Have you or a colleague ever been stuck by a contaminated needle? The chances are high that you have!

At an average hospital, workers suffer from approximately 30 needlestick injuries per 100 hospital beds per year. Most common causes of sharp injuries are unexpected patient reactions, shortage of staff, rushing, distraction, collision with another healthcare worker or passing equipment. 

These injuries may cause a number of serious and potentially fatal transmissions of hepatitis B or C viruses (HBV, HCV), or human immunodeficiency virus (HIV). 

These factors cannot be controlled. Accidental needlestick injuries can happen to anyone!

Safety devices reduce the risk of a needlestick injury by 22%–100%. 

Safety devices prevent the risk of blood-borne infections annually (HBV, HCV, HIV). 

In fact, nearly 90,000 healthcare workers worldwide contract human immunodeficiency virus (HIV) annually. 

Thermoplastics (HDPE, PP, PVC, EVA) 

The packaging is equipped with a clearly visible color code for a fast and easy identification of the suitable gauge size and quick differentiation between product variations.

Hepatitis B – 1 in 3

Hepatitis C – 1 in 30

HIV – 1 in 100

Easy Identification

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EnviroSpec® Catheter Material

Catheterø (mm)

Catheter Length (mm)

Flow Rate (ml/hour)

Flow Rate (ml/min)

Stylet/Mandrin Code No.

Catheter Diameter (inch)

Stylet/Mandrin

Product Specifications

See the statistics: Blood-borne pathogen transmission.


Double Flashback Technology: 
- Helps ensure first stick success and patient comfort through quick visualization of both needle and catheter flashback.
- Promotes best practices by reducing the need to remove and reinsert the needle in order to confirm catheter placement, as may occur with other notched needle/crimped needle systems.

Double Flashback Technology clearly indicates correct catheter placement and the success of the venipuncture. This safe confirmation maximizes your confidence!

User benefits:
- Easy puncture at a wide range of angles
- Minimum effort of catheter insertion
- Self-activating Safety Shield — covers needle tip automatically after use
- Simplicity — looks and feels like a standard cannula

The Safety Shield of Intracan Safety®
- Requires no user activation — no button, twists or clicks
- Automatically covers needle tip upon needle withdrawal
- Cannot be bypassed
- Eliminates risk of inadvertent activation during handling
- Stays in place through disposal

The Passive Safety Shield protects the needle tip without any additional steps.

Passive Safety Technology — Established worldwide:
B. Braun has minimized the risk of accidental needlestick injuries globally with more than 1 billion B. Braun Safety IV Catheters in use. 
- 1 000 000 000 times protection against sharp injuries
- 1 000 000 000 times protection against infestations like HIV
- 1 000 000 000 times protection against fear and uncertainty

Passive Safety Technology is incorporated into the Intracan Safety® IV Catheter via an integrated fully automatic Safety Shield which protects the needle tip to prevent needlestick injuries.

A recent study confirmed that passive safety-engaged devices create significantly better protection for healthcare workers than those that require the user to activate the safety feature.4

In fact, passive safety devices were associated with the lowest needlestick injury rate and are most effective for needlestick injury prevention.5

The B. Braun Introcan Safety® IV Catheter
Reduces Needlestick Injuries
Ensures Best Practice
Every product detail is designed for Best Practice:

- Universal Back Cut Bevel
- Wide choice of insertion angles aids in accessing difficult veins
- Super-sharp needle bevel offers a reduction in pain due to lower forces
- Creates a V-shaped, tricuspid incision versus a lancet cut for easier catheter insertion, less tissue tearing, faster healing and reduced risk of infection

- Easy to use:
  - No extra steps needed to prepare the catheter for insertion

- Catheter Material
  - Assures easy and smooth catheter advancement
  - Available in polyurethane (PUR) for softer, more comfortable, longer in-dwelling performance and kink resistance, or FEP with tricuspid incision for arterial access. All are PVC-, DEHP- and Latex-free
  - Radiopaque stripes for good visibility under X-rays

- Wings
  - Easy fixation

- Push-Off Plate
  - Facilitates one-handed catheter advancement
  - Minimizes incidence of catheter hub touch contamination
  - Indicates needle bevel orientation

- Flashback Chamber
  - Transparent flashback chamber allows quick visualization of blood
  - Rapid confirmation of vein access

- Removable Flash Plug
  - Permits attachment of a syringe for aspiration or other special procedures

Easy to use:
- 1 000 000 000 times protection against sharp injuries
- 1 000 000 000 times protection against HIV
- 1 000 000 000 times protection against fear and uncertainty

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