

New Products

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From drugs to continuous blood glucose monitors, the newest diabetes products are designed to make managing your condition easier and more convenient. BY KIM DOUGLASS

FOUR NEW TYPE 2 DRUGS—including the first in a new class called DPP-4 inhibitors—have come onto the market. Plus, more than a dozen new blood glucose monitors are now available, including several that “speak” to you, making it easier to follow instructions and get your test results.

Two combination devices allow you to check both your blood glucose levels and your blood pressure, and two new continuous blood glucose monitoring systems provide round-the-clock readings to help you better manage your diabetes.

New insulin pens, pumps, and a range of other supplies designed to help make diabetes management less painful and more efficient round out 2008’s crop of new products and services.

For contact information on the companies listed in this section, including manufacturers and distributors of carrying cases and medical identification products, turn to page RG58.

Blood Glucose Monitors

Advocate (*Diabetic Supply of Suncoast*). The Advocate uses a small (0.7 microliter) blood sample and provides results in 7 seconds. A “talking” version also is available, which gives test results verbally.

Assure Pro (*Arkray USA, Inc.*). The Assure Pro includes an optional reminder to conduct regular control solution tests. It features an alarm to warn of low blood glucose readings. A strip-release button eliminates the need to touch a used strip.

Assure 4 (*Arkray USA, Inc.*). This monitor uses test strips that were designed to be easy to handle, and it turns on when the strip is inserted. It uses AAA batteries and provides plasma-referenced results in 10 seconds.

Breeze 2 (*Bayer Healthcare, LLC*). The Breeze 2 requires no manual coding, which means you don’t need to insert a code or code chip. It provides results in 5 seconds. This monitor stores 420 tests and provides 1-, 7-, 14-, and 30-day averages.

Contour (*Bayer Healthcare, LLC*). Like the Breeze 2, the Contour monitor is self-coding. It features a post-meal test reminder alarm and displays high, low, and total test results over the past 7 days.

Fifty50 Control (*Fifty50 Medical, Inc.*). The Fifty50 Control monitor provides results in 5 seconds. It stores 250 tests, and you may use the monitor to test blood samples drawn from various spots on your body.

FreeStyle Lite (*Abbott Diabetes Care*). This monitor uses a small blood sample (0.3 microliters) and provides results in an average of 5 seconds. You may use the monitor to test samples from sites other



Microdot



PocketChem EZ



Fifty50 Control



Prodigy AutoCode

than your fingertips, such as your forearm.

GlucoComT GC-100 (*Cardio-Com, LLC*). This monitor uses a small blood sample (0.7 microliters) and provides results in 7 seconds. Data from this monitor can be downloaded and shared with a secure diabetes management Web site.

Microdot (*Links Medical Products, Inc.*). The Microdot monitor uses a small blood sample (0.6 microliters) and provides results in 10 seconds. It features a large display, four programmable alarms, and a strip-eject button.

OneTouch UltraMini (*LifeScan, Inc.*). This monitor features a three-step test and a large screen. It weighs 1.2 ounces with the batteries, provides results in 5 seconds, and stores 50 tests. It comes in four colors.

PocketChem EZ (*Arkray USA, Inc.*). This monitor features a two-step process and may test samples from the fingertip or palm. It stores 250 tests with time and date stamps, and test results may be downloaded.

Prodigy AutoCode (*Diagnostic Devices, Inc.*). This monitor can “talk”; it will give you instructions and test results in English or Spanish. It uses a 0.6-microliter blood sample, provides results in 6 seconds, and stores 450 tests.

WaveSense Jazz (*AgaMatrix, Inc.*). The WaveSense Jazz has many of the same features as the WaveSense Keynote, plus it requires no manual coding. It has seven reminder alarms, and stores 1,865 tests.

WaveSense Keynote (*AgaMatrix, Inc.*). This monitor activates automatically once the test strip is inserted, and it provides mealtime and 14-, 30-,

and 90-day averages. A bright backlight allows for testing in low-light environments.

Combination Blood Glucose Monitors

Advocate Duo (*Diabetic Supply of Suncoast*). This product allows you to check both your blood glucose and your blood pressure. It “speaks” English and Spanish so that you can hear the results of your tests, and it comes with free downloadable software and training videos.

Duo-Care (*GenExel Sein*). This product provides blood glucose readings in 5 seconds and stores 150 glucose readings. Blood pressure readings are collected through a wrist monitor, and the device stores 60 of these measurements.

Continuous Glucose Monitors

Guardian Real Time (*Medtronic Diabetes*). This system includes high- and low-glucose alerts, rate-of-change alerts, and predictive alerts, to warn you before you have reached certain glucose limits. Readings are taken every 10 seconds and averaged every 5 minutes, 24 hours a day.

The Seven System (*DexCom*). This system is approved for up to 7 days of continuous use. It has three parts: a sensor (which fits inside the insertion needle); a transmitter, which wirelessly sends readings to the receiver; and a receiver, which stores up



Accu-Chek Spirit



BD
Microtainer
Contact-Activated
Lancet



SureComfort



Lantus SoloStar

to 30 days of data. It replaces the STS System.

Insulin Pens

HumaPen Luxura HD (*Eli Lilly and Company*). This is a reusable pen that can deliver from 1 to 30 units of Humalog in small increments (half-unit increments after the first unit), making it a potentially attractive option for people who don’t require large amounts of insulin and parents of children with diabetes.

HumaPen Memoir (*Eli Lilly and Company*). This pen is designed for people who take several injections of Humalog each day; it “remembers” what you’ve taken before so you can review your last 16 insulin doses, including the priming doses.

Lantus SoloStar (*Sanofi-Aventis*). This pre-filled disposable insulin pen is for use with the long-acting insulin Lantus (insulin glargine) for the treatment of hyperglycemia in people with type 1 and type 2 diabetes.

Patients may administer from 1 to 80 units in one injection.

Insulin Pumps

Accu-Chek Spirit (*Disetronic Medical Systems, Inc.*). The Accu-Chek Spirit pump system has five basal rate profiles and four bolus delivery options. It includes a Palm PDA (or a smartphone option) so that you can calculate a bolus and program the pump without having to remove the pump from your pocket or carrier.

Animas 2020 (*Animas*)

Corporation). This insulin pump permits very small changes in basal insulin infusion rates (0.025 units per hour), and it allows you to create a database of your 500 favorite foods to help you manage your insulin dosing. A light-emitting diode display screen is designed to provide brighter, clearer images.

Lancets and Lancing Devices

Advocate Lancing Device (*Diabetic Supply of Suncoast*). This lancing device has different depth options, and it works with most standard lancets. It comes in boxes of 100.

Advocate 30 Gauge Pull Top/Twist Top Lancets (*Diabetic Supply of Suncoast*). These lancets are compatible with nearly all lancing devices. They come in boxes of 100, and they have tri-bevel tips.

BD Microtainer Contact-Activated Lancet (*BD*). This lancet device activates only when it is positioned and pressed against the skin. Its design prevents the lancet from being reused.

Renew Advance Cartridge Refill (*Can-Am Care, LLC*). This product is sold with five cartridges per pack, and each cartridge contains 20 single-use micro-lancets.

Renew Advance Lancing System (*Can-Am Care, LLC*). This product includes a circular design with five depth settings. It includes one cartridge with 20 micro-lancets.

Vitalcare Lancet (*Diagnostic Devices, Inc.*). These pressure-activated safety lancets come in pull-top and twist-top designs, and they are sold 100 per box.

Vitalcare Lancing Devices (*Diagnostic Devices, Inc.*). These

are universal lancing devices that are sold with clear caps.

Over-the-Counter Products for Treating Low Blood Glucose

Dex4 Liquid Blast/Store Brand Liquid Shot (*Can-Am Care, LLC*). This glucose liquid comes in a 2-ounce resealable bottle. Available in lemon-lime and mixed berry flavors.

GlucoBurst Glucose Tablets (*PBM Products, LLC*). These tablets deliver 5 grams of glucose in 9-count and 24-count sizes. They come in sour apple and sour cherry flavors.

Pen Needles

SureComfort (*Allison Medical, Inc.*). This line of pen needles comes in three sizes for people with different needs and of different ages, and the sizes are color-coded on the paper tabs and needle covers.

Pump Supplies

Fifty50 Medical Infusion Set (*Fifty50 Medical, Inc.*). This set has a 90-degree insertion angle. It uses a flexible, nonmetal cannula that is available in 6-mm and 9-mm lengths, and tubing is available in 23-inch and 43-inch lengths.

Fifty50 Medical Reservoirs (*Fifty50 Medical, Inc.*). There are several new models available. These single-use insulin reservoirs are for use with various Medtronic MiniMed and Paradigm insulin pumps.

Orbit 90 (*ICU Medical*). This set “spins”: It freely rotates 360 degrees. Its smooth dome shape was designed to prevent clothes from snagging.

Syringe Supplies

Clip & Stor Insulin Needle Safety System (*Links Medical Products, Inc.*). This pocket-sized device allows you to safely dispose of insulin syringes and pen needles by pushing down on a release tab, which triggers a clipper. You insert the needle, press and close the clipper top, and it clips off the needle and stores it inside.

Type 2 Drugs

Duetact (*Takeda Pharmaceuticals*). This single-tablet medication combines Actos (pioglitazone hydrochloride) and glimepiride for the purpose of targeting insulin resistance and increasing the amount of insulin produced by the pancreas. It is taken once daily.

Glumetza (*King Pharmaceuticals, Inc.*). Glumetza (metformin hydrochloride) is an extended-release tablet that may be taken alone or in combination with a sulfonylurea or insulin. Metformin acts mainly by decreasing the amount of glucose made by the liver.

Janumet (*Merck & Co., Inc.*). Janumet tablets contain both the new drug Januvia (sitagliptin) and metformin, thus providing the glucose-lowering benefits of both of these drugs.

Januvia (*Merck & Co., Inc.*). Januvia is the first in a new class of drugs called DPP-4 inhibitors, which help the body produce more insulin in response to meals and decrease the production of glucose by the liver. This once-daily medication may be taken alone or in combination with metformin or drugs such as Actos (pioglitazone) or Avandia (rosiglitazone).

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