



**Rhode Island Hospital**  
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The Diane N. Weiss Center  
for Orthopaedic Trauma Research

8/16/2018

To Whom it may concern,

The Diane N. Weiss Center for Orthopaedic Trauma Research collaborates with scientists and clinicians to address problems relating to musculoskeletal injury. We specialize in the characterization of biomaterials as well as antimicrobial activity and biocompatibility relating to orthopaedic infections. We have been researching and performing validation studies on the Apocrine™ coating technology for over 8 years. The testing included friction and wear studies, biocompatibility and efficacy studies related to the most commonly encountered strains of bacterial and fungal pathogens.

We have studied the technology on 4 types of open and closed-cell prosthetic liners: Keasy® (Proteor), Alpha Hybrid® (WillowWood), Thermoplastic/TPE (Ottobock), and Alpha Silicone® (WillowWood). We have not observed nor reported any changes or degradation of the liners from repeated application of the Apocrine™ coating technology during any of our testing.

Sincerely,

Christopher T. Born, MD, FACS, FAAOS  
Director, The Diane N. Weiss Center for Orthopaedic Trauma Research  
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