

# BD SoloShot™ LX

BCG Auto-Disable Syringe

**Reducing the risk  
of needle reuse**



Helping all people  
live healthy lives



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**Safe • Simple • Effective**

The BD SoloShot™ LX Syringe is designed to prevent the syringe and the needle from being reused. Enhanced feature sets make it the right injection device for both large-scale and routine immunization programs.



## Features:

1. High quality, permanently attached needle
2. Minimal dead space
- 3a. Passive Activation\*Auto-Disable mechanism featuring the patented clip design
- 3b. New and improved, tamper-resistant plunger rod
4. Clear barrel
5. Preset volume limit (0.05ml or 0.1ml) and bold scale markings
6. Small size
7. Individual sterile packaging
8. Low injection/pull forces
9. Affordable price

## Benefits:

1. Greater patient comfort
2. Minimal vaccine waste
3. Highly effective in preventing reuse
4. Easy to see and measure syringe content
5. Accurate dose measurement
6. Environmentally friendly
7. Maintains content sterility when unopened and not damaged
8. Maximizes user efficiency; easily used by vaccinators, regardless of their past experience
9. Improved access to safer technology

## Approvals:

- World Health Organization (WHO)
- CE-Mark (CE-0086) **CE**

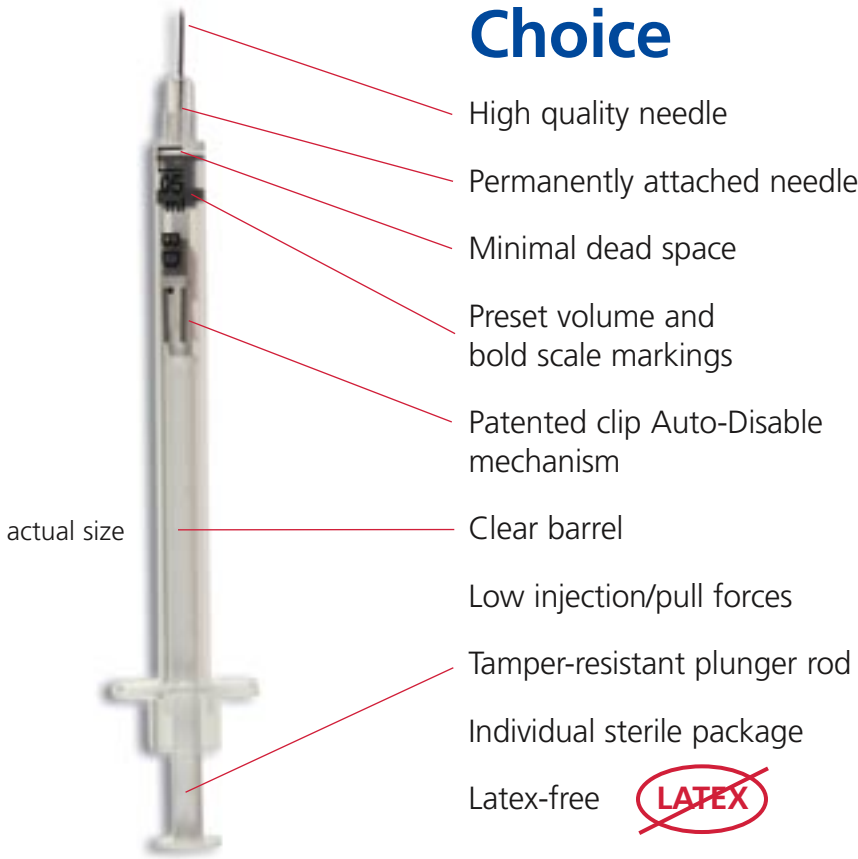
## How to Use:

The BD SoloShot™ LX Syringe is easy to use and requires minimal change in the standard procedure for preparing and administering vaccines:

- Fill syringe to the preset level (0.05ml or 0.1ml), while keeping the needle tip in the fluid at all times.
- Audible click will be heard.
- Plunger cannot be pulled back any further.
- Inject vaccine into patient.
- After injection, the plunger automatically locks and the syringe and needle cannot be reused.
- After use, discard in a container approved for the disposal of used syringes and needles.

\* "Passive Activation" deems the device not reusable by completing one vaccine dose administration or injection. This is different from an "Active Activation" method, which requires the user to actively disable the device following use.

# The Safe Immunization Choice



The Expanded Program on Immunization (EPI) was established by the World Health Organization (WHO) in 1974 to reduce death and disability from vaccine-preventable diseases by making immunization accessible to children throughout the world.

Syringes and needles play an important role in immunizing the world's children. However, the misuse of syringes and needles can potentially lead to the transmission of bloodborne diseases such as Hepatitis B or HIV/AIDS.

To prevent inappropriate reuse of disposable syringes and needles, and to enhance public confidence in the EPI, WHO and the United Nations Children's Fund (UNICEF) sought development of an auto-disable syringe that is automatically rendered non-reusable after a single injection.

The BD SoloShot™ LX syringe is an auto-disable syringe developed in close collaboration with WHO and several international health agencies. Its use in the EPI can help ensure that the syringes and needles used to immunize children do not become vehicles for transmitting infectious disease.

## BD SoloShot™ LX 100 Units Per Pack, 8 Packs Per Case

<b>High Quality Integrated Needle</b>	For greater patient comfort
<b>Dead Space 3.1 Microliters</b>	Minimizes vaccine waste
<b>Average Injection Force 3.5 Newtons</b>	Low forces optimize vaccine administration
<b>Average Aspiration Force 1.9 Newtons</b>	
<b>Clip Auto-Disable Mechanism</b>	Cuts plunger face, scratches barrel, locks plunger, and prevents reuse
<b>Sterilization Method</b>	Gamma Industry Standard
<b>Material Make-up</b>	PS, PP, Stainless Steel
<b>Bold Scale Markings</b>	Facilitates accurate dose measurement
<b>Clear Barrel and Sleeve</b>	Makes syringe content easier to see and measure
<b>Efficient Blister Packaging</b>	Maintains content sterility when unopened and not damaged

# BD SoloShot™ Syringe Family

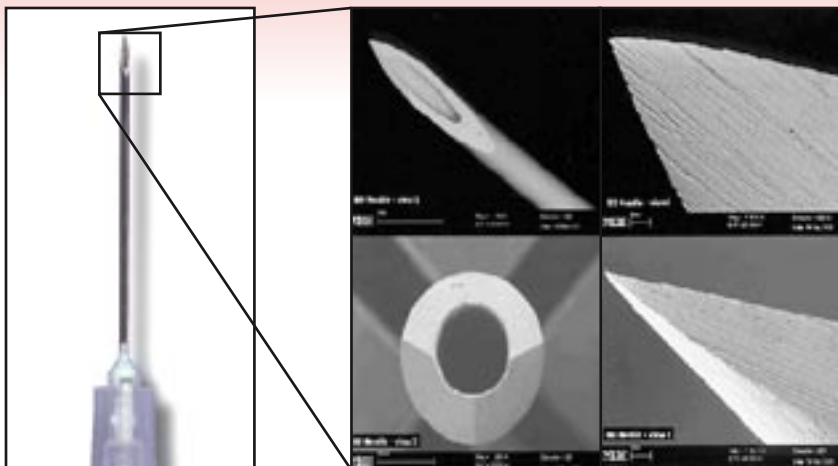
Auto-Disable Syringe

BD™ Needle Bevel and Tip

## Needle Quality

Setting the Standard

Needle tip quality is evident under the microscope. BD's continuous commitment to the highest quality components and manufacturing processes ensures a clinically superior injection device.



## A Complete Range of Auto-Disable Devices

	Catalogue #	Size	Gauge	Needle Length
<b>BD SoloShot™ IX</b>	301860	0.5ml	23G (0.60mm)	1" (25mm)
With ISO colour-coded plunger rod for immunization**	Not Yet Assigned*	0.5ml	24G (0.55mm)	3/4" (20mm)
	301865	0.5ml	25G (0.50mm)	1" (25mm)
	301885 <sup>1</sup>	0.5ml	25G (0.50mm)	1" (25mm)
	301780 <sup>2</sup>	0.5ml	23G (0.60mm)	1" (25mm)
	301887	0.5ml	25G (0.50mm)	5/8" (16mm)
	301888	1.0ml	22G (0.70mm)	1" (25mm)
	Not Yet Assigned*	1.0ml	25G (0.50mm)	1" (25mm)
<b>BD SoloShot™ LX</b>	301792	0.05ml	27G (0.40mm)	3/8" (10mm)
For BCG and other low dose vaccine administrations	301793	0.1ml	27G (0.40mm)	3/8" (10mm)
	302600	0.2ml	27G (0.40mm)	5/8" (16mm)
	303212	0.05ml-0.1ml combo	27G (0.40mm)	3/8" (10mm)
<b>BD Uniject™</b>	471443	0.25ml	25G (0.50mm)	5/8" (16mm)
Prefilled injection device	471412	0.5ml	25G (0.50mm)	5/8" (16mm)
	471508	0.5ml	23G (0.60mm)	1" (25mm)
	471413	0.5ml	23G (0.60mm)	1 1/4" (31mm)
	471414	1.0ml	25G (0.50mm)	5/8" (16mm)
	471415	1.0ml	23G (0.60mm)	1" (25mm)
	471416	1.0ml	23G (0.60mm)	1 1/4" (31mm)
	471458	1.0ml	22G (0.70mm)	1 1/2" (38mm)

\*Please consult your local sales representative for product availability.

\*\* ISO colour codes for needle gauges: black for 22G, blue for 23G, purple for 24G and orange for 25G

1) With Chinese graphics

2) With Measles Initiatives Logo

## Making a World of Difference

As the world's leading manufacturer of injection devices, BD is closely tied to the success of immunization programs worldwide. We are dedicated to the continuous promotion of safe injection practices.

We have locations across the world that link BD to geographic, cultural and political challenges posed by immunization efforts.

BD is committed to innovative and safe vaccine delivery technologies, and would like new improvements to reach and benefit people all around the world, helping all people live healthy lives.

Visit us at: [www.bd.com/immunization](http://www.bd.com/immunization)

## Selected Soloshot™ IX Products



1 Becton Drive, MC204  
Franklin Lakes, NJ 07417  
tel: 201.847.5891  
fax: 201.847.4845

30 Tuas Avenue 2  
Singapore 639461  
tel: 65.6861.0633  
fax: 65.6860.1593

Denderstraat 24 B-9320  
Erembodegem Aalst  
Belgium  
tel: 32.53.720211  
fax: 32.53.720200

Carretera General San Martin 16500  
Sitio 33, Colina  
Santiago, Chile  
tel: 562.460.0380  
fax: 562.460.0306

Unit 401-403, 318 Pidemco Tower  
318 Fuzhou Road  
Shanghai, People's Republic of China  
tel: 86.21.6391.2678  
fax: 86.21.6391.2698

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South City I, Gurgaon 122001  
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