

**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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**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](http://www.parkell.com)
2. **Adhese Universal**  
Ivoclar Vivadent  
175 Pineview Drive  
Pinehurst, NY 14228  
(800)533-6825  
(716)691-0010  
[www.ivoclar.com](http://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](http://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](http://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](http://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](http://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  
PI  
Charlotte, NC 28277  
(800)877-0020  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
10. **Dyract eXtra**  
Dentsply Sirona Inc.  
13320-B Ballantyne Corporate  
PI  
Charlotte, NC 28277  
(800)877-0020  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
11. **Endo-Eze MTAFlow**  
Ultradent Products Inc.  
505 West Ultradent Drive  
South Jordan, UT 84095  
(801)572-4200  
[www.ultradent.com](http://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](http://www.gcamerica.com)
13. **Filpin by Filhol Dental**  
Southeast Medical Products, Inc.  
5524 Commerce Drive  
Orlando, FL 32839  
(407)851-5848  
[www.filhol.com](http://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](http://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](http://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](http://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](http://www.henryschein.com)
18. **GLUMA Desensitizer**  
Kulzer, LLC  
4315 S. Lafayette Blvd.  
South Bend, IN 46614  
(800)431-1785  
[www.kulzer.com](http://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](http://www.3m.com)
20. **MicroPrime G**  
Zest Dental Solutions  
2875 Loker Avenue East  
Carlsbad, CA 92010  
(888)780-1671  
[www.zestdent.com](http://www.zestdent.com)
21. **MultiCore Flow**  
Ivoclar Vivadent  
175 Pineview Drive  
Pinehurst, NY 14228  
(800)533-6825  
(716)691-0010  
[www.ivoclar.com](http://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](http://www.benco.com)
23. **ParaPost Fiber Lux**  
Coltene  
235 Ascot Parkway  
Cuyahoga Falls, OH 44223  
(800)221-3046  
(330)916-8800  
[www.coltene.com](http://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](http://www.3m.com)
25. **TheraCal PT**  
BISCO, Inc.  
1100 W. Irving Park Road  
Schaumburg, IL 60193  
(800)247-3368  
[www.bisco.com](http://www.bisco.com)
26. **Ultra-Etch**  
Ultradent Products Inc.  
505 West Ultradent Drive  
South Jordan, UT 84095  
(801)572-4200  
[www.ultradent.com](http://www.ultradent.com)
27. **ViscoStat Clear**  
Ultradent Products Inc.  
505 West Ultradent Drive  
South Jordan, UT 84095  
(801)572-4200  
[www.ultradent.com](http://www.ultradent.com)
28. **Vitrebond Plus**  
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St. Paul, MN 55144-1000  
(800)634-2249  
(651)733-1110  
[www.3m.com](http://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**

*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. 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.0000000000000901.
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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