

# **PRACTICAL CLINICAL COURSES**

A Service of the Gordon J. Christensen  
Career Development Program

**V4793**

## **What Technologies Do YOU Really Need?**

Gordon J. Christensen, DDS, MSD, PhD

### **Materials Included**

C.E. Instruction Sheet  
Products List  
Clinicians 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.**

***\*TO OBTAIN CE CREDIT ONLINE:*** Login or create an account on [www.pccdental.com](http://www.pccdental.com) and select "My CE Tests" from the left-side menu. Click on the video title to take the test online. **RESULTS ARE IMMEDIATE.** Missing the test? Contact us at 800-223-6569 during our business hours of 7:00 a.m. – 5:00 p.m. MST to add it to your account.

Gordon J. Christensen  
**PRACTICAL CLINICAL COURSES**

*Sources of Products Discussed in*

**V4793 What Technologies Do YOU Really Need?**

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

1. **Airflow Prophylaxis Master**  
EMS Dental – International  
Chemin de la Vuarpillière, 31  
1260 Nyon  
Switzerland  
41-22-99-44-700  
[www.ems-dental.com](http://www.ems-dental.com)
2. **AltoSignal**  
AltoSignal  
26982 Dew Drop Road  
Pioneer, CA 95666  
(408)627-7794  
[www.altosignal.com](http://www.altosignal.com)
3. **Bio/Screen**  
AdDent, Inc.  
43 Miry Brook Road  
Danbury, CT 06810  
(855)211-3413  
(203)778-0200  
[www.addent.com](http://www.addent.com)
4. **Bruxism & Sleep Monitor (Apnea Monitor)**  
DDME, Inc.  
1929 Corta Bella Drive  
Las Vegas, NV 89134  
(800)513-9337  
(702)420-7030  
[www.ddmeonline.com](http://www.ddmeonline.com)
5. **Bruxism & Sleep Monitor (Nox T3)**  
Whip Mix Corp.  
361 Farmington Avenue  
Louisville, KY 40209  
(800)626-5651  
(502)637-1451  
[www.whipmix.com](http://www.whipmix.com)
6. **CamX Spectra Caries Detection Aid**  
Air Techniques, Inc.  
1295 Walt Whitman Road  
Melville, NY 11747  
(800)247-8324  
(516)433-7676  
[www.airtechniques.com](http://www.airtechniques.com)
7. **Canon EOS 80D Digital Dental Camera System**  
PhotoMed International  
14141 Covello Street  
Building 7, Suite C  
Van Nuys, CA 91405  
(800)998-7765  
(818)908-5369  
[www.photomed.net](http://www.photomed.net)
8. **Cavitron Prophy-Jet**  
Dentsply Sirona  
221 West Philadelphia Street  
Suite 60W  
York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
9. **Cavitron Touch Ultrasonic Scaling System**  
Dentsply Sirona  
221 West Philadelphia Street  
Suite 60W  
York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
10. **CEREC Omnicam by Sirona**  
Patterson Dental  
1031 Mendota Heights Road  
St. Paul, MN 55120  
(800)328-5536  
(651)686-1600  
[www.pattersondental.com](http://www.pattersondental.com)
11. **Clear Aligners**  
ClearCorrect  
21 Cypress Blvd.  
Suite 1010  
Round Rock, TX 78665  
(888)331-3323  
[www.clearcorrect.com](http://www.clearcorrect.com)
12. **Clear Aligners (Invisalign)**  
Align Technology, Inc.  
2820 Orchard Pkwy.  
San Jose, CA 95134  
(888)822-5446  
(408)470-1000  
[www.invisalign.com](http://www.invisalign.com)
13. **Cone Beam**  
Carestream Dental LLC  
3625 Cumberland Blvd  
Suite 700  
Atlanta, GA 30339  
(800)944-6365  
[www.carestreamdental.com](http://www.carestreamdental.com)
14. **Cone Beam**  
Denterprise International, Inc.  
110 East Granada Blvd.  
Suite 207  
Ormond Beach, FL 32176  
(877)509-3180  
[www.denterpriseintl.com](http://www.denterpriseintl.com)
15. **Cone Beam**  
Dentsply Sirona  
221 West Philadelphia Street  
Suite 60W  
York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)

16. **Cone Beam**  
Gendex Dental Systems  
1910 North Penn Road  
Hatfield, PA 19440  
(800)323-8029  
[www.gendex.com](http://www.gendex.com)
17. **Cone Beam**  
Genoray America Inc.  
147 E. Bristol Lane  
Orange, CA 92865  
(855)436-6729  
(714)289-8020  
[www.genorayamerica.com](http://www.genorayamerica.com)
18. **Cone Beam**  
i-CAT  
1910 North Penn Road  
Hatfield, PA 19440  
(800)205-3570  
(215)997-5666  
[www.i-cat.com](http://www.i-cat.com)
19. **Cone Beam**  
ImageWorks  
8 Westchester Plaza  
Suite 112  
Elmsford, NY 10523  
(914)592-6100  
[www.imageworkscorporation.com](http://www.imageworkscorporation.com)
20. **Cone Beam**  
J. Morita USA, Inc.  
9 Mason  
Irvine, CA 92618  
(800)831-3222  
(949)581-9600  
[www.morita.com](http://www.morita.com)
21. **Cone Beam**  
KaVo Kerr  
1717 West Collins  
Orange, CA 92867  
(714)516-7400  
[www.kavokerr.com](http://www.kavokerr.com)
22. **Cone Beam**  
Owandy Radiology  
199 Park Road Extension  
Suite 107  
Middlebury, CT 06762  
(203)745-0575  
[www.owandy.com](http://www.owandy.com)
23. **Cone Beam**  
Planmeca USA, Inc.  
100 N. Gary Avenue  
Suite A  
Roselle, IL 60172  
(630)529-2300  
[www.planmecausa.com](http://www.planmecausa.com)
24. **Cone Beam**  
PreXion, Inc.  
2077 Gateway Place  
Suite 120  
San Jose, CA 95110  
(650)212-0300  
[www.prexion.com](http://www.prexion.com)
25. **Cone Beam**  
Ray America Inc.  
725 River Road, Suite 118  
Edgewater, NJ 07020  
(800)976-4586  
[www.rayamerica.com](http://www.rayamerica.com)
26. **Cone Beam**  
Vatech America  
2200 Fletcher Avenue  
Suite 705A  
Fort Lee, NJ 07024  
(888)396-6872  
(201)210-5028  
[www.vatechamerica.com](http://www.vatechamerica.com)
27. **Cone Beam (Instrumentarium)**  
KaVo Dental  
11727 Fruehauf Drive  
Charlotte, NC 28273  
(888)275-5286  
[www.kavo.com](http://www.kavo.com)
28. **Cone Beam (NewTom)**  
Cefla North America  
6125 Harris Technology Blvd.  
Charlotte, NC 28269  
(800)416-3078  
(704)598-0020  
[www.cefladental.com](http://www.cefladental.com)
29. **Cosmetic Simulation and Smile Design Software**  
PreVu Dental  
(855)773-8848  
[www.prevudental.com](http://www.prevudental.com)
30. **CS 1500**  
Carestream Dental LLC  
3625 Cumberland Blvd  
Suite 700  
Atlanta, GA 30339  
(800)944-6365  
[www.carestreamdental.com](http://www.carestreamdental.com)
31. **CS 3600 Intraoral Scanner**  
Carestream Dental LLC  
3625 Cumberland Blvd.  
Suite 700  
Atlanta, GA 30339  
(800)944-6365  
[www.carestreamdental.com](http://www.carestreamdental.com)
32. **DEXIS CariVu**  
KaVo Dental  
11727 Fruehauf Drive  
Charlotte, NC 28273  
(888)275-5286  
[www.kavo.com](http://www.kavo.com)
33. **DEXIS DEXcam 3 Intra-Oral Camera**  
KaVo Dental  
11727 Fruehauf Drive  
Charlotte, NC 28273  
(888)275-5286  
[www.kavo.com](http://www.kavo.com)
34. **Elipar DeepCure-S Curing Light**  
3M Oral Care  
3M Center, Bldg. 275-02-SE-03  
St. Paul, MN 55144  
(800)634-2249  
(651)575-5144  
[www.3m.com](http://www.3m.com)
35. **Emerald Intraoral Scanner**  
Planmeca USA, Inc.  
100 North Gary Avenue  
Suite A  
Roselle, IL 60172  
(630)529-2300  
[www.planmecausa.com](http://www.planmecausa.com)

36. **Express Portable Dental Unit (ADU-17 Series)**  
Aseptico  
8333 216<sup>th</sup> Street SE  
Woodinville, WA 98072  
(866)244-2954  
(425)487-3157  
[www.aseptico.com](http://www.aseptico.com)
37. **EyeSpecial C-III**  
Shofu Dental Corporation  
1225 Stone Drive  
San Marcos, CA 92078  
(800)827-4638  
(760)736-3277  
[www.shofu.com](http://www.shofu.com)
38. **Foramatron Apex Locator**  
Parkell, Inc.  
300 Executive Drive  
Edgewood, NY 11717  
(800)243-7446  
(631)249-1134  
[www.parkell.com](http://www.parkell.com)
39. **Form 2**  
Formlabs Inc.  
35 Medford Street  
Suite 201  
Somerville, MA 02143  
(617)702-8476  
[www.formlabs.com](http://www.formlabs.com)
40. **FUSION5 Curing Light**  
DentLight Inc.  
1825 Summit Avenue  
Suite 210  
Plano, TX 75074  
(800)763-6901  
[www.dentlight.com](http://www.dentlight.com)
41. **FUSION-DOE SE Kit**  
DentLight Inc.  
1825 Summit Avenue  
Suite 210  
Plano, TX 75074  
(800)763-6901  
[www.dentlight.com](http://www.dentlight.com)
42. **GentleWave**  
Sonendo, Inc.  
26061 Merit Circle, Suite 102  
Laguna Hills, CA 92653  
(844)766-3636  
(949)766-3636  
[www.sonendo.com](http://www.sonendo.com)
43. **Handpieces (Air)**  
A-dec Inc.  
2601 Crestview Drive  
Newberg, OR 97132  
(800)547-1883  
(503)538-7478  
[www.a-dec.com](http://www.a-dec.com)
44. **Handpieces (Air)**  
Bien-Air USA, Inc.  
5 Corporate Park  
Suite 160  
Irvine, CA 92606  
(800)433-2436  
(949)477-6050  
[www.bienair.com](http://www.bienair.com)
45. **Handpieces (Air)**  
KaVo Dental  
11727 Fruehauf Drive  
Charlotte, NC 28273  
(888)275-5286  
[www.kavo.com](http://www.kavo.com)
46. **Handpieces (Air)**  
Lares Research  
295 Lockheed Avenue  
Chico, CA 95973  
(888)333-8440  
(530)345-1767  
[www.laresdental.com](http://www.laresdental.com)
47. **Handpieces (Air)**  
NSK America Corp.  
1800 Global Parkway  
Hoffman Estates, IL 60192  
(888)675-1675  
[www.nskdental.com](http://www.nskdental.com)
48. **Handpieces (Air)**  
StarDental  
1816 Colonial Village Lane  
Lancaster, PA 17601  
(866)383-4636  
[www.dentalez.com](http://www.dentalez.com)
49. **Handpieces (Air – Midwest Stylus ATC)**  
Dentsply Sirona  
221 West Philadelphia Street  
Suite 60W  
York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
50. **Handpieces (Electric)**  
Bien-Air USA, Inc.  
5 Corporate Park  
Suite 160  
Irvine, CA 92606  
(800)433-2436  
(949)477-6050  
[www.bienair.com](http://www.bienair.com)
51. **Handpieces (Electric)**  
Dentsply Sirona  
221 West Philadelphia Street  
Suite 60W  
York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
52. **Handpieces (Electric)**  
StarDental  
1816 Colonial Village Lane  
Lancaster, PA 17601  
(866)383-4636  
[www.dentalez.com](http://www.dentalez.com)
53. **Handpieces (Electric – ELECTROtorque plus)**  
KaVo Dental  
11727 Fruehauf Drive  
Charlotte, NC 28273  
(888)275-5286  
[www.kavo.com](http://www.kavo.com)
54. **Handpieces (Electric – Ti-Max)**  
NSK America Corp.  
1800 Global Parkway  
Hoffman Estates, IL 60192  
(888)675-1675  
[www.nskdental.com](http://www.nskdental.com)

55. **Handpieces (Hall Surgical)**  
Handpiece Solutions, Inc.  
6785 S. Eastern Avenue  
Suite 11  
Las Vegas, NV 89119  
(888)488-3885  
(702)388-1888  
[www.handpiecesolutions.com](http://www.handpiecesolutions.com)
56. **Handpieces (Surgical)**  
Bien-Air USA, Inc.  
5 Corporate Park  
Suite 160  
Irvine, CA 92606  
(800)433-2436  
(949)477-6050  
[www.bienair.com](http://www.bienair.com)
57. **Handpieces (Surgical)**  
Stryker Corporation  
2825 Airview Blvd.  
Kalamazoo, MI 49002  
(800)962-6558  
(269)385-2600  
[www.stryker.com](http://www.stryker.com)
58. **Handpieces (Surgical)**  
Zimmer Biomet Dental  
4555 Riverside Drive  
Palm Beach Gardens, FL 33410  
(800)342-5454  
(561)776-6700  
[www.zimmerbiometdental.com](http://www.zimmerbiometdental.com)
59. **Handpieces (Surgical – W&H)**  
Patterson Dental  
1031 Mendota Heights Road  
St. Paul, MN 55120  
(800)328-5536  
(651)686-1600  
[www.pattersondental.com](http://www.pattersondental.com)
60. **Identafi**  
DentalEZ Integrated Solutions  
2 West Liberty Blvd.  
Suite 160  
Malvern, PA 19355  
(866)383-4636  
(610)725-8004  
[www.dentalez.com](http://www.dentalez.com)
61. **iLase**  
BIOLASE, Inc.  
4 Cromwell  
Irvine, CA 92618  
(833)246-5273  
(949)361-1200  
[www.biolase.com](http://www.biolase.com)
62. **Implant Guides**  
Implant Concierge  
11503 NW Military Hwy.  
Suite 212  
San Antonio, TX 78231  
(866)977-2228  
[www.implantconcierge.com](http://www.implantconcierge.com)
63. **Implant Motors**  
Aseptico, Inc.  
8333 216<sup>th</sup> Street SE  
Woodinville, WA 98072  
(866)244-2954  
(425)487-3157  
[www.aseptico.com](http://www.aseptico.com)
64. **Implant Motors**  
Nobel Biocare USA, LLC  
22715 Savi Ranch Parkway  
Yorba Linda, CA 92887  
(800)322-5001  
(714)282-4800  
[www.nobelbiocare.com](http://www.nobelbiocare.com)
65. **Implant Motors**  
Nouvag USA, LLC  
6201 Airport Freeway  
Suite 200  
Haltom City, TX 76117  
(800)673-7427  
(817)887-9814  
[www.nouvagusa.com](http://www.nouvagusa.com)
66. **Implant Motors (Implantmed)**  
W&H Dentalwerk Bürmoos GmbH  
Ignaz-Glaser-Strasse 53  
Postfach 1, 5111 Bürmoos  
Austria  
43-6274-6236-0  
[www.wh.com](http://www.wh.com)
67. **Implants**  
Hiossen Implant  
270 Sylvan Avenue  
Suite 1130  
Englewood Cliffs, NJ 07632  
(888)678-0001  
[www.hiossen.com](http://www.hiossen.com)
68. **Implants**  
Implant Direct  
27220 Turnberry Lane  
Suite 200  
Valencia, CA 91355  
(888)649-6425  
(818)444-3333  
[www.implantdirect.com](http://www.implantdirect.com)
69. **Implants**  
Nobel Biocare USA, LLC  
22715 Savi Ranch Parkway  
Yorba Linda, CA 92887  
(800)322-5001  
(714)282-4800  
[www.nobelbiocare.com](http://www.nobelbiocare.com)
70. **Implants**  
Straumann USA LLC  
60 Minuteman Road  
Andover, MA 01810  
(800)448-8168  
(978)747-2500  
[www.straumann.com](http://www.straumann.com)
71. **Implants**  
Zimmer Biomet Dental  
4555 Riverside Drive  
Palm Beach Gardens, FL 33410  
(800)342-5454  
(561)776-6700  
[www.zimmerbiometdental.com](http://www.zimmerbiometdental.com)
72. **Implatest**  
Adam Dental Supplies  
17 Pickering Road  
Mulgrave, Victoria 3170  
Australia  
1300-449-262  
[www.adamdental.com.au](http://www.adamdental.com.au)

73. **IntraSpin by Intra-Lock**  
BioHorizons  
2300 Riverchase Center  
Birmingham, AL 35244  
(888)246-8338  
(205)967-7880  
[www.biohorizons.com](http://www.biohorizons.com)
74. **IRIS HD USB 3.0 Dental Camera**  
Digital Doc LLC  
4789 Golden Foothill Parkway  
El Dorado Hills, CA 95762  
(800)518-1102  
(916)941-8010  
[www.digi-doc.com](http://www.digi-doc.com)
75. **iTero**  
Align Technology, Inc.  
2820 Orchard Parkway  
San Jose, CA 95134  
(888)822-5446  
(408)470-1000  
[www.itero.com](http://www.itero.com)
76. **LightScalpel Lasers**  
LightScalpel LLC  
11818 North Creek Parkway N  
Suite 100  
Bothell, WA 98011  
(866)589-2722  
(425)487-9988  
[www.lightscalpel.com](http://www.lightscalpel.com)
77. **LightWalker**  
Fotona, LLC  
2307 Springlake Road  
Suite 518  
Dallas, TX 75234  
(888)550-4113  
(972)598-9000  
[www.fotona.com](http://www.fotona.com)
78. **Lil' Beaver 2.0 by Vector R&D**  
Scott's Dental Supply  
7217 45<sup>th</sup> Street Court East  
Suite 103  
Fife, WA 98424  
(800)901-3368  
(253)858-9474  
[www.scottsdental.com](http://www.scottsdental.com)
79. **LOCATOR F-Tx and R-Tx**  
Zest Dental Solutions  
2875 Loker Avenue East  
Carlsbad, CA 92010  
(800)262-2310  
(442)244-4835  
[www.zestdent.com](http://www.zestdent.com)
80. **Logicon Caries Detector Software Version 5.2**  
Carestream Dental LLC  
3625 Cumberland Blvd.  
Suite 700  
Atlanta, GA 30339  
(800)944-6365  
[www.carestreamdental.com](http://www.carestreamdental.com)
81. **Loupes**  
Designs for Vision, Inc.  
4000 Veterans Memorial Hwy.  
Bohemia, NY 11716-1024  
(800)345-4009  
(631)585-3300  
[www.designsforvision.com](http://www.designsforvision.com)
82. **Loupes**  
Orascoptic  
6650 Ronald Reagan Avenue  
Madison, WI 53704  
(800)369-3698  
(608)831-2555  
[www.orascoptic.com](http://www.orascoptic.com)
83. **Loupes**  
SurgiTel  
77 Enterprise Drive  
Ann Arbor, MI 48103  
(800)959-0153  
(734)996-9200  
[www.surgitel.com](http://www.surgitel.com)
84. **MicroEtcher CD**  
Zest Dental Solutions  
2875 Loker Avenue East  
Carlsbad, CA 92010  
(800)262-2310  
(442)244-4835  
[www.zestdent.com](http://www.zestdent.com)
85. **Microlux 2 Transilluminator**  
Addent, Inc.  
43 Miry Brook Road  
Danbury, CT 06810  
(855)211-3413  
(203)778-0200  
[www.addent.com](http://www.addent.com)
86. **Microscope (Clinical)**  
Carl Zeiss Microscopy, LLC  
One North Broadway  
White Plains, NY 10601  
(800)233-2343  
(914)747-1800  
[www.zeiss.com](http://www.zeiss.com)
87. **Microscope (Clinical)**  
Global Surgical Corporation  
3610 Tree Court Industrial Blvd.  
St. Louis, MO 63122  
(800)861-3585  
(636)861-3388  
[www.globalsurgical.com](http://www.globalsurgical.com)
88. **Monitors**  
Exorvision  
3417 Evanston Avenue North  
Suite 402  
Seattle, WA 98103  
(877)801-8342  
(206)254-0220  
[www.exorvision.com](http://www.exorvision.com)
89. **Nikon D7200 Digital Dental Camera System**  
PhotoMed International  
14141 Covello Street  
Building 7, Suite C  
Van Nuys, CA 91405  
(800)998-7765  
(818)908-5369  
[www.photomed.net](http://www.photomed.net)
90. **Nitrous Oxide System**  
Accutron, Inc.  
1733 West Parkside Lane  
Phoenix, AZ 85027  
(800)531-2221  
(623)780-2020  
[www.accutron-inc.com](http://www.accutron-inc.com)

91. **Nitrous Oxide System (Fraser MDM Systems)**  
Porter Instrument Company, Inc.  
245 Township Line Road  
Hatfield, PA 19440  
(215)723-4000  
[www.porterinstrument.com](http://www.porterinstrument.com)
92. **NOMAD Pro 2 by Aribex**  
KaVo Kerr  
1717 West Collins  
Orange, CA 92867  
(714)516-7400  
[www.kavokerr.com](http://www.kavokerr.com)
93. **OralID**  
Forward Science  
10401 Greenbough Drive  
Suite 100  
Stafford, TX 77477  
(855)696-7254  
[www.forwardscience.com](http://www.forwardscience.com)
94. **Osstell IDx**  
BioHorizons  
2300 Riverchase Center  
Birmingham, AL 35244  
(888)246-8338  
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97. **PlanMill 40 S by E4D Technologies**  
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[www.planmecausa.com](http://www.planmecausa.com)
98. **Portable Dental Equipment (PDE-181)**  
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101. **Practice Management Software (Open Dental)**  
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103. **Practice Management Software (MOGO)**  
MOGO Headquarters  
414 Plaza Drive, Suite 200  
Westmont, IL 60559  
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[www.mogo.com](http://www.mogo.com)
104. **Practice Management Software (SoftDent)**  
Carestream Dental LLC  
3625 Cumberland Blvd.  
Suite 700  
Atlanta, GA 30339  
(800)944-6365  
[www.carestreamdental.com](http://www.carestreamdental.com)
105. **PrepStart**  
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2200 Fletcher Avenue  
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(201)210-5028  
[www.vatechamerica.com](http://www.vatechamerica.com)
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[www.kavo.com](http://www.kavo.com)
114. **Radiography (Schick)**  
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221 West Philadelphia Street  
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York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
115. **Root ZX II**  
J. Morita USA, Inc.  
9 Mason  
Irvine, CA 92618  
(800)831-3222  
(949)581-9600  
[www.morita.com](http://www.morita.com)
116. **ScanX ILE X-Ray Scanner**  
Air Techniques, Inc.  
1295 Walt Whitman Road  
Melville, NY 11747  
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KometaBio Inc.  
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(201)286-7436  
[www.kometabio.com](http://www.kometabio.com)
119. **Solea**  
Convergent Dental  
140 Kendrick Street  
Building C3  
Needham, MA 02494  
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(508)500-5656  
[www.convergentdental.com](http://www.convergentdental.com)
120. **SonicFill Composite System**  
Kerr Corporation  
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Canada  
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[www.thecanarysystem.com](http://www.thecanarysystem.com)
124. **The Light**  
GC America Inc.  
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Alsip, IL 60803  
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(708)597-0900  
[www.gcamerica.com](http://www.gcamerica.com)
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[www.tekscan.com](http://www.tekscan.com)
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130. **VALO Grand**  
Ultradent Products, Inc.  
505 West 10200 South  
South Jordan, UT 84095  
(888)230-1420  
(801)572-4200  
[www.ultradent.com](http://www.ultradent.com)
131. **VELscope Vx**  
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Unit 150  
Atlanta, GA 30346  
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[www.ledapteryx.com](http://www.ledapteryx.com)
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VITA North America  
22705 Savi Ranch Parkway  
Suite 100  
Yorba Linda, CA 92887  
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(714)221-6782  
[www.vitanorthamerica.com](http://www.vitanorthamerica.com)
133. **ViziLite PRO**  
Den-Mat Holdings, LLC  
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Lompoc, CA 93436-2701  
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(805)922-8491  
[www.denmat.com](http://www.denmat.com)

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## PROGRAM

### V4793 What Technologies Do YOU Really Need?

#### CLINICIANS RESPONSIBLE:

**Gordon J. Christensen, DDS, MSD, PhD**

CEO, Practical Clinical Courses

CEO, CR Foundation

Practicing Prosthodontist, Provo, Utah

#### GOALS & OBJECTIVES

Discuss the following concepts and their potential priority of need for a typical general dental practice:

1. 3D printers
2. Air abrasion, microetching
3. Air polishers, air slurry polishers
4. Bleaching light
5. CAD/CAM for in-office milling
6. Camera, intraoral, TV
7. Camera, intraoral, still
8. Cancer screening device
9. Caries detection device
10. Communication system, intra-office
11. Cosmetic simulator
12. Curing light
13. Electrosurgery
14. Endodontic debridement
15. Film digitizer
16. Furnace, ceramic
17. Hydro-Abrasion
18. Handpiece, air
19. Handpiece, electric
20. Handpiece, air or electric
21. Handpiece, surgical
22. Implants
23. Implants, guided placement
24. Implant motor
25. Implant, stability testing
26. Grafting bone
27. Laser, hard-tissue
28. Laser, soft-tissue
29. Loupes
30. Microscope, clinical
31. Monitors in operatories
32. Nitrous oxide system
33. Occlusion devices
34. Orthodontics, clear aligner treatment
35. Portable dental operatory systems
36. Practice management software
37. Prosthodontic attachments
38. Radiography, cone beam
39. Radiography, extraoral bitewing
40. Radiography, handheld device
41. Radiography, sensors, digital
42. Radiography, sensors, phosphor plate
43. Scalers, ultrasonic
44. Scanners, digital
45. Shade selection devices
46. Sleep monitors
47. Sonic manipulation of restorative materials

## OVERVIEW

### V4793 What Technologies Do YOU Really Need?

The 47 technologies or concepts included in this video have brief discussion in the video and an approximation of the potential influence each has in a typical general dental practice.

- 3D printers
- Air abrasion, microetching
- Air polishers, air slurry polishers
- Bleaching light
- CAD/CAM for in-office milling
- Camera, intraoral, TV
- Camera, intraoral, still
- Cancer screening device
- Caries detection device
- Communication system, intra-office
- Cosmetic simulator
- Curing light
- Electrosurgery
- Endodontic debridement
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- Radiography, sensors, digital
- Radiography, sensors, phosphor plate
- Scalers, ultrasonic
- Scanners, digital
- Shade selection devices
- Sleep monitors
- Sonic manipulation of restorative materials

## REFERENCES

### V4793 What Technologies Do YOU Really Need?

Each of the technologies discussed in this video has significant literature on it. We suggest going to PUBMED or GOOGLE SCHOLAR on the internet for additional information on each concept.

Dental Economics References: (all articles that GJC wrote)

1. Christensen, GJ. Ask Dr. Christensen. Can you detect initial dental caries? Dental Economics. November 2018: 108 (11) 75-78.
2. Christensen, GJ. Ask Dr. Christensen. Reducing caries in proximal boxes of Class II resin restorations. Dental Economics. July 2018: 108 (7) 60-62.
3. Christensen, GJ. Ask Dr. Christensen. Is cone beam really necessary? Dental Economics. May 2018: 108 (5):88-90.
4. Christensen, GJ. Ask Dr. Christensen. Why do I need cone beam? Dental Economics. March 2016; 106 (3): 76-8,80.
5. Christensen, GJ. Ask Dr. Christensen. Preventing and treating caries in mature adults. Dental Economics. December 2015; 105(12): 52-4.
6. Christensen, GJ. Ask Dr. Christensen. Lasers vs. electrosurgery and when to restore carious lesions. Dental Economics. April 2008: 98 (4): 108-109.

JADA References:

7. Christensen, GJ. Successful use of in-office CAD/CAM in a typical practice. J Am Dent Assoc 139 (9): 1257-60. September 2008.
8. Christensen, GJ. In-office CAD/CAM milling of restorations – the future? J Am Dent Assoc 139 (1): 83-5. January 2008.
9. Christensen, GJ. Is now the time to purchase an in-office CAD/CAM device? J Am Dent Assoc 133 (2): 235-8, February 2006.
10. Christensen, GJ. Are Electric Handpieces an Improvement? J Am Dent Assoc 133 (10):1433-1434, October 2002.

DentalTown Reference:

11. Christensen, GJ, Child Jr, PL. Is it time for in-office CAD/CAM milling of restorations to go mainstream? Dental Town. May 2011;12 (5):66-71.

## POST-TEST

### V4793 What Technologies Do YOU Really Need?

1. Cone beam radiology has high importance in practice because:
  - a. it shows conditions not shown on conventional dental radiographs.
  - b. the value of additional information provided is high.
  - c. the radiation is low.
  - d. all of the above.
  
2. 3D printers are:
  - a. rapidly replacing conventional fabrication concepts in clinical dentistry.
  - b. not a valuable concept.
  - c. now beginning to come into clinical dentistry.
  - d. none of the above.
  
3. Bleaching lights are:
  - a. a valuable adjunct for rapid bleaching.
  - b. well proven to be effective.
  - c. primarily a potential marketing tool.
  - d. essential for optimum bleaching.
  
4. CAD/CAM milling in clinical dental offices is:
  - a. accomplished by most general dentists.
  - b. a well-proven, but minimally used concept by most dentists.
  - c. more accurate clinically than conventional crown fabrication methods.
  - d. capable of making margins fit better than conventional methods.
  
5. Resin curing lights:
  - a. are nearly all the same.
  - b. are not working well.
  - c. are not used properly in many dental offices.
  - d. have no potential problem for the dental pulp.
  
6. Electrosurgery:
  - a. is not used by many dentists.
  - b. is faster than diode laser cutting soft tissue.
  - c. cuts hard tissue.
  - d. is not problematic around implants.
  
7. Electric restorative handpieces:
  - a. run at higher RPM than air rotors.
  - b. make tooth preparation less well-refined than air rotors.
  - c. are less expensive than air handpieces.
  - d. have more torque than air handpieces.

**POST-TEST (CONT'D)**

**V4793 What Technologies Do YOU Really Need?**

- 8. Which statement about clinical microscopes is NOT true?
  - a. They are used by most endodontists.
  - b. They are used by most general dentists.
  - c. They should be used for procedures not easily observed by loupes.
  - d. They are expensive.
  
- 9. The current generation of digital periapical sensors:
  - a. is better than D-speed film.
  - b. is easy to use.
  - c. shows initial caries well.
  - d. none of the above.
  
- 10. Phosphor plate sensors:
  - a. have more accurate images than CMOS digital sensors.
  - b. are expensive.
  - c. require an initial fee for a device to put latent images onto a monitor.
  - d. provide images inferior to CMOS sensors.

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