



Report on the Effectiveness of Antimicrobial Medications In  
Treating Organisms Isolated from a Deep Nasal (Nares) Culture Using the BEG Spray-Solution  
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**Introduction:**

In addition to testing for MARCoNS from a Nares Culture as part of the Dr. Ritchie Shoemaker protocol in identifying individuals with mold illness, other organisms have been isolated, which may be implicated in other conditions such as nasal or sinus infections.

Organisms tested:

- Gram positive: MARCoNS, MRSA, Enterococcus species, VRE, Beta-Strep Groups A, B and C, Corynebacterium species, Bacillus species, Alpha Strep – BEG and EDTA effective
- Gram negative: E. coli, Klebsiella pneumoniae and oxytoca, Pseudomonas aeruginosa, Citrobacter koseri, Acinetobacter, Salmonella and Serratia species – BEG effective
- Mold: Aspergillus, Penicillium, Trichophyton, Microsporium, Cladosporium, Chrysosporium and Pullularia species – BEG and EDTA effective
- Yeast: Candida albicans and guilliermondii, Cryptococcus albidus and uniguttulatus, Rhodotorula Mucilaginosa – BEG and EDTA effective

The Corynebacterium species, Bacillus species and yeast were tested against EDTA only which indicates sensitivity to the BEG solution. All organisms were tested against the standard BEG solution and/or EDTA. The gram positive organisms, yeast and mold showed excellent sensitivity to EDTA.

**Conclusion:**

- A. The BEG Spray (0.2%, 1%, 0.025%) in-vitro and at significantly less concentration is effective in eradicating gram positive and gram negative bacteria, yeast and mold.
- B. The EDTA 0.2% and as low as 0.05 % eradicated the gram positive bacteria, yeast and mold.
- C. Based upon these in-vitro studies, patients with a Nares Culture showing any of the organisms listed above should be very responsive to the BEG or EDTA for the gram positive, gram negative (BEG only) organisms, yeast and molds.

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