

PRACTICAL CLINICAL COURSES

A Service of the Gordon J. Christensen
Career Development Program

V1942 Strong, Comfortable, Esthetic Rehabilitations with Zirconia

Gordon J. Christensen, DDS, MSD, PhD

Materials Included

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

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PRACTICAL CLINICAL COURSES

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Sources of Products Discussed in

V1942 Strong, Comfortable, Esthetic Rehabilitations with Zirconia

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

1. **Aquasil Ultra+**
Dentsply Sirona Inc.
13320-B Ballantyne Corporate Pl
Charlotte, NC 28277
(800)877-0020
(717)845-7511
www.dentsplysirona.com
2. **C&B-Metabond Quick**
Parkell, Inc.
300 Executive Drive
Edgewood, NY 11717
(800)243-7446
(631)249-1134
www.parkell.com
3. **CEREC Primescan**
Dentsply Sirona Inc.
13320-B Ballantyne Corporate Pl
Charlotte, NC 28277
(800)877-0020
(717)845-7511
www.dentsplysirona.com
4. **Dialite Extra-Oral Porcelain Polishing Paste**
Brasseler USA Dental
One Brasseler Blvd.
Savannah, GA 31419
(800)841-4522
www.brasselerusadental.com
5. **Dialite ZR Polishers for Zirconia (K0238)**
Brasseler USA Dental
One Brasseler Blvd.
Savannah, GA 31419
(800)841-4522
www.brasselerusadental.com
6. **Directed Flow Impression Tray**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
7. **Easy Cure 2**
Henry Schein, Inc.
135 Duryea Road
Melville NY 11747
(631)843-5500
www.henryschein.com
8. **700SE Electrosurge**
Parkell, Inc.
300 Executive Drive
Edgewood, NY 11717
(800)243-7446
(631)249-1134
www.parkell.com
9. **EXAMIX NDS**
GC America Inc.
3737 West 127th Street
Alsip, IL 60803
(800)323-7063
(708)597-0900
www.gcamerica.com
10. **GC FujiCEM Evolve**
GC America Inc.
3737 West 127th Street
Alsip, IL 60803
(800)323-7063
(708)597-0900
www.gcamerica.com
11. **iLase Diode Laser**
BIOLASE, Inc.
27042 Towne Centre Drive
Suite 270
Foothill Ranch, CA 92610-2811
(833)246-5273
(949)361-1200
www.biolase.com
12. **Impregum**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
13. **Impression Tray Material LC**
Henry Schein, Inc.
135 Duryea Road
Melville NY 11747
(631)843-5500
www.henryschein.com
14. **Imprint 4**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
15. **LC Base Plates (SelexION)**
SCIEX
500 Old Connecticut Path
Framingham, MA 01701
(877)740-2129
www.sciex.com
16. **Megatray Custom Tray Material**
Numerous Sources
17. **MicroPrime Desensitizer**
Zest Dental Solutions
2875 Loker Avenue East
Carlsbad, CA 92010
(800)262-2310
(442)244-4835
www.zestdent.com
18. **NeoDiamond**
Microcopy
P.O. Box 2017
Kennesaw, GA 30156-9017
(800)235-1863
www.microcopydental.com
19. **Occlusal Indicator Wax**
Kerr Corporation
200 S. Kraemer Blvd.
Bldg. E2
Brea, CA 92821
(800)537-7123
(714)516-7400
www.kerrdental.com

20. **Picasso Lite+ Diode Laser**
AMD Lasers, Inc.
4628 West Skyhawk Drive
West Jordan, UT 84084
(866)999-2635
www.amdlasers.com
21. **PreviDent 5000 Booster Plus**
Colgate Oral Pharmaceuticals
300 Park Avenue
New York, NY 10022
(800)226-5428
www.colgateprofessional.com
22. **PreviDent Gel**
Colgate Oral Pharmaceuticals
300 Park Avenue
New York, NY 10022
(800)226-5428
www.colgateprofessional.com
23. **ProCure 300 Light Oven
(Keystone Industries)**
Patterson Dental
1031 Mendota Heights Road
St. Paul, MN 55120
(800)328-5536
(651)686-1600
www.pattersondental.com
24. **Protemp Plus**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
25. **RelyX Luting Plus**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
26. **RelyX Universal**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
27. **Retraction Capsule with
Astringent Retraction Paste**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
28. **Scotchbond**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
(651)733-1110
www.3m.com
29. **SternTek Custom Tray
Material**
Sterngold Dental, LLC
23 Frank Mossberg Drive
Attleboro, MA 02703-0967
(800)243-9942
(508)226-5660
www.sterngold.com
30. **Thermo Clone**
Ultradent Products Inc.
505 West Ultradent Drive
South Jordan, UT 84095
(888)230-1420
(801)572-4200
www.ultradent.com
31. **ViscoStat Clear**
Ultradent Products Inc.
505 West Ultradent Drive
South Jordan, UT 84095
(888)230-1420
(801)572-4200
www.ultradent.com

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**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**

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PROGRAM

V1942 Strong, Comfortable, Esthetic Rehabilitations with Zirconia

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, viewers should be able to:

1. Compare the relative complexity of a typical restorative rehabilitation accomplished one arch at a time with other dental procedures.
2. List the five types of esthetic ceramic restorations.
3. Discuss porcelain-fused-to-metal and its potential for future use.
4. List in what situations 3Y zirconia is appropriate.
5. List in what situations 4-5-6Y zirconia is appropriate.
6. Compare the strength characteristics of 3Y zirconia with 4-5-6Y zirconia.
7. List topics to educate patients before beginning major rehabilitative treatment.
8. List the components of a staff-oriented diagnostic data collection.
9. Define an exploratory appointment.
10. Describe a rehabilitation accomplished one tooth at a time.
11. Describe a rehabilitation accomplished a quadrant or a sextant at a time.
12. Describe the differences between a crown prep for a zirconia crown and a crown prep for a lithium disilicate crown.
13. List the steps in the two-cord soft-tissue retraction method.
14. List the steps in the modified one-cord and styptic-gel technique.
15. Describe how to maintain original vertical dimension of occlusion when doing the full-arch prep method of restorative rehabilitation.
16. List the most popular three types of cement and their differences.
17. List current challenges with zirconia restorations and how to prevent them.
18. List methods to prevent caries after a restorative rehabilitation is accomplished.
19. Describe recare appointments after a rehabilitation.
20. Describe a six-week touch-up post-rehabilitation appointment.

OVERVIEW

V1942 Strong, Comfortable, Esthetic Rehabilitations with Zirconia

In spite of modern methods of preventive dentistry, dental caries and periodontal disease still destroy human dentitions for many people. Additionally, bruxism plagues at least 35% of the population causing premature tooth loss. Full-mouth restorative rehabilitation is still needed for many people. The following topics related to rehabilitation are included in this video:

- The relative complexity of a typical restorative rehabilitation accomplished one arch at a time with other dental procedures
- The five types of esthetic ceramic restorations
- Porcelain-fused-to-metal and its potential for future use
- In what situations 3Y zirconia is appropriate
- In what situations 4-5-6Y zirconia is appropriate
- The strength characteristics of 3Y zirconia with 4-5-6Y zirconia
- Topics to discuss with patients before beginning major rehabilitative treatment
- The components of a staff-oriented diagnostic data collection
- An exploratory appointment
- Rehabilitation accomplished one tooth at a time
- Rehabilitation accomplished a quadrant or a sextant at a time
- The differences between a crown prep for a zirconia crown and a crown prep for a lithium disilicate crown
- The steps in the two-cord soft-tissue retraction method
- The steps in the modified one-cord and styptic-gel technique
- How to maintain original vertical dimension of occlusion when doing the full-arch prep method of restorative rehabilitation
- The three most popular types of cement and their differences
- Current challenges with zirconia restorations and how to prevent them
- Methods to prevent caries after a restorative rehabilitation is accomplished
- Recare appointments after a rehabilitation
- The six-week touch-up post-rehabilitation appointment

SUPPLEMENTAL MATERIALS

V1942 Strong, Comfortable, Esthetic Rehabilitations with Zirconia

1. Christensen GJ. Ask Dr. Christensen: Which crown types are best for what situations? Dental Economics. 2022 Feb;112(2):61-4.
2. Christensen GJ. Ask Dr. Christensen: Improving the color match of zirconia crowns. Dental Economics. 2021 Sept;111(9):57-60.
3. Christensen GJ. Ask Dr. Christensen: What cement type is best in 2021? Dental Economics. 2021 May;111(5):54-57.
4. Christensen GJ. Ask Dr. Christensen: Are there proven preventive restorative materials? Dental Economics. 2021 Jan;111(1):52-56.
5. Christensen GJ. Ask Dr. Christensen: Why are some zirconia crowns failing? Dental Economics. 2019 Dec;109(12):69-71, 73.
6. Thimmappa M, Katarya V, Parekh I. Philosophies of full mouth rehabilitation: A systematic review of clinical studies. J Indian Prosthodont Soc. 2021 Jan-Mar;21(1):19-27.
7. Llobell A, Bergler M, Fraiman H, Korostoff J, Cross C, Fiorellini J. A novel digital approach for fixed full-mouth implant-supported rehabilitations: A case report. J Clin Exp Dent. 2020 Sep 1;12(9):e877-e882.
8. Markiewicz MR, Raina A, Chuang SK, Margarone 3rd JE, Dodson TB. Full-mouth rehabilitation with single-tooth implant restorations. Overview and report of case. N Y State Dent J. 2010 Mar;76(2):36-42.

POST-TEST

V1942 Strong, Comfortable, Esthetic Rehabilitations with Zirconia

1. The most-used ceramic crown at this time is:
 - a. porcelain-fused-to-metal.
 - b. lithium disilicate.
 - c. zirconia.
 - d. polymer.

2. Porcelain-fused-to-metal (PFM) is still potentially used for what?
 - a. Long-span fixed prostheses
 - b. Replacement of piecemeal failing crowns on older rehabs done with PFM
 - c. Precision attachments
 - d. All the above

3. This presentation suggested the use of 3Y zirconia, especially for:
 - a. anterior crowns.
 - b. molar crowns.
 - c. all crowns.
 - d. none of the above.

4. If necessary, an exploratory appointment should be scheduled:
 - a. first appointment in the morning.
 - b. any time during a practice day.
 - c. at the end of the practice day.

5. A tooth prep for zirconia should have at least ____ mm of chamfer on the margins.
 - a. 1.2
 - b. 0.6
 - c. 0.8
 - d. 1.0

6. A full-mouth rehabilitation can be accomplished:
 - a. one tooth at a time.
 - b. one quadrant or sextant at a time.
 - c. one arch at a time.
 - d. all the above.

7. The cement recommended for zirconia crowns is:
 - a. self-etching resin.
 - b. resin-modified glass ionomer.
 - c. adhesive resin.
 - d. glass ionomer.

POST-TEST (CONT'D)

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- 8. When should you refer part of the rehab to other practitioners?
 - a. When you would not feel comfortable doing the same procedure to yourself.
 - b. When you feel someone else has more competency than you in the procedure.
 - c. All the above.

- 9. When doing restorative rehabilitations one arch at a time, it was suggested:
 - a. doing the mandibular arch first.
 - b. doing the maxillary arch first.

- 10. Use of glutaraldehyde desensitizer/disinfectant was suggested for use:
 - a. just before seating the crowns.
 - b. just before seating the provisional crowns.
 - c. both a and b.
 - d. just b.

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