Effect of Phytic Acid on the Efficacy of **Bioactive Desensitizers**



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Introduction

Several clinic-based and home-based treatment dentine desensitizing agents are currently available. However, no single agent is a "gold-standard". Bioactive desensitizers are a promising addition to the current armamentarium.

Objectives

To evaluate dentine tubule occlusion efficacy of Predicta Bioactive Desensitizer, a methacrylate-free, nanohydroxyapatite-based desensitizer, and the effects of phytic acid pretreatment.



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The tubule occlusion efficacy of Predicta Bioactive Desensitizer seems to be more effective with:

- Increased dwelling time on the exposed dentinal surface;
- 1% phytic acid pretreatment without rinse.

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