



Altius[®] ProActiv+[™]

Protecting the patient for the life of the catheter*.

Altius[®] ProActiv+[™] uses a non eluting covalently bonded antimicrobial that will protect your patient for the duration of the therapy.

Altius[®] ProActiv+[™] combines a non thrombogenic (PEG) with an antimicrobial (PHMB) to provide superior antimicrobial effectiveness.

Altius[®] ProActiv+[™] unique covalent bonding ensures no systemic release into patient's bloodstream.

What is PHMB?

PolyHexaMethylene Biguanide

A fast acting, broad spectrum biocide effective at low concentrations against gram positive, gram negative bacteria, fungi and viruses.

Is it safe?

PHMB is used in many medical applications such as wound irrigation, that require extremely biocompatible active ingredients that provide a high level of efficacy.

PHMB's biocompatibility index is higher than Chlorhexidine digluconate.

The Biocompatibility Index is the measurement of the antiseptic agent's antimicrobial property and its relative cytotoxicity.

ProActiv+ has been independently tested according to ISO10993 - an International Standard test to evaluate the safety of any antimicrobial.

*Altius Proactiv+ CVC has been approved for use up to 30 days.

Is it effective?

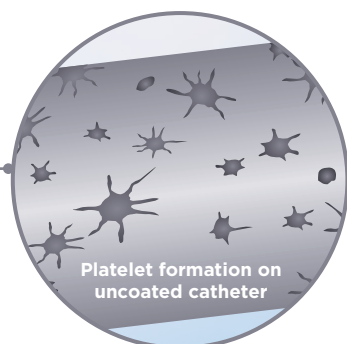
ProActiv+ has been proven to be effective pre & post exposure to blood proteins against gram+ and gram- for a 30 day period.

The patented chemical bonding ensures that ProActiv+ is non-eluting and there is no loss of protection for the life of the catheter.

HOW DOES PROACTIV+ WORK?

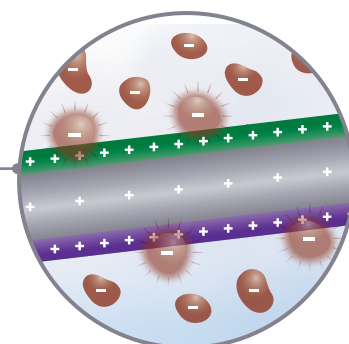
PHMB is co-polymerised with a non thrombogenic PEG (polyethylene glycol) to prevent platelet adhesion reducing the opportunity for bacterial growth

- Reduces biofilm formation
- Minimises fibrin sheath



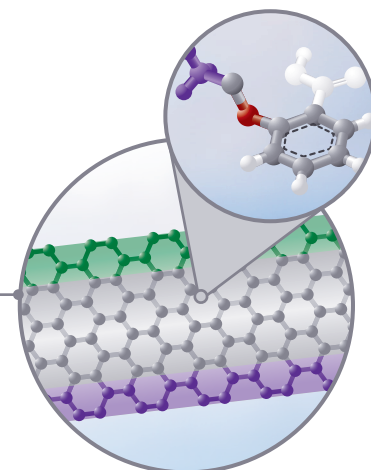
The positive charged antimicrobial bonding attracts and destroys bacteria which come into contact with the inside and outside of the catheter

- Polarised antimicrobial agent binds bacterium
- Binding induces separation of bacterial membrane
- Cell disruption exposes contents of the cell
- Bacterial cell death occurs



The patented non-eluting crosslinked covalent bonding ensures patient protection for the life of the catheter

- Non-eluting covalent bonding
- Sustained antimicrobial activity
- Life long protection



PRODUCT CODE	PRODUCT DESCRIPTION
K2CS220702	Altius Pro+ 2 lumen CVC set 7FR 20cm
K2CS215703	Altius Pro+ 3 lumen CVC set 7FR 15cm
K2CS220703	Altius Pro+ 3 lumen CVC set 7FR 20cm
K2CS215703P	Altius Pro+HP 3 lumen CVC set 7FR 15cm
K2CS220703P	Altius Pro+HP 3 lumen CVC set 7FR 20cm
K2CS215854	Altius Pro+ 4 lumen CVC set 8.5FR 15cm
K2CS220854	Altius Pro+ 4 lumen CVC set 8.5FR 20cm
K2CS215904P	Altius Pro+HP 4 lumen CVC set 9FR 15cm
K2CS220904P	Altius Pro+HP 4 lumen CVC set 9FR 20cm
K2CS215855	Altius Pro+ 5 lumen CVC set 8.5FR 15cm
K2CS220855	Altius Pro+ 5 lumen CVC set 8.5FR 20cm
K2CS215905P	Altius Pro+HP 5 lumen CVC set 9FR 15cm
K2CS220905P	Altius Pro+HP 5 lumen CVC set 9FR 20cm

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