



## **BeneHold™ CHG Antimicrobial Adhesive Technology**

### **Introducing a customizable antimicrobial skin-contact adhesive technology platform**

An opportunity to deliver antimicrobial performance in skin-contact adhesive products from a leader in materials science

Chlorhexidine gluconate (CHG) was selected by Avery Dennison Medical as the antimicrobial of choice owing to its widespread use and acceptance as a skin antiseptic in hospital settings. The BeneHold CHG antimicrobial adhesive platform combines this effective antimicrobial agent with Avery Dennison Medical's well-established expertise in skin-contact adhesives, allowing for the development of unique products in a variety of medical applications with our partners.

#### **Proprietary BeneHold™ CHG Antimicrobial Adhesive Technology**

- Incorporates CHG directly into the adhesive
- Eliminates the need for an additional component to hold and deliver the antimicrobial
- Offers broad spectrum antimicrobial efficacy
- Allows for contact layer to remain transparent and thin
- Allows for full visualization of the site (when required for the application)
- Option to tailor adhesion and fluid management performance to meet application requirements
- Enables customization to meet user requirements

## Applications

BeneHold CHG Antimicrobial Adhesive Technology can be customized for a variety of applications and performance requirements. In existing commercial products, it has been designed to address applications requiring long wear time and sustained antimicrobial efficacy up to 7 days.

### Commercial Partnerships

- Vascular Access: BD ChloroShield™ IV dressings
- Post-operative dressings: ReliaTect® Post-Op Dressing with CHG from Eloquest Healthcare®

### Partnership Opportunities

- Post-op dressing
  - For our post-operative dressings, we are currently seeking a partner(s) for marketing and distribution outside of the United States and Canada, which are currently exclusively licensed.
  - Features include:
    - Sustained antimicrobial efficacy, throughout 7-day wear
    - Transparency for undisturbed site visualization
    - Manages low to moderate exudate without needing a pad
    - Waterproof
    - Barrier to external contaminants
- Applications targeted for expansion:
  - We are looking to expand into additional applications outside of our current product lines with a development partnership. We will work closely with our partner to develop and commercialize new products utilizing our BeneHold CHG adhesive technology.
  - Current targets include:
    - Surgical
    - Negative pressure wound therapy
    - Advanced wound care
  - We are not limited to only these applications. If you have an idea for a product application outside of those listed, we would like to discuss partnership opportunities with you.

Check out our latest article, "Preliminary analysis of the antimicrobial activity of a postoperative wound dressing containing chlorhexidine gluconate against methicillin-resistant *Staphylococcus aureus* in an in vivo porcine incisional wound model" in the *American Journal of Infection Control*.

**Partner with us to develop unique products with BeneHold™ CHG Antimicrobial adhesive technology. If you are interested in marketing and distributing our post-op dressing outside of the United States and Canada, or are interested in developing a new product for another medical application, connect with our team to learn more.**

## CONNECT WITH US FOR MORE INFORMATION!

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