

# Introcan Safety<sup>®</sup>

## Shielded IV Catheter



Protects you and your healthcare team against  
needlestick injuries and related infections

# Self-activating protection ...

## Sharpen your Safety against needlesticks – automatically

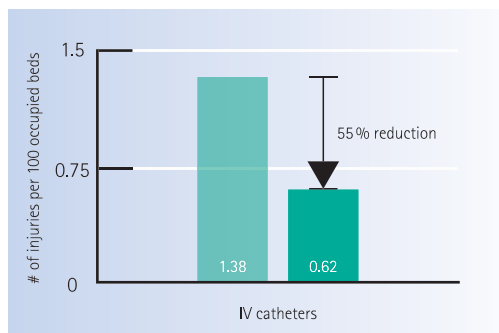
Healthcare teams who routinely work with hollow-bore needles and IV catheters are exposed to a higher risk of needlestick injuries and accidental transmission of serious infections like hepatitis B and C or HIV.

20 % of the sharps and needlestick injuries occurred during venipuncture or IV cannulation, both these are defined as high risk procedures.<sup>1</sup> The consequences of such a needle stick injury can damage both, the injured healthcare worker and the hospital.<sup>2</sup>

Safety IV catheter are proven to reduce the risks of infection (Fig.1), and it is recommended that protective IV catheters should be self-activating. With a self-activating device the healthcare professionals don't have to worry about the activation of the safety mechanism<sup>3</sup> because the protection is automatic.

The Introcan Safety® IV catheter from B. Braun has self-activating features that protect you by simply using them. The patented safety clip automatically covers the needle's sharp bevel when the needle is withdrawn without requiring the user to incorporate new steps to deploy the safety device.

Deciding on Safety with Introcan Safety® offers reliable protection from needlestick injuries and related infections, with increased compliance.<sup>3</sup>



Comparison of 1993 and 2001 Percutaneous Injury Rates to Nurses<sup>4</sup>

U.S. EPINet Multihospital Surveillance Network

■ 1993  
■ 2001



1. Pearce, L; Silent epidemic; may 16 / vol. 15/ No. 35/ 2001 nursing standard
2. Hatcher, I.B.; Reducing Sharps Injuries Among Health Care Workers, Journal of Quality improvement, Vol. 28, No. 7, July 2002
3. American Health Consultants: Noncompliance creates needle safety dilemma: Hospitals finds 72% of devices unactivated. Hospital Employee Health, 2001
4. EPINet: International Health Care Worker Safety Center; report 2001: 2001 Percutaneous Injury Rates; Perry et al., Advances in Exposure Prevention Vol.6, No 3, 2003

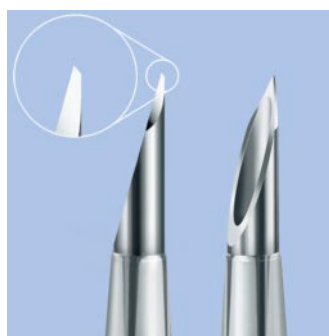
# ... with increased user compliance<sup>3</sup>

## Minimum change of puncture technique

With Introcan Safety®, you use the same familiar puncture technique as with the conventional Introcan® IV catheter. Minimum changes in handling means minimum staff retraining and minimum impact on clinical practice.

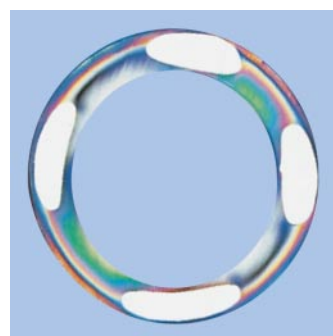
## Safety Features

- Self-activating clip technology – no extra action needed
- Safety clip covers needle tip immediately after use
- Safety mechanism cannot be bypassed



### Excellent puncture characteristics

Introcan® has three cutting edges for sharpness that are proven to decrease the penetration force and reduce the risk of catheter tip damage. The "V" shaped insertion site reduces healing time and the risk of infection.<sup>5</sup>



### Radiodetectable catheter

Four fully embedded x-ray contrast lines in the transparent catheter aid detection after an inadvertent catheter cut or embolization of a catheter fragment, minimizing complications for patient and liability for the hospital.



Latex-free

### Versatility in use

Direct attachment of a syringe allows floating the catheter when puncturing difficult veins and for immediate blood draws.

5. Comparison of Penetration Force and Catheter Tip Damage of Intravenous Catheters among Different Catheter Tip Designs. Suzuki et al., 2003

### Reliable needlestick protection



#### Self-activating clip technology

The new **Introcan Safety®** IV catheter features a self-activating safety clip that automatically shields the needle's sharp bevel when the needle is retracted.



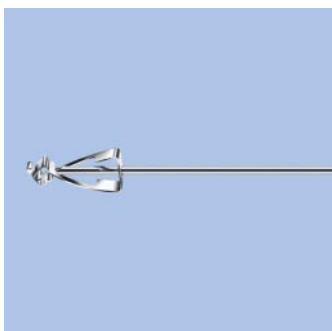
#### Immediately shielded

When the safety mechanism is triggered, the clip is instantly deployed on the needle bevel as it exits the catheter hub. The patented mechanism permanently attaches the safety clip to the needle bevel, helping prevent needlestick injuries.



#### Safety needle can not be bypassed

Tampering is prevented because the safety clip is self-activating. There's no overriding the built-in mechanism.



#### Reliable protection

The patented, safety clip mechanism eliminates the risk of inadvertent activation during handling.

# compliance<sup>3</sup>

## Vascular Access

### Product Type

### Size/Gauge



24G



24G



22G



22G



20G



20G



20G



20G



20G



18G



18G



18G



18G



16G



16G



16G



14G



14G






















14G



# Product specifications

## Vascular Access

Introcan Safety® Code No.			Catheter Length/inch    ø/mm		Straight or Winged	Flow Rate ml/min	Introcan®/Introcan® Certo Code No.		Stylet/Mandrin Code No.
Catheter Material FEP                  PUR							Catheter Material FEP                  PUR		
	4252500	4251601	3/4	0.7 x 19	S	22	4252071 B	4251300	-
	4254503	4253523	3/4	0.7 x 19	W	22	4254074 B	4253302	-
	4252519	4251628	1	0.9 x 25	S	35	4252098 B	4251318	4214099
	4254511	4253540	1	0.9 x 25	W	35	4254090 B	4253310	4214099
	4252543	4251652	1	1.1 x 25	S	65	-	-	-
	4254546	4253574	1	1.1 x 25	W	65	-	-	-
	4252535	4251644	1 1/4	1.1 x 32	S	60	4252110 B	4251326	4214110
	4254538	4253566	1 1/4	1.1 x 32	W	60	4254112 B	4253329	4214110
	4252527	-	1 3/4	1.1 x 45	S	57	-	-	-
	4252560	4251687	1 1/4	1.3 x 32	S	105	4252322 B	4251342	4214323
	4254562	4253604	1 1/4	1.3 x 32	W	105	4254325 B	4253345	4214323
	4252551	4251679	1 3/4	1.3 x 45	S	100	4252136 B	4251334	4214137
	4254554	4253590	1 3/4	1.3 x 45	W	100	4254139 B	4253337	4214137
	4252586	4251709	1 1/4	1.7 x 32	S	215	-	-	-
	4252578	4251695	2	1.7 x 50	S	210	4252160 B	4251350	4214170
	4254570	4253612	2	1.7 x 50	W	210	4254171 B	4253353	4214170
	4251890	-	1 1/4	2.2 x 32	S	350	-	-	-
	4252594	4251717	2	2.2 x 50	S	345	4252217 B	4251369	4214218
	4254597	4253639	2	2.2 x 50	W	345	4254210 B	4253361	4214218

Sales unit: 200 pcs. (4x50 pcs.)

ISO 10555-1/5

**B | BRAUN**  
SHARING EXPERTISE

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