

**PRACTICAL CLINICAL COURSES**  
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Career Development Program

**V2391**  
**Diagnosis and Treatment of Failing Implants**

Jon B. Suzuki, DDS, PhD, MBA  
Gordon J. Christensen, DDS, MSD, PhD

**Materials Included:**  
C.E. Instruction Sheet  
Products List  
Clinicians 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**  
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**V2391 Diagnosis and Treatment of Failing Implants**

Presented by: Jon B. Suzuki, DDS, PhD, MBA & Gordon J. Christensen, DDS, MSD, PhD

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Parkell, Inc.  
300 Executive Drive  
Edgewood, NY 11717  
(800)243-7446  
(631)249-1134  
[www.parkell.com](http://www.parkell.com)
2. **AIR-FLOW Therapy**  
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3232 North Rockwell Street  
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(800)483-7433  
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3. **AlloDerm**  
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2300 Riverchase Center  
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(888)246-8338  
(205)967-7880  
[www.biohorizons.com](http://www.biohorizons.com)
4. **Arestin by OraPharma**  
Various Pharmacies
5. **Barricaid**  
Dentsply Sirona  
221 West Philadelphia Street  
Suite 60W  
York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
6. **Blue-Sleeved Cavitron Tip**  
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York, PA 17401  
(844)848-0137  
(717)845-7511  
[www.dentsplysirona.com](http://www.dentsplysirona.com)
7. **CHAIRSIDE Block Out Material**  
Zest Dental Solutions  
2875 Loker Avenue East  
Carlsbad, CA 92010  
(800)262-2310  
(760)743-7744  
[www.zestdent.com](http://www.zestdent.com)
8. **COE-Pak**  
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3737 West 127<sup>th</sup> Street  
Alsip, IL 60803  
(800)323-3386  
(708)597-0900  
[www.gcamerica.com](http://www.gcamerica.com)
9. **FlexiPoints**  
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401 North Michigan Avenue  
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Chicago, IL 60611  
(800)621-6729  
(312)644-9586  
[www.cosmedent.com](http://www.cosmedent.com)
10. **Implacare II**  
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(800)483-7433  
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[www.hu-friedy.com](http://www.hu-friedy.com)
11. **Implant Rescue Kit**  
Salvin Dental Specialties, Inc.  
3450 Latrobe Drive  
Charlotte, NC 28211  
(800)535-6566  
(704)442-5400  
[www.salvin.com](http://www.salvin.com)
12. **Intraoral Repair Kit**  
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[www.bisco.com](http://www.bisco.com)
13. **Liquid Magic**  
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18. **Orban Knife**  
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19. **Peridex**  
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3M Center  
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(800)634-2249  
(651)575-5144  
[www.3m.com](http://www.3m.com)
20. **PGA Sutures with C6-C9 Needles**  
Various Manufacturers
21. **Politip**  
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Amherst, NY 14228  
(800)533-6825  
(716)691-0010  
[www.ivoclarvivadent.us](http://www.ivoclarvivadent.us)
22. **Premier Implant Cement**  
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1710 Romano Drive  
Plymouth Meeting, PA 19462  
(888)670-6100  
(610)239-6000  
[www.premusa.com](http://www.premusa.com)
23. **RENSGR 11-12**  
Nordent Manufacturing  
610 Bonnie Lane  
Elk Grove Village, IL 60007  
(800)966-7336  
(847)437-4780  
[www.nordent.com](http://www.nordent.com)
24. **RotoBrush - Titanium**  
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3450 Latrobe Drive  
Charlotte, NC 28211  
(800)535-6566  
(704)442-5400  
[www.salvin.com](http://www.salvin.com)
25. **#15 Scalpel Blades**  
Various Manufacturers
26. **Sonicare AirFloss Pro**  
Philips Oral Healthcare  
1600 Summer Street  
Stamford, CT 06910  
(800)422-9448  
[www.sonicare.com](http://www.sonicare.com)
27. **Suzuki Perio Surgical Kit for Restorative Dentists**  
Hu-Friedy Mfg. Co., LLC  
3232 North Rockwell Street  
Chicago, IL 60618-5935  
(800)483-7433  
(773)975-6100  
[www.hu-friedy.com](http://www.hu-friedy.com)
28. **Suzuki Surgical Kit for Periodontists**  
Hu-Friedy Mfg. Co., LLC  
3232 North Rockwell Street  
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(800)483-7433  
(773)975-6100  
[www.hu-friedy.com](http://www.hu-friedy.com)
29. **Telio CS Cem Implant**  
Ivoclar Vivadent, Inc.  
175 Pineview Drive  
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(800)533-6825  
(716)691-0010  
[www.ivoclarvivadent.us](http://www.ivoclarvivadent.us)
30. **TG/SK 13 Curette**  
Hu-Friedy Mfg. Co., LLC  
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(800)483-7433  
(773)975-6100  
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(203)775-4342  
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***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  
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## **PROGRAM**

### **V2391 Diagnosis and Treatment of Failing Implants**

#### **CLINICIANS RESPONSIBLE:**

##### **Jon B. Suzuki, DDS, PhD, MBA**

Professor of Microbiology and Immunology, Temple University  
Professor of Periodontology and Oral Implantology, Temple University  
Associate Dean for Graduate Education, Temple University  
Director of Graduate Periodontology and Oral Implantology, Temple University

##### **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 factors that may contribute to root-form implant failure.
2. Describe peri-implant mucositis.
3. Describe peri-implantitis.
4. Discuss the relationship of medical conditions to implant failures.
5. Discuss the relationship of medications to implant failures.
6. List the levels of peri-implant disease.
7. Discuss the characteristics of early peri-implant disease.
8. Discuss the characteristics of moderate peri-implant disease.
9. Discuss the characteristics of advanced peri-implant disease.
10. Discuss the Suzuki instrument kit for GPs.
11. Discuss the Suzuki instrument kit for periodontists or advanced GPs.
12. Describe treatment for early peri-implant disease.
13. Describe treatment for moderate peri-implant disease.
14. Describe treatment for advanced peri-implant disease.
15. Discuss use of antibiotics when treating failing implants.
16. Discuss instruments and materials to remove debris from failing implants.
17. Discuss when to remove an implant.
18. Discuss how to remove an implant.
19. Discuss patient oral hygiene for treated failing implants.
20. Discuss dental hygienist maintenance for treated failing implants.

## OVERVIEW

### **V2391 Diagnosis and Treatment of Failing Implants**

When root-form implants were first introduced to the profession, it appeared that they were going to be *the* ideal tooth replacement. However, as over 30 years have passed, peri-implant mucositis and peri-implantitis resembling the same disease characteristics as periodontal disease around natural teeth are being observed.

This presentation includes the following topics:

- Peri-implant mucositis
- Peri-implantitis
- Impact of medical issues on implant failures
- Impact of medications on implant failures
- Early peri-implant disease
- Moderate peri-implant disease
- Advanced peri-implant disease
- Treatment for early peri-implant disease
- Treatment for moderate peri-implant disease
- Treatment for advanced peri-implant disease
- Surgical instruments
- Materials needed for treatment
- Medications
- Patient oral hygiene for treated failing implants
- Dental hygienist treatment for treated failing implants
- When to remove an implant

## SUPPLEMENTAL MATERIALS

### **V2391 Diagnosis and Treatment of Failing Implants**

1. Christensen, G.J. Ask Dr. Christensen: Are fixed or removable prostheses best for edentulous patients? *Dental Economics*. 2018 Jun;108(6):70-73.
2. Christensen, GJ. Ask Dr. Christensen: Is cone beam really necessary? *Dental Economics*. 2018 May;108(5):88-90.
3. Christensen, GJ. Ask Dr. Christensen: Which is best: Tooth or implant? *Dental Economics*. 2017 Aug;107(8):66-67.
4. Christensen, GJ. Ask Dr. Christensen: When to load an implant. *Dental Economics*. 2017 Feb;107(2):74-6.
5. Stajčić Z, Stojčev Stajčić LJ, Kalanović M, Dinić A, Divekar N, Rodić M. Removal of dental implants: review of five different techniques. *Int J Oral Maxillofac Surg*. 2016 May;45(5):641-8. doi: 10.1016/j.ijom.2015.11.003. Epub 2015 Dec 10.
6. Robertson K, Shahbazian T, MacLeod S. Treatment of peri-implantitis and the failing implant. *Dent Clin North Am*. 2015 Apr;59(2):329-43. doi: 10.1016/j.cden.2014.10.007. Epub 2015 Jan 16.
7. Greenstein G, Cavallaro J. Failed dental implants: diagnosis, removal and survival of reimplantations. *J Am Dent Assoc*. 2014 Aug;145(8):835-42. doi: 10.14219/jada.2014.28.
8. Becker W, Hujoel P, Becker BE, Wohrle P. Survival rates and bone level changes around porous oxide-coated implants (TiUnite™). *Clin Implant Dent Relat Res*. 2013 Oct;15(5):654-60. doi: 10.1111/cid.12106. Epub 2013 Aug 1.
9. Sakka S, Idrees M, Alissa R, Kujan O. Ailing and failing oral implants: initial therapy and surgical management. *J Investig Clin Dent*. 2013 Nov;4(4):207-10. doi: 10.1111/jicd.12011. Epub 2012 Nov 27.

## POST-TEST

### **V2391 Diagnosis and Treatment of Failing Implants**

1. Which of the following can be factors contributing to implant failure?
  - a. Occlusion
  - b. Bisphosphonates
  - c. Smoking
  - d. All of the above
  
2. Treatment for moderate peri-implant disease is usually:
  - a. questionably successful.
  - b. surgical.
  - c. non-surgical.
  - d. difficult clinically.
  
3. Attempting to salvage a failing implant should be accompanied by:
  - a. thorough patient informed consent.
  - b. enhanced patient oral hygiene.
  - c. enhanced dental hygienist activity.
  - d. all of the above.
  
4. Treatment for early peri-implant disease is usually:
  - a. surgical.
  - b. non-surgical.
  - c. difficult clinically.
  - d. questionably successful.
  
5. Remove an implant when:
  - a. it is mobile.
  - b. it can be rotated.
  - c. suppuration is present.
  - d. one or all of the above.
  
6. Treatment for advanced peri-implant disease is usually:
  - a. not difficult.
  - b. highly predictable.
  - c. questionably successful.
  - d. non-surgical.
  
7. Which level of treatment for peri-implant disease requires bone grafting?
  - a. Early
  - b. Moderate
  - c. Advanced
  - d. None of the above



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

**V2391 Diagnosis and Treatment of Failing Implants**

- 8. Removal of the exposed threads on the failing implant:
  - a. is strongly recommended.
  - b. is controversial.
  - c. is a simple procedure.
  - d. does not contaminate the surgical field.
  
- 9. The material used to clean dental plaque from the failing implant is:
  - a. aluminum oxide.
  - b. titanium oxide.
  - c. glycine powder.
  - d. none of the above.
  
- 10. Removal of the plaque and debris from a failing implant is accomplished by:
  - a. rotating titanium bristle brushes.
  - b. abrasive powder used in an air polisher.
  - c. scalers.
  - d. all of the above.

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