

PRACTICAL CLINICAL COURSES

A Service of the Gordon J. Christensen
Career Development Program

S1943

Simple Temporary Restorations

Gordon J. Christensen, DDS, MSD, PhD

Materials Included:

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

Gordon J. Christensen
PRACTICAL CLINICAL COURSES

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PRACTICAL CLINICAL COURSES
Sources of Products Discussed in
S1943 Simple Temporary Restorations
Presented by Gordon J. Christensen, DDS, MSD, PhD

1. **Acero3S Stainless Steel Kits by Acero Crowns**
Pearson Dental Supply Co.
13161 Telfair Avenue
Sylmar, CA 91342
(800)535-4535
(818)362-2600
www.pearsondental.com
2. **Aluminum Shell Crowns**
Various Companies
3. **Blu-Mousse Super-Fast**
Parkell, Inc.
300 Executive Drive
Edgewood, NY 11717
(800)243-7446
(631)249-1134
www.parkell.com
4. **Boxing and Beading Wax**
Various Companies
5. **CEREC Primescan by Dentsply Sirona**
Patterson Companies
1031 Mendota Heights Road
St. Paul, MN 55120
(800)328-5536
www.pattersondental.com
6. **ClearTemp LC**
Ultradent Products Inc.
505 West Ultradent Drive
South Jordan, UT 84095
(801)572-4200
www.ultradent.com
7. **Filtek Supreme Ultra Flowable Restorative**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
www.3m.com
8. **Finishing Discs**
Various Companies
9. **G5 All-Purpose Desensitizer by Clinician's Choice Dental**
Henry Schein
135 Duryea Road
Melville, NY 11747
(800)472-4346
(631)843-5500
www.henryschein.com
10. **GLUMA Desensitizer**
Kulzer North America
4315 S. Lafayette Blvd.
South Bend, IN 46614
(800)431-1785
www.kulzerus.com
11. **Glu/Sense**
Centrix, Inc.
770 River Road
Shelton, CT 06484
(203)929-5582
www.centrixdental.com
12. **Gold Microfil Placement Instrument**
Almore International
441 19th Street S.E.
Hickory, NC 28602
(800)547-1511
www.almore.com
13. **Inspire Esthetic Provisional by Clinician's Choice Dental**
Henry Schein
135 Duryea Road
Melville, NY 11747
(800)472-4346
(631)843-5500
www.henryschein.com
14. **IRM Intermediate Restorative Material**
Dentsply Sirona Inc.
13320-B Ballantyne Corporate Pl
Charlotte, NC 28277
(800)877-0020
www.dentsplysirona.com
15. **Lab Burs**
Various Companies
16. **MicroPrime G**
Zest Dental Solutions
2875 Loker Avenue East
Carlsbad, CA 92010
(800)262-2310
www.zestdent.com
17. **Miratray-Mini**
Hager Worldwide, Inc.
441 19th Street S.E.
Hickory, NC 28602
(800)328-2335
(828)624-3300
www.hagerworldwide.com

18. **Occlusal Indicator Wax**
Kerr Corporation
200 S. Kraemer Blvd.
Building E2
Brea, CA 92821
(800)537-7123
www.kerrdental.com
19. **Plastic Temporary Crowns**
Various Companies
20. **Protemp 3 Garant**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
www.3m.com
21. **Protemp Plus**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
www.3m.com
22. **Stainless Steel Crowns**
3M Oral Care
2510 Conway Avenue
St. Paul, MN 55144-1000
(800)634-2249
www.3m.com
23. **Telio Inlay/Onlay**
Ivoclar Vivadent Inc.
175 Pineview Drive
Amherst, NY 14228
(800)533-6825
(716)691-0010
www.ivoclarvivadent.us
24. **Temp-Bond Clear, Original, and NE**
Kerr Corporation
200 S. Kraemer Blvd.
Building E2
Brea, CA 92821
(800)537-7123
www.kerrdental.com
25. **Ultra-Etch**
Ultradent Products Inc.
505 West Ultradent Drive
South Jordan, UT 84095
(801)572-4200
www.ultradent.com

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

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Temporary Crowns and Fixed Prosthesis (Bridges)

You have just received a plastic temporary restoration that will serve you for a short period of time until the final restoration(s) are made. The following comments about these temporary restorations will be helpful to you.

Chewing:

- a. The temporary cement holding the interim restoration in place requires about one-half hour to set. Please do not chew during that period of time, as you may dislodge the temporary restoration.
- b. Temporary restorations are not strong. They may break or come off. Do not chew on hard or sticky foods in the area of the temporary restoration(s). If the restorations come off, call us and we will replace them. If you are where you cannot contact us, go to a pharmacy and purchase some Fixodent (denture adhesive). Replace the temporary with Fixodent holding it in place. This denture adhesive will retain the temporary restoration until you can see us. Please do not leave the temporary restoration out of your mouth, because the teeth will move, and the final restorations will not fit.
- c. DO NOT USE superglue to cement the restoration.
- d. Certain foods will stick to the temporary restoration. This will not occur with the final restoration to be cemented soon.

Color: The color of the plastic temporary does not resemble the color of the final restoration.

Shape, Size: The shape and size of the plastic temporary does not resemble the final restoration.

Tooth Sensitivity: Temporary restorations may leak, allowing saliva or food to contact the tooth. Sensitivity to cold, hot, or sweet is not uncommon. This sensitivity will not be present with your final restorations.

Please call us if you have any questions.

I have read and understand the above information.

PATIENT'S NAME

SIGNATURE OF PATIENT, LEGAL GUARDIAN,
OR AUTHORIZED REPRESENTATIVE

DATE

PROGRAM

S1943 Simple Temporary Restorations

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, viewers should be able to:

1. Discuss the desirability of having team members make temporary restorations.
2. List the categories of temporary restoration needs.
3. Discuss temporary restoration materials.
4. List types of temporaries for immediate “emergency” needs.
5. Discuss the frequency of single-crown temporaries in a typical general practice.
6. List the steps for fabrication of a single-crown temporary restoration.
7. Discuss the frequency of multiple-unit temporaries in a typical general practice.
8. List differences and similarities between single-tooth temporaries and multiple-tooth temporaries.
9. List the steps in fabrication of a temporary restoration for a three-unit fixed prosthesis.
10. Discuss the frequency of need for a fixed full-arch temporary restoration.
11. Describe two methods to make full-arch fixed temporary restorations.
12. Discuss and compare temporary cements for fixed temporary restorations.
13. Discuss differences between temporary restorations for crowns, inlays, or onlays.
14. Describe the technique for making temporaries for multiple veneers.
15. List cement type for veneer temporaries, inlays, or onlays.
16. Discuss disinfection and desensitization of tooth preparations and the sequence for doing this procedure.
17. Discuss the need for proper occlusal contacts on temporary restorations.
18. Discuss the need for tight contact areas on temporary restorations.
19. Describe repair of bubbles on a bis-acryl temporary restoration.
20. List ideal temporary restoration characteristics.

OVERVIEW

S1943 Simple Temporary Restorations

Temporary restorations are an important part of the fixed prosthodontic technique. They are a routine part of general and prosthodontic practice. If accomplished well, they provide optimum final restoration characteristics. If accomplished poorly, they can significantly depreciate the quality of final restorations. Inadequately educated team members are commonplace in the profession. This video is excellent for in-service education of team members and updating dentists. The following topics are included in the video:

- Desirability of having team members make temporary restorations
- Categories of temporary restoration needs
- Temporary restoration materials
- Types of temporaries for immediate “emergency” needs
- Frequency of single-crown temporaries in a typical general practice
- Steps for fabrication of a single-crown temporary restoration
- Frequency of multiple-unit temporaries in a typical general practice
- Differences and similarities between single-tooth temporaries and multiple-tooth temporaries
- Steps in fabrication of a temporary restoration for a three-unit fixed prosthesis
- Frequency of need for a fixed full-arch temporary restoration
- Two methods to make full-arch fixed temporary restorations
- Temporary cements for fixed temporary restorations
- Differences between temporary restorations for crowns, inlays, or onlays
- Technique for making temporaries for multiple veneers
- Cement type for veneer temporaries, inlays, or onlays
- Disinfection and desensitization of tooth preparations and the sequence for doing this procedure
- Need for proper occlusal contacts on temporary restorations
- Need for tight contact areas on temporary restorations
- Repair of bubbles on a bis-acryl temporary restoration
- Ideal temporary restoration characteristics

SUPPLEMENTAL MATERIALS

S1943 Simple Temporary Restorations

1. Christensen GJ. Ask Dr. Christensen: Occlusion in 2022: The forgotten area in dentistry. *Dental Economics*. 2022 Mar;112(3):68-70.
2. Christensen GJ. Ask Dr. Christensen: Which crown types are best for what situations? *Dental Economics*. 2022 Feb;112(2):61-4.
3. Mohajeri M, Khazaei S, Vafae F, Firouz F, Gholiabad SG, Shisheian A. Marginal Fit of Temporary Restorations Fabricated by the Conventional Chairside Method, 3D Printing, and Milling. *Front Dent*. 2021 Sep 5;18:31. doi: 10.18502/fid.v18i31.7236.eCollection 2021.
4. Christensen GJ. Ask Dr. Christensen: Dental implants versus fixed prostheses. *Dental Economics*. 2021 Aug;111(8):52-6.
5. Christensen GJ. Ask Dr. Christensen: What cement type is best in 2021? *Dental Economics*. 2021 May;111(5):54-7.
6. Moon W, Kim S, Lim BS, Park YS, Kim RJY, and Chung SH. Dimensional Accuracy Evaluation of Temporary Dental Restorations with Different 3D Printing Systems. *Materials (Basel)*. 2021 Mar 18;14(6):1487. doi: 10.3390/mal4061487.
7. Sisler Z. More Than Just a Temporary Solution, Precise Provisionals Are the Key to Final Restorations. *Compend Contin Educ Dent*. 2021 Feb;42(2):70-75; quiz 76.
8. Christensen GJ. Ask Dr. Christensen: Let's save teeth. *Dental Economics*. 2020 Mar;110(3):71-3.
9. González-Martin O, Lee E, Weisgold A, Veltri M, and Su H. Contour Management of Implant Restorations for Optimal Emergence Profiles: Guidelines for Immediate and Delayed Provisional Restorations. *Int J Periodontics Restorative Dent*. 2020 Jan/Feb;40(1):61-70. doi: 10.11607/prd.4422.
10. Christensen GJ. Ask Dr. Christensen: Why implant-supported edentulous prostheses? *Dental Economics*. 2020 Jan;110(1):47-50.
11. Mizrahi B. Temporary restorations: the key to success. *Br Dent J*. 2019 May;226(10):761-768. doi: 10.1038/s41415-019-0360-1.
12. Christensen GJ. Ask Dr. Christensen: We already have the perfect team. *Dental Economics*. 2018 Aug;108(8):82-4.

POST-TEST

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1. Bis-acryl resin is stronger than conventional composite restorative resin.
 - a. True
 - b. False

2. IRM:
 - a. is a ZOE material.
 - b. can be hand mixed to any viscosity.
 - c. has some water solubility.
 - d. all the above.

3. Single-crown temporary restorations:
 - a. should be 200 microns too low to avoid causing injury to the tooth.
 - b. should have proximal contact areas slightly too tight.
 - c. can serve adequately for up to 6 months.
 - d. none of the above.

4. When prepping four teeth in a quadrant, the temporary should:
 - a. connect all the teeth.
 - b. have four separate temporary crowns.
 - c. be PMMA resin.
 - d. be cemented with non-eugenol cement.

5. A full-arch provisional restoration is best made:
 - a. with a full connected temporary made inside of a suck-down template.
 - b. with a thin custom shell lined in the mouth.
 - c. with separate single-tooth temporaries.
 - d. with three separate sections of temporaries.

6. Veneer temporaries for six adjacent teeth:
 - a. should not be connected.
 - b. should be cemented with ZOE cement.
 - c. should be cemented with resin cement bonded only to a small circular acid-etched segment of the prep.
 - d. none of the above.

7. There is no need to disinfect preps for veneers.
 - a. True
 - b. False

POST-TEST (CONT'D)

S1943 Simple Temporary Restorations

- 8. The standard temporary cement for a single-tooth temporary is:
 - a. Non-ZOE.
 - b. ZOE.
 - c. Temp-Bond Clear.

- 9. A temporary restoration for a three-unit fixed prosthesis should be:
 - a. two separate temporary crowns on the two abutments.
 - b. a three-unit temporary with a pontic.

- 10. Inlay or onlay temporaries should be cemented with:
 - a. ZOE.
 - b. Non-ZOE.
 - c. flexible resin that does not require cement.

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Auxiliary (no limit): \$10 for each auxiliary taking test