



Value Life

Arterial Cannulation  
With Minimal Blood Loss

**ArterioSel<sup>®</sup>**  
Simple, safe and  
successful



# Allowing you more time to place the catheter

**ArterioSel® provides a classic Seldinger technique for arterial cannulation with minimal blood loss and clear visualisation of arterial access.**

Insertion of arterial lines into small vessels can be technically challenging, particularly if the patient is hypotensive or peripherally vasoconstricted. Leadercath arterial offers the classic Seldinger method. This technique has demonstrated a significantly higher rate of success than the direct threading method.

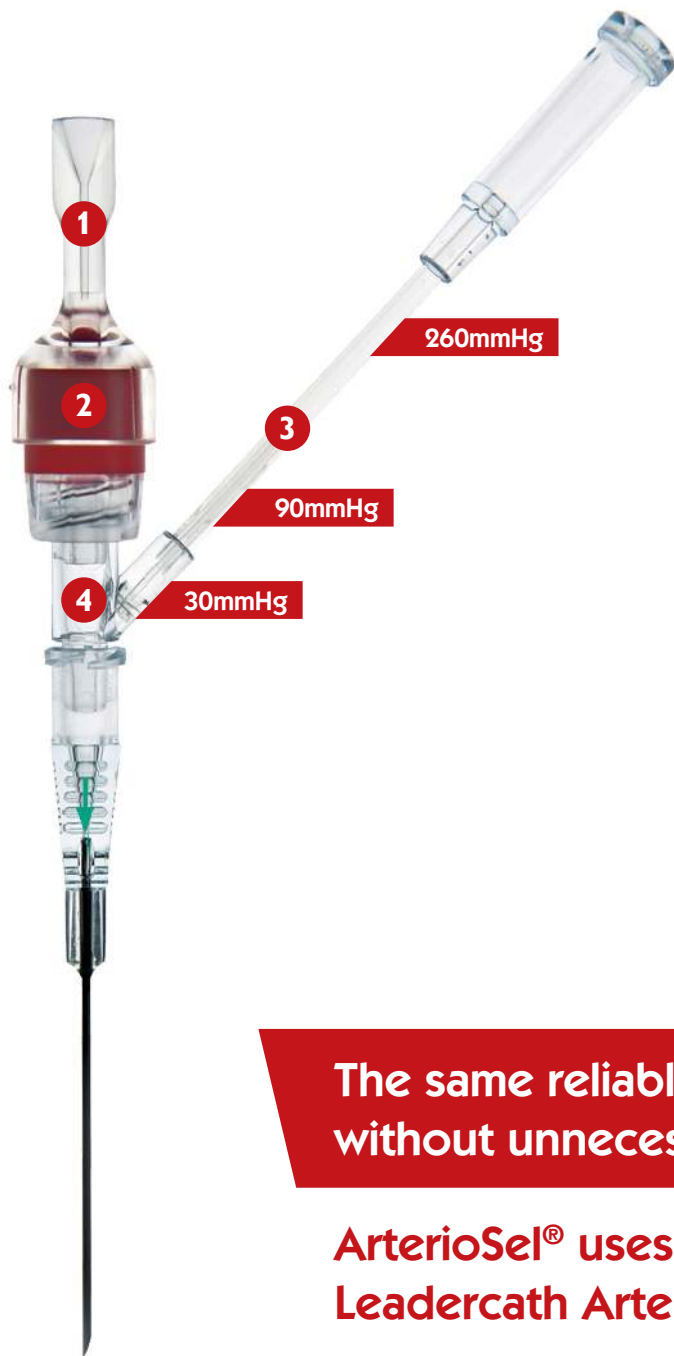
S. C. Beards, et al recommend the use of a classic Seldinger technique for arterial line insertion.<sup>1</sup>

**ArterioSel allows you more time to place the catheter under less pressure.**

The visualisation chamber allows you to clearly see when you have accessed the artery. Blood pulsates in the specially calibrated chamber while the blood control valve minimises the loss of blood during needle insertion.

**Minimal blood loss means minimal exposure to blood for clinicians and therefore reducing potential exposure to blood borne viruses such as Hepatitis B, Hepatitis C and HIV.**

# under less pressure



- 1** Funnelled hub
  - Ensures smooth transition of the guidewire.
- 2** Blood control valve
  - Minimises the risk of blood exposure to clinicians
  - Reduces blood loss.
- 3** Visualisation chamber
  - Blood pulsating in a contained extension tube is confirmation that you have positioned the catheter in the artery, even in hypotensive patients.
  - The visualisation chamber is calibrated to let you see pulsating blood, for blood pressures from 30mmHg - 260mmHg, as illustrated.
- 4** Rotating chamber
  - Allows you to reposition the needle bevel so the visualisation chamber does not affect line of sight.

**The same reliable catheter and technique without unnecessary blood loss.**

## ArterioSel® uses the Leadercath Arterial catheter:

- Classic Seldinger for a higher success rate
- Anti-kink collar maintaining patency
- Winged hub for secure fixation
- Red hub for easy identification
- Soft tipped guidewire for easy insertion

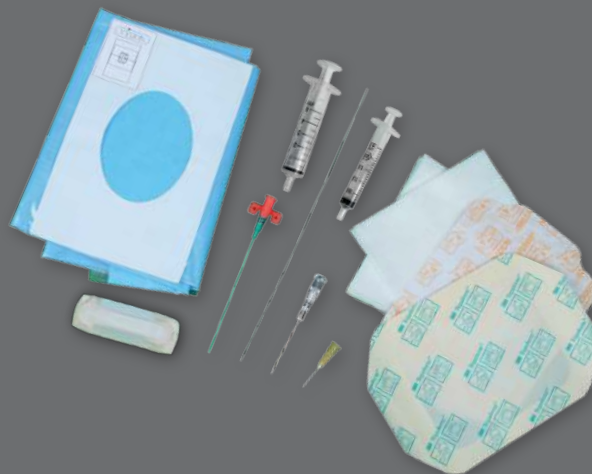


## Radial Arterial Pack 20G 8cm

The radial arterial pack is setting the standard for arterial line placement. The pack components have been specifically designed and selected by clinicians who insert arterial lines on a daily basis.

**A VYSET custom pack allows you to create a high quality pack to match your local protocol, incorporating all the items you need.**

- Sharp safety devices
- VENE-K disposable tourniquet
- Pre-filled saline syringes
- Trust specific customised documentation
- Peelable drapes.



## ArterioSel®

Vygon Code	NHSSC Code	Description	Length (cm)	Size (G)	Box Qty
01150901	FSQ1324	ArterioSel Catheter	8	20	20/box

## Leadercath Arterial

Vygon Code	NHSSC Code	Description	Length (cm)	Size (G)	Box Qty
0115.09	FSQ049	Leadercath Arterial PE	8	20	20/box
0115.11	FSQ004	Leadercath Arterial PE	10	20	20/box
0115802	FSQ1777	Arterial Pack with Tegaderm dressing	8	20	35/box
0115803	FSU472	Arterial Pack with IV3000 dressing	8	20	40/box
V02770120	FSQ2334	Arterial Pack with Safety Hypodermic Needle (Tegaderm)	8	20	35/box
V02770121	FSQ2335	Arterial Pack with Safety Hypodermic Needle (IV3000)	8	20	40/box

### Reference

1. S. C. Beards, et al. A comparison of arterial lines and insertion techniques in critically ill patients.

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**For further information, please contact: [vygon@vygon.co.uk](mailto:vygon@vygon.co.uk)**

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