# Introcan Safety® Deep Access

## Longer Length for Longer Dwell

B BRAUN
SHARING EXPERTISE

# Peripheral IV Catheter Failure

Accepted but Unacceptable[1]

Up to **90%** of short length peripheral IV catheters fail before therapy completion[1]

&

**50%** of patients require 3 or more insertion attempts[2]

Reasons for catheter failure include: dislodgement, infiltration, extravasation and phlebitis. Peripheral IV catheter failure is more common in patients with difficult venous access (DVA) including those with a high BMI or with smaller or damaged superficial veins, such as those undergoing chemotherapy treatment or with a history of IV drug use[3].

**Multiple failed cannulation attempts have significant implications on patients, finances and resources:**

### Material cost of a failed cannulation;[4]

- Short length IV catheter
- Skin preparation
- Tourniquet
- Gloves
- Dressing
- Pre-filled syringe

### Impact on the patient;[5]

- Multiple painful attempts
- Increased risk of infection
- Missed doses of medication
- Increased length of stay
- Escalation to a more costly invasive device

### Escalation of patient;[5]

- If a midline or PICC is inserted, these are more costly and take longer to insert



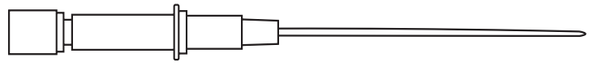
# Introcan Safety® Deep Access

Longer Length for Longer Dwell

Introcan Safety® Deep Access is a longer length IV catheter which is designed to facilitate ultrasound guided access to deeper veins. Introcan Safety® Deep Access serves as an alternative to multiple short length PIVCs which don't last the required duration of therapy or, as a simple to insert alternative to a midline.

A saving of over **1kg** of consumable waste per patient - equivalent to a bag of sugar*[5]

**94.3%** first stick cannulation success rate in patients with difficult intravenous access (DVA)[5]



In **89.5%** of DVA patients, Introcan Safety® Deep Access remained complication free for the required duration of therapy[5]

A cost saving of **£89.22** per patient*[5]

In **93.2%** of patients, Introcan Safety® Deep Access dwelled between 1 and 10 days[5]

1-10 Days

*Compared to a midline

"The Introcan Safety® Deep Access went in easily, quickly and was painless. It was completely the opposite experience compared to previous cannulation when the staff took two hours to manage to insert a cannula that did not last long"

Patient experience with Introcan Safety® Deep Access

Scan the QR code and select Scientific Evidence to read more.

# Introcan Safety® Deep Access

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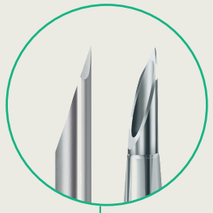
**Polyurethane catheter**
For a softer, more comfortable indwelling performance

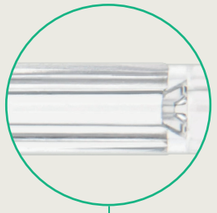
**64 mm catheter**
Improves the likelihood of achieving at least two-thirds of the catheter in the vein supporting optimal survival[5]

**Passive safety needle shield**
Aids in the prevention of needlestick injuries



**Universal bevel**
Wide choice of insertion angles for accessing difficult veins

**Electropolished bevel**
Making Introcan Safety® Deep Access highly visible under ultrasound



**Magnified flashback chamber**
Enabling ease of verification of being in the vein

30 Days

Indicated for use up to
**30 days**

Suitable for use up to
**300psi**

Highly visible under
**ultrasound**

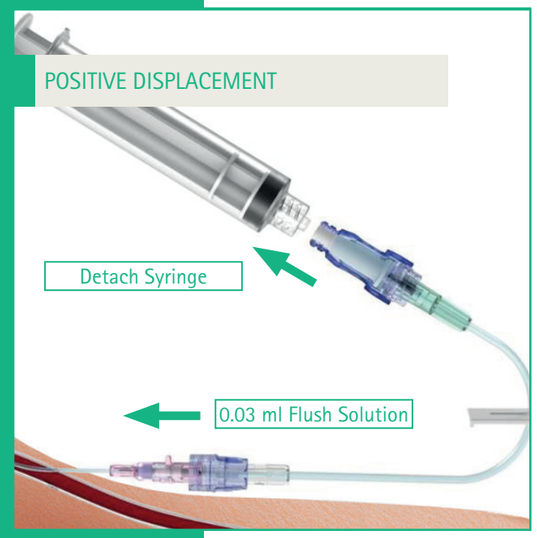
"USG cannulation has been a 'game changer' in gaining access on some of our more challenging patients... patients have often waited hours for their vascular access and have subsequently missed doses of medications, thus having a tangible impact on their recovery and subsequent length of stay in hospital. Having had multiple failed cannnulation attempts, patients are visibly relieved when I turn up with an ultrasound machine and the Introcan Safety® Deep Access."

*Simon Tippler, Trigger Response Team*[5]



# 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.



The smooth, flat access surface permits thorough and easy disinfection helping to prevent microbial ingress[5].

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

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

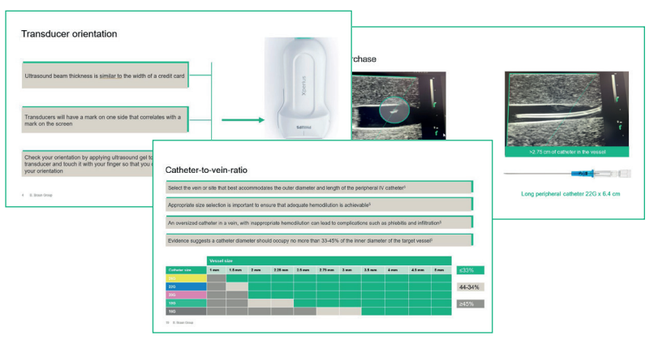
# Clinical Support

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

## Ultrasound guided cannulation training

Our ultrasound guided cannulation training covers the following topics:

- Introduction to ultrasound
- Venous antonomy and physiology
- Vein assessment
- Device selection
- Hands on practice
- Aftercare




## Clinical demonstration video

Access is provided to our clinical demonstration videos showcasing ultrasound guided insertion of Introcan Safety® Deep Access in accordance with best practice guidelines and the principles of ANTT.

Scan the QR code and select Introcan Safety Deep Access to watch the clinical demonstration video.

## Introcan Safety® Deep Access

| Gauge size (G) | | Length inch | Length mm | Catheter ø (mm) | Gravity flow rate (ml/min) | Power injection flow rates: Contrast media viscosity at 20° mPa's | Power injection flow rates: Flow rate (ml/sec) | Units (per box) | Order code | NPC |
|---|---|---|---|---|---|---|---|---|---|---|
| 18 | | 2 ½ | 64 | 1.3 | 85 | 2.3<br>27.5 | 19<br>15 | 50 | 4251620-01 | FSP4927 |
| 20 | | 2 ½ | 64 | 1.1 | 51 | 2.3<br>27.5 | 13<br>8 | 50 | 4251621-01 | FSP4926 |
| 22 | | 2 ½ | 64 | 0.9 | 24 | 2.3<br>27.5 | 7<br>3 | 50 | 4251622-01 | FSP4925 |
| 24 | | 1 ¼ | 32 | 0.7 | 17 | 2.3<br>27.5 | 5<br>2.5 | 50 | 4251623-01 | FSP4924 |

## Accessory items

| Description | | Length (cm) | Priming volume (ml) | Tubing inner ø (mm) | Power Injection | Latex free | DEHP free | Units (per box) | Order code | NPC |
|---|---|---|---|---|---|---|---|---|---|---|
| | 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 |

## Ezcover® Ultrasound Probe Cover Sets

| Description | | Units (per box) | Order code |
|---|---|---|---|
| | 15 x 61 cm ultrasound probe cover set with sterile gel sachet | 30 | PCG15061 |
| | 15 x 122 cm ultrasound probe cover set with sterile gel sachet | 30 | PCG15122 |

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References

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2. Polit DF, Beck CT. The content validity index: are you sure you know what's being reported? Critique and recommendations. Res Nurs Health 2006;29(5):489-97. doi: 10.1002/nur.20147 [published Online First: 2006/09/16]
3. Piredda M, Fiorini J, Facchinetti G, Biagioli V, Marchetti A, Conti F, Iacorossi L, Giannarelli D, Matarese M, De Marinis MG. Risk factors for a difficult intravenous access: A multicentre study comparing nurses' beliefs to evidence. J Clin Nurs. 2019 Oct;28(19-20):3492-3504. doi: 10.1111/jocn.14941. Epub 2019 Jun 4. PMID: 31162862.
4. Data on file
5. https://nivas.org.uk/contentimages/main/NIVAS-Infiltration-and-Extravasation-toolkit-version-1-Feb-2024.pdf