



focus Magazine Article Quiz
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“Why Temperature Control is Critical in Dental Ceramic Firing”

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CE Broker #: 20-540504

1. A recent study found 75% dentists switch laboratories.
 - a. True
 - b. False
2. Most dentist will switch laboratories because of:
 - a. Cost
 - b. Friend referral
 - c. Inconsistency in the quality of the finished product.
3. In the ceramic world, isolating problematic issues generally boils down to 2 phases. These are the prep work done prior to firing the ceramic, and the firing work itself.
 - a. True
 - b. False
4. Perfectly prepared cases can be ruined by an unstable firing environment (porcelain furnace.)
 - a. True
 - b. False
5. Most modern vacuum porcelain furnaces have a spiral wound heating element encased in tubular quartz which covers the inside surface of the muffle.
 - a. True
 - b. False
6. Firing parameters you employ will be the same whether you are using 115 volt furnace versus a 220 volt furnace.
 - a. True
 - b. False
7. With a single point temperature calibration, the further you are away from that single point to the cold or hot side (positive or negative), the more temperature inaccuracy you will encounter.
 - a. True
 - b. False
8. The calibration of the entire range of the desired temperature operation is best accomplished by using a multiple temperature check points, instead of just a single one.
 - a. True
 - b. False
9. For a ceramic furnace to be a viable asset, it will need to be accurate and correctable for the user. Those furnaces that use the three point calibration system have the ability.
 - a. True
 - b. False
10. The goal of this article was to explore the many controllable parameters of heating, pressing and vitrifying dental porcelain materials.
 - 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 FDIA by fax at (850) 222-3019 or by mail to the address below. For CDT credit, FDIA will report your hours directly to NBC. For State of Florida credit, FDIA will email or mail a certificate to the person listed below. Please allow 2 – 4 weeks to process your quiz.

Name: _____ CDT # if applicable: _____ FL License # _____

Laboratory Name: _____

Address/City/State/Zip: _____

Phone: _____ Email: _____

FDIA, 325 John Knox Rd, Ste L103, Tallahassee, Florida 32303 • (850) 224-0711 phone • (850) 222-3019 FAX

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