

# **PRACTICAL CLINICAL COURSES**

A Service of the Gordon J. Christensen  
Career Development Program

## **V4755**

### **Understanding Dental Concepts, Equipment, Materials, and Techniques**

Gordon J. Christensen, DDS, MSD, PhD

#### **Materials Included**

C.E. Instruction Sheet  
Products List  
Clinician Responsible  
Goals & Objectives  
Overview  
References  
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 per dentist (limit 1 additional dentist per video purchased); \$10 per test per 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.**

Gordon J. Christensen  
**PRACTICAL CLINICAL COURSES**

*Sources of Products Discussed in*

**V4755 Understanding Dental Concepts, Equipment, Materials, and  
Techniques**

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

- |    |   |    |  |
|----|---|----|--|
| 1. | <b>Crown &amp; Bridge Model</b><br>Kilgore International, Inc.<br>36 West Pearl Street<br>Coldwater, MI 49036<br>(800)892-9999<br>(517)279-9123<br><a href="http://www.kilgoreinternational.com">www.kilgoreinternational.com</a> | 5. | <b>Periodontal Model</b><br>Kilgore International, Inc.<br>36 West Pearl Street<br>Coldwater, MI 49036<br>(800)892-9999<br>(517)279-9123<br><a href="http://www.kilgoreinternational.com">www.kilgoreinternational.com</a> |
| 2. | <b>Invisalign</b><br>Align Technology, Inc.<br>2560 Orchard Parkway<br>San Jose, CA 95131<br>(408)470-1000<br><a href="http://www.invisalign.com">www.invisalign.com</a>  | 6. | <b>Physics Forceps</b><br>Golden Dental Solutions<br>18525 Moross Road<br>Detroit, MI 48224<br>(877)987-2284<br><a href="http://www.physicsforceps.com">www.physicsforceps.com</a>   |
| 3. | <b>Luxator</b><br>JS Dental Mfg. Inc.<br>P.O. Box 904<br>Ridgefield, CT 06877<br>(800)284-3368<br>(203)438-8832<br><a href="http://www.jsdental.com">www.jsdental.com</a>   | 7. | <b>Proximator</b><br>Karl Schumacher<br>108 Lakeside Drive<br>Southampton, PA 18966<br>(800)523-2427<br>(215)322-0511<br><a href="http://karlschumacher.com">http://karlschumacher.com</a>                                 |
| 4. | <b>MDI Mandible (Implant)<br/>Model</b><br>3M ESPE Dental Products<br>3M Center<br>Bldg. 275-2SE-03<br>St. Paul, MN 55144<br>(800)634-2249<br><a href="http://www.3mespe.com">www.3mespe.com</a>                                  |    |  |

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

Gordon J. Christensen Practical Clinical Courses, 3707 North Canyon Road, Suite 3D, Provo, UT 84604  
Toll Free (800) 223-6569 or Utah Residents (801) 226-6569

The techniques and procedures on this videotape are intended to be suggestions only. Any licensed practitioner viewing this presentation must make his or her own professional decisions about specific treatment for patients. PCC is not responsible for any damages or other liabilities (including attorney's fees) resulting, or claimed to result in whole or in part, from actual or alleged problems arising out of the use of this presentation.

## **PROGRAM**

### **V4755 Understanding Dental Concepts, Equipment, Materials, and Techniques**

#### **CLINICIAN RESPONSIBLE:**

**Gordon J. Christensen, DDS, MSD, PhD**  
CEO, Practical Clinical Courses  
CEO, CR Foundation  
Practicing Prosthodontist, Provo, Utah

#### **GOALS & OBJECTIVES**

At the completion of this video presentation, participants should be able to accomplish the following:

1. Define the characteristics of a typical dentist.
2. Discuss the characteristics of oral diagnosis and treatment planning.
3. Define and discuss endodontics.
4. List five procedures in esthetic/cosmetic dentistry.
5. Define and draw a typical dental root-form implant.
6. Define implant prosthodontics.
7. Define implant surgery.
8. Define occlusion.
9. List the major procedures accomplished in operative or restorative dentistry.
10. List 4 types of oral radiographs.
11. Define what oral and maxillofacial surgeons accomplish.
12. Define orthodontics.
13. Compare what pediatric dentists do relative to typical general dentists.
14. Define periodontics and what they do.
15. Define preventive dentistry.
16. List two subspecialties present in prosthodontics.
17. Define the dental industry.
18. Define dental assistants and what they do.
19. Define dental hygienists and what they do.
20. Define dental technicians and what they do.

## OVERVIEW

### **V4755 Understanding Dental Concepts, Equipment, Materials, and Techniques**

This presentation is planned to be used by any person who is attempting to get a “quick-start” into dentistry. Such persons are: those considering becoming dental assistants, hygienists, technicians, or dentists, sales persons, inventors, telephone marketers, front desk people in dental offices, new dental assistants, hygienists, or technicians, educators in other health sciences, or many others.

The following and other topics are included in this video:

1. What is a dentist?
2. Diagnosis and treatment planning
3. Endodontics
4. Esthetic/cosmetic dentistry
5. Dental implants
6. Implant surgery
7. Implant prosthodontics
8. Occlusion
9. Operative dentistry/restorative dentistry
10. Oral and maxillofacial radiography
11. Oral and maxillofacial surgery
12. Orthodontics
13. Pediatric dentistry
14. Periodontics
15. Preventive dentistry
16. Prosthodontics
17. Fixed prosthodontics
18. Removable prosthodontics
19. Maxillofacial prosthetics
20. The dental industry
21. Dental assisting
22. Dental hygiene
23. Dental technology

Each defined area contains adequate information to allow viewers to be conversant in these major areas of dentistry.

## REFERENCES

### **V4755 Understanding Dental Concepts, Equipment, Materials, and Techniques**

1. Christensen GJ. Increasing Patient Service by Effective Use of Dental Hygienists. *JADA* 1995; 126(9):1291-4.
2. Christensen GJ. Educating Dental Staff Members for Optimum Patient Service. *JADA* 1999; 130(12):1783-5.
3. Christensen GJ. Gifts to give yourself for the new year. *JADA* 2004; 135(1):75-7.
4. Christensen GJ. Continuing education – The good, the bad and the ugly. *JADA* 2004; 135(7):921-4.
5. Christensen GJ. Why expand the role of dental staff members? *JADA* 2001; 132(4):529-31.
6. Christensen GJ. Developing your staff into a patient education team. *JADA* 2009; 140(12):1536-8.
7. Manfredini D, Winocur E, Guarda-Nardini L, Lobbezoo F. Self-reported bruxism and temporomandibular disorders: findings from two specialised centres. *J Oral Rehabil*. 2012 Jan 17. doi: 10.1111/j. 1365-2842.2011.02281.x. [Epub ahead of print].
8. Essen SD. Digital imaging in dentistry. *Today's FDA*. 2011 Sep-Oct; 23(6):62-8.
9. Ramos-Gomez F, Ng MW. Into the future: keeping healthy teeth caries free: pediatric CAMBRA protocols. *J Calif Dent Assoc*. 2011 Oct; 39(10):723-33.
10. van Noort R. The future of dental devices is digital. *Dent Mater*. 2012 Jan; 28(1):3-12. Epub 2011 Nov 26.
11. Nadig RR, Usha G, Kumar V, Rao R, Bugalia A. Geriatric restorative care - the need, the demand and the challenges. *J Conserv Dent*. 2011 Jul; 14(3):208-14.
12. Furusawa M, Takahashi J, Isoyama M, Kitamura Y, Kashima T, Ueshima F, Nakahama N, Araki M, Rokukawa Y, Takahashi Y, Makiishi T, Yatabe K. Effectiveness of dental checkups incorporating tooth brushing instruction. *Bull Tokyo Dent Coll*. 2011; 52(3):129-33.
13. Niederman R. Are lasers as effective as scaling for chronic periodontitis? *Evid Based Dent*. 2011; 12(3):80-1. doi: 10.1038/sj.ebd.6400811.
14. Park YS, Ahn JS, Kwon HB, Lee SP. Current status of dental caries diagnosis using cone beam computed tomography. *Imaging Sci Dent*. 2011 Jun; 41(2):43-51. Epub 2011 Jun 23.
15. Napier B. The relationship between dentists and dental laboratories – predictions for the future. *J Calif Dent Assoc*. 2011 Aug; 39(8):569-71.
16. Christensen, GJ. (2002). *A Consumer's Guide to Dentistry*, Second Edition. St. Louis, MO: Mosby, Inc.
17. Goldstein, RE. (2009). *Change Your Smile-Discover How a New Smile Can Transform Your Life*, Fourth Edition. Hanover Park, IL: Quintessence Publishing Co., Inc.

## POST TEST

### **V4755 Understanding Dental Concepts, Equipment, Materials, and Techniques**

1. Endodontics involves treatment of primarily:
  - a. the gums and supporting bone.
  - b. dead (non-vital) teeth.
  - c. children's dental needs.
  - d. removal of teeth.
  
2. Orthodontics involves primarily:
  - a. the gums and bone.
  - b. dead teeth.
  - c. children's dentistry.
  - d. removal of teeth.
  - e. straightening teeth.
  
3. Pediatric dentistry involves primarily:
  - a. the gums and bone.
  - b. dead teeth.
  - c. children's dentistry.
  - d. root canals.
  
4. Prosthodontics primarily involves:
  - a. dentures and bridges.
  - b. dead teeth.
  - c. straightening teeth.
  - d. children's dentistry.
  
5. Esthetic/cosmetic dentistry:
  - a. involves almost every area of clinical dentistry.
  - b. is not a specialty.
  - c. includes veneers.
  - d. all of the above.
  
6. Periodontics involves primarily:
  - a. removal of teeth.
  - b. dead teeth.
  - c. gums and bone.
  - d. straightening teeth.
  
7. Dental technicians are:
  - a. in almost every general dentist's office.
  - b. involved primarily with children's dentistry.
  - c. not involved with fabricating crowns, bridges, and other appliances.
  - d. none of the above.

**POST TEST (CONT'D)**

**V4755 Understanding Dental Concepts, Equipment, Materials, and Techniques**

- 8. Dental hygienists primarily:
  - a. make crowns.
  - b. clean teeth.
  - c. treat children.
  - d. do diagnosis and treatment planning.
  
- 9. Implant surgery (placement of dental implants) is:
  - a. accomplished only by oral surgeons.
  - b. a specialty.
  - c. a very commonly accomplished procedure for general dentists.
  - d. none of the above.
  
- 10. A cone-beam radiograph is:
  - a. a single view of only one area of the oral cavity.
  - b. mandatory for a tooth removal.
  - c. used primarily to determine placement of implants and other surgical procedures.
  - d. necessary for placing fillings (restorations).

**PLEASE PRINT**

Name \_\_\_\_\_

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

Address \_\_\_\_\_

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

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

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

AGD No. \_\_\_\_\_

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