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Sagemax experience

NexxZr T Multi  
micro-layered  
by Sky Lee

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Initial situation



The patient wanted a clean, natural look for her upper front teeth. Previous orthodontic treatment had resulted in interproximal decay and the old composites were mismatched in color. The shape of the upper left central and lateral incisors was unattractive and detracted from the esthetics.

Material selection



NexxZr T Multi A1 from Sagemax was selected for its excellent combination of high flexural strength and optimal translucency, offering up to 1200 MPa in the cervical area and 650 MPa in the incisal area.

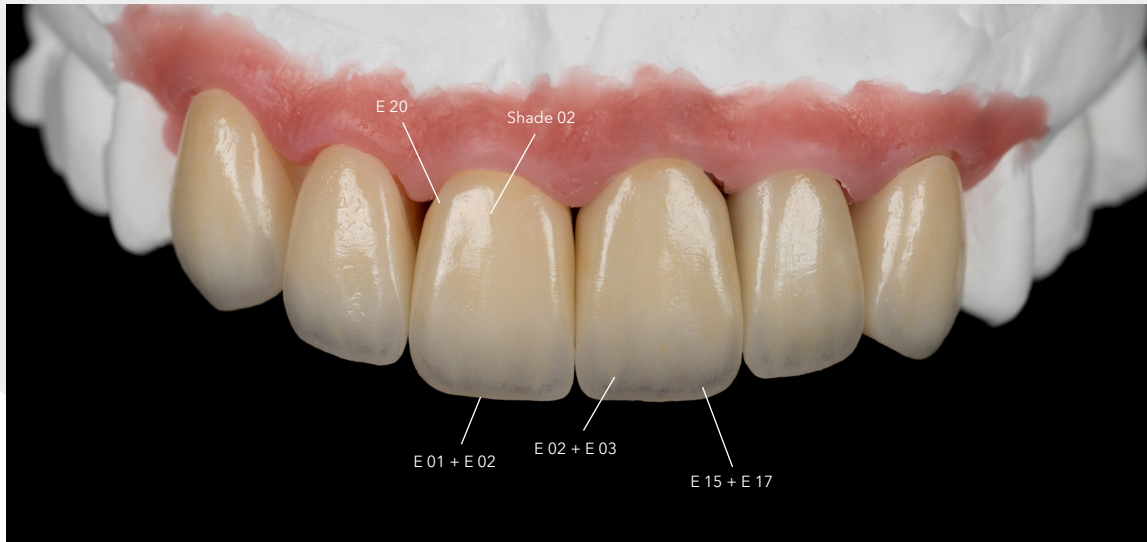
This material effectively addresses tooth discoloration while ensuring both the esthetics and durability of the restorations.

The upper right lateral incisor and canine were restored with zirconia veneers, while the other anterior teeth were designed as zirconia crowns with a cutback of 0.3 - 0.5 mm.



Before staining, NexxZr T Multi already show its excellent shade saturation and nice translucency.

## Crown fabrication



1. Ivocolor Glaze Fluo applied on the entire surface.
2. Ivocolor Shade 02 used to modify the basic tone.
3. A mixture of Ivocolor Essence 15 & Essence 17 applied to the incisal third for deeper translucency.
4. Ivocolor Essence 20 applied to the cervical area.
5. A mixture of Essence 02 & Essence 03 applied to the labial surface to mimic the mammelon structure.
6. A mixture of Essence 01 & Essence 02 applied to the incisal edge for a halo effect.



After staining, a thin layer of semi-transparent material was applied to the labial surface, helping to slightly reduce the brightness. A mixture of PI 2 and OE 1 in a 2:1 ratio was used.



The restoration was finished with Glaze Fluo paste.



During the intra-oral try-in, the patient was very satisfied with the restoration. The form of the anterior teeth was greatly improved, and the shade of all the anterior teeth matched perfectly.

## Final result



In this case, NexxZr T Multi A1 and IPS e.max Ceram (Co. Ivoclar) were used, resulting in a stunning outcome. Despite the less-than-ideal stump shades, it was still possible to restore the teeth to an excellent condition. Through meticulous adjustments, the shape was refined, the shade harmonized, and a natural, attractive smile line was restored.

The patient has regained her confidence and can now showcase a bright, natural smile!



Dental designer

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