



Introcan Safety[®] 3 Closed IV Catheter

Helps Reduce Complications and
Environmental Impact

Introcan Safety[®] 3 Closed IV Catheter

Helps Reduce Complications and Environmental Impact

Introcan Safety[®] 3 is a non-ported Closed IV Catheter with self-activating needlestick injury protection and multi-access blood control septum that helps protect against blood exposure.

BLOOD CONTROL SEPTUM

- Minimises exposure to blood
- Reduces clean up time

POLYURATHANE CATHETER

- For a softer more comfortable indwelling performance^{1,2,3}

Not made with DEHP, Latex/Natural Rubber or PVC

STABILISATION PLATFORM

- Improves catheter stability and minimises catheter movement in vessel

UNIVERSAL BACK CUT BEVEL

- Creates a V shaped tricuspid incision for smoother catheter insertion
- Wide choice of insertion angles
- Helps to reduce pain due to lower forces⁴

CLEAR FLASHBACK CHAMBER

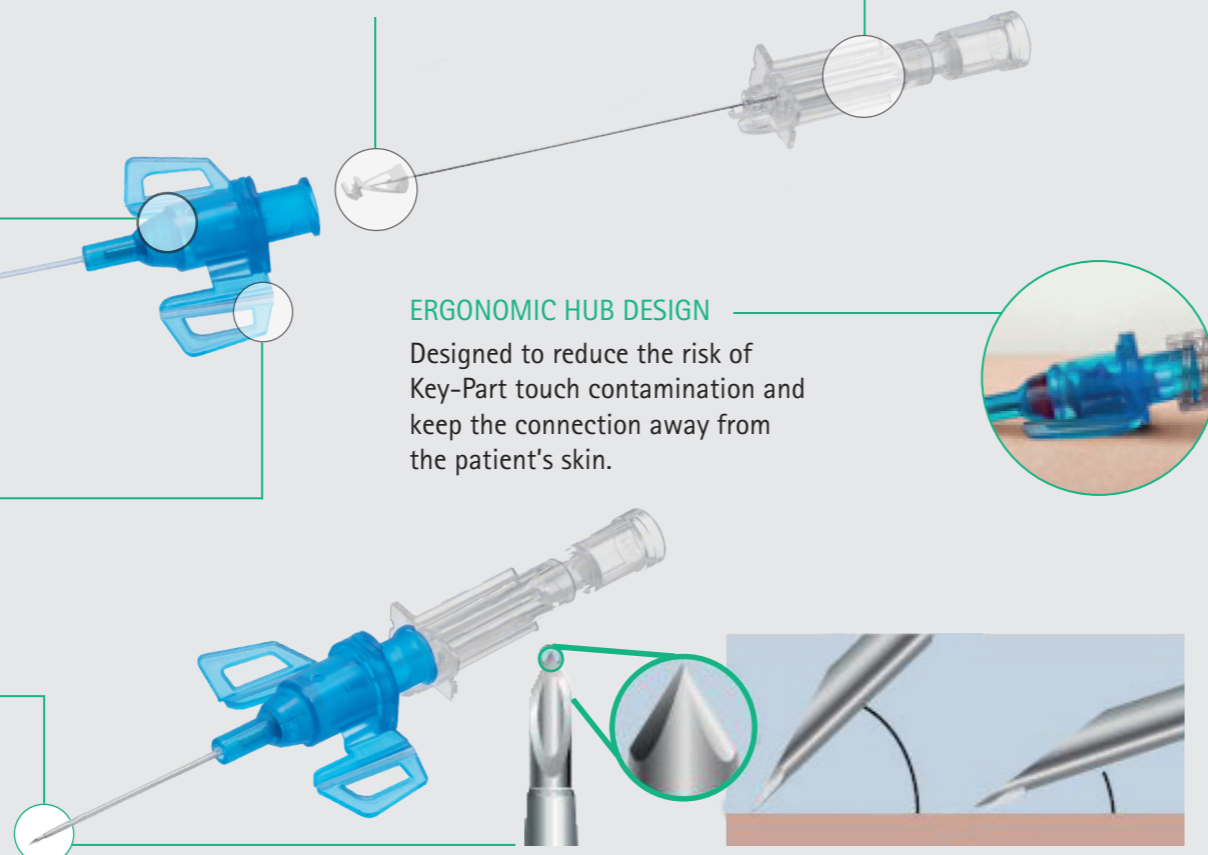
- Allows easy visibility of blood return

AUTOMATIC SAFETY SHIELD TECHNOLOGY

- Aids in the prevention of needlestick injuries

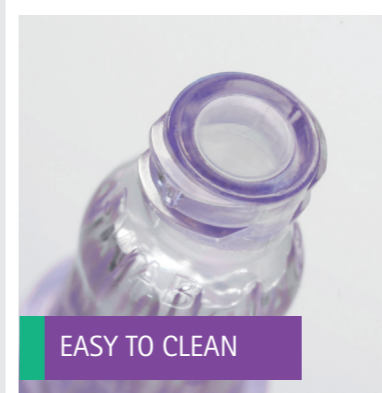
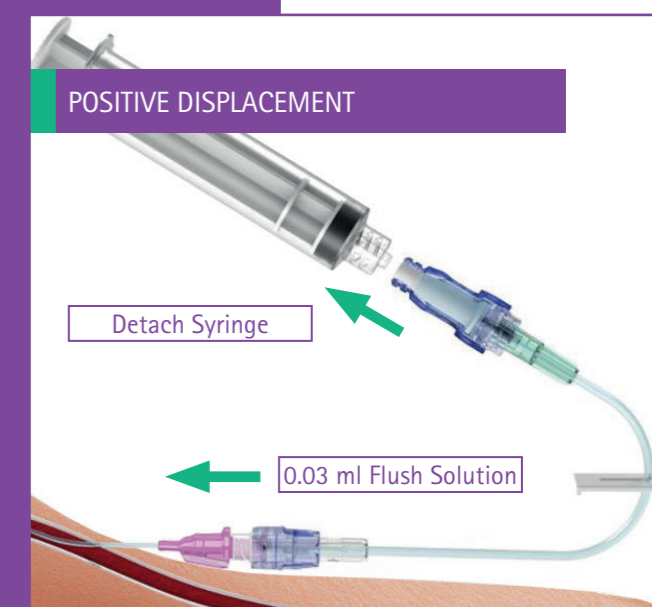
ERGONOMIC HUB DESIGN

Designed to reduce the risk of Key-Part touch contamination and keep the connection away from the patient's skin.



Connect with Caresite[®]

Positive displacement technology delivers an automatic bolus of flush solution, upon disconnection of a flush syringe, helping to prevent blood reflux and promote catheter patency.



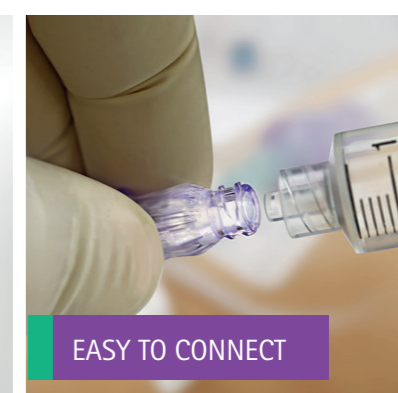
EASY TO CLEAN

The smooth, flat access surface permits thorough and easy disinfection helping to prevent microbial ingress⁵.



EASY TO INSPECT

The clear outer housing provides complete visibility of the fluid path, allowing for easy inspection and confirmation of successful flushing.



EASY TO CONNECT

The easy grip barrel is ergonomically designed to minimise finger slips and the risk of Key-Part touch contamination.

...Introcan Safety[®] 3 reduces blood transfer onto dressings, pillowcases and users gloves. A great clean, cost effective device appreciated by patients admired by nurses.

Carol McCormick, Clinical Interventions Team Manager, Clatterbridge Cancer Center NHS Foundation Trust

Introcan Safety® 3 Closed IV Catheter

Reduces Complications and Environmental Impact

REDUCES RISK OF PIVC-RBSI

Injection ports were the primary point of microbial colonisation in **79%** of contaminated cannulae⁶.



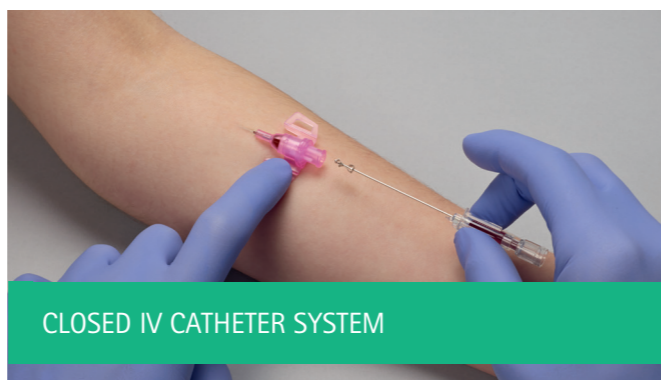
NON-PORTED

Introcan Safety® 3 is a non-ported Closed IV Catheter. The absence of an injection port helps reduce the risk of microbial ingress which could be responsible for peripheral intravenous catheter related blood stream infections (PIVC-RBSI)⁶.

By attaching the Caresite® needlefree extension to Introcan Safety® 3, you have a smooth, flat access surface which supports easy disinfection and reduces the risk of microbial ingress⁶.

REDUCES BLOOD EXPOSURE

100% reduction in blood exposure when using Introcan Safety® 3 with self-activating, multi-access, blood control septum^{7*}.



CLOSED IV CATHETER SYSTEM

Introcan Safety® 3 features a multi-access blood control septum which automatically closes the distal end of the cannula when the needle is withdrawn from the hub, and re-opens upon attachment of a luer connector. The automatic closing of the multi-access blood control septum helps to prevent:

- Blood exposure and splashing, reducing the risk of mucocutaneous transmission of a blood borne virus
- Blood spillage, requiring materials and time to clean
- Microbial ingress⁸, reducing the risk of a PIVC-RBSI

*when used as intended

REDUCES MANIPULATION

Over **6 million** patients per annum receive a CT scan⁹.



SUITABLE FOR USE WITH PRESSURE INJECTORS UP TO 325PSI

Attaching a needlefree extension to the hub of Introcan Safety® 3 moves manipulation away from the insertion site reducing the risk of phlebitis.

Combining Introcan Safety® 3 with Caresite®, ensures that the whole system is compatible with pressure injectors, preventing unnecessary disconnections and reconnections at the catheter hub for the high numbers of patients that also require a CT scan.

REDUCES ENVIRONMENTAL IMPACT

Unnecessary waste disposal is **halved**¹⁰



NEEDLEFREE SUPPLIED SEPARATELY

As more than a quarter of peripheral IV catheters are not successfully inserted first time¹¹, Introcan Safety® 3 and Caresite® are supplied separately, meaning only the PIVC and the sharp need to be disposed of following an unsuccessful attempt and not the Carseite® needlefree extension. This supports the reduction in unnecessary plastic and sharps waste.

Clinical Support



The B. Braun team work in partnership with you to provide continuous support and education throughout the life of the products you purchase from us.

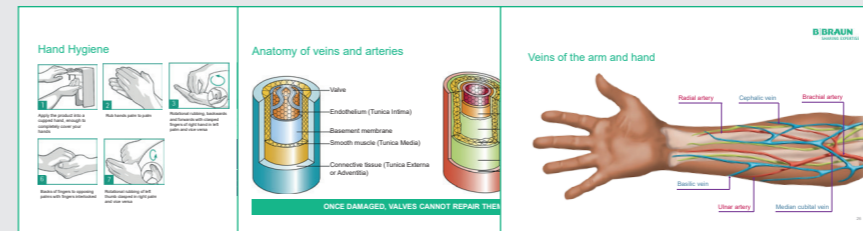
When you choose to introduce Introcan Safety® 3 Closed IV Catheter into your organisation, our dedicated team of Clinical Therapy Specialists will provide you with complimentary ongoing clinical education support, tailored to your requirements.



PERIPHERAL INTRAVENOUS CANNULATION TRAINING

B. Braun offers accredited cannulation theory training which covers the following topics:

- Legal, Professional and Ethical Issues
- Infection Control
- Principles of Aseptic Non Touch Technique (ANTT)
- Anatomy and Physiology
- Vein and Device Selection
- Managing and Preventing Complications

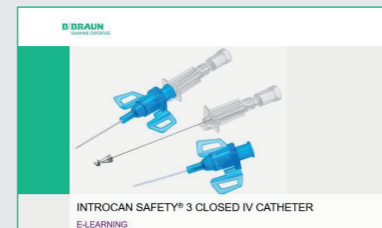


Upon completion of the cannulation theory training, our Clinical Therapy Specialists will facilitate a practical training session, providing participants with the opportunity to practice the cannulation procedure on a model arm.

E-LEARNING

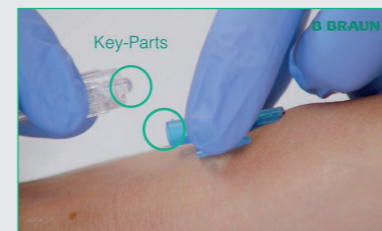
Access is provided to our Introcan Safety® 3 e-learning module which covers:

- Overview of Aseptic Non Touch Technique
- Introduction to Introcan Safety® 3 Closed IV Catheter
- Clinical Demonstration
- Knowledge Check
- Frequently Asked Questions

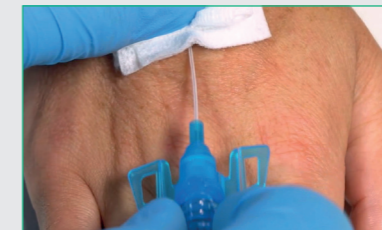


CLINICAL DEMONSTRATION VIDEOS

Access is provided to clinical demonstration videos showcasing insertion and removal of Introcan Safety® 3 in accordance with best practice guidelines and the principles of ANTT

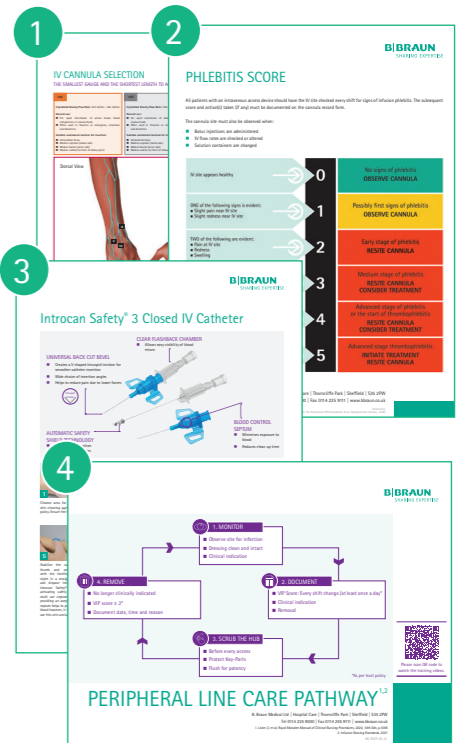


Insertion Clinical Demonstration Video



Removal Clinical Demonstration Video










EDUCATION AWARENESS POSTERS






1. Vein and Cannula Selection
2. Phlebitis Score
3. Step by Step Handling Guide
4. Peripheral Line Care Guide

Ordering Codes

Introcan Safety® 3 Closed IV Catheter

Gauge	Length		Gravity Flow Rate ml/min	Power Injection Flow Rates		Units (Per Box)	Reference Number	NHS Supply Chain
	mm	inch		Contrast Media Viscosity (mPa*s)	Flow Rate (ml/sec)			
24G 	19	0.75	22	2.3 27.5	5.0 2.5	50	4251127-01	FSP2618
22G 	25	1.0	35	2.3 27.5	8.0 3.5	50	4251128-01	FSP2619
20G 	25	1.0	65	2.3 27.5	10.5 4.0	50	4251129-01	FSP2620
20G 	32	1.25	60	2.3 27.5	10.5 4.0	50	4251130-01	FSP2621
20G 	50	2.0	55	2.3 27.5	10.5 4.0	50	4251137-01	FSP4263
18G 	32	1.25	105	2.3 27.5	14.0 5.0	50	4251131-01	FSP2622
18G 	45	1.75	100	2.3 27.5	14.0 5.0	50	4251132-01	FSP2623
16G 	32	1.25	195	2.3 27.5	15.5 5.5	50	4251136-01	FSB1931
16G 	50	2.0	185	2.3 27.5	15.5 5.5	50	4251133-01	FSB1930
14G 	50	2.0	310	2.3 27.5	16.5 5.5	50	4251134-01	FSB2277

Caresite® Needlefree Connection

Description		Length (cm)	Priming Volume (ml)	Tubing Inner Ø (mm)	Power Injection	Latex Free	DEHP Free	Quantity (per box)	Reference Number	NHS Supply Chain
Caresite® needlefree valve		-	0.22	-	400 psi	✓	✓	100	415122-01	FSW736
Caresite® needlefree single extension		20	0.5	1.3	300 psi	✓	✓	100	470100-01	FSB1939
Caresite® needlefree double extension		13	0.9	1.3	300 psi	✓	✓	100	470200-01	FSB2385

B. Braun Medical Ltd | Thorncliffe Park | Sheffield | S35 2PW
Tel. 0114 225 9000 | Fax 0114 225 9111 | www.bbraun.co.uk

XX-IS3B-03-24

REFERENCES

- 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.
- Kuş B. Büyükyılmaz F. Effectiveness of vialon biomaterial versus Teflon catheters for peripheral intravenous placement: A randomized clinical trial. *Japan Journal of Nursing Science.* 2020;2
- Stanley M.D, Meister E, Fuschuber K. Infiltration during intravenous therapy in neonates: comparison of Teflon and Vialon catheters. *South Med J.* 1002 Sep, 85(9):883-95.
- Suzuki T, Fukuyama H, Nishiyama J, Oda M, Takahashi M. Differences in Penetration Force of Intravenous Catheters: Effect of Grinding Methods on Inner Needles of Intravenous Catheters. *Tokai J Exp Clin Med.* 2004; 29(4): 175-181.
- Juhlin D, Hammarskjöld F, Mernelius S, Taxbro K, Berg S. Microbiological colonization of peripheral venous catheters: a prospective observational study in a Swedish county hospital. *Infect Prev Pract.* 2021 Jun 7;3(3):100152. doi: 10.1016/j.infpip.2021.100152. PMID: 34458717; PMCID: PMC8379694.
- Haeseler, G., M. Hildebrand, and J. Fritscher, Efficacy and Ease of Use of an Intravenous Catheter Designed to Prevent Blood Leakage: A Prospective Observational Trial. *The Journal of Vascular Access,* 2015. 16(3): p. 233-236.
- Casey A, Karpanen T, Nightingale P, Elliott T. An in vitro comparison of microbial ingress into 8 different needleless IV access devices. *J Infus Nurs.* 2015 Jan-Feb;38(1):18-25. doi: 10.1097/NAN.0000000000000082. PMID: 25545971.
- Data on file
- <https://www.england.nhs.uk/statistics/wp-content/uploads/sites/2/2020/10/Annual-Statistical-Release-2019-20-PDF-1.4MB.pdf>
- Data on file
- Carr PJ, Rippey JCR, Cooke ML, et al. Factors associated with peripheral intravenous cannulation first-time insertion success in the emergency department. A multicentre prospective cohort analysis of patient, clinician and product characteristics. *BMJ Open.* 2019;9(4):e022278. Published 2019 Apr 2. doi:10.1136/bmjopen-2018-022278