

Combating Anthrax: The Anti-Infective Armamentarium

Heggors JP, Goodheart R,

Department of Surgery, University of Texas Medical Branch, and Department of Microbiology & Immunology, Shriners Burns Hospital, University of Texas Medical Branch, Galveston, Texas

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Correspondence

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In this study the effectiveness of various topical anti-infective, nutraceutical and herbal agents against known strains of *B. anthracis* was investigated.

Methods: The Stearns and Ames strain of *B. anthracis* were subjected to a battery of standard topical anti-bacterial, nutraceutical and herbal agents.

Table 3. Nutraceutical & herbal agents tested against *Bacillus anthracis*

Product	Company
Extract lotion	Bio-germ Protection
Extract spray	Bio-germ Protection
Gel	Bio-germ Protection

Results

Both Stearns and Ames Strain were susceptible to most of the topical antimicrobials except for Bacitracin/Polymyxin B and 0.025% NaOCl.

The susceptibility to the nutraceuticals and herbals was similar to the standard topical antimicrobials (Table 5).

Table 5. Average zones of inhibition (mm) for Stearns and Ames strain of *Bacillus anthracis* for Nutraceuticals and herbals.

Product	Stearns	Ames
lotion	18mm	19mm
spray	19mm	19mm
gel	20mm	21mm