

# BD (Becton, Dickinson and Company) Safe Sharps Disposal Plan

**BD** is recognized as a sustainability leader and is committed to our corporate purpose of *“Helping all people live healthy lives.”*

No other company has invested more capital, human resources or technical know-how to reducing needlestick injuries, through safety-engineered products and safe, convenient sharps containment.

View sharps disposal guidelines by state at [www.bd.com/sharpsdisposal](http://www.bd.com/sharpsdisposal)

## How BD supports the safe disposal of used household sharps

### **BD (Becton, Dickinson and Company) Safe Sharps Disposal Plan**

BD is committed to helping people with diabetes contain and dispose of their household sharps in a compliant manner.

BD manufactures the following products for people with diabetes who test and inject at home:

#### For injection therapy:

- BD Ultra-Fine™ insulin syringes
- BD Ultra-Fine™ pen needles

#### For blood glucose testing:

- BD Ultra-Fine™ 30 Gauge Lancets
- BD Ultra-Fine™ 33 Gauge Lancets

#### For sharps containment and disposal:

- BD™ Home Sharps Container
- BD™ Sharps Disposal by Mail
- BD Safe-Clip™ Device
- BD Safe-Clip™ by Mail
- Some hospitals are serving as collection centers for patients to bring their home sharps. For these and other hospitals, BD focuses its product development efforts on minimizing the impact of disposable plastic products on the environment with its “Cradle to Cradle” sharps disposal service (see attached press release).
- BD and Waste Management are currently market testing a prepaid “aggregate collection shipper” containing 20 slots for filled BD Home Sharps Containers. This shipper can be located in or near a retail pharmacy or clinic. BD is providing free BD Home Sharps Containers to retailers during this test period. This allows retailers to provide a unique service to consumers.



This plan describes the BD products designed for safe and effective household sharps disposal, our extensive patient and professional sharps education, and our collaborations with other organizations that have an interest in protecting public health and safety.

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## Provide for Effective, Safe Needle Collection and Disposal

BD markets products that can be used for sharps containment and disposal, both in and outside the home.

Patients may purchase the FDA-approved BD™ Home Sharps Container for containment of used syringes and pen needles in the home. This is a rigid, leak-proof, puncture-resistant container made of hard plastic with a lid that is securely sealed to prevent contents from falling out. The red container is prominently marked with the biohazard symbol. This product can be used in the BD/Waste Management “aggregate shipper” program.

This same container is combined with a sturdy cardboard mailer and tracking document for the BD™ Sharps Disposal by Mail product, which is available through retail pharmacies nationwide.

For patients who inject outside the home, the BD Safe-Clip™ Device provides a convenient, portable way to clip off a syringe needle or pen needle and safely retain the needles within the clipper. The device can be used with a wide variety of needle lengths and gauges. It holds up to 1,500 clipped needles, approximately a 2-year supply for many patients.



**BD™ Home Sharps Container**



**BD Safe-Clip™ Device**



**BD Safe-Clip™ by Mail**



**BD™ Sharps Disposal by Mail**

## BD sharps containment and disposal products:

- Are easy to find. Distributed nationwide through retail pharmacies, supermarket pharmacies, and online pharmacies
- Are designed for ease of use and convenience.
- Meet FDA requirements for sharps containers for transport to drop off facilities or mail back to a processing facility



**Aggregated Shipper**

## Free and Donated Sharps Containers

- For the safety and convenience of its own employees and visitors, BD provides free sharps containers throughout every one of its facilities, worldwide.
- As part of its annual diabetes camp education program, BD donates sharps containers along with syringes, pen needles and lancets to diabetes camps across the U.S.

# BD (Becton, Dickinson and Company) Safe Sharps Disposal Plan

## Patient Education

BD provides one of the most comprehensive sharps disposal education programs available to consumers and healthcare professionals.

- Every insulin syringe, pen needle and lancet package includes an insert describing how to contain and dispose of used sharps.
- BD Getting Started™ Take Home Kits, used to teach patients how to inject, contain literature describing the steps to take for safe sharps containment and disposal.
- Every BD patient education brochure that describes a self-care activity using sharps, also includes a page about proper needle disposal.
- The BD Diabetes patient education web site has several pages discussing safe needle disposal methods and describing BD sharps disposal products. BD maintains an up-to-date listing of sharps disposal guidelines by state, which is accessible from both BD's consumer and healthcare professional sites. The state guidelines section is updated annually by visiting state web sites and, if necessary, calling state Waste Management or Public Health agencies.
- One of the most frequently asked questions to the BD CARES call center is how to properly dispose of used sharps. The BD call center operators are trained to educate callers about safe and effective needle containment and disposal.
- BD participates in numerous diabetes health fairs throughout the U.S., including Taking Control of Your Diabetes, Children With Diabetes, and events scheduled by local hospitals and diabetes clinics. BD staff attend these events to educate consumers on proper injection technique and safe needle disposal.



# BD (Becton, Dickinson and Company)

## Safe Sharps Disposal Plan

### Coordination with other organizations' sharps management efforts

Safety and sharps injury prevention are important to BD.

- We support OSHA and CDC/NIOSH recommendations, and promote the CDC Workbook for Designing, Implementing and Evaluating a Sharps Injury Prevention Program for clinical workplaces.
- BD is pilot testing with Rady Children's Hospital and Waste Management a comprehensive "cradle to cradle" program that entails recycling waste materials and utilizing them to manufacture new products rather than permanently disposing of them in a landfill. Based on initial tests, BD believes that more than 70% of its overall sharps waste may ultimately be recovered and recycled for use in new products. (see press release at the end of this plan)

This product stewardship program builds upon BD's sustainability commitment, which has been recognized for achievements in environmental stewardship. In Newsweek's 2010 "Green Rankings" of the 500 largest U.S. corporations, BD ranked 2nd in the Healthcare sector and 24th overall. Additionally, BD has been a component of the Dow Jones Sustainability World Index (DJSI World) and DJSI North America for five and six consecutive years, respectively. Inclusion in DJSI World puts BD in the top 10 percent of companies in the healthcare sector assessed for sustainability leadership. BD was one of only ten organizations nationwide to receive a 2010 Leadership Award from the U.S. Environmental Protection Agency in the Green Power Purchase category.

- BD is a financial supporter of the Coalition for Safe Community Needle Disposal, a national organization dedicated to raising community awareness about safe needle disposal methods.





# BD (Becton, Dickinson and Company)

## Safe Sharps Disposal Plan

### Consumer/Community Involvement

As a formal process, BD regularly seeks patient and healthcare professional feedback for both product development and the development of patient education materials.

- BD conducts annual, large-scale market research with consumers and healthcare professionals on a wide range of topics, including needle containment and disposal. Patients and healthcare professionals are asked to rate BD diabetes care products and patient education materials on a number of attributes, including ease of use and quality.
- BD products, including sharps containers, are consumer use-tested prior to launch.
- Product feedback from callers to the BD CARES call center is collected and regularly analyzed for sources of product improvement and new product ideas.
- Through its participation in diabetes health fairs throughout the U.S., BD has the opportunity to collect informal consumer feedback about BD diabetes care products and educational materials.

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Press release, April 13, 2011:

## BD and Waste Management Launch Initiative to Recycle Medical Sharps Program Can Help Hospitals and Healthcare Facilities Achieve Sustainability Goals

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Franklin Lakes, NJ (April 13, 2011) – BD (Becton, Dickinson and Company) (NYSE:BDX) and Waste Management Healthcare Solutions, a subsidiary of Waste Management, Inc. (NYSE: WM), today announced an agreement to recycle medical sharps waste from hospitals and other healthcare facilities. The companies are jointly launching the BD ecoFinity™ Life Cycle Solution, an innovative service that will recycle medical sharps waste and utilize the material to manufacture new products.

Single-use medical devices such as needles and syringes provide clear clinical and public health benefits. However, hospitals are increasingly concerned with reducing waste and avoiding unnecessary costs. Drawing upon Waste Management's expertise in the collection and management of medical waste and BD's leadership as a global medical technology company, the BD ecoFinity program will enable hospitals to reduce their environmental footprint and avoid additional costs without compromising patient care. To learn more, visit [www.bd.com/ecofinity](http://www.bd.com/ecofinity).

"Our unique integrated environmental solutions increase value by managing materials more efficiently to help lower the costs for our healthcare customers, while maintaining safety and compliance standards," said Mike McInerney, vice president of WM Healthcare Solutions. "We are pleased to be collaborating with BD to move forward our shared vision of safety and sustainability."

"BD's long-term objective is to reduce the environmental impacts of our products at each stage of the life cycle," said Bill Kozy, executive vice president, BD. "The collaboration between Waste Management and BD will help healthcare facilities reduce the materials that go into disposal, and aligns with BD's sustainability vision to reduce the environmental footprint of medication delivery. We are also working to reduce the use of raw materials, increase the use of recycled materials in new products, and manufacture products in a more sustainable manner."

Based on results of a pilot program at Rady Children's Hospital-San Diego, BD believes that more than 70 percent of its overall sharps waste may ultimately be recovered and recycled rather than be permanently disposed of in landfills. This program builds upon BD's sustainability commitment, which has been recognized for achievements in environmental stewardship. In Newsweek's 2010 "Green Rankings" of the 500 largest U.S. corporations, BD ranked 2nd in the Healthcare sector and 24th overall. As part of its commitment to sustainability, BD's worldwide headquarters and three of the Company's U.S. manufacturing sites are offsetting 100 percent of their electricity use with renewable energy through green power purchases and renewable energy credits. To learn more about BD's commitment to environmental stewardship, visit [www.bd.com/sustainability](http://www.bd.com/sustainability).

This agreement with BD complements Waste Management's comprehensive waste services in the areas of recycling, landfill, waste-to-energy and consulting services. The alliance will also help Waste Management meet its sustainability goals: nearly tripling the amount of recyclables it processes by 2020, and investing in emerging technologies for managing waste.

**About Waste Management:** Waste Management, Inc., based in Houston, Texas, is the leading provider of comprehensive waste management services in North America. Through its subsidiaries, the company provides collection, transfer, recycling and resource recovery, and disposal services. It is the largest residential recycler in North America as well as a leading developer, operator and owner of waste-to-energy and landfill gas-to-energy facilities in the United States. The company's customers include residential, commercial, industrial, and municipal customers throughout North America. To learn more information about Waste Management visit [www.wm.com](http://www.wm.com) or [www.thinkgreen.com](http://www.thinkgreen.com). For more information about WM's commitment to environmental sustainability, visit [www.wm.com/sustainability](http://www.wm.com/sustainability).

**About BD:** BD, a leading global medical technology company that manufactures and sells medical devices, instrument systems and reagents, is dedicated to improving people's health throughout the world. BD is focused on improving drug therapy, enhancing the quality and speed of diagnosing infectious diseases, and advancing research and discovery of new drugs and vaccines. The Company's capabilities are instrumental in combating many of the world's most pressing diseases. Founded in 1897 and headquartered in Franklin Lakes, New Jersey, BD employs approximately 29,000 associates in more than 50 countries throughout the world. The Company serves healthcare institutions, life science researchers, clinical laboratories, industry and the general public. For more information, please visit [www.bd.com](http://www.bd.com).

This press release contains forward-looking statements as defined in the Private Securities Litigation Reform Act of 1995. Forward-looking statements are information of a non-historical nature or which relate to future events and are subject to risks and uncertainties. In many cases, you can identify forward-looking statements by terminology such as "may," "will," "should," "expects," "plans," "anticipates," "believes," "estimates," "predicts," "potential," or "continue," or the negative of these terms and other comparable terminology. These statements are only predictions. Actual results could differ materially from those anticipated in these forward-looking statements as a result of a number of factors. The forward-looking statements made in this press release relate only to events as of the date of this release. We undertake no ongoing obligation to update these statements. \*\*\*