



focus 1st Quarter Quiz 2023

Balancing Esthetics and Patients Health
NBC Approval #49698
CE Broker #20-981804

1. The use of metal ceramic restorations has been significantly increasing.
 - a. True
 - b. False
2. The use of monolithic zirconia often reduces mechanical complications and requires a much less invasive preparation of the tooth structure.
 - a. True
 - b. False
3. Dental zirconia has traditionally been manufactured from tetragonal zirconia polycrystalline with a minor proportion of yttria as a stabilizer (3Y-TZP).
 - a. True
 - b. False
4. This type of zirconia is extremely strong but presents relatively high translucency.
 - a. True
 - b. False
5. After many years in the market, 3Y-TZP was followed by partially stabilized zirconia with a greater yttria concentration.
 - a. True
 - b. False
6. Many zirconia materials are available today and their properties are all the same.
 - a. True
 - b. False
7. The decision on what zirconia materials to use should be decided on only one consideration, which is the wear/abrasion factor against the opposing natural tooth.
 - a. True
 - b. False
8. Grinding the particles down to nano sizes through a colloidal manufacturing process reduced wear on opposing dentition.
 - a. True
 - b. False
9. The more surface areas the grain boundaries have, the greater the durability and resistance to crack propagation.
 - a. True
 - b. False
10. Manufacturing zirconia through a colloidal process that reduces the particle sizes down to nano particles can provide industry-leading esthetics while maintaining the benefits of durability and wear/abrasion resistance to opposing dentition.
 - a. True
 - b. False

Passing quiz grades are worth ½ point documented scientific credit towards your CDT or RG renewal and towards the State of Florida required 18 hours of continuing education. Look for more quizzes in future issues of *focus* magazine!

You must submit your completed quiz to FDLA by fax at (850) 222-3019 or by mail to the address below. For CDT credit, FDLA will report your hours directly to NBC. For State of Florida credit, FDLA will upload the information to CE Broker. Please allow 2 – 4 weeks to process your quiz.

Name: _____ CDT # if applicable: _____ DOH Lic #: _____

Laboratory Name: _____

Address/City/State/Zip: _____

Phone: _____ Email: _____

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