

Journal of Dental Technology

November/December 2023 Monolithic Restorations Made of Zirconium Oxide: How to Get Maximum Results NBC Approval # 43430

- 1. Morphological details can be created with the aid of fine diamonds that have a geometrical configuration that is amenable to surface contouring.
 - a. True
 - b. False
- Monolithic CAD/CAM zirconia restorations cannot be given individuality and natural beauty by applying external shade effects.
 - a. True
 - b. False
- 3. In the dentin zone, the high-strength zirconium oxide 3Y-TZP endows the material with stability.
 - a. True
 - b. False
- In the incisal area, the disc contains a low translucency zirconium oxide 5Y-TZP, which features a higher flexural strength.
 - a. True
 - b. False
- 5. By removing the reflective layer of zirconium oxide with a long diamond bur, the proper shade comes to the fore, and the real base shade of the zirconium oxide is revealed.
 - a. True
 - b. False

- Using a diamond rubber is not a good choice for applying any necessary corrections or for surface contouring.
 a. True
 - b. False
- When fine-tuning the shape of anterior crowns, it is essential to bear in mind that the gradations in translucency (from cervical to incisal) is more visible if there is a vestibular curvature. This makes the translucency of the incisal third appear more clearly.
 - a. True
 - b. False
- 8. When creating perikymata and grooves, make sure that vertical lines run parallel to the long axis of the tooth and horizontal lines run perpendicular to the long axis.
 - a. True
 - b. False
- 9. Surface textures should be kept light; especially in the incisal third, where a high degree of translucency is essential for a monolithic crown to look natural.
 - a. True
 - b. False
- 10. Mamelon effects can be produced by applying two of the light-reflecting bright stains of the essence kit. These shades are then mixed with a 20% laying material.

Date:

- a. True
- b. False

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