



**Kerlix™ AMD - Antimicrobial Gauze Wound Dressing  
K990530**

- **Antimicrobial: Polyhexamethylene Biguanide [PHMB]; a polymeric biguanide**

**As V.P. of R&D, Responsibilities and Contributions included:**

- **Technology Due Diligence:** Identification and sourcing of antimicrobial technology
- **Product Performance:** Antimicrobial efficacy testing via in-vitro assays; in-situ [animal] studies; and ex-vivo human effectiveness and sensitization trials; all in support of FDA Pre-market Notification
- **PHMB Formulation Optimization:** Optimized antimicrobial effectiveness vs. cytotoxicity
- **Manufacturing Process Development:** Managed process development effort for binding PHMB to cellulose [i.e. cotton]
- **Kerlix AMD 'White Papers'** <sup>1-3</sup>: FDA and Marketing support materials re: new product launch package