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Sagemax experience

NexxZr T Multi & PressCeramic
monolithic by David Raffenaud
& Dr Rémy Ouazana

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Sagemax experience

Initial situation



A 62-year-old patient presenting with crowns that are approximately 15 years old.



A virtual smile simulation was performed to determine the ideal tooth length, width, and shape.

Preparation & treatment plan

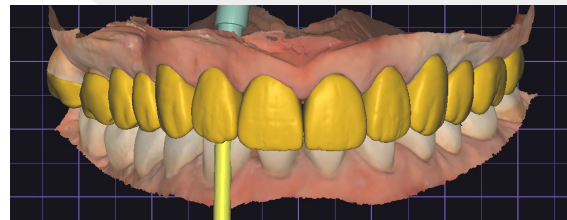
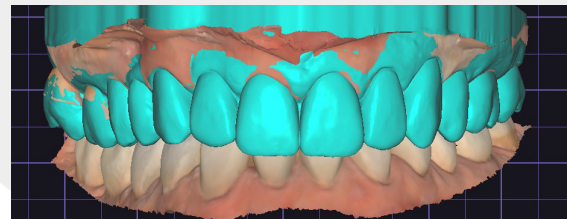
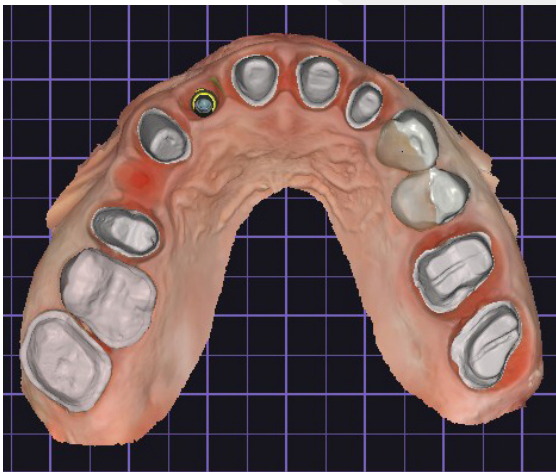


Treatment plan:

- PressCeramic overlays on teeth 16 and 17
- NexxZr T Multi three-unit bridge (15-13) with 15 and 13 as abutments
- Screw-retained NexxZr T Multi crown on implant 12
- NexxZr T Multi single crowns on 11, 21, and 22
- NexxZr T Multi veneers on 23 and 24
- No restoration on 25
- NexxZr T Multi single crowns on 26 and 27

Preparation and digital impression taking were performed. NexxZr T Multi B1 was selected to mask various substrates and enable esthetic restorations on metal-free abutments.

Smile design

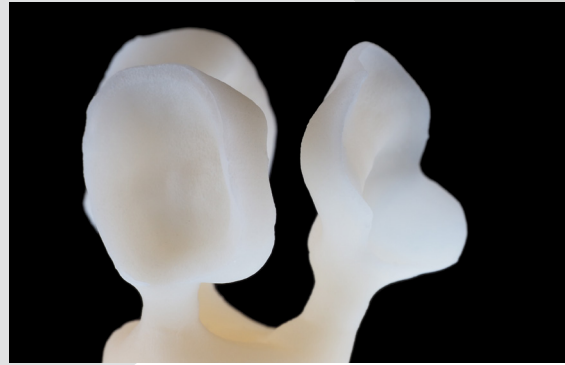
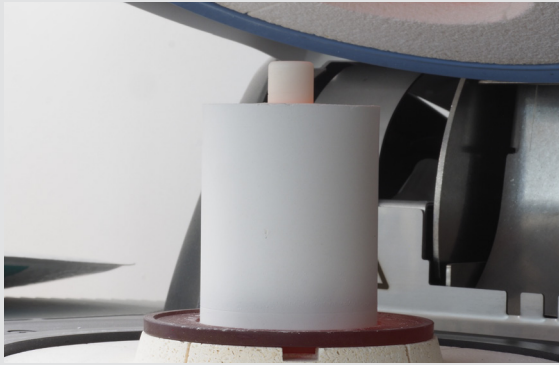


The restorations were designed and modeled using exocad.

Crown manufacturing



The designed crowns were first 3D-printed in resin and then sprued.

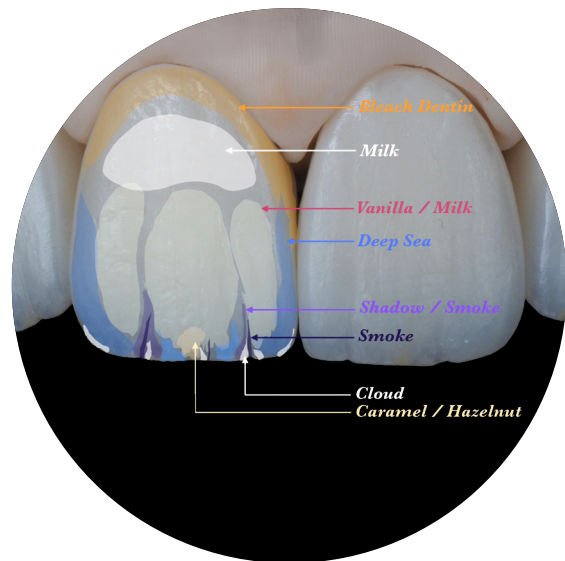


They were subsequently pressed using a PressCeramic LT B1 ingot and divested. The remaining restorations were milled from a NexxZr T Multi B1 disc and subsequently sintered.

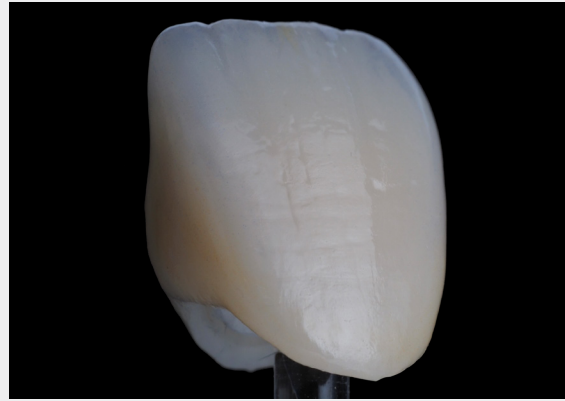
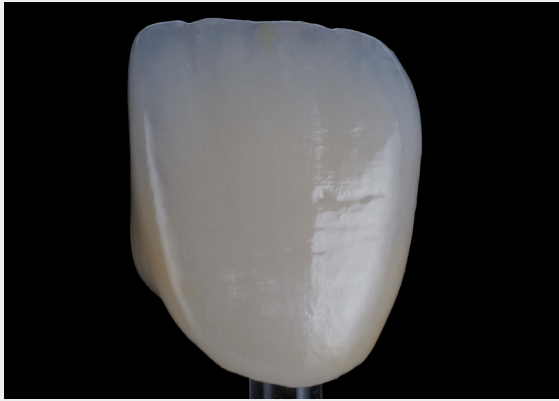
Crown finishing



Natural surface texture was carefully created to enhance the restorations with lifelike morphology and esthetics while maintaining a harmonious overall appearance.



In the next step, the restorations were characterized using the universal coloring system Paint 3D.



The final surface appearance after glazing and manual polishing.

Final polishing



The gingival contact surfaces were carefully polished to achieve a smooth, high-quality finish, promoting improved soft tissue attachment and long-term gingival health around the zirconia restorations.

Final result



Before.



After.



The final result is truly outstanding, demonstrating the excellent combination of lithium disilicate and zirconia to achieve natural esthetics, precise morphology, and seamless integration with the patient's smile.

Dental designers



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