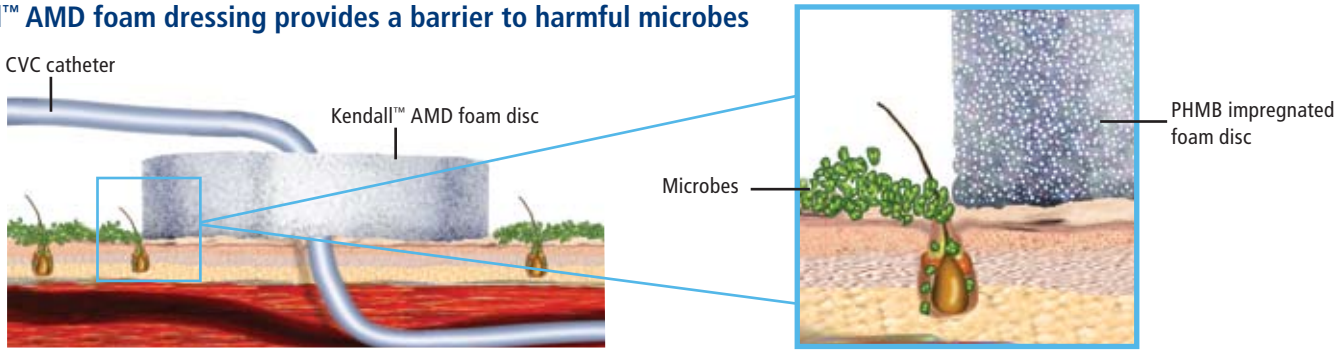
COVIDIEN
positive results for life™

Look outside the box for an effective barrier against microbial migration

Facts:

	Kendall™ AMD Foam Discs	CHG Impregnated Dressings
Antimicrobial Ingredient	Polyhexamethylene Biguanide (PHMB 0.5%)	Chlorhexidine (CHG 2.0%)
Mode of action: Integrates into the microbial cell wall and lyses it	Yes	Yes
Active regardless of product orientation	Yes	No
Superior conformability at insertion sites	Yes	No
Antimicrobial is proven to help prevent infections when used in conjunction with existing infection prevention efforts.†	Yes	Yes
Full circumferential protection	Yes	Yes
Cationic antimicrobial compound	Yes	Yes
Broad spectrum effectiveness	Yes	Yes

Kendall™ AMD foam dressing provides a barrier to harmful microbes



Why did Covidien choose PHMB for its market leading dressings?

PHMB (Polyhexamethylene Biguanide) products are effective at killing microbes, such as MRSA and VRE, at much lower concentrations than CHG (Chlorhexidine). Additionally, the PHMB molecule is not readily absorbed by the skin.

How does it differ from CHG impregnated dressings?

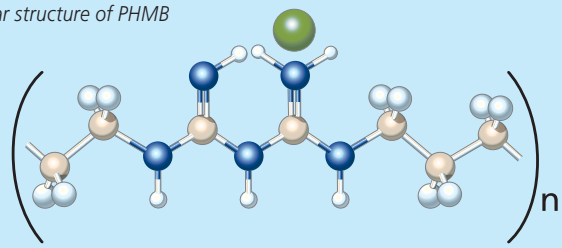
PHMB is effective at lower concentrations than CHG. By utilizing the Minimum Inhibitory Concentration (MIC*) you can see the difference:

MIC for *S. aureus*

- 1.0ppm in wound fluid vs. 5.0ppm for CHG in wound fluid
- 5.0ppm in serum vs. 100.0ppm for CHG in serum

*MIC is the minimum amount of an antimicrobial required to inhibit microbial growth

Molecular structure of PHMB



PHMB Antiseptic

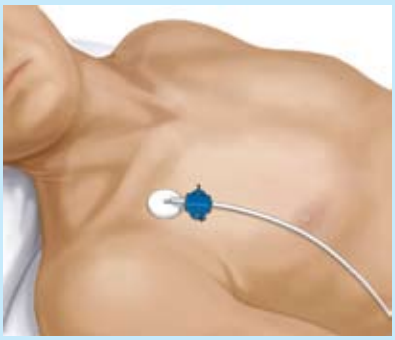
Polyhexamethylene Biguanide (PHMB) is a highly effective yet safe antiseptic which has been commercially used for over 75 years. PHMB provides a contact kill by:

- Binding to bacterial phospholipid (outer) membrane.
- Bacteria cells' protective layers disintegrate, disrupting the outer membrane and allowing the cytoplasm to leak out.
- Bacterial cells then collapse and die, preventing mutation and replication.

Effective Against:

- Methicillin-resistant *Staphylococcus aureus* (MRSA)
- Vancomycin-resistant *enterococcus* (VRE)
- *Acinetobacter baumannii*
- *Staphylococcus epidermidis*
- *Pseudomonas aeruginosa*
- *Escherichia coli*
- *Candida albicans*
- Coagulase-negative *Staphylococcus*
- *Proteus mirabilis*
- *Serratia marcescens*
- *Enterobacter cloacae*
- *Klebsiella pneumoniae*
- *Enterococcus faecalis*
- *Propionibacterium acnes*

Applications*



Central Venous Catheters (CVC)

Peripherally Inserted Central Catheters (PICCs)

External Fixation Devices

* Dressings should be secured with a transparent dressing, such as Polyskin™ II transparent dressing.

Kendall™ AMD Antimicrobial Foam Disc Ordering Information

Code	Description	Units/Carton	Cartons/Case	Ship Case	HCPCS
55511AMD	1" (2.54 cm) diameter, 4 mm hole	10	4	40	A4221
55512AMD	1" (2.54 cm) diameter, 7 mm hole	10	4	40	A4221

For more information, visit **www.KendallAMDFoam.com**

†REFERENCES:
Mueller SW, Krebsbach LE. Impact of an antimicrobial impregnated gauze dressing on surgical site infections including methicillin resistant *Staphylococcus aureus* infections. *Am J Infect Control*, 2008; 36: 651-655.

Lovelace, Larry, BS,MT (ASCP). Just When You Thought Your Statistics Were Good Enough. *APIC News* Winter 2007-2008; 25-30.

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H6534-15M-0710

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