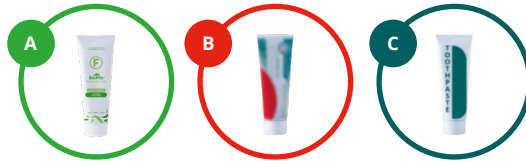


Clinical Evaluation of BioMin® F Toothpaste for Dentine Hypersensitivity, Gingival Health, and Plaque Reduction

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Method

This clinical study assessed **3 key oral health** parameters: **Gingival Index (GI)**, **Plaque Index (PI)**, and **Dentine Hypersensitivity** measured via a Visual Analogue Scale (VAS) in response to air-blast stimuli (0 = no pain, 10 = extreme pain). Participants were divided into three groups.



Group A Fluorocalcium phosphosilicate (BioMin® F)
Group B Pro-Argin™*
Group C Placebo

While the primary focus was dentine hypersensitivity, improvements in GI and PI were also evaluated. Comparative results were assessed over a **1-month period**.

Conclusion

BioMin® F demonstrated **superior performance** in **reducing dentine hypersensitivity** and **improving both gingival and plaque indices**.

BioMin® F showed a statistically **significant reduction** in Gingival Index and Plaque Index versus placebo.

Dentine hypersensitivity was **reduced by approximately 90.7%** in the **BioMin® F** group, significantly outperforming both arginine (56.5%) and placebo (23.4%).

These results highlight **BioMin® F's** potential as a **clinically effective solution** for **managing sensitivity** and supporting overall gum health.

[Read More](#)

* Pro-Argin™ is the active ingredient in Colgate Sensitive Pro-Relief™