



The *BD Ultra-Fine II* Short Needle Insulin Syringe is scaled in half-unit markings, allowing for precise dosage, and offers a short (8-millimeter) needle.

At 5 millimeters ($\frac{3}{16}$ inch), the *BD Ultra-Fine III* Mini Pen Needle is the shortest pen needle in the world and can be used safely by both children and adults.



BD Ultra-Fine 33 Lancets are the thinnest lancets available, an attribute that translates into low pain for diabetes patients when they take a blood sample.



Worldwide, more than 180 million people currently suffer from diabetes, including 400,000 children. Poor dietary habits, obesity and sedentary lifestyles are also responsible for increasing the incidence of diabetes among adolescents worldwide.

BD continues to respond to the needs of people with diabetes by providing a wide range of tools and services to help them manage their disease. As one example, in North America, a recent innovation is the Paradigm Link[®] blood glucose monitor, powered by *BD Logic* technology. It is the first blood glucose monitor to provide wireless communication between a monitor and Medtronic's "smart" Paradigm[®] insulin pumps. This integrated, easy-to-use system simplifies diabetes management: blood sugar monitoring and insulin dosing.





The Paradigm Link® blood glucose monitor (left), developed with Medtronic for use with a “smart” Paradigm® insulin pump (right), won a 2004 Medical Design Excellence Award.

“Diabetes is more prevalent than once thought. Cases could more than double between 2000 and 2030, according to the World Health Organization. A longtime leader in devices for insulin therapy, BD is well positioned to link information management to insulin delivery and glucose monitoring to improve patient outcomes.”

—Bill Marshall, President, Diabetes Care

A focus on higher value products, combined with business strategies aimed at growth, is the key driver behind the faster pace of innovation across BD today. BD is committed to developing products and systems—in both insulin delivery and blood glucose monitoring—that will help improve diabetes management and the quality of life for those who have diabetes.

BD is working to discover and develop novel approaches for the future and is teaming with external partners to broaden its market presence. Today’s higher value diabetes management products are the Paradigm Link® blood glucose monitor and the *BD Logic* blood glucose monitor. Significantly, both products have received clearance from the U.S. Food and Drug Administration (FDA) for alternate site testing (off-finger), providing greater convenience for patients when checking blood glucose levels. Both feature a small sample size and 5-second test time, and the Paradigm Link® monitor is used with “smart” Paradigm® pumps to greatly simplify the complex process of managing diabetes. Looking to the future, BD continues to actively research more advanced approaches to treating a disease that is spreading at an ever-faster rate, with the ultimate goal of helping to find a cure.

Strengthening its traditional leadership in insulin delivery, BD brought to market two new insulin syringes featuring the thinnest insulin syringe needles available in the U.S.—the 31-gauge *BD Ultra-Fine II* Short Needle Insulin Syringe and the 30-gauge *BD Ultra-Fine* Needle Insulin Syringe. The Company also introduced a 1ml version of its *BD Integra* syringe, which extends retracting technology to a smaller size syringe that can be used for insulin delivery in a clinical setting, as well as other uses.

Renewing its long-term efforts in diabetes education, BD is working with swimmer Gary Hall, Jr.—the winner of 10 Olympic medals—who has Type 1 diabetes. By teaming with Hall, BD seeks to inspire people with diabetes and demonstrate that they can access the insulin injection products and educational support they need to live healthy lives.

In keeping with new U.S. Environmental Protection Agency recommendations for the safe home disposal of needles, lancets and syringes, BD offers the BD Sharps Disposal By Mail system for safe disposal of used insulin sharps. The BD Sharps Disposal By Mail system encompasses containment, storage, transportation, disposal and tracking of sharps, all in one package. System materials are available in local pharmacies and include sharps containers, wrapping bags and postage-paid mailing boxes.