

# **PRACTICAL CLINICAL COURSES**

A Service of the Gordon J. Christensen  
Career Development Program

## **V1913 Ending the Crown Confusion – What's Best & Where?**

Gordon J. Christensen, DDS, MSD, PhD

### **Materials Included**

C.E. Instruction Sheet  
Products List  
AGD Post-Test

**Gordon J. Christensen**  
**PRACTICAL CLINICAL COURSES**

**PROCEDURE FOR RECEIVING**  
**ACADEMY OF GENERAL DENTISTRY**  
**AND STATE CREDIT**  
**FOR CE VIDEOS**

1. Complete the enclosed Post-Test.\* For each **CE Video Purchased**, one test is included. If additional tests are needed, the following fees will apply: \$25 per test for 1 additional dentist; \$20 per test for each auxiliary (dental assistants, hygienists, lab technicians - no limit on auxiliary tests). Fees can be paid either by check or credit card when tests are submitted to Practical Clinical Courses.
2. Complete the demographic information located at the end of the test.  
**Type of Credit:**
  - a. If the applicant selects "AGD," PCC will send notification to both the applicant and the Academy of General Dentistry. (The AGD will also notify applicant of credits earned by printout information.)
  - b. If the applicant selects "State," PCC will send a certificate of verification to the applicant. The applicant must then submit this certificate to his/her state board to obtain credit.
  - c. If the applicant selects "Both," PCC will complete a. & b. above.
3. Return the **Post-Test portion** via mail, fax, or email. Our contact information is as follows:

**Practical Clinical Courses**  
**3707 N Canyon Road**  
**Suite 3D**  
**Provo, UT 84604**  
**Fax: (801) 226-8637**  
[\*\*info@pccdental.com\*\*](mailto:info@pccdental.com)

4. Practical Clinical Courses will correct the Post-Test. **Passing scores are 70% or higher.**

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*Sources of Products Discussed in*

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Presented by: Gordon J. Christensen, DDS, MSD, PhD

<b>Product Name</b>	<b>Company Name</b>	<b>Phone Number</b>
<a href="#"><u>BruxZir Zirconia</u></a>	Glidewell	800-854-7256
<a href="#"><u>C&amp;B-Metabond Quick!</u></a>	Parkell, Inc.	800-243-7446
<a href="#"><u>CS 3600 Intraoral Scanner</u></a>	Carestream Dental LLC	800-944-6365
<a href="#"><u>CEREC Omnicam</u></a>	Dentsply Sirona	844-848-0137
<a href="#"><u>CEREC Primescan AC</u></a>	Dentsply Sirona	844-848-0137
<a href="#"><u>CZR Press/CZR Press LF</u></a>	Kuraray Noritake Dental Inc.	800-496-9500 (Zahn)
<a href="#"><u>GC FujiCEM 2</u></a>	GC America Inc.	800-323-7063
<a href="#"><u>GC FujiCEM Evolve</u></a>	GC America Inc.	800-323-7063
<a href="#"><u>IPS e.max</u></a>	Ivoclar Vivadent Inc.	716-691-0010
<a href="#"><u>iTero Element/Element 2/Element Flex</u></a>	Align Technology, Inc.	800-577-8767
<a href="#"><u>Ivoclean</u></a>	Ivoclar Vivadent Inc.	716-691-0010
<a href="#"><u>Maxcem Elite</u></a>	Kerr Corporation	800-537-7123
<a href="#"><u>MicroEtcher II Sandblaster</u></a>	Zest Dental Solutions	800-262-2310
<a href="#"><u>Multilink Automix</u></a>	Ivoclar Vivadent Inc.	716-691-0010
<a href="#"><u>PANAVIA V5</u></a>	Kuraray America, Inc.	800-879-1676
<a href="#"><u>Planmeca Emerald Intraoral Scanner</u></a>	Planmeca USA Inc.	630-529-2300
<a href="#"><u>RelyX Luting Plus Cement</u></a>	3M	888-364-3577
<a href="#"><u>RelyX Unicem 2 Self-Adhesive Resin Cement</u></a>	3M	888-364-3577
<a href="#"><u>Straumann CARES Intraoral Scanner</u></a>	Straumann USA LLC	800-448-8168
<a href="#"><u>3Shape TRIOS Intraoral Scanner</u></a>	3Shape, Inc.	908-867-0144
<a href="#"><u>True Definition Scanner</u></a>	Midmark Corporation	844-856-1235

***Product names, the products themselves, and company names change rapidly. Please contact the companies shown to confirm current information.***

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## POST-TEST

### **V1913 Ending the Crown Confusion - What's Best & Where?**

1. Which crown preparation requires 1mm chamfer around the tooth?
  - a. Full zirconia
  - b. Porcelain-fused-to-metal
  - c. Lithium disilicate
  - d. Cast gold
  
2. Which of the scanners listed is not a popular Digital Impression Scanner?
  - a. Planmeca Emerald Scanner (Henry Schein)
  - b. WorkForce ES-400 (Epson)
  - c. CEREC Omnicam/Sirona (Patterson)
  - d. TRIOS 3D Intra-Oral Scanner (3 SHAPE)
  
3. From the Glidewell Data of 2019, 66% of which product was produced from digital impressions?
  - a. Porcelain-fused-to-metal
  - b. Comfort Splint
  - c. e.Max
  - d. BruxZir
  
4. Positive qualities of gold alloy restorations include all, but:
  - a. a long history of clinical success.
  - b. high strength.
  - c. lack of wear on opposing teeth, if properly quenched.
  - d. the cost.
  
5. Which is the preferred cement for porcelain-fused-to-metal crowns?
  - a. Resin-modified glass ionomer
  - b. Polycarboxylate
  - c. Zinc phosphate
  - d. Zinc oxide eugenol
  
6. For an easier removal of lithium disilicate (IPS e.max) crowns, use of which product/products is recommended?
  - a. CORONAFlex by KaVo
  - b. Crown Adapter Pliers by Nordent
  - c. Diamonds, straight chisel and mallet
  - d. Wynman Crown Gripper by Integra Miltex

## POST-TEST

### V1913 Ending the Crown Confusion - What's Best & Where?

7. The first generation of dental full-strength zirconia (BruxZir) was in which ISO/ADA classification?
  - a. Class 1
  - b. Class 5
  - c. Class 3
  - d. Class 4
  
8. Of which ISO/ADA category of material is IPS e.max?
  - a. Tetragonal zirconia
  - b. Leucite glass-ceramic
  - c. Lithium disilicate
  - d. Cubic-containing zirconia
  
9. What is a major cause of opposing tooth wear with many zirconia crowns?
  - a. Temporary too high at time of preparation
  - b. Lab reduction of occlusion
  - c. A high polished, non-glazed crown
  - d. Glaze placed on crown
  
10. At 7 years, in CR tests, the original BruxZir had what percentage rate of survival?
  - a. 5%
  - b. 10%
  - c. 50%
  - d. 100%
  
11. Which material has been removed from the market and is being replaced by 5Y or combination products because of lack of strength?
  - a. Porcelain-fused-to-metal
  - b. Class 5 zirconia
  - c. Gold alloy
  - d. The original "Translucent Zirconia" - up to 7Y
  
12. TRAC Research, in a 12-year study, found which cement is best for veneered full-strength zirconia crowns?
  - a. Resin-modified-glass-ionomer
  - b. Resin
  - c. Glass ionomer
  - d. Zinc phosphate

**POST-TEST**

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- 13. Which crown material has TRAC Research shown to have an unacceptable debonding rate?
  - a. Full zirconia
  - b. Lithium disilicate
  - c. Polymer, resin-nano ceramic
  - d. Porcelain-fused-to-metal
  
- 14. What information should be included in a patient informed consent?
  - a. Alternatives for their specific situation
  - b. Advantages and disadvantages of each situation
  - c. Risks of each alternative
  - d. All of the above
  
- 15. Which category of cement is recommended to use with a questionably retentive prep with low caries risk?
  - a. Resin-modified glass ionomer cement
  - b. Glass ionomer cement
  - c. Self-adhesive resin cement
  - d. Polycarboxylate cement

**PLEASE PRINT**

Name \_\_\_\_\_

Name of video purchaser (if different from above) \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Phone No. \_\_\_\_\_

Email \_\_\_\_\_

Indicate which type of credit you wish to obtain:  AGD  State  Both

State License No. \_\_\_\_\_ AGD No. \_\_\_\_\_

Payment information  Visa  American Express  Mastercard  Discover

Card # \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ Expires \_\_\_\_/\_\_\_\_ CVV2-Code: \_\_\_\_\_

The test is complimentary for the purchaser. *If you require CE tests for staff members or an additional doctor to receive credit, the fees are:*

**Dentist** (limit 1 additional dentist per video purchase): \$25

**Auxiliary** (no limit): \$20 for each auxiliary taking test