



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 glass¹

Particulate Contamination

Glass ampoules can produce up to 100 particles of different sizes¹, which can lead to infusion related phlebitis² or the transfer of bacteria, if the ampoule surface is not properly disinfected³

22G spinal needles⁴ and 21G hypodermic needle appear not to be effective in preventing aspiration of particulates⁵

A 5µm filter can reduce the number of aspirated particles by 98-99%¹

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

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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

