



Safety Arterial Cannula

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**TRO-ARTEROCATH**  
**safety**

Arterial puncture is one of the most common invasive procedures in critical care areas. Arterial catheters are very useful in monitoring blood pressure and often used for repetitive blood sampling.

## Features

1. Available in **polyurethane** offering longer indwelling time



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



3. With ON/OFF switch, **prevents backflow and provides safety from air embolism**



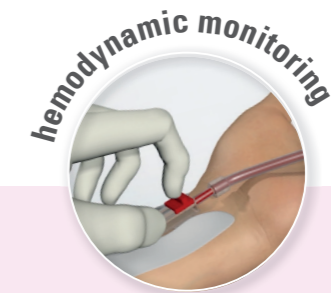
4. **Precision back cut bevel** guarantees **painless and smooth puncture**, minimum effort, adapts to various puncture methods

## ADVANTAGES

of using **TRO-ARTEROCATH safety**

The arterial cannula is used to perform arterial cannulation directly into the peripheral arteries, e.g. radial artery.

- ▶ performing an arterial puncture with TRO-ARTEROCATH safety is a very similar technique to venipuncture
- ▶ material costs and time is vastly reduced
- ▶ reduced risk to the patient



## STEPS involved in ARTERIAL

## CANNULATION



1

Disinfect arterial puncture site



2

Use local anaesthetic to numb arterial puncture site



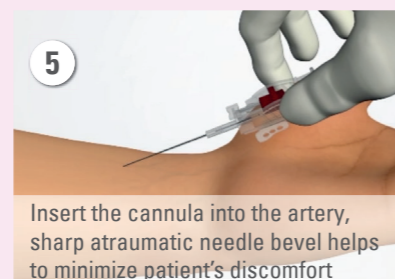
3

Make sure packaging has not been damaged or opened



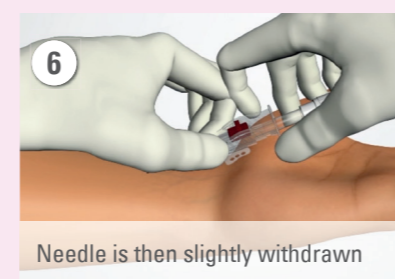
4

Inspect cannula and remove protective cap



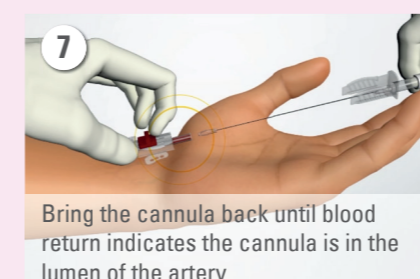
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Insert the cannula into the artery, sharp atraumatic needle bevel helps to minimize patient's discomfort



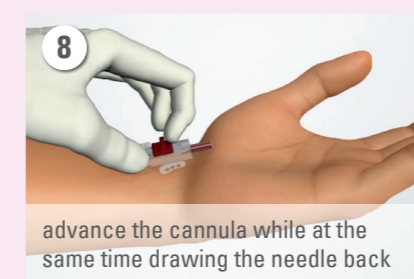
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Needle is then slightly withdrawn



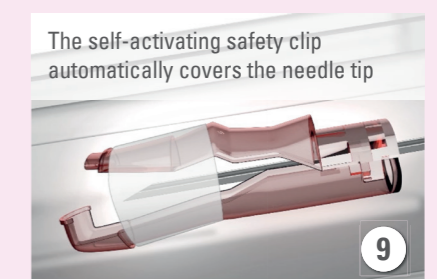
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Bring the cannula back until blood return indicates the cannula is in the lumen of the artery



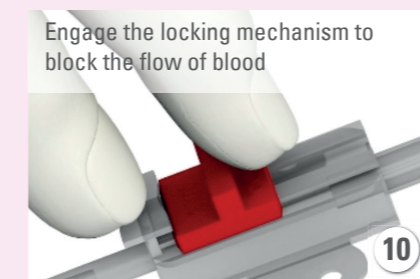
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advance the cannula while at the same time drawing the needle back



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The self-activating safety clip automatically covers the needle tip



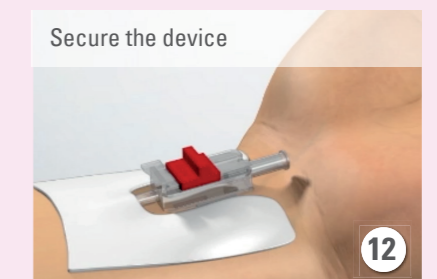
10

Engage the locking mechanism to block the flow of blood



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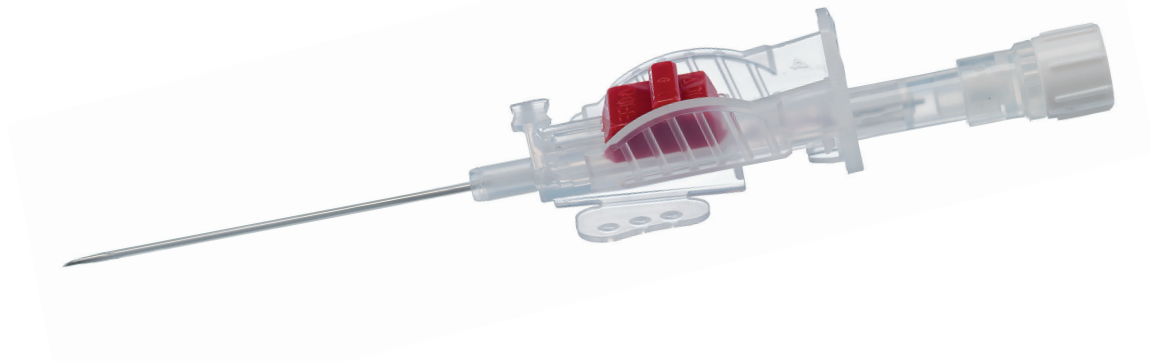
Dispose of the needle in a biohazard waste container



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Secure the device

# TRO-ARTEROCATH safety:



- ▶ Suitable for arterial pressure monitoring and serial arterial blood gas determinations
- ▶ Polyurethane catheter supports longer indwelling time
- ▶ Sharp atraumatic needle bevel helps the procedure with minimal patient discomfort
- ▶ Specially engineered ON-OFF switch prevents backflow and exposure of blood to healthcare professional and provides safety from air embolism and contamination
- ▶ Perforated wings for ventilation and suturing purpose
- ▶ Sterile individual packaging, single use, latex-free, PVC-free
- ▶ **TRO-ARTEROCATH safety** – safety clip automatically covers the needle's sharp bevel after withdrawal of needle from the hub, minimizing the risk of needle stick injury and therefore transmission of bloodborne pathogens like: HIV, HCV, HBV

## SPECIFICATIONS:

Needle Gauge	Safety feature	Outer Diameter	Length catheter (mm)	Colour Code	FEP / PUR (catheter)	Ref. No.	Units per box / Shipping Carton
20 G	✓	1.1	45	red	PUR	90800	25 / 250
22 G	✓	1.1	45	red	PUR	90804	25 / 250

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