TROGE
HAMBURG

IV CANNULAS with
RAPID FLASH

TRO-VENOCATH 2
TRO-VENSITE safety

Features

1. **Precision back cut bevel guarantees painless and smooth venipuncture,** minimum effort, adapts to various puncture methods

2. Optional: Easy and secure fixation by two **flexible wings for securing cannula in place, maximum comfort**

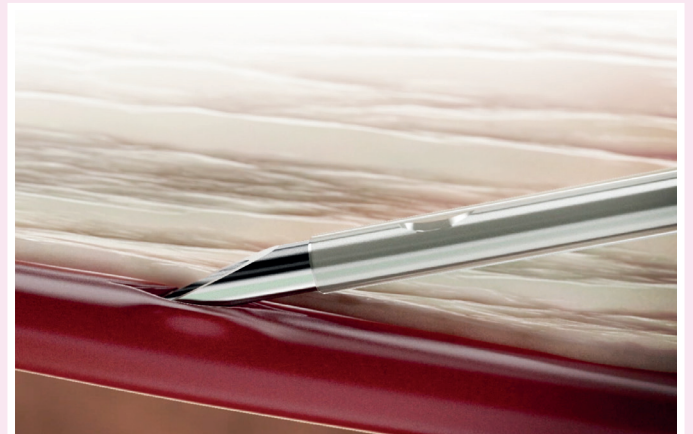3. Hydrophobic filter, **prevents blood spillage**

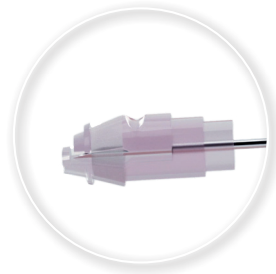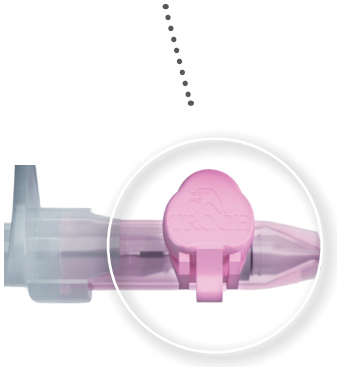4. Special tapered and **kink-resistant, radiopaque catheter** for easy insertion and optimal flow rates

ADVANTAGES of IV CANNULAS

IV Cannulas with rapid flash are provided with an improved needle – featuring an additional opening on the top. Immediately after successful venipuncture the blood escapes through the special opening and blood flow is observed on the inside of the catheter

5. Optional: injection port with non-return silicone valve for intermittent medication, **hygienic, effortless opening/closing with one finger, easy to use**

6. TRO-VENSITE safety – **integrated safety clip, reduces risk of needle stick injury to a minimum, conforms to EU Directive 2010/32**

7. Transparent flash-back chamber, **reconfirms successful venipuncture**

8. Manufactured from tested **biocompatible materials** offering longer indwelling time

with RAPID FLASH:

▶ Rapid flash instantly confirms successful venipuncture.

▶ Advanced needle technology increases the number of successful first pricks especially in patients with small and critical veins and neonates.

▶ Instant visualization of blood flow along the catheter improves user's ability to successfully access the vein.

▶ Reduced risk of vein damage due to rapid flash-back

IV CANNULAS with
RAPID FLASH

IV Cannulas with rapid flash are available in
the following specifications:

Product Types

Product Name	Catheter material	Hydrophobic filter	Wings	Injection port	Rapid Flash (optional)
TRO-VENOCATH 2	FEP/PUR	✓	✓	-	✓
TRO-VENOCATH 2 plus	FEP/PUR	✓	✓	✓	✓
TRO-VENOCATH 2 sine	FEP/PUR	✓	-	-	✓
TRO-VENSITE safety	FEP/PUR	✓	✓	-	✓
TRO-VENSITE safety plus	FEP/PUR	✓	✓	✓	✓
TRO-VENSITE safety sine	FEP/PUR	✓	-	-	✓

Size Overview

	Size (Gauge)	Length of catheter (mm)	Outer diameter (mm)	Colour code		Average flow rate (ml/min)
	14G	45	2.0	Orange	▮	305
	16G	45	1.7	Grey	▮	200
	17G	45	1.5	White	▯	142
regular	18G	45/32	1.3	Green	▮	90
regular	20G	32	1.1	Pink	▮	61
safety	18G	32	1.3	Green	▮	105
safety	18G	45	1.3	Green	▮	100
safety	20G	32	1.1	Pink	▮	61
	22G	25	0.9	Blue	▮	36
	24G	19	0.7	Yellow	▮	23
	26G	19	0.6	Violet	▮	17

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