

Less is MORE

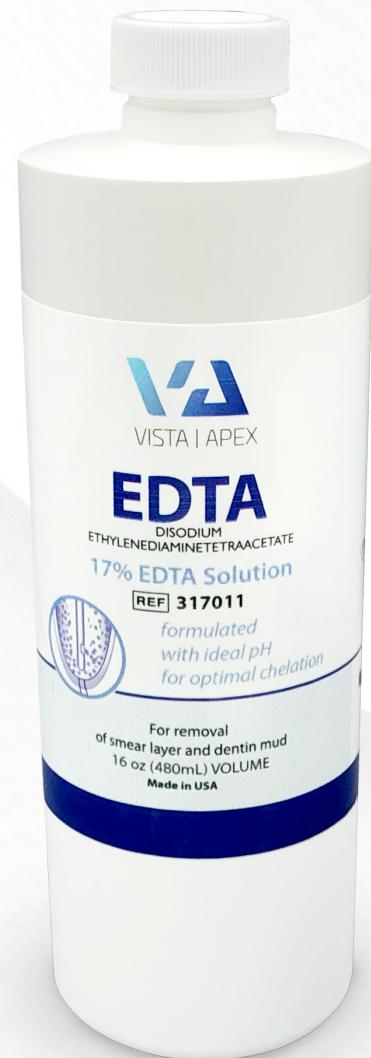
Lower pH = MORE Effective Outcomes

Lower pH is critical to performance and
MORE important than concentration*

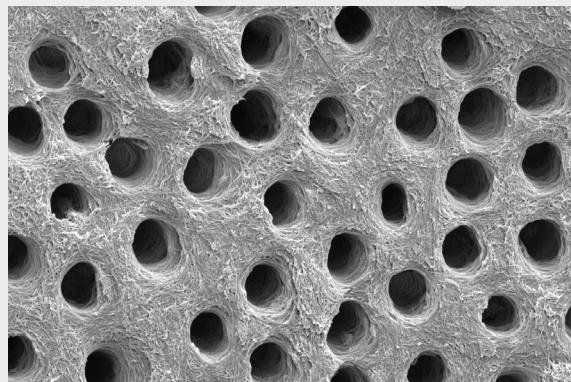
Vista Apex 17% EDTA Solution

- + Prepares dentin walls for better adhesion of filling materials
- + Opens dentin tubules
- + Removes smear layer and dentin mud
- + Enhances cleansing

Compare	Vista Apex	Ultradent®**
pH Level	8.5	11.56
Concentration	17.0%	18.0%



Smear Layer Removal SEM

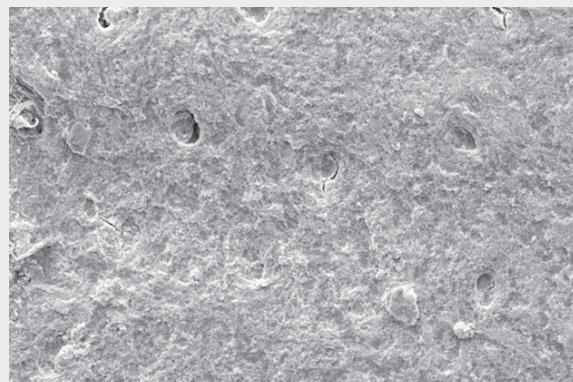


Profound (EDTA 1 2 min coronal)

Vista Apex

17% EDTA

8.5 pH



Minimal (Ultradent)

Ultradent®**

18% EDTA

11.56 pH

*Study Data:
Nikiforuk G, Greenby L. Demineralization of hard tissues by organic chelating agents. Science 1951; 114:560 Cury JA, Bragotto C, Valdrighi L. The demineralizing efficiency of EDTA solutions on dentin. I. Influence of pH. Oral Surg Oral Med Oral Pathol. 1981 Oct; 52(4): 446-8 O'Connell MS, Morgan LA, Beeeler WJ, Baumgartner JC. A comparative study of smear layer removal using different salts of EDTA. J Endod. 2000 Dec; 26(12): 739-43 Serper A, Calt S. The demineralizing effects of EDTA at different concentrations and pH. J Endod. 2002 Jul; 28(7):501-2 Obst JJ. Chelation and dentistry: conceptual orientation. NY J Dent 1962; 30:331-5

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