

## **PRACTICAL CLINICAL COURSES**

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Career Development Program*

**S4373**

### **Ridge Preservation Should Be a Routine Procedure!**

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*  
**S4373 Ridge Preservation Should Be a Routine Procedure!**  
Presented by: Gordon J. Christensen, DDS, MSD, PhD

1. **1171L Six-Bladed Carbide Bur**  
Various Distributors
2. **Bio-Gide**  
Geistlich Pharma North America  
400 Alexander Park Drive  
Suite 302  
Princeton, NJ 08540  
(855)799-5500  
[www.geistlich-na.com](http://www.geistlich-na.com)
3. **Bio-Oss**  
Geistlich Pharma North America  
400 Alexander Park Drive  
Suite 302  
Princeton, NJ 08540  
(855)799-5500  
[www.geistlich-na.com](http://www.geistlich-na.com)
4. **Cytoplast**  
Osteogenics Biomedical  
4620 71<sup>st</sup> Street  
Suite 78  
Lubbock, TX 79424  
(888)796-1923  
(806)796-1923  
[www.osteogenics.com](http://www.osteogenics.com)
5. **Degranulation Kit**  
Strauss Diamond Instruments  
9 Florida Park Drive North  
Palm Coast, FL 32137  
(800)982-9641  
(386)597-7523  
[www.strausdiamond.com](http://www.strausdiamond.com)
6. **Foundation**  
J. Morita USA, Inc.  
9 Mason  
Irvine, CA 92618  
(800)831-3222  
(949)581-9600  
[www.morita.com/usa](http://www.morita.com/usa)
7. **Gore-Tex Soft Tissue Patch**  
W.L. Gore & Associates, Inc.  
Medical Products Division  
P.O. Box 2400  
Flagstaff, AZ 86003-2400  
(800)528-8763  
(928)864-2927  
[www.goremedical.com](http://www.goremedical.com)
8. **GUIDOR easy-graft (originally from Sunstar)**  
Regenity Biosciences  
115 West Century Road  
Suite 380  
Paramus, NJ 07652  
(201)405-1477  
[www.regenity.com](http://www.regenity.com)
9. **Luxating Elevators (Luxators) (LUX-5-STRAIGHT or LUX-THIN-4.5)**  
Salvin Dental Specialties, LLC  
3450 Latrobe Drive  
Charlotte, NC 28211  
(800)535-6566  
(704)442-5400  
[www.salvin.com](http://www.salvin.com)
10. **Mem-Lok**  
BioHorizons  
2300 Riverchase Center  
Birmingham, AL 35244  
(888)246-8338  
(205)967-7880  
[www.biohorizons.com](http://www.biohorizons.com)
11. **MinerOss**  
BioHorizons  
2300 Riverchase Center  
Birmingham, AL 35244  
(888)246-8338  
(205)967-7880  
[www.biohorizons.com](http://www.biohorizons.com)
12. **Needle Holder**  
Various Distributors
13. **NeoGen**  
Neoss Inc.  
1900 West Park Drive  
Suite 165  
Westborough, MA 01581  
(866)626-3677  
[www.neoss.com](http://www.neoss.com)
14. **Ora-Aid**  
OsseoDent, Inc.  
14649 SW 42<sup>nd</sup> Street  
Suite 103  
Miami, FL 33175  
(305)306-1000  
[www.osseodent.com](http://www.osseodent.com)
15. **OsseoGuard**  
ZimVie Inc.  
4555 Riverside Drive  
Palm Beach Gardens, FL 33410  
(800)342-5454  
(561)776-6700  
[www.zimvie.com](http://www.zimvie.com)

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| <p>16. <b>OsseoScape Angled Bone Scraper</b><br/>Salvin Dental Specialties, LLC<br/>3450 Latrobe Drive<br/>Charlotte, NC 28211<br/>(800)535-6566<br/>(704)442-5400<br/><a href="http://www.salvin.com">www.salvin.com</a></p> <p>17. <b>OsteoGen Plug</b><br/>Impladent Ltd.<br/>86-90 188<sup>th</sup> Street<br/>Jamaica, NY 11423<br/>(888)212-4383<br/><a href="http://www.impladentltd.com">www.impladentltd.com</a></p> <p>18. <b>Periosteal Elevator</b><br/>Karl Schumacher Dental, LLC<br/>1666 East Touhy Avenue<br/>Des Plaines, IL 60018<br/>(800)523-2427<br/>(215)322-0511<br/><a href="http://www.karlschumacher.com">www.karlschumacher.com</a></p> <p>19. <b>Puros DBM Particulate</b><br/>ZimVie Inc.<br/>4555 Riverside Drive<br/>Palm Beach Gardens, FL 33410<br/>(800)342-5454<br/>(561)776-6700<br/><a href="http://www.zimvie.com">www.zimvie.com</a></p> <p>20. <b>REDISORB PRO Sutures</b><br/>Various Distributors</p> | <p>21. <b>Safescraper TWIST from META</b><br/>Various Distributors</p> <p>22. <b>Spoon Excavator</b><br/>Karl Schumacher Dental, LLC<br/>1666 East Touhy Avenue<br/>Des Plaines, IL 60018<br/>(800)523-2427<br/>(215)322-0511<br/><a href="http://www.karlschumacher.com">www.karlschumacher.com</a></p> <p>23. <b>The Smart Dentin Grinder (Genesis)</b><br/>KometaBio<br/>83 North Summit Street<br/>Tenafly, NJ 07670<br/>(866)772-2871<br/><a href="http://www.kometabio.com">www.kometabio.com</a></p> |
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***Product names, the products themselves, and company names change rapidly. Please contact the companies shown to confirm current information.***

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## **PROGRAM**

### **S4373 Ridge Preservation Should Be a Routine Procedure!**

#### **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. Describe how teeth can be removed without breaking bone.
2. Discuss the advantages of ridge preservation grafting.
3. Describe where in the mouth ridge preservation is most needed.
4. Discuss at what time ridge grafting should ideally be done.
5. List the several types of grafting materials.
6. Define autograft.
7. Define allograft.
8. Define alloplast.
9. Define Xenograft.
10. List and define biologics.
11. Compare the characteristics of bone graft materials.
12. Suggest the most appropriate grafting material for specific sites in the mouth.
13. List the steps for grafting a 4-wall socket.
14. List the steps for grafting a 3-wall socket.
15. Describe the need for barriers.
16. List and compare the types of suture materials that are commonly used in dentistry.
17. Discuss the amount of time for graft healing.
18. Compare patient costs for types of grafts.
19. List five ADA codes related to grafting.
20. List and discuss two major reasons for ridge grafting.

## **OVERVIEW**

### **S4373 Ridge Preservation Should Be a Routine Procedure!**

In the past, ridge preservation has not been a frequent procedure. However, more recently, it has become more popular because of the introduction of OsteoGen plugs, a simple collagen and grafting material combination. This easily used concept has made dentists become more aware of the need to graft extraction sockets to facilitate optimum prosthesis esthetics and ability to place implants.

The following and other topics are included in this video:

- How teeth can be removed without breaking bone.
- Advantages of ridge preservation grafting.
- Where in the mouth ridge preservation is most needed.
- When should ridge grafting be done in relation to tooth removal.
- Types of grafting materials.
- Autografts.
- Allografts.
- Alloplast.
- Xenografts.
- Biologics.
- Characteristics of bone graft materials.
- Most appropriate grafting materials for specific sites in the mouth.
- Steps for grafting a 4-wall socket.
- Steps for grafting a 3-wall socket.
- The need for barriers.
- Types of suture materials that are commonly used in dentistry.
- The amount of time for graft healing.
- Patient costs for types of grafts.
- ADA codes related to grafting.
- Major reasons for ridge grafting.

## **SUPPLEMENTAL MATERIALS**

### **S4373 Ridge Preservation Should Be a Routine Procedure!**

1. Christensen GJ. Ask Dr. Christensen: Zirconia crowns: The good and the bad. Dental Economics. 2024 Nov/Dec;114(10):50-51, 58.
2. Christensen GJ. Ask Dr. Christensen: Which is best: A 3-unit fixed prosthesis or an implant and crown? Dental Economics. 2024 Oct;114(9):38, 40-41, 55.
3. Christensen GJ. Ask Dr. Christensen: Best methods to educate patients. Dental Economics. 2024 May;114(5):41-43, 55.
4. Christensen GJ. Ask Dr. Christensen: Why should teeth be removed? Dental Economics. 2023 Nov;113(11):46-50.
5. Kandhari S, Khalid S, James A, Lavery DP. Bone grafting techniques and materials for implant dentistry. Br Dent J. 2023 Aug;235(3):180-189. doi: 10.1038/s41415-023-6113-1. Epub 2023 Aug 11.
6. El-Sioufi I, Oikonomou I, Koletsi D, Bobetsis YA, Madianos PN, Vassilopoulos S. Clinical evaluation of different alveolar ridge preservation techniques after tooth extraction: a randomized clinical trial. Clin Oral Investig. 2023 Aug;27(8):4471-4480. doi: 10.1007/s00784-023-05068-1. Epub 2023 May 25.
7. Barootchi S, Tavelli L, Majzoub J, Stefanini M, Wang HL, Avila-Ortiz G. Alveolar ridge preservation: Complications and cost-effectiveness. Periodontol 2000. 2023 Jun;92(1):235-262. doi: 10.1111/prd.12469. Epub 2022 Dec 29.
8. Deng Y, Liang Y, Liu X. Biomaterials for Periodontal Regeneration. Dent Clin North Am. 2022 Oct;66(4):659-672. doi: 10.1016/j.cden.2022.05.011. Epub 2022 Sep 11.
9. MacBeth ND, Donos N, Mardas N. Alveolar ridge preservation with guided bone regeneration or socket seal technique. A randomized, single-blind controlled clinical trial. Clin Oral Implants Res. 2022 Jul;33(7):681-699. doi: 10.1111/clr.13933. Epub 2022 Jun 22.
10. Avila-Ortiz G, Gubler M, Romero-Bustillos M, Nicholas CL, Zimmerman MB, Barwacz CA. Efficacy of Alveolar Ridge Preservation: A Randomized Controlled Trial. J Dent Res. 2020 Apr;99(4):402-409. doi: 10.1177/0022034520905660. Epub 2020 Feb 12.
11. Kalsi AS, Kalsi JS, Bassi S. Alveolar ridge preservation: why, when and how. Br Dent J. 2019 Aug;227(4):264-274. doi: 10.1038/s41415-019-0647-2.

## **POST-TEST**

### **S4373 Ridge Preservation Should Be a Routine Procedure!**

1. Extracting teeth without breaking bone is usually possible.
  - a. True
  - b. False
2. Grafting is best done two weeks after tooth removal.
  - a. True
  - b. False
3. Ridge preservation procedures can improve the esthetic result of the final restoration.
  - a. True
  - b. False
4. Ridge preservation procedures are usually necessary for posterior teeth.
  - a. True
  - b. False
5. Alloplast materials are the most-used type of bone graft materials.
  - a. True
  - b. False
6. Xenograft materials are usually from human cadavers.
  - a. True
  - b. False
7. Biologics are used to speed healing and promote bone replacement.
  - a. True
  - b. False



**POST-TEST (CONT'D)**

**S4373 Ridge Preservation Should Be a Routine Procedure!**

8. OsteoGen plugs are most appropriate for 4-wall sockets.
  - a. True
  - b. False
9. Hydroxyapatite is an allograft.
  - a. True
  - b. False
10. Gut sutures are prone to dissolve soon in acidic conditions.
  - a. True
  - b. False

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