



Diabetes Technology New Diabetes Devices 2024 Irish Institute of Pharmacy IIOP webinar

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RANP Diabetes



Working together, caring for you



Feidhmeannacht na Seirbhíse Sláinte
Health Service Executive

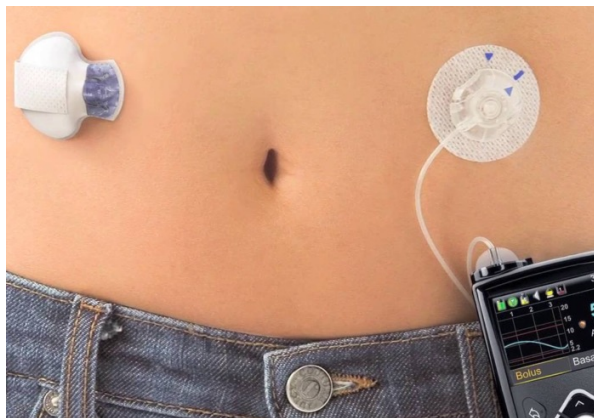
Continuous Glucose Monitoring systems



Freestyle Libre



Dexcom One +, Dexcom G7 & Dexcom G6



Guardian 4 Sensor



Gluco Rx Aidex

Continuous Glucose Monitoring systems in Ireland 2024

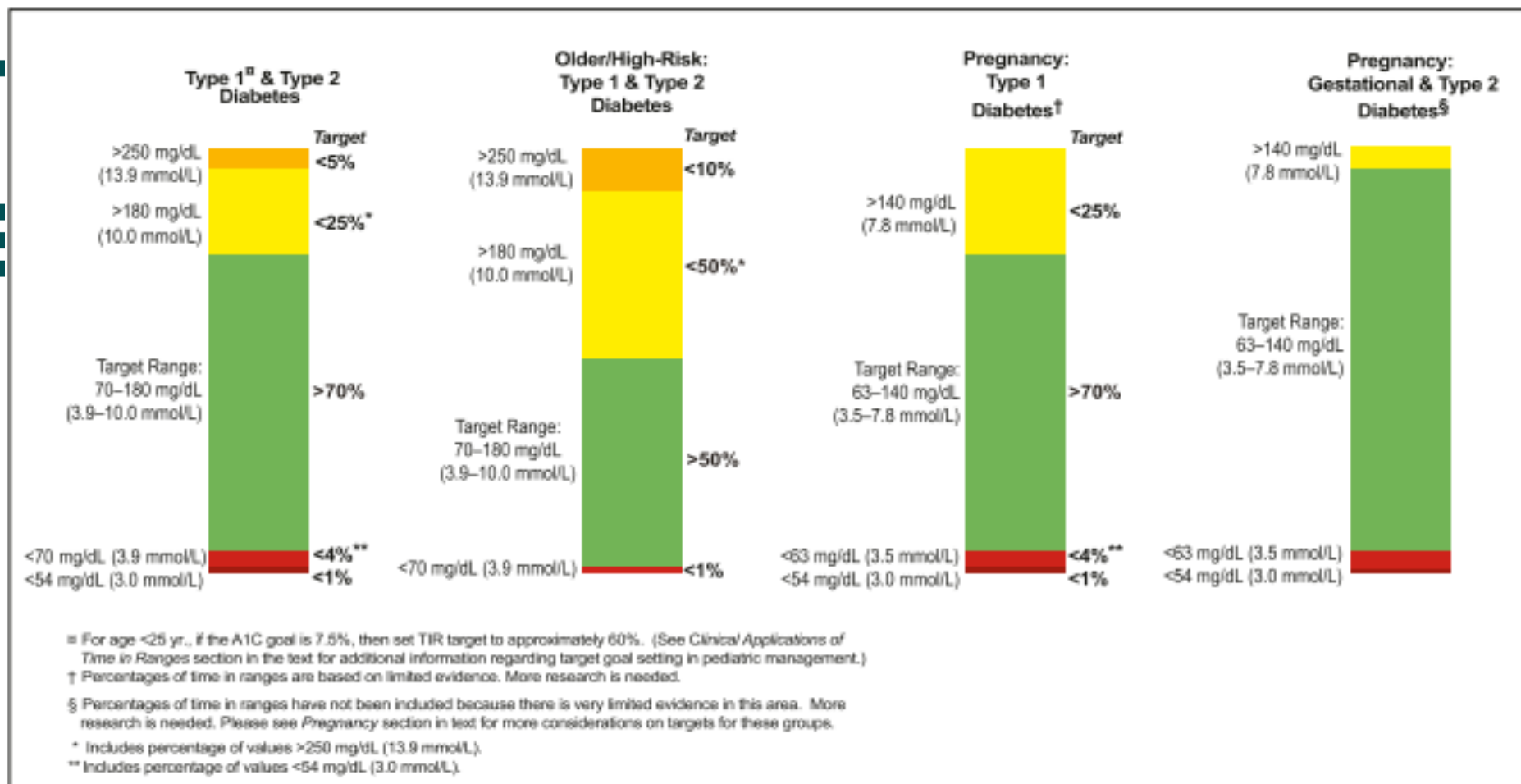
Adapted from Diabetes Specialist Nurse Forum UK



Ospidéal OL
UL Hospitals

Continuous Glucose Monitoring systems						
	Freestyle Libre 2	Dexcom One 1 +	Dexcom G6	Dexcom G7	Medtronic G4	GlucoRx AIDEX
Sensor life	14 days	10 days	10 days	10 days = 12hours grace period	7 days	14days
Sensor warm up time	60 mins	30 mins	120mins	30 mins	120mins	60mins
Separate transmitter	No	No	Yes	No	Yes	Yes
Transmitter life	N/A	N/A	3 months	N/A	12 months	4 yrs
Smartphone app	Librelink	Dexcom One +	Dexcom G6	Dexcom G7	Minimed	GlucoRx AIDEX
Reader available	Yes	Yes	Yes	Yes	No	No
Capillary Glucose calibration	No	No	No	No	No	No
High & Low alarms	Yes	Yes	Yes	Yes	Yes	Yes
Predictive alarms	No	No	Yes	Yes	Yes	No
Stand-alone use	Yes	Yes	Yes	Yes	No	Yes
Pump compatibility	No	No	Tandem Tslim , Ypsopump	Tandem Tslim ,	Medtronic 780G Yes	No
Closed loop compatibility	No	No	Yes	Yes	Yes	No
Data Share HCP	Libreview	Clarity	Clarity	Clarity	Carelink	CGM viewer
Data Share Friends family	Libre Link up	Dexcom Follow	Dexcom Follow	Dexcom Follow	Carelink Connect	GlucoRx AIDEX
Approved wearable site	Upper arm	Abdomen, Upper arm, Buttocks +	Abdomen-Upper arm 2yrs older <ul style="list-style-type: none"> • Buttock-2-7yrs old 	Abdomen -Upper arm 7yrs older, <ul style="list-style-type: none"> • Abdomen - Upper arm • Buttock-24mths-6yrs 	Abdomen , Upper arm	Abdomen , Upper arm

Time in Range TIR



Battelino, T., Danne, T., Bergenstal, R. M., Amiel, S. A., Beck, R., Biester, T., ... & Phillip, M. (2019). Clinical targets for continuous glucose monitoring data interpretation: recommendations from the international consensus on time in range. *Diabetes care*, 42(8), 1593-1603.

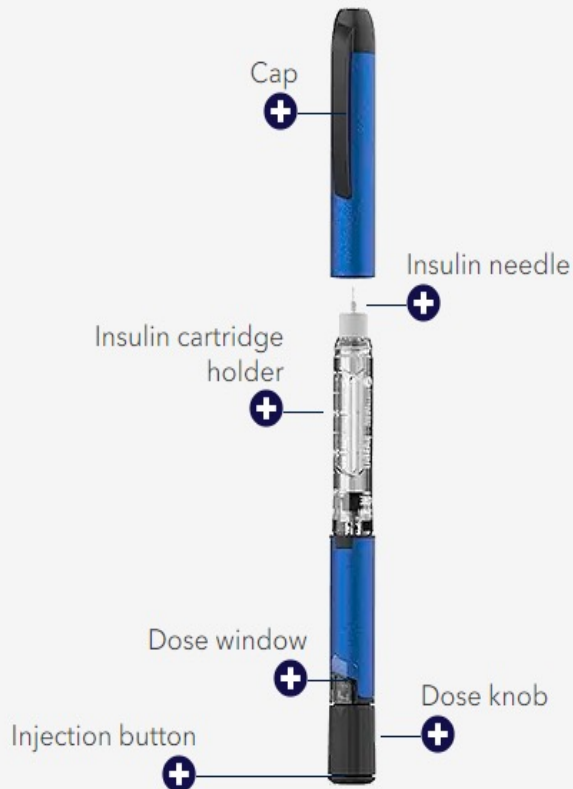
- NovoPen® 6 & NovoPen Echo® Plus are new, smart insulin pens that automatically record insulin dosing information about each injection.
- Records insulin dosing information
- NovoPen® 6 & NovoPen Echo® Plus automatically record when you inject and how many insulin units you inject.
- Shows effects on blood glucose levels
- Insulin dosing information from NovoPen® 6 & NovoPen Echo® Plus can be viewed alongside blood sugar information, so you can see how your injections affect your blood sugar levels.
- Partners with compatible diabetes apps
- With NovoPen® 6 & NovoPen Echo® Plus, you can transfer your insulin dosing information to your preferred diabetes app and easily share it with your healthcare provider.



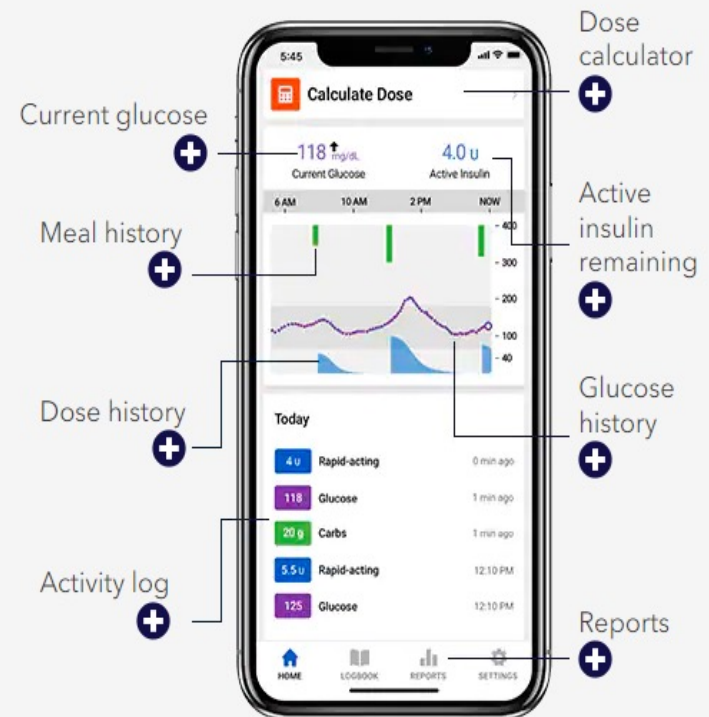
The InPen™ is a reusable smart insulin pen that uses Bluetooth® technology to send dose information to a mobile app.

Offering dose calculations and tracking

The pen



The app



Insulin Pumps CSII Insulin pump therapy

The first
Insulin
Pump

1963



2015

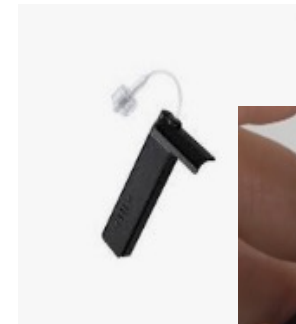
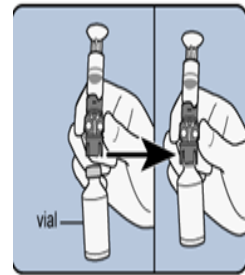


NOW



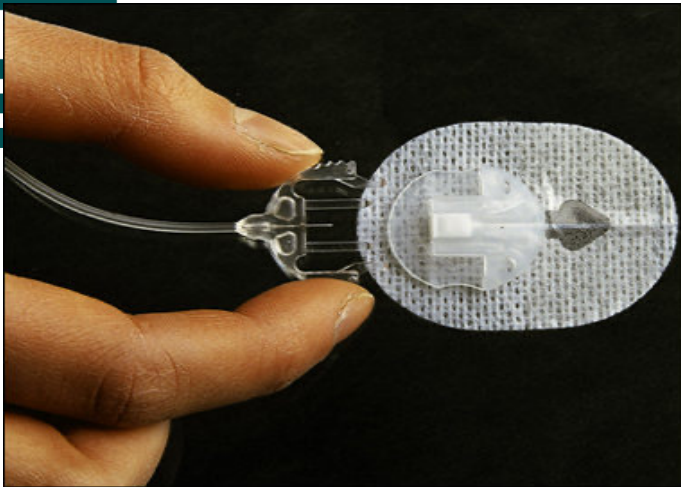
Components and Their Functions

- **Pump** -Battery operated or rechargeable
- **Reservoir** holds 2 to 3 days worth of fast/rapid insulin- will need a **vial of insulin** to fill the reservoir. **Risk if disconnected =DKA**
- **Infusion set** with a thin plastic tube and soft cannula / needle at the end for insertion just under the skin, usually on the abdomen.



Infusion Sets

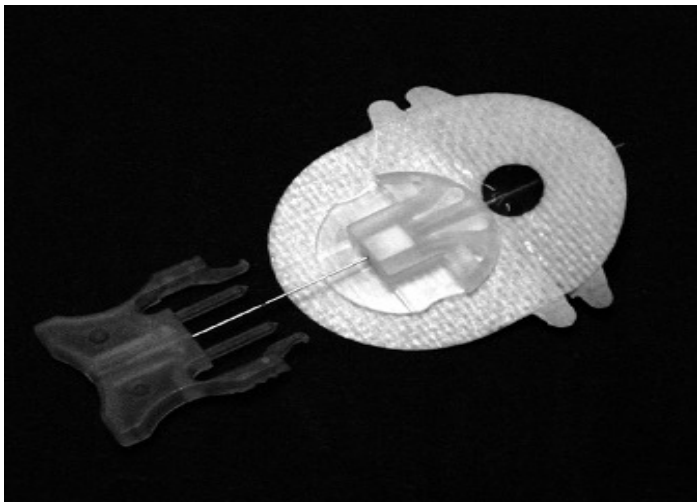
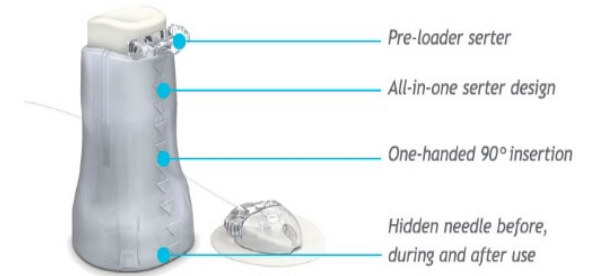
Angled Set



Straight Set



MiniMed™ Mio™ Advance infusion set



Infusion Sets

Infusion sets need to be changed every 2-3 days.

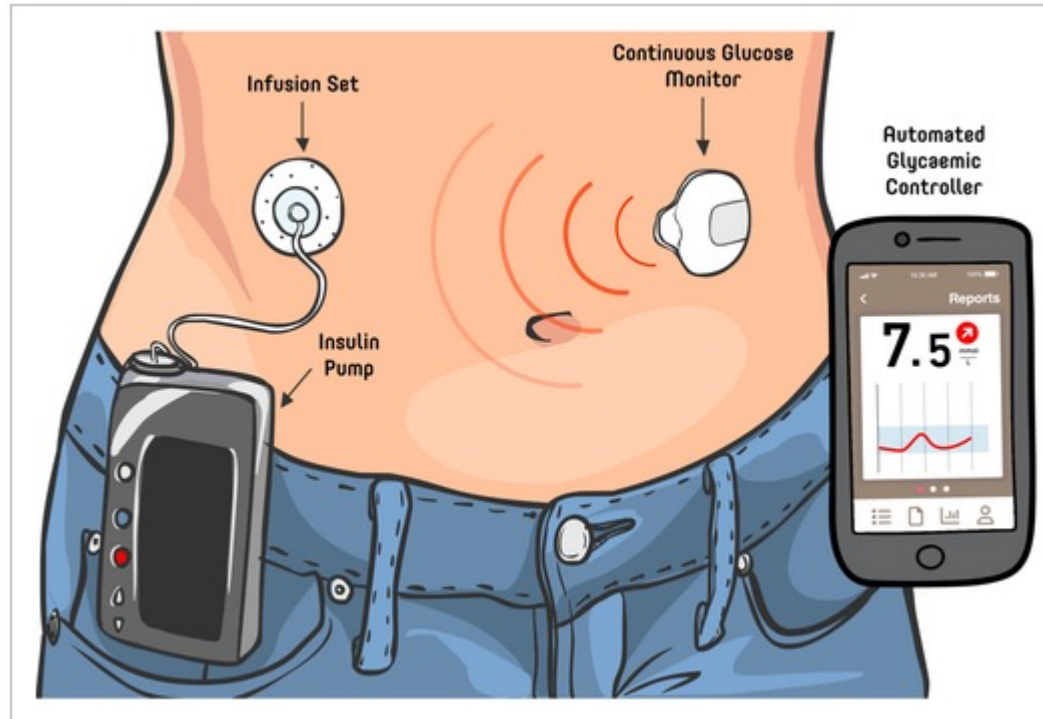
7 day set is available MiniMed™ Mio™ Advance, Extended Infusion Set requires a cannula fill of 0.6 units, maximum of seven days. 42 units of insulin per day or less and change infusion set and reservoir simultaneously.



Hybrid Closed Loop (HCL) pump

- Hybrid closed-loop (HCL) insulin therapy (sometimes referred to as an artificial pancreas) represents a form of automated insulin delivery (AID) system that consists of an insulin pump connected to a real-time continuous glucose monitor (rtCGM) .
- Real-time continuous glucose monitor **rtCGM device measures interstitial glucose levels.**
- **Algorithm**, which can increase or decrease the amount of insulin delivered based on the is housed in the insulin pump or in some cases an intermediary device such as a smart phone application.
- **Sensor glucose readings** are received by the algorithm at regular intervals and are used to adjust insulin delivery, considering **multiple factors** (current glucose levels, insulin on board and predicted glucose levels).
- **‘Hybrid’** as they still require user input for tasks such as announcing carbohydrate intake and exercise to get optimal results.

Hybrid Closed Loop (HCL) pump



Hybrid closed-loop insulin pump therapy. For some HCL systems, the automated glycaemic controller is located on a smartphone or diabetes manager. For other HCL systems, the automated glycaemic controller is located in the insulin pump itself.


Hybrid Closed Loop HCL pumps in Ireland 2024

Adapted from Diabetes Specialist Nurse Forum UK

Hybrid Closed Loop pump 2024			
	Medtronic	Tandem	Ypsomed I
HCL algorithm	SmartGuard	Control IQ	CamAPS FX mylife Loop (powered by mylife CamAPS FX)
Location of algorithm	Pump-integrated	Pump-integrated	App based (Android)
Pump	Medtronic 780g	T-slimX2	mylife YpsoPump
Pump type	Tethered (tubed)	Tethered (tubed)	Tethered (tubed)
Continuous glucose monitor (CGM)	Guardian 4 (no calibration)	Dexcom G6 G7	Dexcom G6
Control & bolus delivery operation	Pump	Pump	Android smartphone
Pump charging mechanism	AA battery	Rechargeable	AAA battery
Target glucose	5.5, 6.1 or 6.7mmol/L (default 5.5)	6.1 or 6.7mmol/L	Customisable from 4.4 to 11.1(default 5.8)
Exercise mode	8.3 mmols/L	7.8-8.9 mmol/L	No specific target. Ease off mode can be used for exercise
Sleep mode target glucose	No	6.25-6.7mmols/L	Customisable glucose target can be adjusted overnight
Bolus calculator based on	CGM value, glucose trend data and bolus calculator settings	CGM value only with bolus calculator settings	CGM value only with bolus calculator settings
Automated correction bolus settings	If predictive glucose > 6.7 mmols/L and if max basal rate is reached	If predicted glucose in 30 mins >10 mmols/L & increasing/max delivery is reached	Incorporated into continuous insulin delivery. Adjusts insulin delivery every 8-12minutes
Active insulin time	Adjustable	Not adjustable (set at 5 hrs)	Adjustable
Set up requirements	Basal rates, ICR, ISF & active insulin time	TDD, body weight, basal rates, ICR & ISF	TDD & bodyweight
Learning mechanisms	Uses TDD over past 2-6days. Requires 48 hours of manual mode to learn user profile	Uses body weight & TDD. Predicts glucose 30 mins ahead	Overall insulin needs, diurnal, post meal
Remote monitoring for parents/carers	Glucose and insulin data via CareLink Connect app	Glucose data via Dexcom follow app.	Glucose and insulin data via 'companion' in mylife CamAPS FX app
Data share with HCPs	CareLink (via app in real-time)	Glooko (download needed)	Glooko (real-time)
Minimum and maximum daily dose	8-250 units per day	10-100 units per day	5-350 units
Pump capacity	300 units	300 units	160 units
Insulin compatibility	NovoRapid & Humalog	NovoRapid & Humalog	NovoRapid, Humalog, Fiasp, Apidra
Licensed in pregnancy	No	No	Yes
Age Range	7-80 years	6 years & over	1 years & over
Demo pump app/simulator	Yes	Yes	Yes

- **TDD: Total daily dose of insulin** - Total daily insulin dose
- **Basal rate-** (Open loop only, automated in HCL) it is a low rate of continuous insulin supply needed for such purposes as controlling cellular glucose and amino acid uptake.
- **ICR :Insulin Carbohydrate ratio-** is the number of grams of carbohydrates that is covered by 1 unit of insulin.
- **Bolus:** bolus is a dose of insulin taken to handle a rise in blood glucose e.g. eating.
- **ISF :Insulin Sensitivity Factor/Correction factor-** The correction factor is used to work out how much extra insulin the person will need to administer when the Blood glucose is above target.
- **Blood Glucose Target BG Target**
- **Active Insulin Time** -Active insulin time refers to the time insulin remains working in your body
- **IOB –Insulin on Board** -insulin that is still active in your body from previous bolus doses.

- Mild hypoglycaemia – no long acting carbohydrate
- Always carry pens and blood ketone meter
- Do set changes early in the day
- Sick Day Advice – Correct with pump , Correct with pens , set change , HCL versus Open loop
- Insurance for the CSII pump , House Insurance
- CSII 4 year pump warranty
- Travel advice , extra supplies , Xray /MRI scanners , loan pump
- Allergies to adhesive
- Adhesive not lasting duration of sensor or cannula , extra adhesive
- CGM versus CBGM , time lag –blood versus interstitial fluid
- Sensor failure , contact the company
- Transmission issues – Contact the company
- Pump failure
- Contacts for companies , local Diabetes Department
- Conversion from CSII to insulin pens

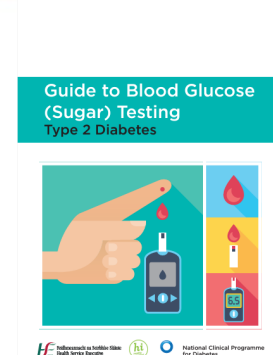
 Note: This restriction does not apply to type 1 diabetes or type 2 diabetes on insulin

How many diabetes test strips are recipients eligible to receive under this initiative?

<i>Patient group</i>	<i>Testing recommendation</i>	<i>Limit on yearly dispensing</i>
Patients receiving insulin	4 times daily and when required	No limit recommended Test according to specialist recommendations
Patients receiving non-insulin anti-diabetic drugs	Patients receiving sulphonylurea (e.g. gliclazide) or meglitinide (e.g. repaglinide) drugs : May test 1-2 times daily or if feeling hypoglycaemic.	1200 test strips per year Two boxes (100 test strips) per month will be reimbursed
	Patients on anti-diabetic drugs other than sulphonylurea or meglitinides (i.e. metformin and/or a thiazolidinedione, DPP-4 inhibitor , GLP-1 analogue, SGLT2 inhibitor)*: May test 3 times per week if needed	600 test strips per year One box (50 test strips) per month will be reimbursed
Diet alone	Not required	100 test strips per year One pack per 6 months to allow for periodic testing where recommended

* **Thiazolidinedione (e.g. pioglitazone)**
DPP-4 inhibitor (e.g. sitagliptin, saxagliptin)
GLP-1 analogue (e.g. liraglutide, exenatide)
SGLT2 inhibitor (e.g. canagliflozin, dapagliflozin)

<https://www.hse.ie/eng/services/publications/clinical-strategy-and-programmes/type-2-diabetes-test-strips-questions-and-answers-for-patients.pdf>



What insulin or anti-diabetic medications will the PCRS use to determine treatment categories for recipients?

- A distinction has been made between anti-diabetic medication which may or may not have an increased risk of causing hypoglycaemia. Extra supply is allocated for patients on sulphonylureas or meglitinides as more frequent testing may be required.

Patients managing diabetes with anti-diabetic medication with HIGHER risk of causing hypoglycaemia	Patients managing diabetes using anti-diabetic medication with LOW risk of causing hypoglycaemia
<ul style="list-style-type: none"> ➤ Sulphonylureas (e.g. gliclazide) ➤ Meglitinides (e.g. repaglinide) 	<ul style="list-style-type: none"> ➤ Metformin ➤ Acarbose ➤ Thiazolidinediones (e.g. pioglitazone) ➤ DPP-4 inhibitors (e.g. saxagliptin) ➤ GLP-1 agonists (e.g. liraglutide, exenatide) ➤ SGLT2 inhibitors (e.g. canagliflozin, dapagliflozin)

<https://www.hse.ie/eng/services/publications/clinical-strategy-and-programmes/type-2-diabetes-test-strips-questions-and-answers-for-patients.pdf>

What should I do if a recipient requires more test strips than the revised reimbursement limits?

To register specific patients for exceptional arrangements, please provide the following details online:

- GMS number, LTI number or Drugs Payment Scheme Number (where a patient is recently diagnosed or does not qualify for an LTI Book)
- The category of diabetes treatment currently prescribed for the patient which will automatically populate the recommended quantity of test strips for that category
- The reason for additional quantities (pregnancy, job safety etc.)
- The number of test strips you wish the patient to access on a monthly basis

Preferred blood glucose test strips poster 2023

<https://www.hse.ie/eng/about/who/cspd/medicines-management/glucose-monitoring/blood-glucose-test-strips/>



Preferred Blood Glucose Test Strips (BGTS) for adults with type 1 and type 2 diabetes

The MMP recommends a preferred BGTS (List A) with an associated meter for:

- ✓ People who are newly diagnosed with diabetes (type 1 and type 2) and require self monitoring of blood glucose (SMBG).
- ✓ People with diabetes (type 2) where continued SMBG is recommended on review.
- ✓ People with diabetes (type 1 and type 2) changing their current meter where SMBG is recommended.

Prescribers should give due consideration to the use of preferred BGTS when commencing SMBG and when changing a meter in established patients.

Implementation of the preferred BGTS will lead to significant savings for the HSE, in the order of millions of euros.

Preferred BGTS (List A)			Associated meters
BGTS	Reimbursement		
	Code	Price (as of 1 st February 2023)	
Finetest Lite blood glucose test strips	85131	€6.95	Finetest Lite Finetest Lite Smart
Microdot Max blood glucose test strips	97637	€7.46	Microdot Max
Accu-Chek Instant test strips	85132	€8.54	Accu-Chek Instant
Glucomen Areo Sensor test strips	85110	€8.63	Glucomen Areo Glucomen Areo 2K*
Mylife Aveo test strips	97630	€8.75	Mylife Aveo**
Mylife Unio test strips	97607	€10.50	Mylife Unio Neva**
4Sure blood glucose test strips	94170	€11.22	4Sure SMART 4Sure SMART DUO*
GlucoRx Nexus test strips	85120	€11.27	GlucoRx Nexus† GlucoRx Nexus Blue GlucoRx Nexus Mini Ultra GlucoRx Nexus Voice‡
GlucoRx HCT glucose test strips	85139	€11.27	GlucoRx HCT* GlucoRx HCT Connect*
Contour Next blood glucose test strips	15963	€14.30	Contour Next One Contour Next Contour Next Link 2.4**
One Touch Verio test strips	68321	€14.30	One Touch Verio Reflect
Freestyle Optium test strips	10051	€14.30	Freestyle Optium Neo*

<p>Practice Point As part of diabetes care, the meter in use by patients should be reviewed regularly. If a meter has not been replaced in the previous 2 years, change to a preferred BGTS (List A) with associated meter. Meters should be registered with the company at the time of initiation of use.</p>																	
<p>Lancet Recommendation The use of a universal lancing device with lancets costing ≤€6 per 200 for all patients undertaking SMBG is recommended. <i>Note: GlucoRx lancets pack of 200 (97602) include a lancing device.</i></p>																	
<p>* Compatible blood ketone test strips</p> <table border="1"> <thead> <tr> <th>Code</th> <th>Blood ketone test strip (10)</th> <th>Price</th> </tr> </thead> <tbody> <tr> <td>97605</td> <td>4Sure B-ketone strips</td> <td>€11.22</td> </tr> <tr> <td>85140</td> <td>Glucomen Areo B-ketone sensors</td> <td>€11.24</td> </tr> <tr> <td>97601</td> <td>GlucoRx HCT ketone strips</td> <td>€11.27</td> </tr> <tr> <td>85106</td> <td>Freestyle Optium B-ketone strips</td> <td>€22.83</td> </tr> </tbody> </table>			Code	Blood ketone test strip (10)	Price	97605	4Sure B-ketone strips	€11.22	85140	Glucomen Areo B-ketone sensors	€11.24	97601	GlucoRx HCT ketone strips	€11.27	85106	Freestyle Optium B-ketone strips	€22.83
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85106	Freestyle Optium B-ketone strips	€22.83															
<p>** Insulin pumps There are BGTS with associated meters available on List A that have compatibility with insulin pumps (see overleaf).</p>																	
<p>Full evaluation report is available at: www.hse.ie/yourmedicines See overleaf for further information.</p>																	






















Accu-Chek Mobile test cassette (Code: 85543, Price: €11.81) is now considered a list A product for existing users only.

All featured BGTS come in packs of 50 strips (some as 2x25 strips) * Compatible with blood ketone testing ** Compatible with insulin pumps † 'Talking' capability This list is not exhaustive and represents information submitted to the MMP by suppliers. Refer to individual suppliers for further information. Prices listed (for preferred BGTS, blood ketone test strips) are correct as of 1st February 2023. ‡ Also available: GlucoRx GO (recommended for use by healthcare professionals, therefore not included overleaf)

Preferred blood glucose test strips poster 2023

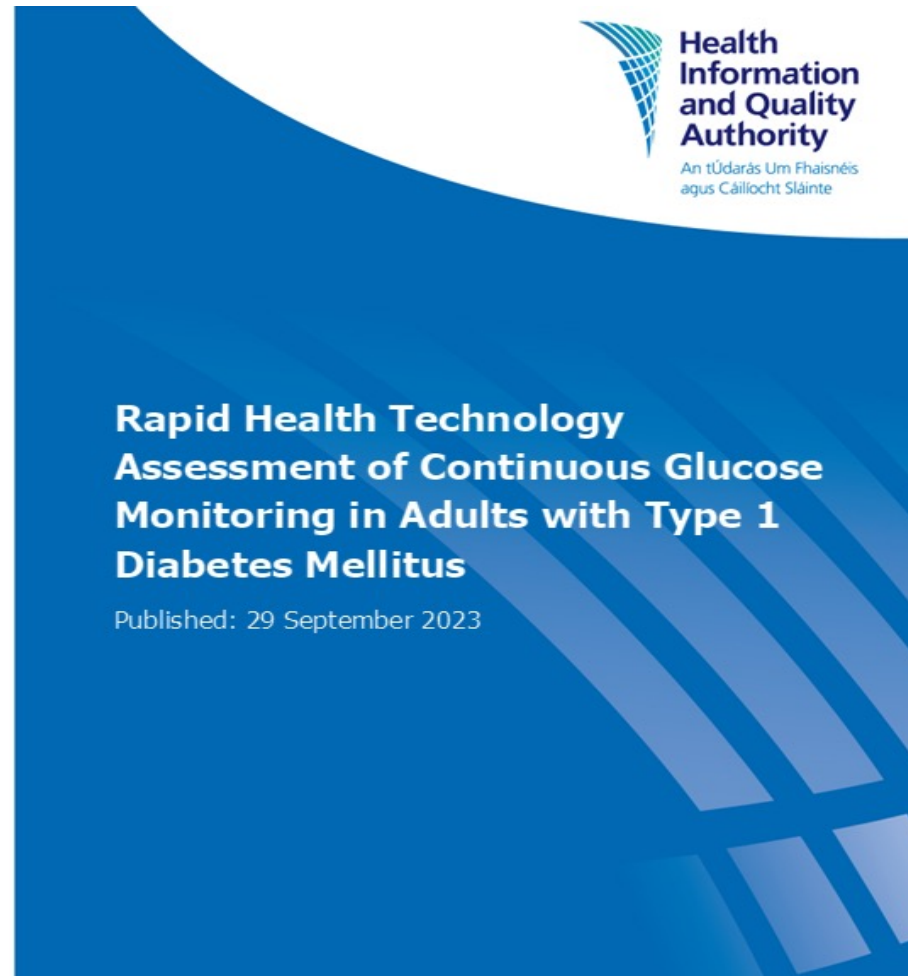
<https://www.hse.ie/eng/about/who/cspd/medicines-management/glucose-monitoring/blood-glucose-test-strips/>



Preferred BGTS (List A) with associated meters																	
Finetest Lite blood glucose test strips (85131) €6.95 Blood volume (µL): 0.5 Haematocrit (%): 20-65 Open pack expiry: 6 months (2x25 pack) Test range (mmol/L): 1.1-33.3		Microdot Max blood glucose test strips (97637) €7.46 Blood volume (µL): 0.5 Haematocrit (%): 0-70 Open pack expiry: 6 months Test range (mmol/L): 0.6-33.3		Accu-Chek Instant test strips (85132) €8.54 Blood volume (µL): 0.6 Haematocrit (%): 10-65 Open pack expiry: up to 21 months (expiry not affected by opening) Test range (mmol/L): 0.6-33.3		Glucomen Aro Sensor test strips (85110) €8.63 Blood volume (µL): 0.5 Haematocrit (%): (glucose), 20-60 (ketone) Open pack expiry: 12 months Test range (mmol/L): 1.1-33.3 (glucose), 0.1-8.0 (ketone)		MyLife Aveo test strips (97630) €8.75 Blood volume (µL): 0.5 Haematocrit (%): 15-70 Open pack expiry: 12 months (expiry not affected by opening) Test range (mmol/L): 0.6-33.3									
Neon Diagnostics Ltd. TO ORDER FREE METERS Phone: 1800 932 297 or Email: info@neondiagnosics.ie Patient supports: www.neondiagnosics.ie		Cambridge Sensors Ltd. TO ORDER FREE METERS Phone: 1800 211 896 or Email: sales@microdot.biz Patient supports: www.microdot.biz		Roche Diabetes Care Ltd. TO ORDER FREE METERS Phone: 1800 931 078 or Email: Burgesshill.daccountmanagers@roche.com Patient supports: www.accu-chek.ie		Medicon Ireland Ltd. TO ORDER FREE METERS Phone: 1800 709 903 or Email: customerservice@mediconire.com Patient supports: www.mediconire.com		Ypsomed Ltd. TO ORDER FREE METERS Phone: 1800 911 522 or Email: info@ypsomed.co.uk Patient supports: www.mylife-diabetescare.com									
Finetest Lite Meter memory: 500 App: No 		Finetest Lite Smart Meter memory: 500 App: Yes, connectivity via BT 		Microdot Max Meter memory: 500 App: Yes, connectivity via BT 		Accu-Chek Instant Meter memory: 720 App: Yes, connectivity via BT 		Glucomen Aro Meter memory: 730 App: Yes, connectivity via NFC 		Glucomen Aro 2K Meter memory: 730 App: Yes, connectivity via NFC Compatible with: Glucomen Aro B-ketone sensors (85140) €11.24 		MyLife Aveo Meter memory: 1000 App: Yes, connectivity via BT Contact supplier for a list of compatible insulin pumps 					
MyLife Unio test strips (97607) €10.50 Blood volume (µL): 0.7 Haematocrit (%): 20-70 Open pack expiry: 12 months Test range (mmol/L): 0.6-33.3		4Sure blood glucose test strips (94170) €11.22 Blood volume (µL): 0.5 Haematocrit (%): 0-70 (glucose), 10-70 (ketone) Open pack expiry: up to 24 months (expiry not affected by opening) Test range (mmol/L): 0.5-33.3 (glucose), 0.1-8.0 (ketone)		GlucoRx HCT glucose test strips (85139) €11.27 Blood volume (µL): 1.0 Haematocrit (%): 0-70 (glucose), 10-70 (ketone) Open pack expiry: up to 24 months (expiry not affected by opening) Test range (mmol/L): 0.5-38.9 (glucose), 0.1-8.0 (ketone)		GlucoRx Nexus test strips (85120) €11.27 Blood volume (µL): 0.5 Haematocrit (%): 30-60 Open pack expiry: up to 24 months (expiry not affected by opening) Test range (mmol/L): 1.1-33.3											
Ypsomed Ltd. TO ORDER FREE METERS Phone: 1800 911 522 or Email: info@ypsomed.co.uk Patient supports: www.mylife-diabetescare.com		Clonmel Healthcare TO ORDER FREE METERS Phone: 1800 26 26 26 or Email: salesorders@clonmel-health.ie Patient supports: www.nipro-group.com/en-en/products		Windzor Pharma Ltd. TO ORDER FREE METERS Phone: 01 6950401 or Email: info@windzorpharma.com Patient supports: www.glucoRx.ie		Windzor Pharma Ltd. TO ORDER FREE METERS Phone: 01 6950401 or Email: info@windzorpharma.com Patient supports: www.glucoRx.ie											
MyLife Unio Neva Meter memory: 1000 App: Yes, connectivity via BT Contact supplier for a list of compatible insulin pumps 		4Sure SMART Meter memory: 1000 App: Yes, connectivity via BT 		4Sure SMART DUO Meter memory: 1000 App: Yes, connectivity via BT Compatible with: 4Sure B-ketone strips (97605) €11.22 		GlucoRx HCT Meter memory: 1000 App: No 		GlucoRx HCT Connect/ Memory: Unlimited (with App) App: Yes Note: consult supplier for compatible devices 		GlucoRx Nexus Meter memory: 1000 App: No 		GlucoRx Nexus Blue Meter memory: 1000 App: Yes, connectivity via BT 		GlucoRx Nexus Mini Ultra Meter memory: 1000 App: Yes, connectivity via dongle 		GlucoRx Nexus Voice Meter memory: 450 App: No 	
Accu-Chek Mobile test cassette (Code: 85543, €11.81)		Contour Next blood glucose test strips (15963) €14.30 Blood volume (µL): 0.6 Haematocrit (%): 0-70 Open pack expiry: up to 24 months (expiry not affected by opening) Test range (mmol/L): 0.6-33.3				One Touch Verio test strips (68321) €14.30 Blood volume (µL): 0.4 Haematocrit (%): 20-60 Open pack expiry: 6 months Test range (mmol/L): 1.1-33.3		Freestyle Optium test strips (10051) €14.30 Blood volume (µL): 0.6 Haematocrit (%): 30-60 (glucose and ketone) Open pack expiry: use immediately (individual foil packet) Test range (mmol/L): 1.1-27.8 (glucose), 0.0-8.0 (ketone)									
Now considered a list A product for existing users only. Blood volume (µL): 0.3 (approximately) Haematocrit (%): 25-55 Open pack expiry: 3 months (after opening) Test range (mmol/L): 0.6-33.3		Ascensia Diabetes Care Ireland Ltd. TO ORDER FREE METERS Phone: 1800 920 111 or Email: diabetessupport@ascensia.com Patient supports: www.diabetes.ascensia.ie				Lifescan Ireland Ltd. TO ORDER FREE METERS Phone: 1800 535 676 Patient supports: www.myonetouch.ie		Abbott Laboratories Ltd. TO ORDER FREE METERS Phone: 1800 77 66 33 or Email: adchelpuk@abbott.com Patient supports: www.freestylediabetes.ie									
Blue: Compatible with ketone testing Pink: 'Talking' capability Orange: Compatible with insulin Pumps Wireless connectivity: BT: Bluetooth®; NFC: Near field communication		Contour Next One Meter memory: 800 App: Yes, connectivity via BT 		Contour Next Meter memory: 800 App: Yes, connectivity via BT 		Contour Next Link 2.4 Meter memory: 1000 App: No Contact supplier for a list of compatible insulin pumps 		One Touch Verio Reflect Meter memory: 750 App: Yes, connectivity via BT 		Freestyle Optium Neo Meter memory: 1000 App: No Compatible with: Freestyle Optium B-ketone strips (85106) €22.83 							

This list is a guide only and is not exhaustive. It is based on information submitted to the MMP by suppliers, including individual product information. Healthcare professional clinical judgement should be used when choosing a suitable meter for individuals. Images are for illustrative purposes only. Refer to individual suppliers for further information. Prices listed (for preferred BGTS, blood ketone test strips) are correct as of 1st February 2023.

Rapid health technology assessment (HTA) on the use of continuous glucose monitoring (CGM) systems in adults with type 1 diabetes. September 2023



<https://www.hiqa.ie/reports-and-publications/health-technology-assessment/rapid-health-technology-assessment-continuous>

Continuous Glucose Monitoring (CGM) Reimbursement Application System Dec 2023

- Reimbursement application system is confined to those **hospital clinicians** responsible for the initiation of CGM systems for individuals with **Type 1 Diabetes Mellitus**.
- Reimbursement support of these products has not been extended to any other patient cohort.
- All applications will be reviewed by the HSE Medicines Management Programme.
- Patients treated with insulin who have recently accessed a CGM sensor under Community Drug Schemes will continue to have reimbursement support.

GMS Code	CGM Sensor Name	Pack Size	Maximum Annual Reimbursed Quantity	Wear Time per Sensor
97628	Dexcom G6	1	39 packs	10 days
97629	Dexcom G6	3	13 packs	10 days
97631	Dexcom G7	1	39 packs	10 days*
86900	FreeStyle Libre 1	1	26 packs	14 days
85581	FreeStyle Libre 2	1	26 packs	14 days
85241	GlucRx Aidex	1	26 packs	14 days
99962	Medtronic Guardian 4 BNUIG4SCGM10	10	6 packs	7 days
99963	Medtronic Guardian 4 BNUIG4SMDI10	10	6 packs	7 days
94169	Medtronic Guardian 3 BNGLGSENS310	10	6 packs	7 days
83204	Medtronic Glucose Enlite BNENSENS	10	7 packs	6 days

In the event that a replacement sensor is required outside the normal wear periods, patients should be advised to contact the individual company to organise a replacement in line with their sensor replacement policies.