

## Clinical Case – Class V with Gingivectomy #'s 18 – 20

**Key Attributes:** This case uses Solea to ablate both hard & soft tissue with no anesthesia, no bleeding and fast healing.

*Procedure by Dr. Joshua Weintraub*



*Pre-Op*



*Decay Removed*



*Gingivectomy/prepped*



*Restored*



*2 Week Post-Op*

### Case Summary

The patient presented with class V buccal decay on tooth #s 18 – 21. The decay was subgingival and distal, requiring a minor gingivectomy. While photos illustrate only tooth #20, it should be noted that all four teeth were restored during the same appointment with no anesthetic. The total procedure time was 35 minutes.

### Technique Using Solea

All four teeth were prepared using the “Hard and Soft Tissue” setting and did not require topical or injectable anesthetic. The 1.0 mm spot size was used with 100% mist and cutting speed between 20% - 40% to remove decay. The 1.0 mm spot size and 1% mist was used with cutting speed between 10% - 30% for the minor gingivectomy. The total time required to prep and restore all teeth was approximately 35 minutes.

### Benefits of Solea

Time was saved as a result of not injecting the patient. Additional time was saved during the gingivectomy because there was minimal bleeding, no retraction cord, and not having to wait for hemostasis before restoring the teeth. There was minimal patient discomfort and very fast recovery. Solea provides ease of use and additional time savings because the preparation in its entirety can be managed with a single setting. No additional instruments were required. The entire procedure was managed by the variable speed foot pedal to control cutting speed. As no anesthetic was used, multi-quadrant dentistry could have been performed.