



# BD™ Blunt Filter Needle

Safely bridging the gap between  
preparation and administration

Which glass would you rather drink from?



# The Risk

As many as half the injections drawn up from glass ampoules can be contaminated with pieces of glass<sup>1</sup>

## Particulate Contamination

Glass ampoules can produce up to 100 particles of different sizes<sup>1</sup>, which can lead to infusion related phlebitis<sup>2</sup> or the transfer of bacteria, if the ampoule surface is not properly disinfected<sup>3</sup>

22G spinal needles<sup>4</sup> and 21G hypodermic needle appear not to be effective in preventing aspiration of particulates<sup>5</sup>

**A 5µm filter can reduce the number of aspirated particles by 98-99%<sup>1</sup>**

## Needlestick injury

Reducing the number of sharps in any medication delivery process may help to reduce the likelihood of accidental needlestick injuries.



Glass ampoule being snapped open

# A Solution

The BD™ Blunt Filter offers an even balance of safety for both healthcare worker and patient alike when drawing up from glass ampoules.

## Patient Safety

The BD™ Blunt Filter Needle has a 5µm filter to filter out particles such as, glass shards and plastic fragments, for safer medication delivery.

## Healthcare Worker Safety

The BD™ Blunt Filter Needle requires 10 x more puncture penetration force than a conventional sharp needle in order to penetrate the skin, therefore reducing the chances of needlestick injuries.



### References:

- 1) Sabon R.L., et al., Anaesthesiology, 70 (1989); p.859-862; 10ml ampoules
- 2) Waller D.G., George C.F., British Medical Journal, 292 (1986); p.714-715
- 3) Kempen P.M., et al., Critical Care medicine, 17 (1989); p.812-813
- 4) Furgan F.A., Anaesthesiology, 41 (1974); p.525; 2ml ampoules
- 5) Preston ST, K Hegadoren K. Glass contamination in parenterally administered medication. J Adv Nursing. 2004; 48:266-270

BD, Terre-Bonne Park – A4,  
Route de Crassier 17,  
CH 1262 Eysins, Switzerland  
Tel: +41 21 556 30 00

[bd.com](http://bd.com)

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### BD™ Blunt Filter Needle

Gauge Size	Outer Diameter (mm)	Length (mm)	Length (inch)	Bevel	Color Code	Shelf Box / Shipping Case	Reference Number
18 G	1.2	40	1 1/2"	Blunt	Purple	100 / 1000	305211

