

PRACTICAL CLINICAL COURSES

A Service of the Gordon J. Christensen
Career Development Program

V2549

Making Complete Dentures a “Win-Win” Service

Gordon J. Christensen, DDS, MSD, PhD

Materials Included

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Gordon J. Christensen
PRACTICAL CLINICAL COURSES

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PRACTICAL CLINICAL COURSES

Sources of Products Discussed in

V2549 Making Complete Dentures a “Win-Win” Service

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

1. **Accu-Dent System 1**
Ivoclar Vivadent Inc.
175 Pineview Drive
Amherst, NY 14228
(800)533-6825
(716)691-0010
www.ivoclarvivadent.us.com
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Parkell, Inc.
300 Executive Drive
Edgewood, NY 11717
(800)243-7446
(631)249-1134
www.parkell.com
3. **Acrilustre Polishing Compound**
Buffalo Dental Mfg. Co.
159 Lafayette Drive
P.O. Box 678
Syosset, NY 11791-0678
(800)828-0203
(516)496-7200
www.buffalodental.com
4. **Acryl-Marvel**
Henry Schein, Inc.
135 Duryea Road
Melville, NY 11747
(800)582-2702
(631)843-5500
www.henryschein.com
5. **Alginator II**
Dux Dental – Cadco Division
600 East Hueneme Road
Oxnard, CA 93033-8600
(800)833-8267
(805)488-1122
www.duxdental.com
6. **Articulator**
Whip Mix Corporation
361 Farmington Avenue
Louisville, KY 40209
(800)626-5651
(502)637-145
www.whipmix.com
7. **Articulator (Semi-Adjustable)**
Whip Mix Corporation
361 Farmington Avenue
Louisville, KY 40209
(800)626-5651
(502)637-1451
www.whipmix.com
8. **Atlas Denture Comfort Implant System**
Dentatus USA Ltd.
54 West 39th Street
5th Floor
New York, NY 10018
(800)323-3136
(212)481-1010
www.dentatus.com
9. **Blu-Mousse Super-Fast**
Parkell, Inc.
300 Executive Drive
Edgewood, NY 11717
(800)243-7446
(631)249-1134
www.parkell.com
10. **Bunsen Burner**
Buffalo Dental Mfg. Co.
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(800)828-0203
(516)496-7200
www.buffalodental.com
11. **Compass**
Helix USA Ltd.
1161 North Ellis Street
Bensenville, IL 60106
(800)645-1421
(630)860-3801
www.helixusa.com
12. **Denture Adjustment Kit**
Henry Schein, Inc.
135 Duryea Road
Melville, NY 11747
(800)582-2702
(631)843-5500
www.henryschein.com
13. **Denture Adjustment Kit – Chairside**
Komet USA LLC
3042 Southcross Blvd.
Suite 101
Rock Hill, SC 29730
(888)566-3887
(803)323-1501
www.kometusa.com
14. **Dry Tips**
Molnlycke Health Care US, LLC
5550 Peachtree Parkway
Suite 500
Norcross, GA 30092
(800)843-8497
(678)250-7900
www.molnlycke.com
15. **E-Cutters**
Brasseler USA
One Brasseler Blvd.
Savannah, GA 31419-9598
(800)841-4522
(912)925-8525
www.brasselerusa.com

16. **ERA Mini Dental Implant System**
Zimmer Dental
1900 Aston Avenue
Carlsbad, CA 92008
(800)854-7019
(760)929-4300
www.zimmerdental.com
17. **Exaflex (Regular Body Type)**
GC America Inc.
3737 West 127th Street
Alsip, IL 60803
(800)323-3386
(708)597-0900
www.gcamerica.com
18. **Face-Bow**
Whip Mix Corporation
361 Farmington Avenue
Louisville, KY 40209
(800)626-5651
(502)637-1451
www.whipmix.com
19. **Fit Checker**
GC America Inc.
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(800)323-3386
(708)597-0900
www.gcamerica.com
20. **Fox Occlusal Plane Plate**
Henry Schein, Inc.
135 Duryea Road
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(631)843-5500
www.henryschein.com
21. **Hanau Alcohol Torch**
Whip Mix Corporation
361 Farmington Avenue
Louisville, KY 40209
(800)626-5651
(502)637-1451
www.whipmix.com
22. **Hold Spray-On Tray Adhesive**
Waterpik, Inc.
1730 East Prospect Road
Fort Collins, CO 80553-0001
(800)525-2020
(970)484-1352
www.waterpik.com
23. **Ivocap High Impact**
Ivoclar Vivadent Inc.
175 Pineview Drive
Amherst, NY 14228
(800)533-6825
(716)691-0010
www.ivoclarvivadent.us.com
24. **Jeltrate Plus**
Dentsply Caulk
38 West Clarke Avenue
Milford, DE 19963-0359
(800)532-2855
(302)422-4511
www.caulk.com
25. **Madame Butterfly Silk**
Almore International, Inc.
P.O. Box 25214
Portland, OR 97298-0214
(800)547-1511
(503)643-6633
www.almore.com
26. **Mandible Models**
Salvin Dental Specialties
3450 Latrobe Drive
Charlotte, NC 28211
(800)535-6566
(704)442-5400
www.salvin.com
27. **Massad Edentulous Impression Trays**
Henry Schein, Inc.
135 Duryea Road
Melville, NY 11747
(800)582-2702
(631)843-5500
www.henryschein.com
28. **Massad Edentulous Impression Trays**
Patterson Dental Supply Inc.
1031 Mendota Heights Road
St. Paul, MN 55120
(800)328-5536
(615)686-1600
www.pattersondental.com
29. **Massad Removable Prosthodontic Bur Kit**
Komet USA LLC
3042 Southcross Blvd.
Suite 101
Rock Hill, SC 29730
(888)566-3887
(803)323-1501
www.kometusa.com
30. **MDI Mini Dental Implant System**
Intec, a 3M Company
3M Center
Bldg. 275-2SE-03
St. Paul, MN 55144
(800)634-2249
(651)733-0457
www.3mespe.com
31. **Medium Soft Pink Base Plate Wax #3**
Coltene/Whaledent
235 Ascot Parkway
Cuyahoga Falls, OH 44223
(800)221-3046
(330)916-8800
www.coltenewhaledent.com
32. **Models**
Kilgore International, Inc.
36 West Pearl Street
Coldwater, MI 49036
(800)892-9999
(517)279-9123
www.kilgoreinternational.com
33. **Occlusal Indicator Wax**
Kerr Corporation
1717 West Collins Avenue
Orange, CA 92867
(800)537-7123
(714)516-7400
www.kerrdental.com
34. **Pentamix 3 Automated Mixing**
3M ESPE Dental Products
3M Center
Bldg. 275-2SE-03
St. Paul, MN 55144
(800)634-2249
www.3mespe.com

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|---|---|
| <p>35. Permadyne (Polyether)
 3M ESPE Dental Products
 3M Center
 Bldg. 275-2SE-03
 St. Paul, MN 55144
 (800)634-2249
 www.3mespe.com</p> | <p>40. Superform Trays
 Pearson Dental Supply
 13161 Telfair Avenue
 Sylmar, CA 91342
 (800)535-4535
 (818)362-2600
 www.pearsondental.com</p> |
| <p>36. Plaster Knife
 Buffalo Dental Mfg. Co.
 159 Lafayette Drive
 P.O. Box 678
 Syosset, NY 11791-0678
 (800)828-0203
 (516)496-7200
 www.buffalodental.com</p> | <p>41. Triad 2000
 Dentsply Prosthetics
 570 West College Avenue
 York, PA 17405
 (800)243-1942
 (717)845-7511
 www.ceramco.com</p> |
| <p>37. Polyether Adhesive
 3M ESPE Dental Products
 3M Center
 Bldg. 275-2SE-03
 St. Paul, MN 55144
 (800)634-2249
 www.3mespe.com</p> | <p>42. Triad TruTray
 Dentsply Prosthetics
 570 West College Avenue
 York, PA 17405
 (800)243-1942
 (717)845-7511
 www.ceramco.com</p> |
| <p>38. Rag Wheel
 Grobet USA
 750 Washington Avenue
 Carlstadt, NJ 07072
 (800)847-4188
 (201)939-6700
 www.grobetusa.com</p> | <p>43. Universal Polishing Paste
 Ivoclar Vivadent Inc.
 175 Pineview Drive
 Amherst, NY 14228
 (800)533-6825
 (716)691-0010
 www.ivoclarvivadent.us.com</p> |
| <p>39. Snap-Stone
 Whip Mix Corporation
 361 Farmington Avenue
 Louisville, KY 40209
 (800)626-5651
 (502)637-1451
 www.whipmix.com</p> | |

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
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Dentures

We have done our best to provide you with well-fitted, functional, and esthetically pleasing dentures. We feel confident that after a few weeks of becoming adjusted to the new dentures, you will have years of satisfaction and use from them.

The following information will be helpful for you:

- 1. The First Few Weeks:** New dentures always feel strange when first placed in your mouth. Several days or even a few weeks will be required for you to feel accustomed to them.
- 2. Sore Spots:** Usually, your mouth will have a few "sore spots," after wearing the dentures for 24 hours. Don't worry about these areas. They can be relieved with very little effort during your next appointment.
- 3. Chewing:** The new bite may not feel completely comfortable for a period of days. We will adjust the contacting surfaces of your teeth in 24 hours and again about one week after the dentures have settled into place. When adjusting to the new denture, split the food with your tongue, and chew on both sides of your mouth at the same time, avoiding dislodgement of the dentures.
- 4. Upper vs. Lower Dentures:** Your upper denture will rest comfortably in place with moderate to strong "suction." Although your lower denture will have good stability, it is infrequent that "suction" can be expected on a lower denture. We suggest that you avoid denture adhesives unless you have significant difficulty, because they alter the fit of the denture over a period of time.
- 5. Cleaning the Dentures and Your Mouth:** Your dentures can be cleaned by using a soft bristle toothbrush and mild toothpaste such as Complete (Procter & Gamble). Brush your gums with a regular toothbrush once per day to toughen and clean them. You may leave the dentures in or out of your mouth at night, depending on your preference. If they are out of your mouth, leave them soaking in water to avoid warping the plastic.

Denture soaks are also useful to dissolve debris from the denture. Please ask us if you are interested in small "sonic" cleaners available for home use.
- 6. What to Expect in the Future:** Your jaw bones and gums shrink up to 1/32 of an inch per year after your teeth are extracted. This shrinkage is one of the main disadvantages of artificial dentures. Because of this shrinkage, you should plan to have your dentures and oral tissues evaluated once per year by us. We will inform you when refitting of the dentures is necessary. Wearing ill-fitting dentures for too long without refitting can cause severe bone loss and serious oral diseases.

We look forward to helping you enjoy your new dentures.

I have read and understand the above information.

PATIENT'S NAME

SIGNATURE OF PATIENT, LEGAL GUARDIAN,
OR AUTHORIZED REPRESENTATIVE

DATE

PROGRAM

V2549 Making Complete Dentures a “Win-Win” Service

CLINICIAN RESPONSIBLE:

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

GOALS & OBJECTIVES

On completion of this video, viewers should be able to:

1. Discuss the need for complete dentures at this time.
2. Describe some reasons for the apparent low interest in complete dentures expressed by some dentists.
3. Discuss the desirability of implant supported overdentures in some patients.
4. Describe why some denture fees are much higher than the national average.
5. List some ways in which staff persons can be involved in the complete denture procedure.
6. List the appointments for fabrication of complete dentures explained in this presentation.
7. Discuss the importance of adequate patient education when providing complete dentures for patients.
8. Explain important psychology concepts to help patients accept complete dentures.
9. Describe the diagnostic appointment.
10. Explain why custom impression trays are probably better than stock trays for final impressions.
11. Describe a preliminary final impression.
12. List the characteristics of an adequate custom final impression tray.
13. List the steps in making stabilized occlusion rims for complete dentures.
14. List the steps in determining the correct vertical dimension of occlusion.
15. Describe use of a Fox occlusal plane.
16. List the important psychological aspects when trying-in a trial denture.
17. List methods and supplies to ensure adequate patient comfort when seating complete dentures.
18. Describe the steps suggested when seating complete dentures.
19. List the materials suggested for evaluating and correcting occlusion for complete dentures.
20. List several clinical tips described in this presentation to help to ensure clinical success when placing complete dentures.

OVERVIEW

V2549 Making Complete Dentures a “Win-Win” Service

This presentation on complete dentures includes the following information:

- Need for complete dentures
- Reasons for low dentist interest in removable prosthodontics
- Importance of implant support and retention for complete dentures
- Types of implant support for complete dentures
- Fees for complete dentures
- Staff involvement with complete dentures
- Typical appointments for complete denture fabrication
- Educating patients about complete dentures
- Psychology related to increasing patient acceptance of complete dentures
- Diagnostic appointment and preliminary impressions
- Importance of dentist-laboratory interaction in complete dentures
- Impression trays for final impressions
- Preliminary final impressions and border molding
- Final impressions
- Stabilized occlusion rims, “bite blocks”
- Determining vertical dimension of occlusion, “centric jaw relation”
- Trial denture try-in
- Seating dentures
- Denture adjustments

All steps in the denture fabrication technique are shown in detail to afford viewers the opportunity to determine which techniques should be incorporated into their practices.

REFERENCES

V2549 Making Complete Dentures a “Win-Win” Service

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3. Christensen GJ. MAKING BETTER REMOVABLE PARTIAL DENTURES. JADA. 1995 Jul; 126(7):1041-44.
4. Christensen GJ. PROSTHODONTICS IS IN YOUR FUTURE. JADA. 2000 May; 131(5):671-72.
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6. Christensen GJ. What has happened to removable partial prosthodontics? JADA. 2003 Jan; 134(1):111-13.
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10. Peracini A, Andrade IM, Paranhos Hde F, Silva CH, de Souza RF. Behaviors and hygiene habits of complete denture wearers. Braz Dent J. 2010; 21(3):247-52.
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13. Ghani F, Kikuchi M, Lynch CD, Watanabe M. Effect of some curing methods on acrylic maxillary denture base fit. Eur J Prosthodont Restor Dent. 2010 Sep; 18(3):132-38.
14. Ellis JS, Thomason JM, McAndrew R. A pilot study examining the effects of enhanced aesthetics on oral health related quality of life and patient's satisfaction with complete dentures. Eur J Prosthodont Restor Dent. 2010 Sep; 18(3):116-22.
15. Al Quarn FA, Hazza'a A, Al Nahass N. The position of the occlusal plane in natural and artificial dentitions as related to other craniofacial planes. J Prosthodont. 2010 Dec; 19(8):601-05.

POST-TEST

V2549 Making Complete Dentures a "Win-Win" Service

1. Implant supported overdentures provide:
 - a. improved retention.
 - b. improved support.
 - c. improved patient acceptance.
 - d. all of the above.

2. As suggested in this video, fees for complete dentures can best be kept moderate by:
 - a. combining the vertical dimension of occlusion and final impression appointments.
 - b. using staff persons for many of the clinical procedures.
 - c. buying and using low-cost materials.
 - d. using low-cost resin teeth.

3. The casts from which the trays for final impressions are made are constructed:
 - a. always by a laboratory technician.
 - b. from conventional stone material.
 - c. on the diagnostic appointment.
 - d. on the final impression appointment.

4. Preliminary final impressions are:
 - a. made on the diagnostic appointment.
 - b. always made in vinyl polysiloxane.
 - c. made in alginate.
 - d. none of the above.

5. Preliminary final impressions:
 - a. are lined with polyether.
 - b. are lined with vinyl polysiloxane.
 - c. contain impression material on the borders only.
 - d. are always made by a staff member.

6. Vertical dimension of occlusion for complete dentures:
 - a. can be identified easily.
 - b. can always build out the face to the dentulous appearance.
 - c. is variable and specific to every patient.
 - d. cannot be estimated by jaw positioning during speech.

7. Stabilized occlusion rims were recommended to be made:
 - a. in wax only.
 - b. in acrylic resin.
 - c. using a light-cured thin resin wafer lined with vinyl polysiloxane.
 - d. by dental assistants.

POST-TEST (CONT'D)

V2549 Making Complete Dentures a "Win-Win" Service

- 8 Trying-in the trial denture:
 - a. requires special psychological involvement with the patient to ensure their acceptance of the denture.
 - b. is a highly important appointment.
 - c. should usually include staff members as well as the dentist.
 - d. all of the above.

- 9 This presentation suggested _____ appointments excluding the adjustment appointments.
 - a. 3
 - b. 4
 - c. 5
 - d. 6

- 10 The need for complete dentures is:
 - a. still a major component of oral care.
 - b. reducing.
 - c. not a major part of oral care need.
 - d. far less than in the past.

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