



focus Magazine Article Quiz
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Zirconia Esthetics without Sacrificing High Strength
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1. When zirconia was introduced to the dental field as a substructure material it was a very hard material with no translucency.

- a. True
- b. False

2. The zirconia first introduced also required long sintering cycles and was prone to Low Temperature Degradation.

- a. True
- b. False

3. What this meant for the zirconia is at low temperatures in the presence of water it would begin to degrade and cause catastrophic failures of the restorations.

- a. True
- b. False

4. By changing some of the additive materials, the second generation of materials worked much better. However, it resulted in loss of translucency in material.

- a. True
- b. False

5. The third generation of materials gave rise to the monolithic zirconia restoration.

- a. True
- b. False

6. The industry continued to develop more translucent zirconia materials by decreasing the yttrium.

- a. True
- b. False

7. Today in dentistry, the majority of the zirconia restorations are made from the second and third generation materials.

- a. True
- b. False

8. In this authors opinion he thinks translucent zirconia's such as Zenostar T, Wieland Dental + Technik GmbH are the real workhorse these days. He loves these materials and uses them in most cases.

- a. True
- b. False

9. The author states that with three different materials, he has three different processing methods.

- a. True
- b. False

10. The author states that knowing your materials and what they can and can't do will allow you to guide your dentist clients to their proper use. This will help you to avoid disappointing yourself, the dentist and the patient.

- a. True
- b. False

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