

BD safety solutions

The economic and emotional burden of needlestick injuries (NSIs)



18,730
NSIs occur in
Australia every year¹



Injection procedures
account for



Testing and associated staff
time can cost up to
\$256 per NSI⁴



Counselling is often sought
following a NSI, each session can
cost up to **\$105**⁵



The cost of staff
absence is up to
\$4,032 per NSI⁶



1 in 4
nurses in long term
care (LTC) have
suffered from NSI in
nursing homes^{7^}



Estimated lifetime treatment
costs of a newly HIV-infected
person in Australia is over
\$173,000²
The annual treatment cost of
HCV to the Australian
Government has been
estimated to be around
\$252 million per year²

BD safety solutions, along with training and education,
have been proven to reduce the risk of needlestick injuries

70% reduction in NSIs
with the introduction of
BD SafetyGlide™ needle
and **BD™ Blunt Fill Needle**^{8*}

67% reduction in NSIs
with the introduction of
BD AutoShield Duo™
to inject diabetes medication^{9*#}

BD safety solutions

BD Microtainer® Contact-Activated Lancet

Designed with a positive patient experience in mind.

Low flow

Ref: 366592
Depth: 1.5mm
Needle: 30 G



Medium flow

Ref: 366593
Depth: 1.8mm
Needle: 21 G



High flow

Ref: 366594
Depth: 2.0mm
Width: 1.5mm (blade)



Ergonomic design

Provides user comfort with an ergonomic design for a comfortable grip.

Clear visibility

The lancet covers only a small contact area, which allows visibility of the desired puncture site.

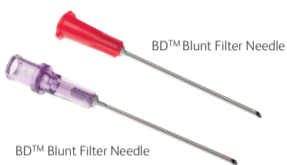
Easy sampling

It activates only when positioned and pressed against the skin, facilitating a consistent puncture depth for easy sampling.

Intuitive procedure

Intuitive procedure and safety design prevents reuse, reducing the possibility of patient and clinician harm.†

BD safety hypodermic solutions



BD™ Blunt Fill Needle and BD™ Blunt Filter Needle

Designed to reduce NSI and contamination risks and standardise clinical practice



BD SafetyGlide™ Needle

Gliding technology: Where safety meets performance



BD Eclipse™ Needle

Designed for one-handed activation and ease of use



BD Integra™ Syringe

Featuring retracting technology

The first pen needle with passive dual-ended safety

On the patient end, a **red** indicator confirms the safety mechanism has been activated. On withdrawal from the skin, the shield at the patient end will lock.



On the cartridge end, protection is confirmed when the **orange** shield deploys and covers the needle upon removal from the pen.

Inject diabetes medication more safely™



BD AutoShield Duo™ Safety Pen Needles reduce the risk of NSIs and the transmission of blood-borne diseases when administering insulin.



BD AutoShield Duo™ Safety Pen Needle. 0.30mm (30G) x 5mm. Box of 100
Product Reference: 329505

BD AutoShield Duo™ Safety Pen Needles are compatible with leading diabetes medication pen devices.†



BD offers customised clinical training and product support



Together
we can help create a culture of safety

Contact your BD Account Manager or BD Customer Service on 1800 656 100 to discuss how BD safety solutions can significantly reduce the risk of NSIs at your facility.

References: 1. Murphy C. *Healthc Infect.* 2008;13(2): 33-37. 2. Medical Technology Association of Australia (MTAA). Value of Technology: Needlestick and Sharps Injuries and Safety-Engineered Medical Devices. North Sydney, Australia: MTAA; 2013. 3. International Safety Centre. EPINET report for needlestick and sharp object injuries, 2013. 4. Professor Graves was engaged to synthesise values from the literature, existing data sources and from consultations with experts. This is the cost based on 30-60 minutes with a trained nurse counsellor. 5. Professor Graves was engaged to synthesise values from the literature, existing data sources and from consultations with experts. This is the cost of staff absence for a high risk NSI with 14 lost work days. 6. Professor Graves was engaged to synthesise values from the literature, existing data sources and from consultations with experts. This is the cost of staff absence for a high risk NSI with 14 lost work days. 7. Fascia P, Khouider N, Fine A, et al. Risks of needlestick injuries in nursing homes for dependent seniors: myth or reality? Poster presentation, ICPI 2015. 8. Adams D and Elliott TS. *J Hosp Infect.* 2006; 64(1): 50-55. 9. McAlister M and Gartland C. *Aust Nurs Midwifery J.* 2019; 26(8): 18-21

† Compared to when healthcare professionals were using conventional devices. ‡ Based on a study conducted in France. # Based on a study conducted in Australia at a 359 patient-bed hospital providing a large range of acute medical and surgical services. † as at August 2020. ‡ Compared to non-safety, non-retracting lancets. † Compared to non-safety pen needles.

Becton Dickinson Pty Ltd. Toll free: 1800 656 100

bd.com

BD, the BD Logo, AutoShield Duo, Eclipse, Integra, Microtainer and SafetyGlide are trademarks of Becton, Dickinson and Company or its affiliates. © 2020 BD. All rights reserved. BD-19690.

