

Introcan Safety[®]

Passive Safety Technology

B | BRAUN
SHARING EXPERTISE



Introcan Safety[®]

The safety IV catheter with automatic needlestick protection

Making IV access ...

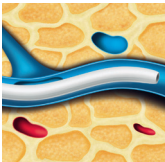
... comfortable for patients

The catheter material assures an easy and smooth catheter advancement for a high patient comfort. Available in **PUR** (polyurethane) for softer, more comfortable, longer indwelling performance⁶ and kink resistance, or **FEP** with firmer construction for arterial access.



Radiopaque stripes

- Radiopaque stripes for good visibility under X-rays



PUR

- Soft at body temperature
- Proven to have positive impact on indwell time and phlebitis risk⁶

Removable flash plug

- Hydrophobic membrane avoids blood exposure
- Removable flash plug permits attachment of a syringe for aspiration and other special procedures



... convenient for patients

The unique geometry of the universal back cut bevel aids in accessing difficult veins by providing a highly flexible pathway for easy catheter insertion with less tearing.²

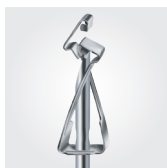


Universal back cut bevel

- Wide choice of insertion angles
- Designed for minimal puncture trauma²
- Insertion with less tissue tearing (V-cut)²

... less risk for clinicians

Needlestick injuries (NSI) continue to be one of the highest risks clinicians face during their daily routine: 62% of NSI occur after use, during disposal.⁴ Studies show that passive, fully automatic safety devices are most effective in NSI prevention.^{1,5} With B. Braun's Introcan Safety®, clinicians are protected by a truly automatic safety device.



Passive safety shield

- Deploys automatically
- Cannot be bypassed
- Requires no user activation

... easy to use

Designed to enhance usability during intravenous procedures.

Push-off plate

- Facilitates comfortable and one-handed catheter advancement
- Minimizes incidence of catheter hub touch contamination
- Indicates bevel orientation

... more successful

Multiple attempts to establish an IV access can lead to a delay in treatment. The double flashback technology of Introcan Safety® helps to support first stick success³ through quick visual confirmation that both – needle and catheter – are successfully in the vein.⁷



Needle-flash



Catheter-flash

Double flashback technology

- Supports first stick success³
- Needle-flash confirms needle is in the vein
- Catheter-flash confirms catheter placement⁷

Power injectable

Suitable with power injectors set at a maximum pressure of 300 PSI (G18-G24).



User benefits:

- Fully automatic passive safety protection
- Easy puncture at wide range of angles
- Minimum effort of insertion
- Double flashback technology to provide a quick visual confirmation of vein puncture

Introcán Safety®

Product overview

Introcán Safety®	Gauge	Catheter length		Catheter ø (mm)	Flow rate (ml / min)	Units per box	Product code
		(inch)	(mm)				
	24	3/4	19	0.70	22	CAR 200	4251601-03
	22	1	25	0.90	35		4251628-03
	22	1 3/4	45	0.90	26		4252520-01
	20	1	25	1.10	65		4251652-03
	20	1 1/4	32	1.10	60		4251644-03
	20	1 3/4	45	1.10	57		4252527-03
	18	1 1/4	32	1.30	105		4251687-03
	18	1 3/4	45	1.30	100		4251679-03
	16	1 1/4	32	1.70	215		4251709-01
	16	2	50	1.70	210		4251695-03
	14	1 1/4	32	2.20	350		4251890-03
	14	2	50	2.20	345		4251717-03

* Catheter material.

All products are PVC-, DEHP- and Latex/Natural Rubber-free

Literature

1. Tosini W, Ciotti C, Goyer F, Lolom I, L'Heriteau F, Abiteboul D, et al. Needlestick Injury Rates According to Different Types of Safety-Engineered Devices: Results of a French Multicenter Study. *Infect Control Hosp Epidemiol.* 2010 Apr;31(4): 402-7.
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3. Moergeli et al. A comparison of first attempt cannulation success of peripheral venous catheter systems with and without wings and injection ports in surgical patients—a randomized trial. *BMC Anesthesiology.* 2022 (88): 1-11.
4. Jagger J, Bentley MB. Injuries from vascular access devices: high risk and preventable. Collaborative EPINet Surveillance Group. *Journal of Infusion Nursing.* 1997 Nov-Dec;20(6 Suppl): S33-9.
5. Sossai D. et al. Efficacy of safety catheter devices in the prevention of occupational needlestick injuries: applied research in the Liguria Region (Italy). *J Prev Med Hyg.* 2016; 57: E110-E114.
6. Maki D.G. Ringer M. Risk Factors for infusion-related Phlebitis with Small Peripheral Venous Catheters: A randomized Controlled Trial. *Ann Intern Med.* 1991 May 15; 114(10): 845-54.
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B. Braun Australia Pty Ltd | Level 2, 4 Burbank Place, Norwest NSW 2153, Australia |

Tel.1800 251 705 | info.au@bbraun.com | www.bbraun.com.au

B. Braun New Zealand | Level 8, 139 Quay Street, Auckland, 1010, New Zealand |

Customer Care 0800 227 286 | Fax (09) 373 5601 | www.bbraun.co.nz

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