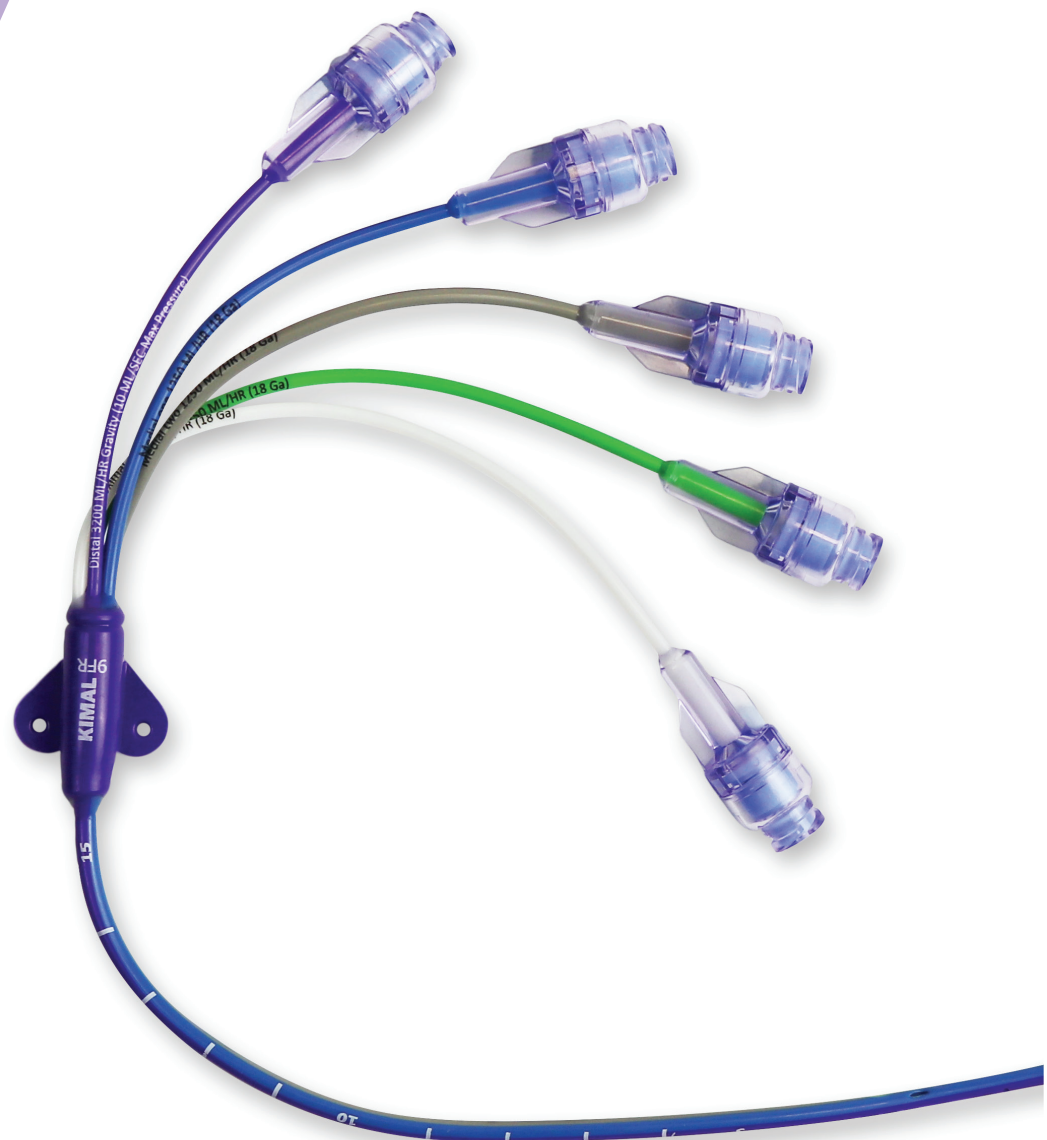


YOUR ALTIUS HIGH PRESSURE CVC RANGE



REDUCE
PATIENT **RISKS**
WITH ALTIUS



WHY CHOOSE ALTIUS HIGH PRESSURE

Altius® HP has all the benefits of Altius, with a dedicated **High Pressure purple line**, for the delivery of contrast media at pressures up to **300psi**, with **flows of 10ml per second**.

Altius HP can deliver contrast media up to a viscosity rating of 11.8cP units when warmed to 37°C.

Altius HP is the first CVC with a dedicated High Pressure line, reducing the need for additional cannulations in critically ill patients.

The dedicated purple line makes for easy visual identification of the contrast compatible lumen for all healthcare professionals.

Altius HP is manufactured utilising our proprietary Multi-Tube™ technology to achieve perfectly round lumens and therefore laminar flow. This allows for higher flows especially in 4 & 5 lumen configurations.

HIGH PRESSURE LINE

A high pressure line to deliver power injectable contrast media up to 300psi and a maximum of 10ml/sec.

INTEGRATED LUERSAFE® CONNECTORS

LuerSafe needleless valves automatically maintain a closed system when not in use - eliminating the need to clamp or unclamp lines, reducing unintended air ingress.

COLOUR-CODED LUMENS

For easy identification when determining which drug is infused through which lumen.

MULTI-TUBE TECHNOLOGY

Perfectly round lumens to deliver higher flows.

THE RANGE

- **Adults:** 1 to 5 lumen.

For French size, length and flow rates please see ordering guide.



INSERTION KIT

The insertion kit has been designed to reduce the risks during insertion.



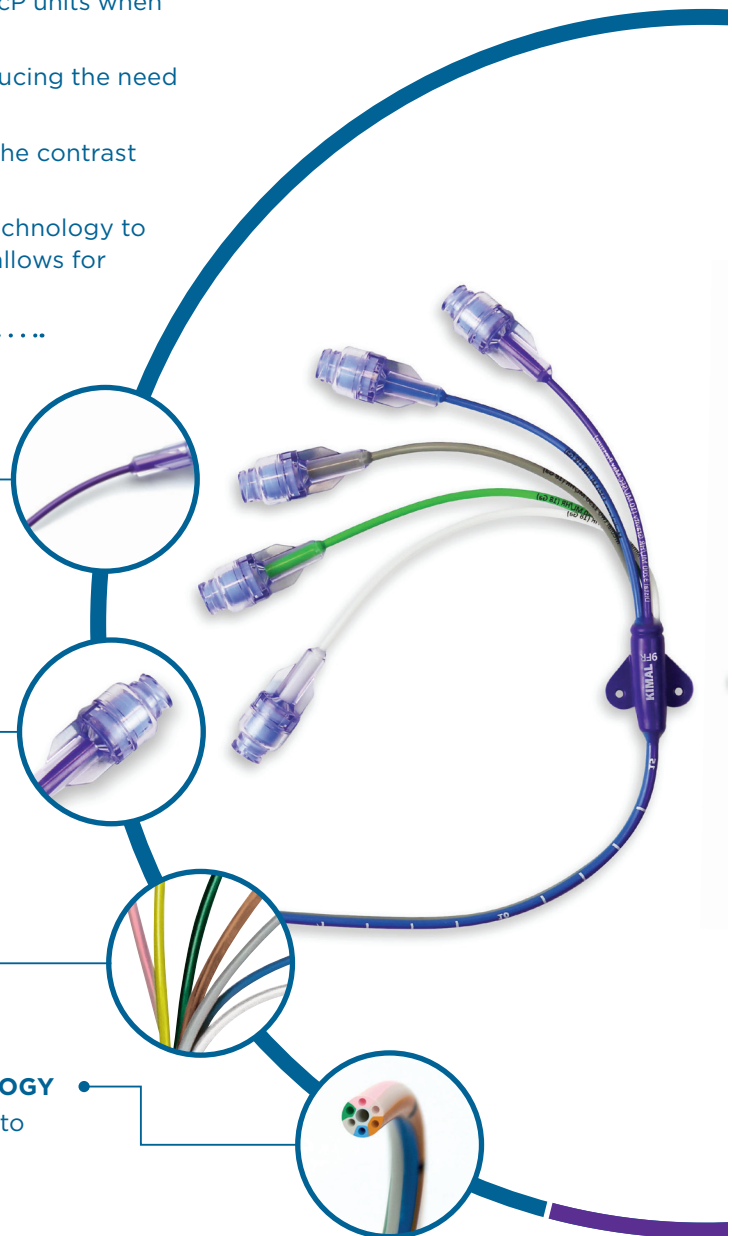
Echogenic Needle:
Easy visualisation under ultrasound to prevent posterior wall puncture.



5ml Guidewire Introducer Luer Slip Syringe: For closed system.



Altius Guidewire Dispenser:
Ergonomic design to facilitate guidewire advancement even with wet gloves.



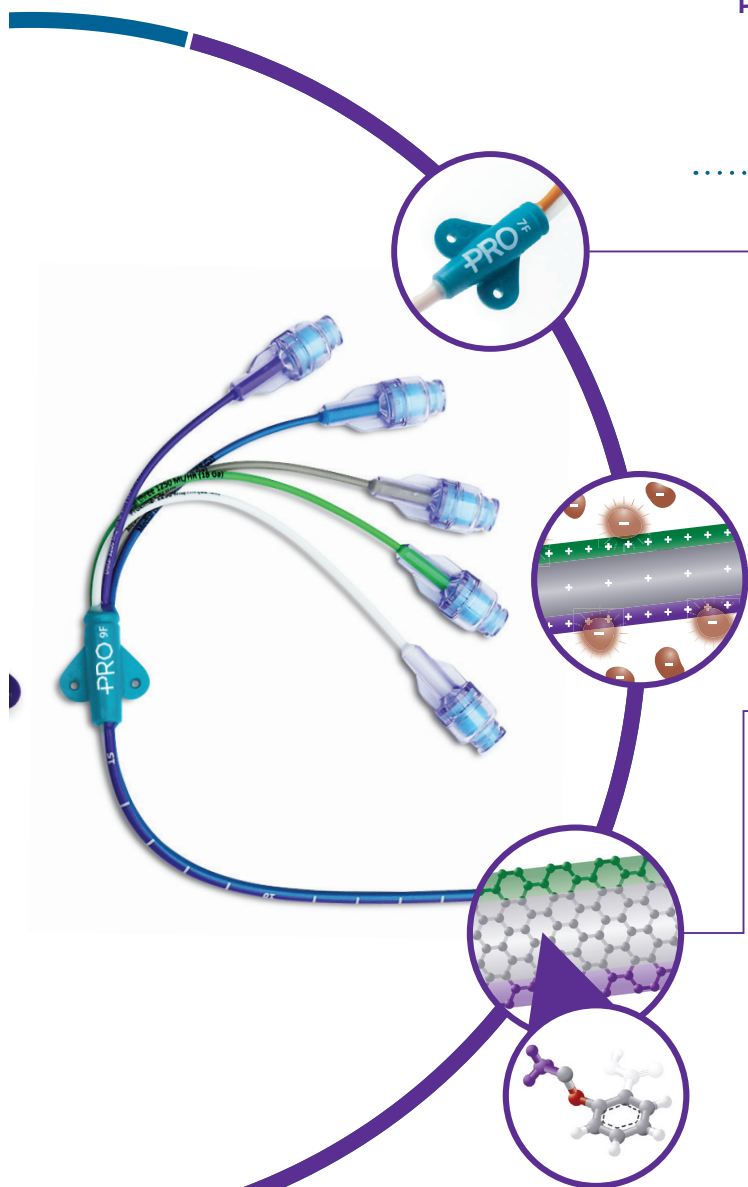
CHOOSE ALTIUS™ PRESSURE?



All the benefits of **Altius ProActiv+™** and a **High Pressure purple line** to deliver contrast media and fluids at high pressures.

ProActiv+ is a chlorhexidine free, non-eluting, covalently bonded antimicrobial to protect your patient for the duration of use.

Unique covalent bonding ensures no systemic release into the patient's bloodstream and sustained antimicrobial activity.



- **ProActiv+** combines a non-thrombogenic polyethylene glycol (PEG) with the antimicrobial polyhexamethyl biguanide (PHMB) to provide lasting effectiveness.

• WHY PHMB?

It is a broad spectrum biocide, aimed at fighting against bacteria, fungi and viruses. Widely used in antimicrobial medical devices.

• HOW DOES PROACTIV+ WORK?

PHMB is co-polymerised with PEG, which is known for its non-thrombogenic properties and is intended to limit platelet adhesion. This may help discourage bacterial accumulation and biofilm development, while potentially reducing fibrin sheath formation.

The formulation uses a crosslinked, covalently bonded structure designed to remain stable for the duration of catheter use.

THE RANGE

- **Adults:** 1 to 5 lumen.

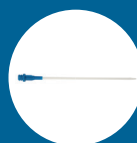
For French size, length and flow rates please see ordering guide.



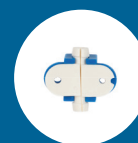
Kink-Resistant Nitinol Guidewire: To prevent guidewire kinking even in difficult anatomy.



No. 11 Mini Scalpel: To nick skin prior to dilation.



Hydrophilic Dilator: For smooth dilation to prevent vessel trauma.



Secondary Fixation Wing



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delivering healthcare innovation