



Helping all people
live healthy lives

The BD Family of **Safety Injection Products**

Designed to meet your needs

- Safety Engineering
- Quality
- Performance

Alternate Site

Finding
REAL
Solutions



Now safety comes with choices.

Safety has always been a priority at BD.

More than a decade ago, BD pioneered safety injection by introducing BD Safety-Lok™, the world's first safety-engineered syringe.

Today, as federal legislation mandates that safety devices be implemented in both acute-care and alternate-site facilities, BD renews its commitment to healthcare workers by offering the widest array of safety-engineered devices available anywhere. And no matter which BD safety injection product you choose, you're always assured that each aspect has been designed specifically with the clinician—and the patient—in mind.

Safety remains a priority throughout the Medication Delivery Process.

Safety injection is another way that BD can help you to manage the Medication Delivery Process. BD is committed to providing products and expertise that:

- Reduce risk
- Standardize clinical practices
- Manage cost

BD will work with you to reduce your facility's SKUs while standardizing clinical practice and managing supply costs.

As always, BD is committed to giving you the information and services you need.

For quick answers to questions on the Needlestick Safety and Prevention Law, visit our Web site at www.bd.com/safety.

Or call 1.888.383.0118 for more information on the BD Family of Injection Products.

All members of the BD Safety Injection Family share these “core” benefits.

BD offers clinically relevant options in each safety technology category. And although the safety mechanisms may differ, all of our injection products are designed with the core benefits that you’ve come to rely upon—and expect—from BD.

These benefits include:

- BD PrecisionGlide™ Needle, the “world’s sharpest,” to promote patient comfort.
- Clear scale visualization and bold markings for dosage accuracy.
- Safety features that require minimal change in technique.
- BD’s ongoing commitment to producing the best safety injection devices.
- Reliable performance.
- Outstanding quality.

BD SafetyGlide™ Needle

**BD Eclipse™
Injection Needle**



**BD Integra™
Retracting Syringe**

BD SafetyGlide™ Syringe
for Insulin, TB and Allergy

**BD Safety-Lok™
Syringe**

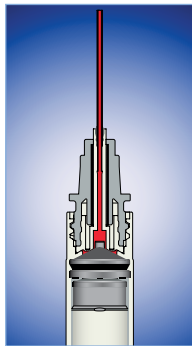
Shaping the Future of Safety

The latest innovation
in retracting technology.



The only retracting syringe that truly meets your clinical needs.

- It's the first spring-based retracting syringe with a detachable¹ needle!
Allows the clinician to change needles for aspiration and administration.
- The BD Integra Syringe has extremely low waste space. Low waste space reduces medication waste and cost.



Red area = waste space

*The BD Integra Syringe has up to
86% less waste space than other
manufacturers' syringe designs.*

- The clinician decides when to activate the retracting mechanism either before or after needle is withdrawn from patient.
- The low waste space design means there is minimal splatter after activation.
- Available in a wide range of 3ml and 1ml sizes for IM, SubQ and ID injections.

Visit www.bd.com/Integra for more information.

¹ Detachable needle available on the BD Integra 3ml Syringe with Needle only.

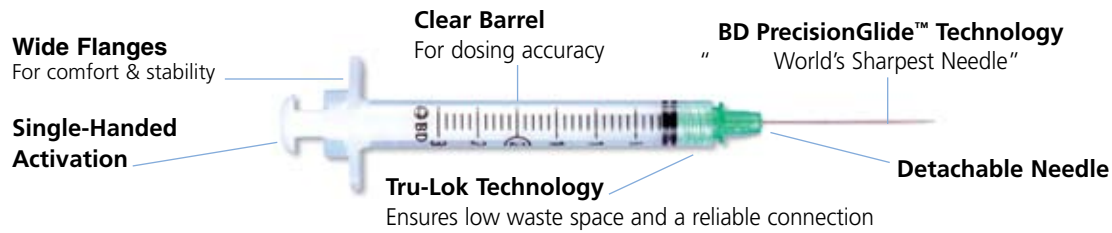
BD Integra™ Syringe

With Retracting BD PrecisionGlide™ Needle



BD Integra™
Retracting Syringe

Prior to activation



After activation



Needle Retracts into the Syringe!
– Eliminates exposure to the needle after activation

BD Integra 1ml Syringe w/ Perm. Attached Needle

BD CAT #	DESCRIPTION	GAUGE/NEEDLE	PACKAGING
305277	1ml	25g x 5/8"	100/Box 800/Case
305278	1ml	25g x 1"	100/Box 800/Case
305279	1ml/TB	26g x 3/8"	100/Box 800/Case
305298	1ml/TB	27g x 1/2"	100/Box 800/Case
305282	1ml/Insulin	29g x 1/2"	100/Box 800/Case

BD Integra 3ml Syringe with Detachable Needle

BD CAT #	DESCRIPTION	PACKAGING
305269	3ml Syringe with detachable 25g x 5/8" Needle	100/Box 400/Case
305270	3ml Syringe with detachable 25g x 1" Needle	100/Box 400/Case
305271	3ml Syringe with detachable 23g x 1" Needle	100/Box 400/Case
305272	3ml Syringe with detachable 22g x 1-1/2" Needle	100/Box 400/Case
305273	3ml Syringe with detachable 21g x 1" Needle	100/Box 400/Case
305274	3ml Syringe with detachable 21g x 1-1/2" Needle	100/Box 400/Case

BD Integra Needle

BD CAT #	DESCRIPTION	GAUGE/NEEDLE	PACKAGING
305310	Retracting Needle	25g x 5/8"	100/Box 1000/Case
305311	Retracting Needle	25g x 1"	100/Box 1000/Case
305312	Retracting Needle	23g x 1"	100/Box 1000/Case
305313	Retracting Needle	22g x 1-1/2"	100/Box 1000/Case
305275 ¹	Blunt Fill Needle	18g x 1-1/2"	100/Box 1000/Case
305833 ¹	Blunt Filter Needle	18g x 1-1/2"	50/Box 500/Case

3ml Syringe Only

BD CAT #	DESCRIPTION	PACKAGING
305283	3ml Syringe only	100/Box 400/Case

¹ 18G Blunt Fill and Filter Needles have a non-retracting needle

Safety Without Compromise

Setting the standard
in safety for a wide variety
of applications.

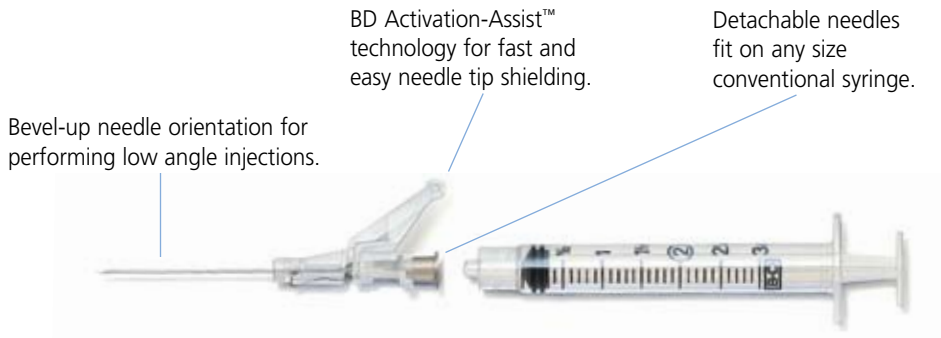


The most versatile safety injection technology available today.

- Features single-handed activation that allows for ease of use and minimal training.
- Low profile safety mechanism remains discretely out of the way before and during injection and requires minimal change in technique.
- Patented Activation-Assist™ technology provides assurance of activation and keeps fingers behind the needle tip.
- Stainless-steel latch securely shields the needle tip after activation.
- “Bevel-up” design eliminates safety-arm interference to facilitate low-angle injections.
- Minimal waste space—equivalent to a BD conventional syringe—does not add to medication waste and cost.
- Needle-based design facilitates standardization and SKU reduction.
- Available in a full array of sizes.
- Compatible with any size conventional syringe.

BD SafetyGlide™ Needle

Prior to activation



After activation



BD SafetyGlide™ Needle

BD SafetyGlide Needle & Syringe

BD Cat #	Description	Packaging
305921	27g x 5/8" Needle	50/Box 500/Case
305901	25g x 5/8" Needle	50/Box 500/Case
305916	25g x 1" Needle	50/Box 500/Case
305902	23g x 1" Needle	50/Box 500/Case
305900	22g x 1-1/2" Needle	50/Box 500/Case
305915	21g x 1" Needle	50/Box 500/Case
305917	21g x 1-1/2" Needle	50/Box 500/Case
305918	18g x 1-1/2" Needle	50/Box 500/Case
305927	1ml Syringe with 27g x 5/8" Needle	50/Box 400/Case
305903	1ml Syringe with 25g x 5/8" Needle	50/Box 400/Case
305904	3ml Syringe with 25g x 5/8" Needle	50/Box 400/Case
305905	3ml Syringe with 23g x 1" Needle	50/Box 400/Case
305906	3ml Syringe with 22g x 1-1/2" Needle	50/Box 400/Case
305909	3ml Syringe with 21g x 1-1/2" Needle	50/Box 400/Case
305907	5ml Syringe with 22g x 1-1/2" Needle	50/Box 400/Case
305908	10ml Syringe with 22g x 1-1/2" Needle	50/Box 400/Case

Safety In Small Doses

Completes the SafetyGlide line to meet your SubQ and Intradermal injection needs.



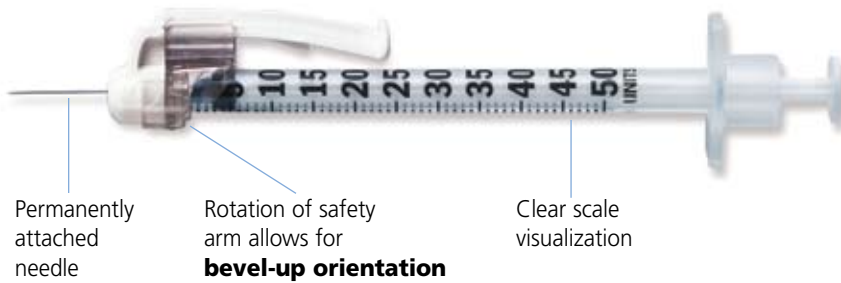
The *only* single-handed safety injection device in three small syringe sizes– 1ml, 1/2ml & 3/10ml.

- 26g to 31g needle sizes perform a variety of SubQ and Intradermal applications.
- 1ml, 1/2ml and 3/10 ml insulin syringe sizes facilitate small dose injections.
- Permanently attached needle means minimal waste space:
- A necessity for insulin injection.
- A potential medication cost savings if used instead of a detachable needle and syringe.
- Features single-handed activation that allows for ease of use and minimal training.
- Rotating safety arm eliminates interference during drawing up, and facilitates low-angle injections.
- Cap is designed to stand on end for true one-handed passive recapping of clean needles for transport.

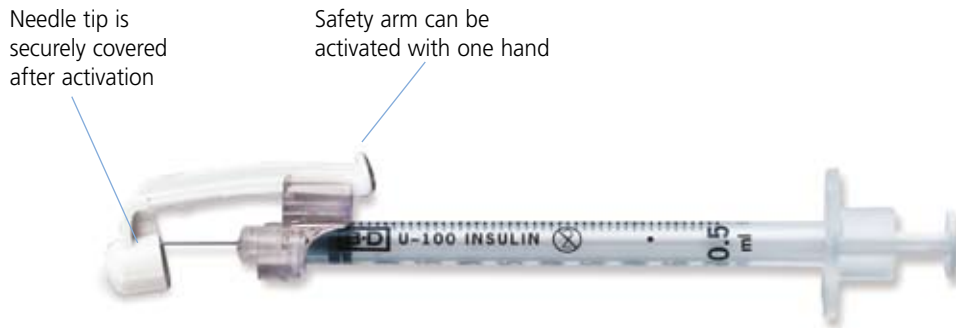
BD SafetyGlide™ Syringe

for Insulin, TB & Allergy

Prior to activation



After activation



BD SafetyGlide Syringe for Insulin, TB & Allergy

BD Cat #	Description	Packaging
305930	1ml Insulin Syringe with 29g x 1/2" Needle	100/Box 400/Case
305932	1/2ml Insulin Syringe with 29g x 1/2" Needle	100/Box 400/Case
305934	1/2ml Insulin Syringe with 30g x 5/16" Needle - Thinwall	100/Box 400/Case
305935	3/10ml Insulin Syringe with 29g x 1/2" Needle	100/Box 400/Case
305937	3/10ml Insulin Syringe with 31g x 5/16" Needle - Thinwall	100/Box 400/Case
305945	1ml Tuberculin Syringe with 27g x 1/2" Needle (RB)	100/Box 400/Case
305946	1ml Tuberculin Syringe with 26g x 3/8" Needle (IB)	100/Box 400/Case
305950	1ml Allergist Tray with 27g x 1/2" Needle (RB)	25/Tray 1000/Case
305951	1ml Allergist Tray with 26g x 3/8" Needle (IB)	25/Tray 1000/Case

(RB) = Regular bevel
(IB) = Intradermal bevel

Safety Made Simple

Intuitive and easy to use —
a highly economical approach
to safety.

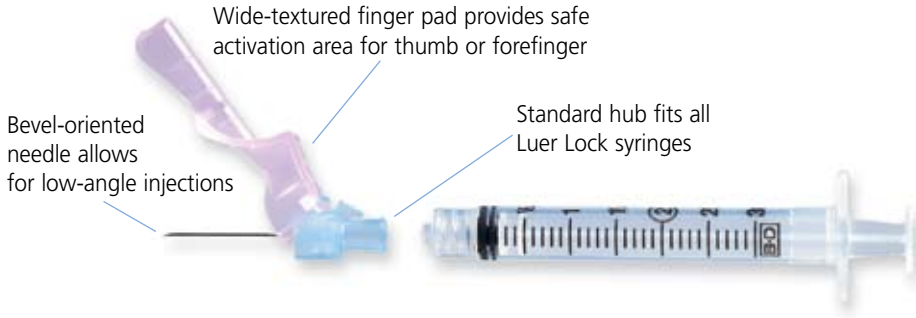


One technology for both skin injection and blood collection applications.

- Activates with a single finger stroke immediately after injection—no hard surface is required.
- “Bevel up” design eliminates safety-arm interference to facilitate low-angle injections.
- Minimal wastespace—equivalent to a BD conventional syringe— does not add to medication waste and cost.
- Textured pad keeps your finger safely behind the needle.
- Needle-based design facilitates standardization and SKU reduction.
- For use with BD LuerLok™ syringes only.

BD Eclipse™ Injection Needle

Prior to activation



After activation



BD Eclipse Needle & Syringe

BD Cat #	Description	Packaging
305761	25g x 1" Needle	100/Box 1200/Case
305767	25g x 1-1/2" Needle	100/Box 1200/Case
305762	23g x 1" Needle	100/Box 1200/Case
305768	22g x 1" Needle	100/Box 1200/Case
305763	22g x 1-1/2" Needle	100/Box 1200/Case
305764	21g x 1" Needle	100/Box 1200/Case
305765	21g x 1-1/2" Needle	100/Box 1200/Case
305766	18g x 1-1/2" Needle	100/Box 1200/Case
305778	1ml Syringe w/BD Luer-Lok™ tip and detachable 30g x 1/2" Needle	50/Box 300/Case
305789	1ml Syringe w/BD Luer-Lok™ tip and detachable 27g x 1/2" Needle	50/Box 300/Case
305780	1ml Syringe w/BD Luer-Lok™ tip and detachable 25g x 5/8" Needle	50/Box 300/Case
305781	3ml Syringe with BD Luer-Lok™ tip and detachable 25g x 5/8" Needle	50/Box 300/Case
305787	3ml Syringe with BD Luer-Lok™ tip and detachable 25g x 1" Needle	50/Box 300/Case
305782	3ml Syringe with BD Luer-Lok™ tip and detachable 23g x 1" Needle	50/Box 300/Case
305788	3ml Syringe with BD Luer-Lok™ tip and detachable 22g x 1" Needle	50/Box 300/Case
305783	3ml Syringe with BD Luer-Lok™ tip and detachable 22g x 1-1/2" Needle	50/Box 300/Case
305779	3ml Syringe with BD Luer-Lok™ tip and detachable 21g x 1" Needle	50/Box 300/Case
305784	3ml Syringe with BD Luer-Lok™ tip and detachable 21g x 1-1/2" Needle	50/Box 300/Case
305785	5ml Syringe with BD Luer-Lok™ tip and detachable 22g x 1-1/2" Needle	50/Box 300/Case
305786	10ml Syringe with BD Luer-Lok™ tip and detachable 22g x 1-1/2" Needle	50/Box 300/Case





First In Safety

The world's first safety-engineered syringe.

Proven performance and dependability.

- The only device of its kind to provide color-coded visual confirmation of the safety lock.
- Protective sleeve locks into position with one motion to cover the needle after injection.
- Crystal-clear barrel and sleeve allows for dosing visualization.
- Large flanges and tapered plunger rod increase control for easier aspiration and injection.
- Safety shield design allows for protected blood transfer capability into an evacuated tube.
- Interim “park” position of safety shield complements injection practice in the OR.
- Can be used with any needle 1-1/2” or shorter – providing safety for many sizes that do not have other alternatives.
- Available in a wide array of sizes–1ml, 3ml, 5ml & 10ml.

BD Safety-Lok™ Syringe

Prior to activation

Large Flanges and Tapered Plunger Rod increase control for easier aspiration and injection

Crystal Clear Barrel and Sleeve make syringe contents easier to see

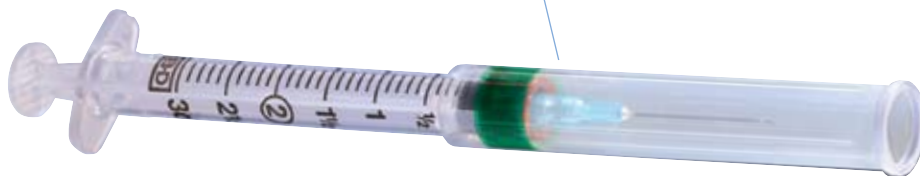
Bold Scale Markings facilitate accurate dose measurement

World's Sharpest Needle for greater patient comfort



After activation

Visual Lock Indicator
Lock confirmed when green band fully covers red collar.



BD Safety-Lok Syringe

BD Cat #	Description	Packaging
329464	1ml Insulin Syringe with Permanently Attached 29g x 1/2" BD Ultra-fine 1ml Needle (U-100)	100/Box 500/Case
305553	1ml Tuberculin Syringe with Permanently Attached 27g x 1/2" Needle	100/Box 500/Case
305554	1ml Tuberculin Syringe with Permanently Attached 25g x 5/8" Needle	100/Box 500/Case
309606	3ml Syringe only	100/Box 800/Case
309592	3ml Syringe with 25g x 5/8" Needle	100/Box 800/Case
309594	3ml Syringe with 23g x 1" Needle	100/Box 800/Case
309593	3ml Syringe with 22g x 1-1/2" Needle	100/Box 800/Case
309596	3ml Syringe with 22g x 1" Needle	100/Box 800/Case
309595	3ml Syringe with 21g x 1-1/2" Needle	100/Box 800/Case
305558	5ml Syringe only	50/Box 400/Case
305561	5ml Syringe with 21g x 1-1/2" Needle	50/Box 400/Case
305559	10ml Syringe only	50/Box 400/Case
305564	10ml Syringe with 21g x 1-1/2" Needle	50/Box 400/Case



BD Safety-Lok™ Syringe



Do You Know About The Needlestick Safety and Prevention Law?

**Effective April 18, 2001,
The Needlestick Safety and Prevention Law
requires employers to:**

- Evaluate, select and use safety-engineered medical devices to eliminate or minimize occupational exposure.
- Solicit input on the identification, evaluation and selection of safety devices from non-managerial, front-line medical workers.
- Annually review and update their Bloodborne Pathogen Exposure Control Plan to reflect their evaluation and use of safety devices.
- Meet expanded record-keeping requirements, which include maintaining a “sharps” injury log. Note: Physician offices are exempt from this requirement.

The OSHA regulations do not supercede stricter regulations that may exist in states and localities. However, state legislation cannot make the federal requirements any less stringent. JCAHO accreditation requires full compliance to the law.

What do I have to do to be in compliance?

- Update or create a Bloodborne Pathogen Exposure Control Plan.
- Evaluate and implement “safer medical devices as [an] engineering control.” Front-line healthcare workers are to be part of the evaluation and selection process.
- Continuously monitor the effectiveness of engineering controls.
- Review the new Compliance Directive to determine other specific changes necessary for the needs of your facility.

What are “safer medical devices”?

“Safer medical devices” are used to help prevent injuries to healthcare workers before, during or after use through safety-engineered design features. Examples include shielded needle devices, retracting needles and plastic capillary tubes.

How is OSHA enforcing this new law?

OSHA enforces the Needlestick Safety and Prevention Law by conducting on-site inspections and issuing citations and fines when facilities are deemed out of compliance. Each OSHA citation can lead to a fine up to \$7,000, and blatant violations can lead to fines as high as \$70,000. Failure to use a safety product, like a safety hypodermic needle and syringe, can lead to multiple citations.

In short, what does the new legislation accomplish?

The Needlestick Safety and Prevention Law mandates revision of the OSHA Bloodborne Pathogen Standard to clarify the need for employers to select and use safer medical devices, to involve employees in identifying and choosing the devices, and to maintain a log of injuries from contaminated sharps.

When does the new legislation take effect?

- Passed unanimously by Congress and signed by former President Clinton on Nov. 6, 2000, The Needlestick Safety and Prevention Law mandated specific revisions to OSHA’s Bloodborne Pathogens Standard.
- These updated rules became effective on April 18, 2001.

Who has to comply?

Facilities where employees may be exposed to blood or other potentially infectious materials, including:

- Hospitals
- Clinical laboratories
- Physician offices
- Home-infusion companies
- Nursing homes
- Other facilities where employees may be exposed to blood or other potentially infectious materials

We have placed a box of safety products on the shelf to use for select, high-risk situations. Does this make us compliant with the new safety legislation?

No. The legislation requires employees to use safety devices in all cases where safer medical devices are available.

What if we have never had anyone on our staff experience a needlestick injury. Must we still convert to safety devices?

Yes. OSHA standards are intended to prevent occupational injuries and illnesses.

So, when do I have to be in compliance?

- April 18, 2001

Where can I get more information?

- www.osha.gov
- www.jcaho.org
- www.cdc.gov

Self-Paced In-Service Program

Designed to meet your unique training and education needs

The BD Self-Paced In-Service Program provides educational tools and support to help ensure proper use and activation of BD safety-engineered products. The materials are customized to the specific safety products you're planning to use, which enables clinicians to quickly implement safety-engineered devices.

The educational materials provided through this program are complimentary. However, sample product is not included. A limited supply of samples is available for evaluation through BD Inside Sales at 1.800.817.1702.

To receive your Self-Paced In-Service Training Program, obtain an order form from your distributor representative or BD representative and fax it to BD In-Service Materials at 1.201.847.4896. Once we receive your order, we will mail the in-service materials directly to you.

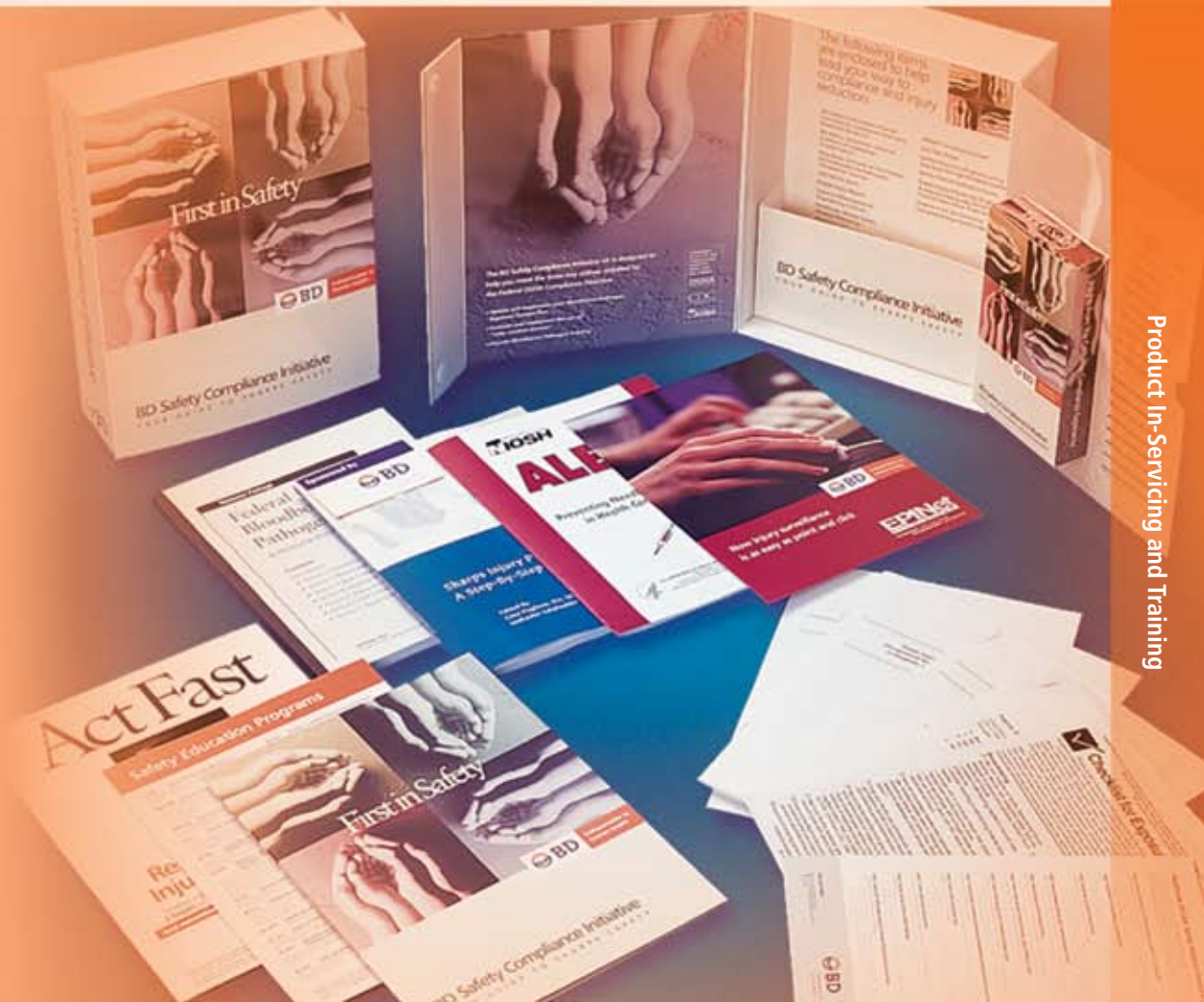
In-service materials will be shipped UPS ground within 72 hours, arriving at your facility within 5 business days.

**Additional information can be obtained by contacting
a BD Sales Consultant or by calling 1.888.383.0118.**

In-service materials include tools such as:

- Videotapes
- Quick-reference pocket cards
- Posters

Along with training materials, the Self-Paced In-Service Program provides a demonstration checklist as documentation of the employee training experience for OSHA Compliance and gives you access to a toll-free hotline for additional support.



Checklist for Exposure Prevention*

Use this checklist to determine your facility's progress in reducing the risk of sharps injuries and bloodborne pathogen exposures to employees.

Are these areas covered?

Blood-drawing

- Implement blood-drawing devices with integrated safety features designed to prevent percutaneous injuries.
- Eliminate unnecessary needles, including needles used for drawing blood from intravenous, arterial, and central lines, which can be replaced by needleless or blunt cannula devices.
- Adopt automatically retracting finger/heelstick lancets in place of manual lancets or non-retracting spring-loaded lancets.
- Switch from glass to plastic micro-bore capillary tubes for measuring hematocrit (or to mylar-wrapped glass capillary tubes, or alternative methods of measuring hematocrit that do not require capillary tubes). See Joint Safety Advisory issued by FDA, OSHA and CDC (2/99).
- Replace glass blood collection vacuum tubes with plastic tubes.
- Advise personnel not to manually recap or remove needles from blood-drawing devices.
- Advise personnel not to reuse blood tube holders, which requires manipulation of a blood-filled needle.
- Discontinue the practice of injecting blood through a stopper into a vacuum tube using an exposed needle.

IV Catheter Placement

- Implement safety IV catheters.

IV Infusion Systems

- Convert to needleless or recessed needle IV systems.

Injection Equipment

- Convert to safety devices for subcutaneous or intramuscular (IM) injections that have integrated safety features such as sliding sleeves, retracting needles, or hinged caps, or to a needleless injection system.
- Specify that syringes should not be used for venous blood drawing, because of increased needlestick risk.
- Eliminate the inappropriate use of conventional or safety syringes to access ports on needleless/recessed needle IV systems.
- Implement safety-designed prefilled syringes, where available.
- Ensure that safety devices are in your custom kit and standard procedure trays.

Surgery

- Replace sharp-tip suture needles with blunt-tip ones, where clinically feasible, and implement alternatives to suturing where applicable, such as stapling, adhesive strips or tissue adhesives.
- Adopt scalpel blades with safety features.
- Adopt alternative cutting methods when appropriate, such as blunt electrocautery and laser devices.
- Avoid manual tissue retraction by using mechanical retraction devices.
- Eliminate all equipment that is unnecessarily sharp.

Additional Specialized Sharps Categories

Implement safety alternatives for specialized areas such as:

- Dialysis (e.g., safety fistula needles).
- Blood banks (e.g., safety segment sampling devices).
- Laboratories (e.g., safety slide preparation devices).
- Nuclear medicine (e.g., syringe shields).

SAFE SHARPS DISPOSAL

Does your facility review sharps collectors as it reviews all other safety engineering controls?

‡ Sharps collectors safety criteria:

- FUNCTIONAL:** Durable, stable, closable, facilitates one-hand disposal with guards that prevent hands from entering. (Counter-balanced doors on patient room collectors.)
- ACCESSIBLE:** Close to point of use, handles for transport, installed according to NIOSH guidelines (correct height and location).
- VISIBILITY:** Fill level easy to determine, clear access to opening (clear tops / translucent bottoms).
- ACCOMMODATION:** Ease of assembly, one-hand operation.

And do you have these?

- Exposure Control Plan
- Sharps Injury Log
- Training

Checklist was adapted from the International Healthcare Worker Safety Center at the University of Virginia website.

TO SEE AN EXPANDED CHECKLIST, visit the Center's website at www.med.virginia.edu/~epinet



* All devices designed to prevent blood exposures should be closely monitored for user and patient safety.

‡ "Selecting, Evaluating and Using Sharps Disposal Containers," CDC / NIOSH Publication 1997-111