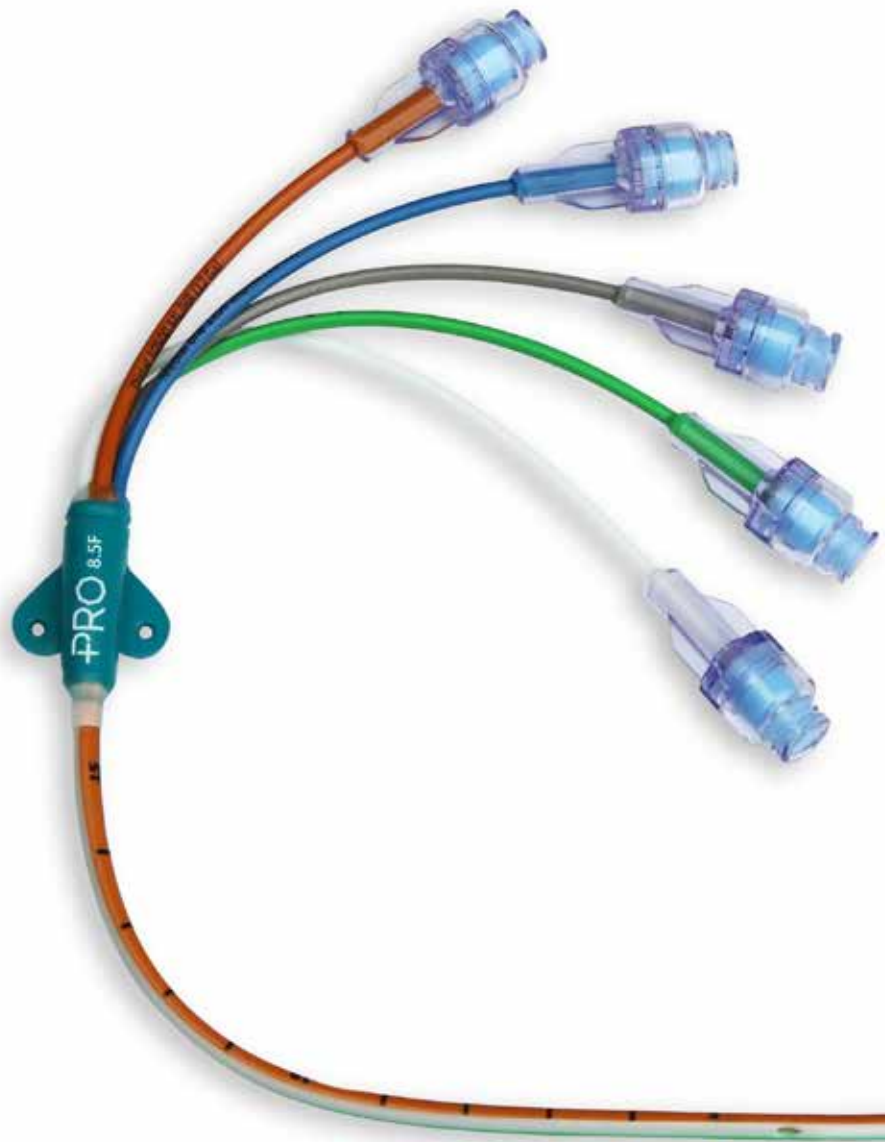


YOUR **ALTIUS CVC** RANGE



REDUCE
PATIENT **RISKS**
WITH ALTIUS



Altius® is designed based on the feedback received from healthcare professionals for 21st century healthcare.

Altius is manufactured utilising our proprietary Multi-Tube™ technology to achieve perfectly round lumens and laminar flow.

WHY CHOOSE ALTIUS™ ?



Altius 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.

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.

• **ProActiv+** combines a non-thrombogenic polyethylene glycol (PEG) with the antimicrobial polyhexamethyl biguanide (PHMB) to provide antimicrobial 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 shown to limit platelet adhesion. This may help to 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 and 7 lumen.

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



THE RANGE

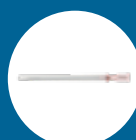
- **Adults:** 1 to 5 and 7 lumen.

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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: Facilitates guidewire advancement.



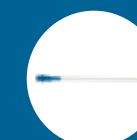
Altius Guidewire Dispenser:
Ergonomic design to facilitate guidewire advancement even with wet gloves.



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



No. 11 Mini Scalpel:
To make a small incision prior to dilation.



Hydrophilic Dilator:
For smooth dilation to prevent vessel trauma.



Secondary Fixation Wing



For more information, pricing or samples, speak to your local Kimal Representative, or contact:

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