### **PRACTICAL CLINICAL COURSES**

A Service of the Gordon J. Christensen Career Development Program

# S1352 When to Kill or Remove a Tooth?

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

#### S1352 When to Kill or Remove a Tooth?

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

#### 1. Absolute Dentin

Parkell, Inc. 300 Executive Drive Edgewood, NY 11717 (800)243-7446 (631)249-1134 www.parkell.com

#### 2. Adhese Universal

Ivoclar Vivadent 175 Pineview Drive Pinehurst, NY 14228 (800)533-6825 (716)691-0010 www.ivoclar.com

#### 3. Build-It FR by Pentron

Kerr Corporation 1717 West Collins Avenue Orange, CA 92867 (800)551-0283 (714)516-7557 www.pentron.com

## 4. Burs 329, 330, 1156, 1170, ¼, ½

Available from Many Manufacturers

#### 5. Ceramir Protect LC Syringe

Directa Inc.
64 Barnabas Road, Unit 3
Newtown, CT 06470
(203)491-2273
(800)537-8765
www.ceramirdental.com

#### 6. Core Paste XP

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

#### 7. Cure-Thru IntegraPost

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

## 8. D.T. Light-Post Illusion X-RO by RTD Dental

Many Dental Distributors

#### 9. Dycal

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

#### 10. Dyract eXtra

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

#### 11. Endo-Eze MTAFlow

Ultradent Products Inc. 505 West Ultradent Drive South Jordan, UT 84095 (801)572-4200 www.ultradent.com

#### 12. EQUIA Forte

GC America Inc. 3737 W. 127<sup>th</sup> Street Alsip, IL 60803 (800)323-7063 www.gcamerica.com

#### 13. Filpin by Filhol Dental

Southeast Medical Products, Inc. 5524 Commerce Drive Orlando, FL 32839 (407)851-5848 www.filhol.com

#### 14. Filpin Bender by Filhol Dental

Southeast Medical Products, Inc. 5524 Commerce Drive Orlando, FL 32839 (407)851-5848 www.filhol.com

#### 15. Fuji II LC

GC America Inc. 3737 W. 127<sup>th</sup> Street Alsip, IL 60803 (800)323-7063 www.gcamerica.com

#### 16. Fuji Lining Cement

GC America Inc. 3737 W. 127<sup>th</sup> Street Alsip, IL 60803 (800)323-7063 www.gcamerica.com

## 17. **G5** All-Purpose Desensitizer by Clinician's Choice Dental

Henry Schein 135 Duryea Road Melville, NY 11747 (800)372-4346 (631)843-5500 www.henryschein.com

#### 18. GLUMA Desensitizer

Kulzer, LLC 4315 S. Lafayette Blvd. South Bend, IN 46614 (800)431-1785 www.kulzer.com

#### 19. Ketac Nano

3M Oral Care 2510 Conway Avenue St. Paul, MN 55144-1000 (800)634-2249 (651)733-1110 www.3m.com

#### 20. MicroPrime G

Zest Dental Solutions 2875 Loker Avenue East Carlsbad, CA 92010 (888)780-1671 www.zestdent.com

#### 21. MultiCore Flow

Ivoclar Vivadent 175 Pineview Drive Pinehurst, NY 14228 (800)533-6825 (716)691-0010 www.ivoclar.com

## 22. NORDIN Retention Pins (Titanium)

Benco Dental Supply Company 295 Centerpoint Blvd. Pittston, PA 18640 (800)462-3626 (570)602-7000 www.benco.com

#### 23. ParaPost Fiber Lux

Coltene
235 Ascot Parkway
Cuyahoga Falls, OH 44223
(800)221-3046
(330)916-8800
www.coltene.com

#### 24. Scotchbond Universal Plus

3M Oral Care 2510 Conway Avenue St. Paul, MN 55144-1000 (800)634-2249 (651)733-1110 www.3m.com

#### 25. TheraCal PT

BISCO, Inc. 1100 W. Irving Park Road Schaumburg, IL 60193 (800)247-3368 www.bisco.com

#### 26. Ultra-Etch

Ultradent Products Inc. 505 West Ultradent Drive South Jordan, UT 84095 (801)572-4200 www.ultradent.com

#### 27. ViscoStat Clear

Ultradent Products Inc. 505 West Ultradent Drive South Jordan, UT 84095 (801)572-4200 www.ultradent.com

#### 28. Vitrebond Plus

3M Oral Care 2510 Conway Avenue St. Paul, MN 55144-1000 (800)634-2249 (651)733-1110 www.3m.com

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

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#### **PROGRAM**

#### S1352 When to Kill or Remove a Tooth?

#### **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. List five main factors related to when to retain natural teeth.
- 2. List five types of education for patients that can help your practice.
- 3. Discuss the six factors involved in adequate informed consent.
- 4. Describe the life cycle of a tooth.
- 5. Draw a slot prep on a premolar.
- 6. List the steps for disinfection and desensitization of tooth preps.
- 7. Discuss the main reasons for pulp capping instead of doing endo.
- 8. List the steps in pulp capping.
- 9. Describe a filler.
- 10. List materials appropriate for fillers.
- 11. Describe the main reasons for a bonding agent.
- 12. Describe a build-up.
- 13. List the major material types for build-ups.
- 14. Describe the main reason for placing retentive pins.
- 15. Describe characteristics necessary for accomplishing endo on a tooth.
- 16. List five situations when a post and core should be considered.
- 17. Describe the most popular type of post.
- 18. Describe when to remove a tooth and place an implant.
- 19. Describe when to remove a tooth and place a 3-unit fixed partial denture.
- 20. Describe when to remove a tooth (teeth) and place a removable prosthesis.

#### OVERVIEW

#### S1352 When to Kill or Remove a Tooth?

In recent years, there has been a continuing emphasis on removing teeth and placing implants. Now, after over 35 years of observing implants, peri-implantitis is present in about 50% of them within about ten years. It is time to reconsider. There are many ways to reduce the removal of natural teeth. This video shows how to KEEP NATURAL TEETH. The following and other subjects are included:

- Five main factors related to when to retain natural teeth.
- Five types of education for patients that can help your practice.
- Six factors involved in adequate informed consent.
- The life cycle of a tooth.
- Slot preps on a premolar.
- Steps for disinfection and desensitization of tooth preps.
- The main reasons for pulp capping instead of doing endo.
- The steps in pulp capping.
- Fillers.
- Materials appropriate for fillers.
- The main reasons for a bonding agent.
- Build-ups.
- The major material types for build-ups.
- The main reason for placing retentive pins.
- Characteristics necessary for accomplishing endo on a tooth.
- Five situations when a post and core should be considered.
- The most popular type of post.
- When to remove a tooth and place an implant.
- When to remove a tooth and place a 3-unit fixed partial denture.
- When to remove a tooth (teeth) and place a removable prosthesis.

#### **SUPPLEMENTAL MATERIALS**

#### S1352 When to Kill or Remove a Tooth?

- 1. Christensen GJ. Ask Dr. Christensen: Solving challenges with zirconia and lithium disilicate crowns. Dental Economics. 2023 Oct;113(10):35-36, 38.
- 2. Christensen GJ. Ask Dr. Christensen: How to make a lifetime crown. Dental Economics. 2023 Sept;113(9):74-77.
- 3. Christensen GJ. Ask Dr. Christensen: Does that tooth really need endo? Dental Economics. 2023 Aug;113(8):51-4.
- 4. Christensen GJ. Ask Dr. Christensen: Has pulp capping been replaced by endo treatment? Dental Economics. 2023 May;113(5):52-4.
- 5. Christensen GJ. Ask Dr. Christensen: How long do dental restorations last? Dental Economics. 2022 Dec;112(12):57-60.
- 6. Broers DLM, Dubois L, de Lange J, Su N, and de Jongh A. Reasons for Tooth Removal in Adults: A Systematic Review. Int Dent J. 2022 Feb;72(1):52-57. doi: 10.1016/j.identj.2021.01.011. Epub 2021 Feb 26.
- 7. Clark D and Levin L. In the dental implant era, why do we still bother saving teeth? Dent Traumatol. 2019 Dec;35(6):368-375. doi: 10.1111/edt.12492. Epub 2019 Oct 14.
- 8. Ting M, Faulkner RJ, Donatelli DP, and Suzuki JB. Tooth-to-Implant-Supported Fixed Partial Denture: A Comprehensive Overview of Systematic Reviews. Implant Dent. 2019 Oct;28(5):490-499. doi: 10.1097/ID.00000000000000001.
- 9. Pjetursson BE and Heimisdottir K. Dental implants are they better than natural teeth? Eur J Oral Sci. 2018 Oct; 126 Suppl 1:81-87. doi: 10.1111/eos.12543.
- 10. Schwendicke F. Contemporary concepts in carious tissue removal: A review. J Esthet Restor Dent. 2017 Nov 12;29(6):403-408. doi: 10.1111/jerd.12338. Epub 2017 Sep 19.

#### POST-TEST

#### S1352 When to Kill or Remove a Tooth?

- 1. Dentistry's main goal is to:
  - a. Restore teeth with caries.
  - b. Find new restorative products.
  - c. Replace teeth lost by periodontal disease.
  - d. Retain natural teeth.
- 2. Which of the following statements is false?
  - a. Informed consent should be accomplished for all treatment plans.
  - b. Financial availability for treatment is not a factor for most patients.
  - c. Desire to retain natural teeth is a factor in treatment planning for most patients.
  - d. Previous oral hygiene is a factor in treatment planning for most patients.
- 3. Reducing the degenerating standard life cycle of a tooth is primarily up to the patient.
  - a. True
  - b. False
- 4. Conservative tooth preparations are:
  - a. Difficult.
  - b. Relatively simple.
  - c. Not important.
  - d. None of the above.
- 5. The desensitization and disinfection of tooth preparations presented in this video is:
  - a. Chlorhexidine gluconate.
  - b. Glutaraldehyde and HEMA.
  - c. Benzalkonium chloride.
  - d. None of the above.
- 6. Pulp capping is:
  - a. Always successful.
  - b. Over 50% successful.
  - c. Not usually successful.
- 7. When pulp capping:
  - a. The tooth should not be bleeding.
  - b. The first step is to remove all the caries.
  - c. Aluminum chloride can be applied if mild bleeding is difficult to control.

## POST-TEST (CONT'D)

### S1352 When to Kill or Remove a Tooth?

8.	Composite build-ups are:  a. Cariostatic.  b. Not cariostatic.
9.	Glass ionomer can be used for some build-ups.  a. True  b. False
10.	Patient compliance to your preventive suggestions is for reversal or reduction of caries.  a. Mandatory  b. Voluntary
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