

# Minimal Preparation Veneers after Trauma of Upper Central Incisors

## Case Description

The 25-year-old male had experienced a trauma to his upper central incisors. After clinical and radiographic examination, there was no periapical inflammation. The challenge was to restore both incisors with a high esthetic material on the same day. Two minimal preparation veneers were the best treatment option. The patient wanted the exact same look as before without closing the diastema completely.

As a general digital workflow protocol, the patient was scanned before preparation with CEREC Software in the bio copy catalogue. Minimal preparations were done for maximum conservation of enamel. Tissue retraction was achieved with retraction cords. Preparations were scanned in the upper catalogue following with the lower catalogue and buccal scans. CEREC Software was used to design the veneers respecting the pre-operative bio copy scan. Two CEREC Tessera Advanced Lithium Disilicate shade A2 MT veneers were milled in extra fine mode. Glazing was done with DS Universal Stain & Glaze following the recommended firing parameters. A surface treatment with HF acid 4% was done for 20 sec then 35% Phosphoric acid for 30 sec followed with ultra-sonic cleaning bath with distilled water for 2 minutes. Rubber dam isolation was done as a prerequisite for an ideal bonding protocol. Air abrasion was done with 5% aluminum oxide for 30 seconds for each tooth. Bonding was done with TPH Spectra ST flow Flowable Composite Restorative shade A2.



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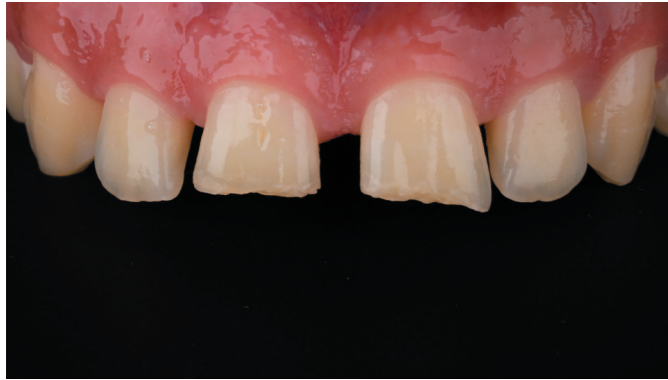


**Before**



**After**

## Clinical Images



1. Clinical situation pre-op

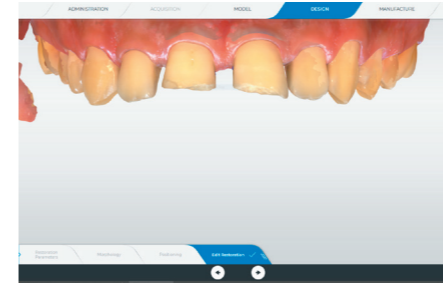


2. Demonstration of desired shape, patient wants to keep diastema



3. Adhesively bonded restorations

## Workflow Images



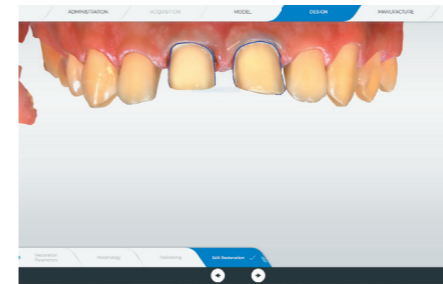
1. Pre-op scan



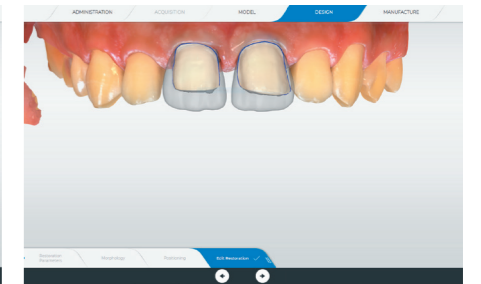
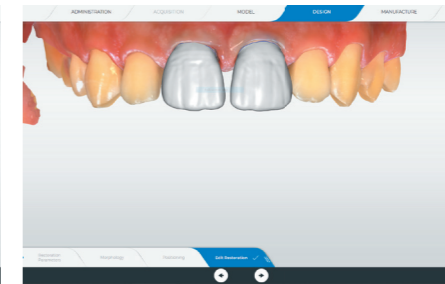
2. Minimal preparation



3. Shade selection



4. Design



5. Occlusal view and check



6. Isolation and preparation for adhesive bonding procedure



7. Final result