

sagemax[®]



Sagemax experience

NexxZr T white
monolithic
by Helena Rugg

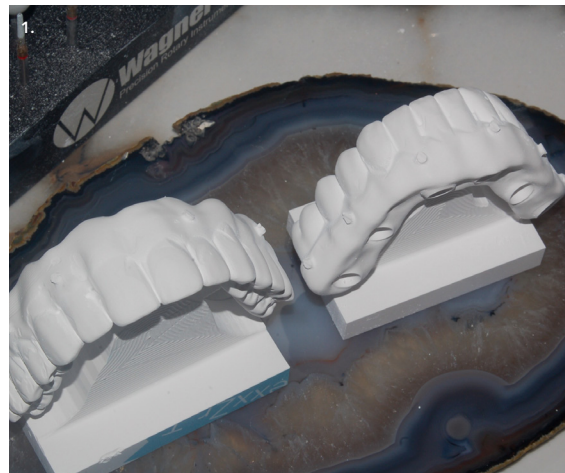
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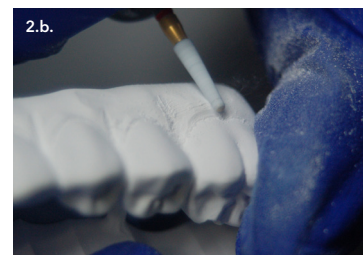
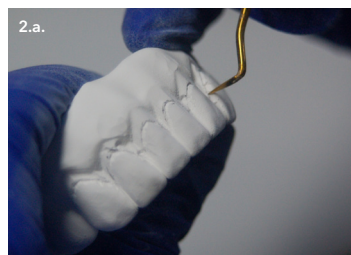
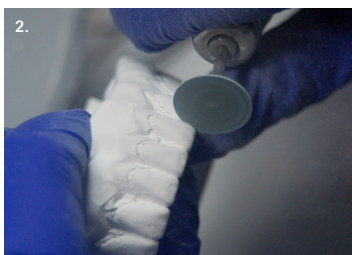
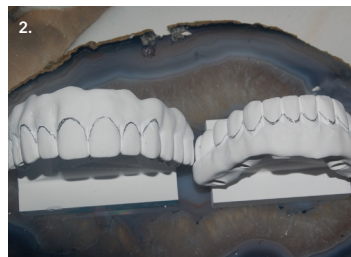
Production Steps for Sagemax Zirconia Screw-retained Hybrid

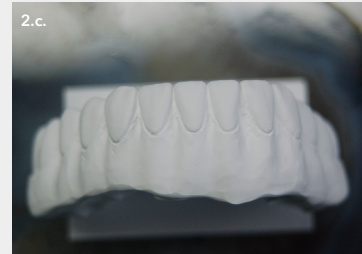
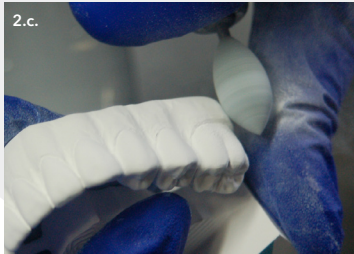
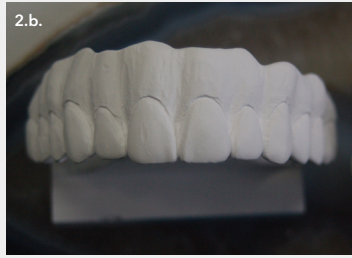
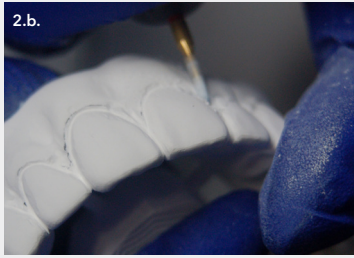
Green State

1. Using a high-speed hand piece, cut out the milled zirconia from the Sagemax puck and relieve the areas where the milling supports connected to the milled zirconia full arch, leaving the stabilizer for sintering purposes.



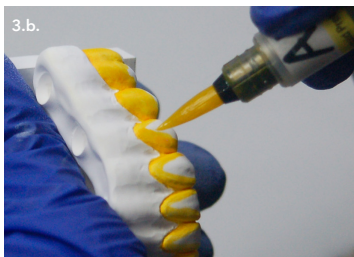
2. Utilizing a rubber cutting wheel and the green state kit, define the teeth and define the tissue from the teeth.
a. Using a pointed scraping tool, add characterization to each tooth while in the green state zirconia
b. Deepen the embrasures and reduce the contour of the tissue on the facial
c. Polish the milled zirconia to smooth and soften any visible burr marks





3. Remove any dust from the milled green state and start staining with the dentin color (Colour Liquid Aquarell Prettau by Zirkozahn).

- a. Start with the embrasures to create depth
- b. Add a coat of color all around the cervical area and the deepest part of the anatomy. This should cover about halfway down the teeth and more of the anatomy
- c. Finish up with 2 coats of color all over the teeth
 - i. Blue and Violet stains are for the incisal
 - ii. Pink stain is for the tissue





4. Heat the stained green state milled zirconia for at least 15 minutes to allow the liquid stain to evaporate keeping the stained color on the green state.

5. Place in sintering oven for long Sagemax overnight firing program.



Sintered State

6. After sintering, cut off the milling stabilizer from the arch.

7. Check the tissue pressure and make any adjustments that are needed.

8. Remove the tissue from master model and seat the arch.

a. Start checking the occlusion

b. Use a small cutting wheel and define the teeth even further, on model if needed

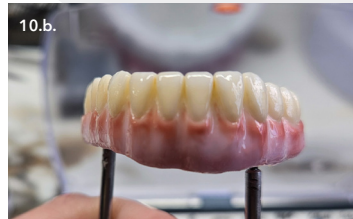


9. Using high speed hand piece and a diamond bur, apply texture to the teeth on the sintered arch.



10. Once the arch is adjusted, defined and texture has been applied, start with staining the arch in the requested tooth shade (liquid ceramic system MiYO by Jenseidental).

- a. Blue, purple, darker mamelon with a lighter mamelon is for the incisal
- b. Two shades of pink for the gum tissue
 - i. Apply more in the deeper areas of the tissue anatomy
 - ii. Fire arch



11. After first firing, apply glaze all over the teeth.

- a. Build pink structure on the facial tissue
- b. Apply pink stain on the back of the tissue
- c. Fire arch



- 12. Once fired, check the arch once more for an adjustments need.
- 13. Once satisfied with color, occlusion, and seating, proceed with cementation.



The completed zirconia arches appear natural and esthetically pleasing, resulting in a happy patient.



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