Vasofix® Safety

1 billion times protection
The B. Braun Vasofix® Safety IV Catheter

Reduces Needlestick Injuries

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 sharps injuries
- 1 000 000 000 times protection against infections like HIV
- 1 000 000 000 times protection against fear and uncertainty

Passive Safety Technology is incorporated into the Vasofix® 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 engineered devices create significantly better protection for healthcare workers than those that require the user to activate the safety feature.6

In fact, passive safety devices were associated with the lowest needlestick injury rate and are most effective for needlestick injury prevention.6

The Safety Shield of Vasofix® 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.
Double Flashback Technology helps ensure first stick success and patient comfort through quick visualization of both needle and catheter flashback.

- 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!

- **Needle Flash**: 1st flashback confirms the needle is in the vein.
- **Catheter Flash**: 2nd flashback confirms the catheter is in the vein.

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**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
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

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 firmer construction for arterial access. All are PVC-, DEHP- and Latex-free
- Radiopaque stripes for good visibility under X-rays

Flexible Wings
- Moderate wing size for easy and stable fixation
- Flexible wings adapt to skin surface for highest patient comfort
- Holes for ventilation

Hygienic Injection Port
- Quick and easy injection without interruption of infusion
- Needle-free injection eliminates any risk of a needlestick injury
- Grip edges for an easy opening
- Possibility to close-off injection port to inhibit patient’s access by turning the protective cap 180 degrees

Flashback Chamber
- Transparent flashback chamber allows quick visualization of blood
- Rapid confirmation of vein access
- Ergonomic grip design for a comfortable handling

Removable Flash Plug & Removable Closing Cone
- Hydrophobic membrane avoids blood exposure
- Removable Flash Plug permits attachment of a syringe for aspiration and other special procedures
- Removable Closing Cone allows to directly close off the catheter with one hand

Easy to use:
No extra steps needed to prepare the catheter for insertion
Prevents the risk …

... of accidental injuries

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.2

Most common causes of sharp injuries are unexpected patient reactions, shortage of staff, rushing, distraction, collision with another healthcare worker or passing equipment.3,4

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

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).4
In fact, nearly 90,000 healthcare workers worldwide contract blood-borne infections annually (HBV, HCV, HIV).5

Safety devices reduce the risk of a needlestick injury by 22%–100%.6

Consider – not all safety devices can protect you!

Main reasons for a needlestick injury with safety devices:6

- Safety mechanism has to be activated by the user
- Risky activation procedure
- Incomplete activation
- User noncompliance

Risk of being infected from a contaminated needlestick injury7
See the statistics: Blood-borne pathogen transmission.

<table>
<thead>
<tr>
<th>Disease</th>
<th>Risk</th>
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<tbody>
<tr>
<td>Hepatitis B</td>
<td>1 in 3</td>
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<tr>
<td>Hepatitis C</td>
<td>1 in 30</td>
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<tr>
<td>HIV</td>
<td>1 in 300</td>
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These risks can be prevented by using a Passive Safety device such as Vasofix® Safety
# Product Specifications

**Easy Identification**

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.

<table>
<thead>
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<th>Vasofix® Safety Article Code EU</th>
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<th>PUR</th>
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<tr>
<td>Catheter length (mm)</td>
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<tr>
<td>Catheter ø (mm)</td>
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<tr>
<td>Flow Rate (ml/min)</td>
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Sales unit: 200 pcs. (4 boxes x 50 pcs.)