PRACTICAL CLINICAL COURSES

A Service of the Gordon J. Christensen Career Development Program

V1934
Complex Oral Rehabilitation

Gordon J. Christensen, DDS, MSD, PhD

Materials Included:

C.E. Instruction Sheet
Products List
Clinician Responsible
Goals & Objectives
Overview
Supplemental Materials
AGD Post-Test

Gordon J. Christensen
PRACTICAL CLINICAL COURSES

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Gordon J. Christensen

PRACTICAL CLINICAL COURSES

Sources of Products Discussed in

V1934 Complex Oral Rehabilitation

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

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   Various Distributors

2. **3M ESPE Impregum Penta Soft Quick Step**
   Solventum
   2510 Conway Avenue
   St. Paul, MN 55144
   (855)423-6725
   (612)842-1263
   www.3m.com

3. **3M Peridex**
   Solventum
   2510 Conway Avenue
   St. Paul, MN 55144
   (855)423-6725
   (612)842-1263
   www.3m.com

4. **3M RelyX Luting Plus Cement**
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   (612)842-1263
   www.3m.com

5. **3M Self-Directed Impression Tray**
   Solventum
   2510 Conway Avenue
   St. Paul, MN 55144
   (855)423-6725
   (612)842-1263
   www.3m.com

6. **3M Vitrebond Plus**
   Solventum
   2510 Conway Avenue
   St. Paul, MN 55144
   (855)423-6725
   (612)842-1263
   www.3m.com

7. **Astringedent**
   Ultradent Products Inc.
   505 West Ultradent Drive
   South Jordan, UT 84095
   (888)230-1420
   (801)572-4200
   www.ultradent.com

8. **Blu-Mousse Super-Fast**
   Parkell, Inc.
   300 Executive Drive
   Edgewood, NY 11717
   (800)243-7446
   (631)249-1134
   www.parkell.com

9. **Clearfil DC Bond**
   Kuraray America, Inc.
   Dental Division
   32 Old Slip Floor 7
   New York, NY 10005
   (800)879-1676
   www.kuraraydental.com

10. **Clearfil SE Bond**
    Kuraray America, Inc.
    Dental Division
    32 Old Slip Floor 7
    New York, NY 10005
    (800)879-1676
    www.kuraraydental.com

11. **Copper Bands**
    Various Distributors

12. **Coprwax Bite Wafers**
    Kulzer North America
    4315 S. Lafayette Blvd.
    South Bend, IN 46614
    (800)431-1785
    www.kulzerus.com

13. **Core Paste**
    Den-Mat Holdings, LLC
    1017 W. Central Avenue
    Lompoc, CA 93436-2701
    (800)433-6628
    www.denmat.com

14. **Cotton Rolls (6 Inch)**
    Local Dealer

15. **Crown & Bridge Organizer**
    Patterson Dental Supply, Inc.
    1031 Mendota Heights Road
    St. Paul, MN 55120
    (800)328-5536
    www.pattersondental.com

16. **Dental Elevator**
    Hu-Friedy Mfg. Co., LLC
    3232 North Rockwell Street
    Chicago, IL 60618-5935
    (800)483-7433
    www.hufriedygroup.com

17. **Dialite Polishing Wheels**
    Brasseler USA Dental
    One Brasseler Blvd.
    Savannah, GA 31419
    (800)841-4522
    www.brasselerusadental.com

18. **DiaShine**
VH Technologies, Inc.
2100 196th Street S.W.
Suite 116
Lynnwood, WA 98036
(888)628-8300
www.vhtechnologies.com

19. **DryTips**
Microbrush International
1376 Cheyenne Avenue
Grafton, WI 53024
(866)866-8698
www.microbrush.com

20. **Dyract eXtra**
Dentsply Sirona Inc.
13320-B Ballantyne Corporate Pl
Charlotte, NC 28277
(800)877-0020
www.dentsplysirona.com

21. **Ear Face-Bow**
Whip Mix
361 Farmington Avenue
P.O. Box 17183
Louisville, KY 40217
(800)626-5651
(502)637-1451
www.whipmix.com

22. **Easy Cure 2 Light Curing Tray**
(Replacement for Triad 2000)
Henry Schein Dental
135 Duryea Road
Melville, NY 11747
(800)372-4346
(631)843-5500
www.henryschein.com

23. **Electric Handpiece**
Brasseler USA
One Brasseler Blvd.
Savannah, GA 31419
(800)841-4522
(912)925-8525
www.brasselerusadental.com

24. **Electric Handpiece**
KaVo Dental Technologies, LLC
11727 Fruehauf Drive
Charlotte, NC 28273
(888)528-6872
www.kavo.com

25. **EXA Advanced**
(Replaces Examix)
GC America Inc.
3737 West 127th Street
Alsip, IL 60803
(800)323-7063
www.gcamerica.com

26. **FibreKor Posts**
Pentron
1717 West Collins Avenue
Orange, CA 92867
(800)551-0283
(714)516-7557
www.pentron.com

27. **Filpin by Filhol Dental**
Southeast Medical Products, Inc.
5524 Commerce Drive
Orlando, FL 32839
(407)851-5848
www.filhol.com

28. **Friction Grip Diamonds by Spring Health Products**
Various Distributors

29. **FujiCEM**
GC America Inc.
3737 West 127th Street
Alsip, IL 60803
(800)323-7063
www.gcamerica.com

30. **G-Coat**
GC America Inc.
3737 West 127th Street
Alsip, IL 60803
(800)323-7063
www.gcamerica.com

31. **Gingi-Pak**
Gingi-Pak
4825 Calle Alto
Camarillo, CA 93012
(800)437-1514
www.gingi-pak.com

32. **Gluma Desensitizer**
Kulzer North America
4315 S. Lafayette Blvd.
South Bend, IN 46614
(800)431-1785
www.kulzerus.com

33. **GUM CHX (Alcohol-Free Chlorhexidine Rinse) by Sunstar**
Local Distributors

34. **Hemodent**
Premier Dental Co.
1710 Romano Drive
Plymouth Meeting, PA 19462
(888) 670-6100
(610) 239-6000
www.premierdentalco.com

35. **½ Hollenback Carver**
Various Manufacturers

36. **Loma Linda Carver**
Various Manufacturers

37. **Luxatemp Automix by DMG America**
Various Distributors

38. **Madame Butterfly Silk**
Almore International
441 19th Street S.E.
Hickory, NC 28602
(800)547-1511
www.almore.com

39. **Megatray Custom Tray Material (Replacement for Triad TruTray)**
Henry Schein Dental
135 Duryea Road
Melville, NY 11747
(800)372-4346
(631)843-5500
www.henryschein.com

40. **MicroEtcher II**
Zest Dental Solutions
2875 Loker Avenue East
Carlsbad, CA 92010
(800)262-2310
(442)244-4835
www.zestdent.com

41. **Microfill Finishing Discs**
E.C. Moore Company
13325 Leonard Street
Dearborn, MI 48126
(800)331-3548
(313)581-7878
www.ecmoore.com

42. **Minute Stain**
TAUB Products
277 New York Avenue
Jersey City, NJ 07307
(800)828-2634
www.taubdental.com

43. **NeoDiamonds #1116.8C**
Microcopy
P.O. Box 2017
Kennesaw, GA 30156-9017
(800)235-1863
www.microcopydental.com

44. **Occlusal Indicator Wax**
Kerr Corporation
200 S. Kraemer Blvd.
Building E2
Brea, CA 92821
(800)537-7123
www.kerrdental.com

45. **Preppies**
Whip Mix
361 Farmington Avenue
P.O. Box 17183
Louisville, KY 40217
(800)626-5651
(502)637-1451
www.whipmix.com

46. **Roeko Stay-put Cord**
Coltene Inc.
235 Ascot Parkway
Cuyahoga Falls, OH 44223
(330)916-8800
www.coltene.com

47. **Sapphire Curing Light**
Den-Mat Holdings, LLC
1017 W. Central Avenue
Lompoc, CA 93436-2701
(800)433-6628
www.denmat.com

48. **Semi-Adjustable Articulators**
Whip Mix
361 Farmington Avenue
P.O. Box 17183
Louisville, KY 40217
(800)626-5651
(502)637-1451
www.whipmix.com

49. **Septocaine (Articaine) By Septodont**
Henry Schein Dental
135 Duryea Road
Melville, NY 11747
(800)372-4346
(631)843-5500
www.henryschein.com

50. **Snap-Stone**
Whip Mix
361 Farmington Avenue
P.O. Box 17183
Louisville, KY 40217
(800)626-5651
(502)637-1451
www.whipmix.com

51. **TempoCem NE Smartmix**
DMG America
242 South Dean Street
Englewood, NJ 07631
(800)662-6383
(201)894-5505
www.dmg-america.com

52. **Triad 2000 (See Easy Cure 2)**

53. **Triad Trutray (See Megatray Custom Tray Material)**

54. **Trim by Bosworth Co.**
Henry Schein Dental
135 Duryea Road
Melville, NY 11747
(800)372-4346
(631)843-5500
www.henryschein.com

55. **ViscoStat Clear**
Ultradent Products Inc.
505 West Ultradent Drive
South Jordan, UT 84095
(888)230-1420
(801)572-4200
www.ultradent.com

56. **VITA Toothguide 3D-Master**
VITA North America
22705 Savi Ranch Parkway
Suite 100
Yorba Linda, CA 92887
(800)828-3839
www.vitanorthamerica.com

57. **Zekrya Gingival Protector**
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(800)662-6383
(201)894-5505
www.dmg-america.com

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

Program

V1934 Complex Oral Rehabilitation

CLINICIAN RESPONSIBLE

Gordon J. Christensen, DDS, MSD, PhD

Founder and CEO, Practical Clinical Courses

Senior Consultant & Previous 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 an oral rehabilitation as discussed in this presentation.
2. List the diagnostic components suggested before accomplishing an oral rehabilitation.
3. Describe an exploratory appointment.
4. List five factors influencing the sequence of treatment for rehabilitative dentistry.
5. Describe patient-oriented treatment planning for oral rehabilitation.
6. Describe preoperative therapy before oral rehabilitation.
7. Discuss treatment sequence in the tooth preparation appointment.
8. Discuss soft-tissue management as advocated in this video.
9. Describe the suggested interocclusal record procedure for an oral rehabilitation not requiring opening of vertical dimension of occlusion.
10. Discuss and provide reasons for the use of the advocated type of impression trays for oral rehabilitation.
11. Compare addition reaction silicones and polyethers for oral rehabilitation impressions for fixed prosthodontic restorations.
12. Discuss face bow and articulator needs for a full-arch rehabilitation.
13. List the steps in the fixed prosthodontic restoration seating appointment for an oral rehabilitation.
14. Compare cement types for crowns and fixed prostheses included in an oral rehabilitation.
15. List the steps in seating multiple crowns in a full-arch oral rehabilitation.
16. Discuss methods to desensitize tooth preparations prior to cementation.
17. Discuss occlusal equilibration at the time of cementation of a full-arch of crowns.
18. Discuss the need for occlusal equilibration about six weeks after cementation.
19. Describe postoperative instructions for patients having many crowns cemented.
20. Describe the potential reasons for segmental rehabilitation vs. accomplishing all of the rehabilitation at one time.

OVERVIEW

V1934 Complex Oral Rehabilitation

Oral rehabilitation can be defined in many ways. Some dentists consider oral rehabilitation to include restoration or replacement of all of the teeth. This video emphasizes oral rehabilitation to be a range of restorative techniques from restoration or replacement of a few teeth to restoration of all of the teeth, depending on the needs of the patient. When patients can afford the financial expense of accomplishing all of the rehabilitation at one time, this is sometimes the best way. When they can't afford all of the rehabilitation at one time, dividing the rehabilitation into several segments often makes the treatment affordable for the patient.

The diagnostic suggestions for an oral rehabilitation as described in this video are:

a. Informational forms
b. Panoramic radiographs
c. Bitewing radiographs
d. Periapical radiographs
e. Diagnostic casts
f. Patient education
g. TV demonstration of all areas of the patient's mouth
h. Periodontal pocket charting
i. Blood pressure recording
j. Charting previous restorations and endodontic therapy
k. Charting carious lesions
l. Vitalometer testing
m. Soft-tissue lesions
n. Occlusal disease
o. Charting missing teeth
p. Other oral Pathosis
q. Determining patient's desires for treatment

The treatment sequence for a typical oral rehabilitation is as follows. The duplicated numbers are procedures that can be accomplished in any sequence within the list of similar numbers.

1. Exploratory appointment
2. Oral surgery
3. Periodontal therapy
3. Endodontic therapy
3. Restorative dentistry
4. Implant placement
4. Orthodontics
5. Occlusion
6. Crowns & fixed partial dentures
7. Removable prostheses
8. Occlusion at completion of treatment
9. Periodontal maintenance
10. Repair or replacement

This video includes close-up live video of all of the clinical steps in accomplishing an oral rehabilitation of a maxillary arch for which opening of vertical dimension of occlusion is not necessary.

SUPPLEMENTAL MATERIALS

V1934 Complex Oral Rehabilitation

1. Nam J, Raigrodski AJ, Heindl H. Utilization of multiple restorative materials in full-mouth rehabilitation: a clinical report. J Esthet Restor Dent 2008; 20(4):251-63; discussion 264-5.

2. Lerner J. A systematic approach to full-mouth reconstruction of the severely worn dentition. Pract Proced Aesthet Dent 2008 Mar; 20(2):81-7; quiz 88, 121.

3. Groten M. Complete esthetic and functional rehabilitation with adhesively luted all-ceramic restorations—case report over 4.5 years. Quintessence Int 2007 Oct; 38(9):723-31.

4. Christensen GJ. Defining oral rehabilitation. J Am Dent Assoc 2004 Feb; 135(2):215-7.

5. Kemmet L. Full mouth reconstruction in two visits. J Colo Dent Assoc 2001 Winter; 80(1):14-7.

6. Schweikert E. Successful full-mouth reconstruction with laboratory-fabricated provisionals. Dent Today 1995 Apr; 14(4):80, 82, 84-5.

7. Binkley TK, Binkley CJ. A practical approach to full mouth rehabilitation. J Prosthet Dent 1987 Mar; 57(3):261-6.

8. Christensen GJ. Dentistry's mission and the high-fee practice. JADA 1999; 130(1):115-7.

POST-TEST

V1934 Complex Oral Rehabilitation

1. Oral rehabilitation may be accomplished:
☐ a. one tooth at a time.
☐ b. one quadrant at a time.
☐ c. one arch at a time.
☐ d. all at once.
☐ e. any of the above.

2. A factor not limiting oral rehabilitation is:
☐ a. age.
☐ b. patient general health.
☐ c. periodontal health.
☐ d. occlusion.

3. The recommended soft-tissue management technique for oral rehabilitation was:
☐ a. the single cord technique.
☐ b. the double cord technique.
☐ c. electrosurgery.
☐ d. laser.
☐ e. none of the above.

4. The initial tooth preparation was suggested:
☐ a. after the second cord was placed.
☐ b. before any cord was placed.
☐ c. after the first cord was placed.
☐ d. after the build-ups were placed.

5. The type of impression tray suggested for oral rehabilitation was:
☐ a. stock metal tray.
☐ b. custom polymethyl methacrylate tray.
☐ c. custom light curing tray.
☐ d. custom heat moldable tray.

6. The type of impression material suggested for oral rehabilitation was:
☐ a. polyether.
☐ b. vinyl polysiloxane.
☐ c. polyether or vinyl polysiloxane.
☐ d. condensation reaction silicone.

7. When accomplishing an oral rehabilitation and maintaining the original vertical dimension of occlusion, the interocclusal record was suggested to be made:
☐ a. after prepping the anterior teeth only.
☐ b. after prepping the posterior teeth only.
☐ c. after prepping nearly all of the teeth but retaining centric stops on two anterior teeth.
☐ d. after prepping every other tooth.

POST-TEST (CONT'D)

V1934 Complex Oral Rehabilitation

8. The type of articulator suggested for oral rehabilitation was:
   - ☐ a. it doesn't matter which type.
   - ☐ b. fully adjustable.
   - ☐ c. hinge articulator.
   - ☐ d. semi-adjustable.

9. It was suggested to cement the restorations:
   - ☐ a. one at a time.
   - ☐ b. two at a time.
   - ☐ c. one quadrant at a time.
   - ☐ d. all anteriors and then all posteriors.
   - ☐ e. none of the above.

10. The cement used for cementation of the oral rehabilitation in this presentation was:
   - ☐ a. glass ionomer.
   - ☐ b. polycarboxylate.
   - ☐ c. resin.
   - ☐ d. resin-modified glass ionomer.

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