Edwards AMC Thromboshield Treatment

The only coating to provide both antimicrobial* and thromboresistant protection

AMC Thromboshield treatment is available on a wide variety of critical care products including:

- Edwards Multi-Med Central Venous Infusion Catheters
- Edwards IntroFlex Percutaneous Sheath Introducers
- Edwards Swan-Ganz Catheters
- Edwards Vantex Central Venous Catheters
- Edwards AVA 3Xi Device
- Edwards AVA High-Flow Device

Infection Control with Double Protection.

Edwards AMC Thromboshield treatment is an exclusive combination of benzalkonium chloride with heparin coating as a double-safeguard both inside and out.

- Benzalkonium chloride provides antimicrobial protection against commonly encountered organisms.¹
- Heparin reduces thrombus formation, where microorganisms can colonize and lead to catheter-related infections.
- AMC Thromboshield treatment is applied to the entire surface of the catheter, both inside and outside. This is a significant advantage over catheters with protection only on the outside, as contamination can lead to infection in the inner lumen resulting in catheter-related sepsis.
Proven Results.

- The antimicrobial benefits of AMC Thromboshield treatment are demonstrated in in vitro studies.
- Laboratory tests show that its antimicrobial power can lead to a 110x reduction in microorganisms commonly associated with catheter-related nosocomial infections.
- AMC Thromboshield treatment showed significant (1.9 log10) reduction in bacteria (in vitro study).

**In vitro** testing of agar diffusion assays on “seeded” Tryptic Soy Agar plates show that the spectrum of AMC Thromboshield treatment activity is centered on *S. epidermidis*, the most common bacteria implicated in intravascular catheter sepsis. The microorganisms tested are representative of the most common bacteria and yeasts isolated from infected catheters.

Legend
1 Sa: *S. aureus*  
Se: *S. epidermidis*  
Sf: *S. faecalis*  
Ec: *E. coli*  
Sm: *S. marcescens*

2 Catheter Segment Location In Situ  
Location 1 = Distal Tip; 6 = Proximal to Insertion Site

Data on file at Edwards Lifesciences.  

 Refer to the current product package insert for indications, contraindications, warnings and instructions for use.

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