sets • Phone apps
- Are you utilising industry, online access to training/webinars/update material, in-person update groups, and clinic contacts?



# Commercial Closed Loop Systems

	Medtronic 780G	Tandem Control IQ	Cam APS	Omnipod 5
<b>Pump</b>				
<b>CGM</b>				
<b>Target</b>	5.5 (default), 6.1 or 6.7 mmol/L 8.3 temp target	Range 6.3-8.9 mmol/L daytime; 6.3-6.7 mmol/L overnight; 7.8-8.9 mmol/L activity	Personalised target: 4.4-11.0 mmol/L – default 5.8 mmol/L 2.5mmol/l higher then glucose target for ease off	6.1; 6.7; 7.2; 7.8; 8.3 mmol/L 8.3 activity target
<b>Algorithm driver/ variables</b>	Glucose target Active insulin time TDI I:C ratio	Insulin sensitivity factor I:C ratio Basal rates	Glucose target I:C ratio ISF/AIT	Glucose target TDI I:C ratio ISF/AIT
<b>Automated Insulin delivery</b>	Basal insulin adjusted every 5 minutes; auto corrections every 5 minutes as needed	Basal insulin adjusted if SG predicted to exit range; auto corrections every 60 minutes as needed (not in sleep mode)	Basal insulin set to zero: extended bolus given every 10-12 minutes	Basal insulin adjusted every 5 minutes
<b>Connectivity</b>	Minimed Mobile and Carelink Connect App Carelink	Glooko platform T Source app and platform	CAMAPS FX App Glooko	Glooko
<b>CE license (age)</b>	>7 years	>6 years	>1 years Pregnancy	>2 years

# Developments and on the horizon

## Tandem



**Diabetes  
Technology  
Network UK**

Collaborate • Evolve • Support



### •t:slim X2 Pump: Control IQ+

- Use in T2D
- TDD 5 – 200units
- age 2+
- Extended bolus up to 8 hours
- Temp basal 15minutes – 3 days

### •Mobi Pump: Age 2+

## THE FUTURE



Dual Glucose Ketone Monitor

Libre 3 Plus/Dual  
glucose ketone  
meter compatibility

### •Future Developments:

- **Mobi:tubeless** and **Sigi Pump**: Under development.
- **SteadySet Infusion Set**: 7-day wear

•Off label but studies using U200 insulin available  
guiding use in Tslim pumps

# Developments and on the horizon

## Medtronic to MiniMed



**Diabetes  
Technology  
Network UK**

Collaborate • Evolve • Support

### 780G pumps

- Instinct sensor launch due summer 2026
- CE mark for age 7+; T2D; pregnancy



### THE FUTURE

- Algorithm update to allow for optional meal boluses
- New hardware
- No 48hr warm up for SmartGuard

#### CGM Options



Simplera™  
Simplera Sync™



Abbott CGM  
made by Abbott,  
exclusively for  
Medtronic

Interchangeable, simple-to-insert,  
comfortable to wear and fully disposable

#### Insulin Delivery Options



MiniMed™  
Flex (8-series)



MiniMed™  
Fit (Patch)

#### Algorithm



SmartGuard™ Advance

Third generation fully automated algorithm  
to mimic a healthy pancreas for a hands-off  
experience

Option for one month trial with no commitment.



# Developments and on the horizon

## CamAPS FX



**Diabetes  
Technology  
Network UK**  
Collaborate • Evolve • Support



Ypsomed sold its diabetes unit to TechMed AG and they rebranded the pump system as myLife loop powered by myLife CamAPS FX.

- **Fully closed loop**

Approval granted for the world's first, commercially available, fully closed-loop algorithm designed to run without carb counting or meal boluses

Cambridge, UK, 8 January 2026 – Following approval from its notified body, CamDiab Ltd announces its latest innovation that will allow users to manage their type 1 diabetes without needing to count carbohydrates or give pre-meal insulin.

### Coming soon:

- Dual glucose ketone meter compatibility
- Dexcom G7 compatibility



# Developments and on the horizon

## Omnipod 5



**Diabetes  
Technology  
Network UK**

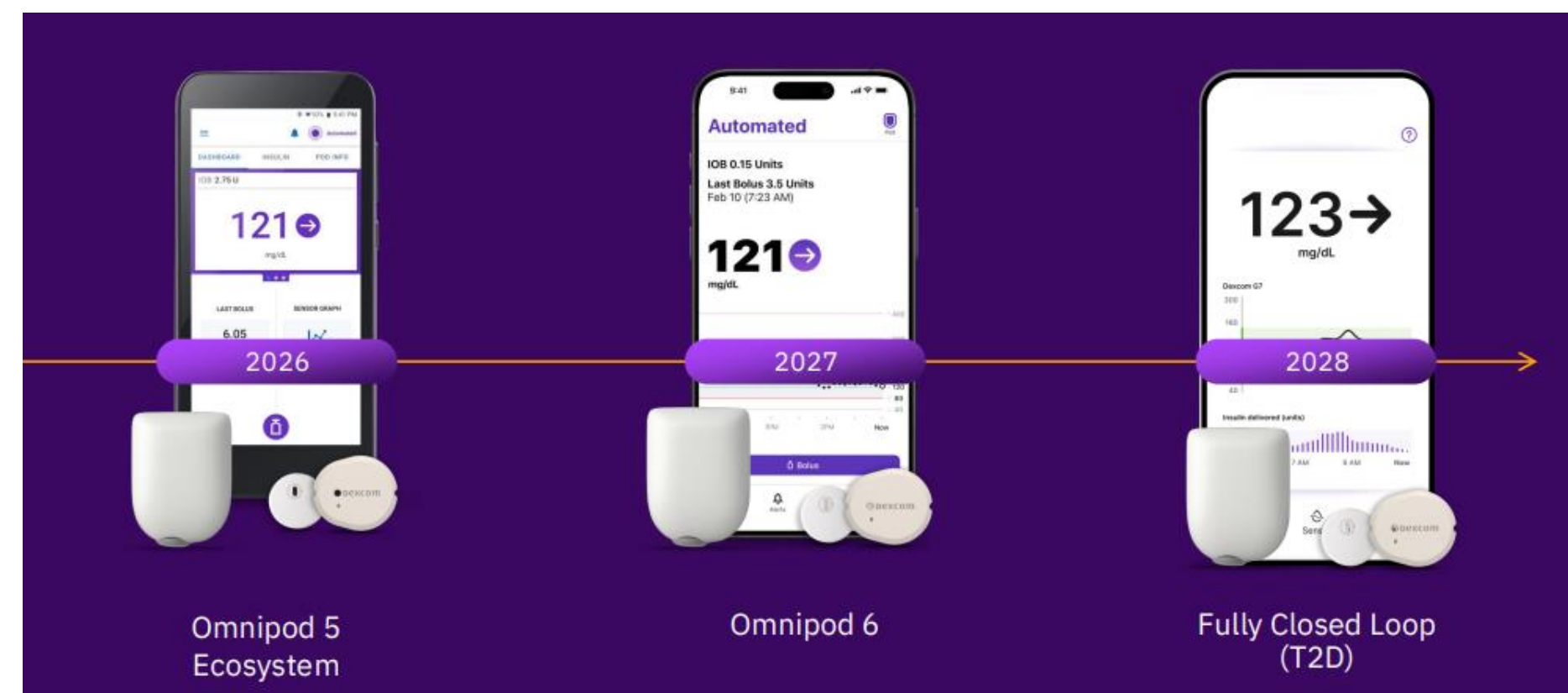
Collaborate • Evolve • Support

### Now available:

- Dexcom G7 on NHS supply chain for adults

### THE FUTURE

- Glucose target 5.5mmol/l option
- Phone app availability in UK
- U200 insulin use (off label but studies available using this insulin)



### Remember:

PODs available to order as Dexcom PODs or Libre PODs.

- Dexcom PODs compatible with G6 and G7
- Libre PODs compatible with Libre 2 plus and Dexcom G6

# Summary



**Diabetes  
Technology  
Network UK**  
Collaborate • Evolve • Support

---

T1D and technology intertwined

---

Connected pens + sensors to support pre-pump users/those remaining on MDI therapy

---

Hybrid closed loops for those unable to reach target levels

---

Always remember the person using the technology and their goals and objectives

---

All people supporting people with type 1 diabetes need to be aware of the different technologies and how they can help

---