



Guidelines for Home Blood Glucose Monitoring (Primary, Community, Acute and Mental Health Care)



First-line Blood Glucose Meters (Group 1 & 2) for HDUHB

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Second-line Blood Glucose Meters (Group 3 & 4) for HDUHB

These guidelines and Blood Glucose Meter Formulary have been developed by a multi-disciplinary group including Primary, Secondary & Community Care Specialist Diabetic Nurses, POCT coordinator and Pharmacists based in HDUHB, whose valuable input is acknowledged.

Particular thanks are due to Linda Atherton-Rees (Specialist Diabetic Nurse) who produced the first version of the guidelines and Shima Wiltshire (Prescribing Advisor) who coordinated the review process for version 2.

Information on new or updated meters should be forwarded to Sue Beach, Lead Clinical Development Pharmacist who will lead the review process in 2017.

Home Blood Glucose Monitoring in Adults

1. To ensure the benefit of self-monitoring of blood glucose, it should only be offered as an integral part of self-management education, discussing its purpose and agreeing how it should be interpreted and acted upon.
2. Self monitoring of blood glucose in type 2 diabetes should be available to patients on insulin and oral glucose lowering medications to: provide information on hypoglycaemia, assess changes in glucose control resulting from medications and lifestyle changes, monitor changes during inter-current illness and ensure safety during activities, including driving.
3. There should be no blanket ban on Home Blood Glucose Monitoring (HBGM). Some people will need to test more frequently than others; however, some people are currently testing more than they need to. The recommendations on frequency and timing of tests are intended for **medically stable** patients. Patients are not regarded as stable, and will need to test more frequently in the following situations:
 - In times of acute illness
 - When attending outpatient procedures e.g. dialysis, chemotherapy
 - If symptomatic
 - Following medication changes e.g. steroid started, dose changes, insulin started
 - If pregnant or planning a family
 - If breastfeeding
 - If specifically advised to do so by medical staff
 - Before and after exercise
 - Before and during a car journey if driving over 2 hours
 - If patient has suspected or confirmed unawareness of hypoglycaemia, or regular and/or disabling hypoglycaemia
 - If patient is living alone and may be at increased risk of falls.
4. Patients who self-monitor their blood glucose should be assessed at least annually, with continuing education in a structured way to ensure: self-monitoring skills, the quality and appropriate frequency of testing, acting on results, interpreting signs and symptoms, the impact on quality of life, continued benefit of testing, the equipment used (coding, quality assurance, cost effectiveness) and HbA1c.
5. Meter choice should be based on individual patient needs and ongoing cost of HBGM. Changing existing meters may cause confusion to some patients; where appropriate patients existing supply of strips should be utilised before changing meter. The tables on page 5 give advice regarding which group from 1 to 4, the Blood Glucose meter should be chosen from, depending on the patient's therapy. There will be exceptions depending on patients' individual needs, but the advice on page 5 provides a useful starting point.

6. Patients should be encouraged not to buy their own meters as they will be provided free of charge by the Diabetes Clinic or practice nurses; this will allow appropriate training on use and will ensure that the Hywel Dda approved meters are used.
7. DVLA guidelines for all patients on insulin recommend testing before driving and at 2-hour intervals during long journeys. In many cases this will increase the number of test strips needed. Group 2 drivers also have more frequent testing requirements. Sulphonylurea/nateglinide/repaglinide patients are advised to monitor blood glucose regularly at times relevant to driving. (<http://www.dft.gov.uk/dvla/medical/ataglance.aspx>). It is advisable that in order to meet DVLA guidelines, any meter used for these patients should have a memory capacity of at least 500 tests.
8. Patients are advised to Quality Check the accuracy of the Blood Glucose Meter either once weekly or at the end of each pot of test strips as advised by their Specialist Diabetic Nurse. Quality control solutions are obtained free-of-charge from the company after the patient has registered the meter.
9. All meters recommended in these guidelines are compliant to the ISO standard for blood glucose monitoring systems, ISO 15197: 2013.

The importance of 3-6 monthly Hb1Ac levels as an excellent indicator of long-term control should be emphasised, to provide clinicians with information on the management of the condition.

Blood glucose test strips, ketone (blood or urine) test strips and lancets should not be issued on a repeat prescription without annual review.

RECOMMENDED HOME BLOOD GLUCOSE MONITORING FREQUENCY IN MEDICALLY STABLE ADULT TYPE 1 & Type 2 DIABETES PATIENTS.

Diabetes managed with diet & exercise

Routine monitoring not usually required. Meter not usually required. If clinically appropriate, HBGM once or twice weekly, at varied times, pre or post-prandial. Choose from **Group 1**.

Diabetes managed with metformin and/or a glitazone

Routine monitoring not usually required. However, if monitoring is required in certain circumstances, HBGM once or twice weekly, at varied times, pre or post-prandial. Choose from **Group 1**.

Diabetes managed with sulphonylureas or nateglinide or repaglinide

HBGM up to 3 times a week at varied times, including pre and 2 hours post prandial, and fasting. Choose from **Group 1 or 2**.

Insulin Pump Therapy (CSII)-

Monitor up to 4-6 times a day at varying times. **Group 4**.

Diabetes managed with once daily insulin with/without combined oral agent e.g. metformin

Once daily HBGM, initially fasting during basal dose titration, then varied times – pre meal/2 hours post-prandial to identify trends. Choose from **Group 1 or 2**.

RECOMMENDED FIRST LINE METERS for Primary and secondary Care

Groups 1 & 2 – First-line meters for infrequent & frequent testing: Accu-Chek® Performa Nano, OneTouch Select® Plus, Contour® TS, GlucoMen® areo, WaveSense JAZZ™ and mylife Pura X.

Group 3 – Meters for specific patient groups:

Carbohydrate counters – Accu-Chek® Aviva Expert, FreeStyle InsuLinx®

Ketone testing – GlucoMen® LX PLUS, FreeStyle Optium Neo®

Sight impairment - SuperCheck2®, CareSens N® Voice
Other requirements - Accu-Chek® Mobile, Accu-Chek® Active, Contour® XT, Contour® Next USB.

Group 4 – Meters compatible with insulin pumps:

Contour® Next Link and Next Link 2.4, Accu-Chek® Aviva Expert.

GLP1 analogues and gliptins

Testing should be based on the other therapies which are being prescribed, e.g. if on sulphonylurea then sulphonylurea advice applies, if on metformin then metformin advice applies.

Diabetes managed with Basal/Bolus insulin regime combined with NovoRapid or glulisine or Actrapid® (+/- oral agents).

3-4 times daily HBGM at varying times to include a fasting and pre or 2 hours post prandial. Choose from **Group 1, 2 or 3** where clinically appropriate.

Diabetes managed with twice daily insulin mixtures with or without oral agents

Once/Twice daily HBGM varying the time between fasting, pre-meals and 2 hours post prandial to identify trends. Choose from **Group 1, 2 or 3** where clinically appropriate.




Gestational Diabetes: Diet & Exercise

3-4 times daily HBGM, varying times to ensure target levels are maintained.



Type 1 and Type 2 patients on insulin therapy and/or other treatment aiming for target range: 4-6 times daily, pre and 1 hours post prandial, including a fasting result ensuring target levels are maintained. Target levels at least 3 months prior to conception to be maintained.

Contact specialist care for advice on which meter to supply.



Group 1 – First-line meters for infrequent & frequent testing

	<p><u>Accu-Chek® Performa Nano</u></p> <ul style="list-style-type: none"> • No set-up or coding required • Sample size 0.6µl, 5s countdown to result • Large, automatic backlit display • Under-fill detection • Haematocrit range 10-65% • Ability to flag pre and post-prandial results • Hypo indicator • Memory capacity – 500 tests with time & date • PC download and software available 	<p>Accu-Chek® Performa test strips £9.95 per pot of 50 Strip expiry is 18 months from manufacture and is printed on pot</p> <p>Accu-Chek® FastClix Finger pricker, compatible with Accu-Chek® FastClix Lancet Drum 0.3mm/30G £9.83 per pack of 204</p>	<p>First-line meter with cost-effective strips that is suitable for frequent and infrequent testers</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>May be used with neonatal blood</p> <p>Suitable for use in gestational diabetes</p>
	<p><u>OneTouch Select® Plus</u></p> <ul style="list-style-type: none"> • Initial set-up required but no coding required • Sample size 1µl, 5s countdown to result • Unique OneTouch® 3-Colour Range Indicator for high, low and in-range results • Under-fill detection • Haematocrit range 30-55% • Ability to flag pre and post-prandial results • Memory capacity – 500 tests • Results can be downloaded to PC 	<p>OneTouch Select® Plus test strips £9.99 per pot of 50 Strip expiry is 18 months from manufacture and is printed on pot</p> <p>OneTouch® Delica® lancing device, compatible with OneTouch® Delica® lancets 0.32mm/30G £7.63 per pack of 200</p>	<p>First-line meter with cost-effective strips that is suitable for frequent and infrequent testers</p> <p>Unique OneTouch® 3-Colour Range Indicator for high, low and in-range results which can set for the individual patient</p> <p>Meter, lancing device and pot of strips clip on to a plastic case which enables you to hold it easily in palm of hand</p>
	<p><u>Contour® TS</u></p> <ul style="list-style-type: none"> • No set-up or coding required • Sample size 0.6µl, 5s countdown to result • Under-fill detection • Haematocrit range 0-70% • Memory capacity – 250 tests • PC download available with Glucofacts Deluxe software 	<p>Contour® TS test strips £9.50 per pot of 50 Strip expiry is 24 months from production and is printed on strip vial</p> <p>MICROLET® 2 lancing device, compatible with Microlet lancets 0.5mm/28G 100's - £3.90, 200's - £7.44</p>	<p>First-line meter with cost-effective strips, suitable for uncomplicated Type 2 diabetics with basic testing needs at low risk of hypoglycaemia</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p>



Group 2 – First-line meters for frequent testing (less cost-effective for infrequent testing)

	<p>GlucoMen® areo</p> <ul style="list-style-type: none"> No set-up or coding required Sample size 0.5µl, 5s countdown to result Large, glow in the dark display, ideal for visually impaired patients Under-fill detection Haematocrit range 10-70% Ability to flag pre and post-prandial results Memory capacity – 730 tests PC download available, software downloadable Wirelessly compatible with smartphones and tablets 	<p>GlucoMen® areo Sensor strips £9.95 per pot of 50 Expiry of test strips is 6 months from opening</p> <p>Glucoject® Dual PLUS Finger Pricker, compatible with Glucoject Lancets PLUS 0.2mm/33G 100's - £3.73, 200's - £5.50</p>	<p>First-line meter with cost effective strips that is suitable for Type 1 and Type 2 diabetic users who are frequent testers</p> <p>QuickLink™ contactless download facility available with smartphones and tablets</p> <p>Electronic logbook results may be emailed directly to healthcare professionals, ideal for when extra advice and support is needed between clinics</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>Suitable for use in gestational diabetes</p>
	<p>WaveSense JAZZ™</p> <ul style="list-style-type: none"> No set-up or coding required Sample size 0.5µl, 5s countdown to result Large display with backlight Under-fill detection Haematocrit range 20-60% Ability to flag pre and post-prandial results Ketone warning if glucose is high Memory capacity – 1,865 tests Download facility – Zero-Click™ for PC, AgaMatrix Diabetes Manager App (iOS), Diasend® compatible 	<p>WaveSense JAZZ™ test strips £9.87 for one pot of 50 WaveSense JAZZ™ Duo test strips £9.95 for two pots of 25</p> <p>Expiry of test strips is 6 months from opening (gives 12 month expiry for Duo strips)</p> <p>AgaMatrix lancing device, compatible with AgaMatrix Ultra-Thin lancets 0.35mm/28G £5.43 per pack of 200 0.20mm/33G £7.17 per pack of 200</p>	<p>First-line meter with cost effective strips that is suitable for everyday use</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>Suitable for use in gestational diabetes</p> <p>If patients are infrequent testers and already have WaveSense JAZZ™, ensure that DUO test strips are prescribed (more cost effective)</p> <p>Suitable for professional drivers (DVLA requirements) due to large memory and download function</p>



Group 2 – First-line meters for frequent testing (less cost-effective for infrequent testing)

 	<p>mylife Pura X</p> <ul style="list-style-type: none"> • No set-up or coding required • Sample size 1µl, 5s countdown to result • Illuminated display with large numbers • Under-fill detection • Haematocrit range 30-60% • Memory capacity – 500 tests with time & date • PC software – data can be read with Diabass, mylife SiDiary, SiDiary and DiaSend (special cable required) 	<p>mylife Pura test strips £9.50 per pot of 50 Expiry of test strips is 6 months from opening</p> <p>Softlance X lancing device, compatible with mylife lancets and mylife multicolour 0.3mm/30G £5.50 per pack of 200</p>	<p>First-line meter with cost effective strips that is suitable for everyday use</p> <p>Large strips which are suitable for patients with dexterity issues</p> <p>New range of colourful silicone covers and stickers available for personalisation</p>
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Group 3 – Meters for specific patient groups: Carbohydrate counters

	<p>Accu-Chek® Aviva Expert Bolus Advisor System</p> <ul style="list-style-type: none"> Set-up wizard is activated first time Aviva Expert is switched on, to assist in setting specific functions 'Smart meter' – calculates suggested insulin doses in terms of insulin to carbohydrate ratio Takes into account exercise and health and easily guides you through with weekly messages No coding required Sample size 0.6µl, 5s countdown to result Full colour and automatic display light, backlight for night use Under-fill detection Haematocrit range 10-65% Ability to flag pre and post-prandial results Ketone warning if glucose is high Memory capacity – 1000 tests PC download and software available Can be used as prelude to pump 	<p>Accu-Chek® Aviva test strips £15.79 per pot of 50 Strip expiry is 18 months from production and is printed on pot</p> <p>Accu-Chek® FastClix Finger pricker, compatible with Accu-Chek® FastClix lancet drum 0.3mm/30G £9.83 per pack of 204</p>	<p>'Smart meter' that is frequently used in secondary care due to its carbohydrate counting facility and Bluetooth connectivity with the Accu-Chek® Combo insulin pump</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>May be used with neonatal blood</p> <p>Suitable for use in gestational diabetes</p>
	<p>FreeStyle InsuLinx®</p> <ul style="list-style-type: none"> One time set-up required for mealtime insulin calculator, no coding required Meter is designed to translate blood glucose and individual patient data into accurately calculated insulin dosing suggestions. Mealtime insulin calculator is based on established insulin pump technology Sample size 0.3µl, 3s countdown to result Easy touch screen display with backlight If insufficient blood is applied, the test is not started and patient has 60s to re-apply blood to same strip Haematocrit range 15-65% Ability to flag pre and post-prandial results Ketone warning if glucose is above 13.3 mmol/L Memory capacity – up to 1000 events including blood tests, carbohydrate intake and insulin logs PC download available for PC or Mac, supported by FreeStyle Auto-Assist Software. Also compatible with Diasend 	<p>FreeStyle Lite® test strips £15.80 per pot of 50 Strip expiry is 24 months from manufacture and is printed on pot</p> <p>FreeStyle InsuLinx Lancing device, compatible with FreeStyle lancets 0.5mm/28G £7.36 for box of 200 Abbott Thin lancets 0.36mm/28G £7.59 per box of 200</p>	<p>'Smart meter' with personalised mealtime insulin dose calculator</p> <p>The meter can offer a maximum suggested dose of 50 units of insulin (particularly useful for complex Type 2 patients on high doses of insulin).</p> <p>Meter has 3 modes of function, and may be used as a more basic meter without the carbohydrate counting facility when required</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis Suitable for use in gestational diabetes</p>



Group 3 – Meters for specific patient groups: Ketone testing meters

	<p>GlucoMen® LX PLUS</p> <ul style="list-style-type: none"> No set-up or coding required Incorporates 2 in 1 blood glucose and ketone testing facility Sample size for glucose is 0.3µl with 4s countdown to result, sample size for ketones is 0.8µl with 10s countdown to result Bold display window Easy handling – rubber sides discourage slipping Wide haematocrit range – 25-60% Ability to flag pre and post-prandial results Alerts to test for ketones Memory capacity – 400 tests PC download available, software downloadable 	<p>GlucoMen® LX Sensor strips £15.59 per pot of 50 Expiry of test strips is 9 months from opening</p> <p>GlucoMen® LX Ketone test strips £20.84 per pack of 10 Expiry of test strips is 3 months from opening</p> <p>Glucoject® Dual PLUS Finger Pricker, compatible with Glucoject Lancets PLUS 0.2mm/33G 100's - £3.73, 200's - £5.50</p>	<p>Suitable for Type 1 insulin-dependant patients with intensive testing requirements</p> <p>Ketone testing alerts and facility to test ketone levels</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis and suitable for use in gestational diabetes</p> <p>Robust, easy to handle coloured skins for personalisation</p>
	<p>FreeStyle Optium Neo®</p> <ul style="list-style-type: none"> Set-up of meter is simple, requiring only a confirmation of pre-set time and date. No coding required Sample size for glucose is 0.6µl with 5s countdown to result, sample size for ketones is 1.5µl with 10s countdown to result E Ink screen that provides sharp results even in bright sunlight; meter may also be adjusted to accommodate daylight saving time If insufficient blood is applied, the test is not started and patient has 5s to re-apply blood to same strip Haematocrit range for glucose and ketone test strips is 30-60% Ability to flag individual low and high glucose results, and patterns of low and high results Alert to test for ketones when glucose result is over 13.3 mmols/L Memory capacity – up to 1000 events including blood glucose, β-ketone, insulin doses and other events PC download available for PC or Mac, supported by FreeStyle Auto-Assist Neo Software. Also compatible with Diasend 	<p>FreeStyle Optium® glucose test strips £15.71 per pack of 50</p> <p>FreeStyle Optium® β-ketone test strips £21.14 per pack of 10 strips</p> <p>FreeStyle Optium® glucose and β-ketone test strips are all individually wrapped in foil with 24 months expiry from date of manufacture</p> <p>FreeStyle Lancing device, compatible with: FreeStyle lancets 0.5mm/28G £7.36 per box of 200 Abbott Thin lancets 0.36mm/28G £7.59 per box of 200</p>	<p>Suitable for Type 1 and Type 2 insulin dependant patients</p> <p>Blood glucose trend indicators and for high and low results</p> <p>Ketone testing alerts and facility to test ketone levels</p> <p>Insulin dosing guide</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>Suitable for use in gestational diabetes (haematocrit range 30-60%)</p>



Group 3 – Meters for specific patient groups: Sight impairment

	<p>SuperCheck2®</p> <ul style="list-style-type: none"> • Clear English talking meter, aimed at the visually impaired • Audio voice may be switched off if desired • Set-up required – audio voice guides patient through set-up, but meter is usually set-up ready for first use by Apollo Medical • No coding required • Sample size 0.5µl, 6s countdown to result • Palm size, easy to read large screen with backlight option • Under-fill detection • Haematocrit range 32-56% • Alarm reminders – patient can set automatic reminders to test before or after meals • Memory capacity – 500 tests • USB data download and PC software available to record test trends 	<p>SuperCheck2® test strips £8.49 per pot of 50</p> <p>Strips are provided in two pots of 25 and each pot has an open pot expiry of 3 months</p> <p>SuperCheck Lancing device, compatible with Apollo twist lancets 0.36mm/28G £4.50 per pack of 200</p>	<p>English-talking meter, aimed at the visually impaired, children and the elderly</p> <p>Most suitable for frequent testers due to open pot expiry of test strips</p> <p>Easy to read large screen and raised ends on test strips to direct usage</p> <p>To place orders, ring company telephone number: 01636 831201</p> <p>Website details: www.apollomedicaltechnologies.co.uk</p>
	<p>CareSens N® Voice</p> <ul style="list-style-type: none"> • Clear English talking meter with large screen, aimed at the visually impaired • Audio voice may be switched off if desired • Initial set-up required – there is no audio guided set-up • No coding required • Sample size 0.5µl, 5s countdown to result • Under-fill detection • Haematocrit range 15-65% • Ability to flag pre and post-prandial results • Hypo indicator • Memory capacity – 500 tests • PC download available, supported by SmartLog data management software. Also compatible with Diasend 	<p>CareSens N® test strips £12.75 per pot of 50 Strip expiry is 24 months from manufacture and is printed on pot</p> <p>CareLanc™ device, compatible with CareSens lancets 0.31mm/30G £2.95 per pack of 100 0.36mm/28G £2.95 per pack of 100</p>	<p>English-talking meter, suitable for Type 1 and Type 2 diabetics with visual impairment</p> <p>Suitable for insulin dependant or less frequent testers</p> <p>Beneficial for patients who have a need for night time testing, patients with number 'blindness' and children who possibly can't read numbers</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>Suitable for use in gestational diabetes</p> <p>Company number to order: 0800 881 5423</p>



Group 3 – Meters for specific patient groups: other requirements

	<p>Accu-Chek® Mobile</p> <ul style="list-style-type: none"> No set-up or coding required Sample size 0.3µl, 5s countdown to result Large bright green display Under-fill detection – on detections, the meter gives the following error message: 'the drop applied is too small. Retest.' Haematocrit range 25-55% Ability to flag pre and post-prandial results Memory capacity – 2000 tests with date, time and flags. Battery life is approximately 500 tests. PC download and software available 	<p>Accu-Chek® Mobile Test Cassettes £32.18 per pack of 100, which contains 2 x cassettes of 50 tests each Cassettes are foil wrapped and expire 3 months after opening</p> <p>Accu-Chek® FastClix Finger pricker, compatible with Accu-Chek® FastClix lancet drum 0.3mm/30G £9.83 per pack of 204</p>	<p>This meter should only be used for frequent users as test cassettes expire 3 months after opening</p> <p>This meter would be beneficial for patients with poor sight or those with dexterity problems as test strips and lancing are integrated with the meter and cassettes may be changed in clinics</p> <p>Suitable for professional drivers (DVLA requirements) due to large memory and download function. In addition, the driver does not need to carry sharps bin for disposal of lancets</p>
	<p>Accu-Chek® Active</p> <ul style="list-style-type: none"> No set-up required Coding is currently required via a chip inserted in the side of the meter, but will not be required from Sep 2015 Sample size 1µl, 5s countdown to result Large display and numbers Under-fill detection and opportunity for patient to apply more blood to same strip, saving money on wasted tests Haematocrit range 20-55% when testing in the meter and 20-70% when testing outside the meter Ability to flag pre and post-prandial results Memory capacity – 500 tests Strip expiry warning PC download and software available 	<p>Accu-Chek® Active test strips £9.95 per pot of 50 Strip expiry is 18 months from production and is printed on pot</p> <p>Accu-Chek® Softclix finger pricker, compatible with Accu-Chek® Softclix lancets 0.4mm/28G £7.85 per pack of 200</p>	<p>First-line meter with cost effective strips that is suitable for frequent and infrequent use</p> <p>Benefit of in and out of meter testing</p> <p>Accu-Chek® Active test strips are colimetric; this enables patients to check strips against colour code on side of pot to determine accuracy of result</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>Suitable for use in gestational diabetes</p>

Group 3 – Meters for specific patient groups: other requirements

	<p>Contour® XT</p> <ul style="list-style-type: none"> No set-up or coding required Sample size 0.6µl, 5s countdown to result Large, clear display Audible reminders Under-fill detection with Second-Chance™ Sampling facility with same strip within 30s of initial sample application Wide haematocrit range of 0-70% Ability to flag pre and post-prandial results Personalised features such as Hi/Lo target ranges Memory capacity – 480 tests PC download available, supported by Glucofacts Deluxe software. Results are also compatible with Diasend 	<p>Contour® Next test strips £15.04 per pot of 50</p> <p>Strip expiry is 24 months from manufacture and is printed on pot</p> <p>MICROLET® 2 lancing device, compatible with Microlet lancets 0.5mm/28G 100's - £3.90, 200's - £7.44</p>	<p>First-line meter with high accuracy test strips, suitable for patients with basic testing needs</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>May be used with neonatal blood</p> <p>Suitable for use in gestational diabetes; gestational diabetes support packs available with 25 extra Contour® Next test strips and Microlet lancets, free of charge</p>
	<p>Contour® Next USB</p> <ul style="list-style-type: none"> No set-up or coding required Sample size 0.6µl, 5s countdown to result Brightly coloured display with illuminated strip port for night time testing Under-fill detection with Second-Chance™ Sampling facility with same strip within 30s of initial sample application Wide haematocrit range of 0-70% New fasting as well as pre and post-prandial markers for easy analysis and trend spotting Memory capacity – 2000 tests Logs blood glucose, carbohydrate and insulin information PC download available, supported by Glucofacts Deluxe software. Results are also compatible with Diasend 	<p>Contour® Next test strips £15.04 per pot of 50</p> <p>Strip expiry is 24 months from manufacture and is printed on pot</p> <p>MICROLET® 2 lancing device, compatible with Microlet lancets 0.5mm/28G 100's - £3.90, 200's - £7.44</p>	<p>Complex meter that is suitable for insulin users who want a complete picture of their diabetes control, including carbohydrate and insulin units</p> <p>Bright colour display for easy viewing, inbuilt data management</p> <p>Rechargeable battery</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>May be used with neonatal blood</p> <p>Suitable for use in gestational diabetes</p>

Group 4 – Meters compatible with insulin pumps

	<p><u>Contour® Next Link and Next Link 2.4</u></p> <ul style="list-style-type: none"> • No set-up or coding required • Sample size 0.6µl, 5s countdown to result • Brightly coloured display with illuminated strip port for night time testing • Under-fill detection with Second-Chance™ Sampling facility with same strip within 30s of initial sample application • Wide haematocrit range of 0-70% • Ability to flag pre and post-prandial results • Personalised features such as Hi/Lo target ranges • Memory capacity – 1000 tests • Logs blood glucose, carbohydrate and insulin information • PC download available, supported by Glucofacts Deluxe software and Medtronic's CareLink software. Results are also compatible with Diasend • Contour® Next Link is compatible with MiniMed™ Paradigm® Veo insulin pump, MiniMed Paradigm® REAL-TIME insulin pump and continuous monitoring (CGM) system and Guardian® REAL-Time CGM System • Contour® Next Link 2.4 is compatible with MiniMed 640G insulin pump 	<p>Contour® Next test strips £15.04 per pot of 50</p> <p>Strip expiry is 24 months from manufacture and is printed on pot</p> <p>MICROLET® 2 lancing device, compatible with Microlet lancets 0.5mm/28G 100's - £3.90, 200's - £7.44</p>	<p>Designed for Medtronic device users, to make optimised insulin pump therapy easy</p> <p>Simple to use</p> <p>Rechargeable battery</p> <p>Suitable for use in peritoneal dialysis and continuous ambulatory peritoneal dialysis</p> <p>May be used with neonatal blood</p> <p>Suitable for use in gestational diabetes</p>
	<p><u>Accu-Chek® Aviva Expert Bolus Advisor System</u></p> <p>See page 9 for full product details</p>		<p>'Smart meter' with Bluetooth connectivity with the Accu-Chek® Combo insulin pump</p>