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V2391

Diagnosis and Treatment of Failing Implants

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

1. **AccuFilm II**
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300 Executive Drive
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(631)249-1134
www.parkell.com
2. **AIR-FLOW Therapy**
Hu-Friedy Mfg. Co., LLC
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(800)483-7433
(773)975-6100
www.hu-friedy.com
3. **AlloDerm**
BioHorizons
2300 Riverchase Center
Birmingham, AL 35244
(888)246-8338
(205)967-7880
www.biohorizons.com
4. **Arestin by OraPharma**
Various Pharmacies
5. **Barricaid**
Dentsply Sirona
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(844)848-0137
(717)845-7511
www.dentsplysirona.com
6. **Blue-Sleeved Cavitron Tip**
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7. **CHAIRSIDE Block Out Material**
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www.zestdent.com
8. **COE-Pak**
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(800)323-3386
(708)597-0900
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9. **FlexiPoints**
Cosmedent, Inc.
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(312)644-9586
www.cosmedent.com
10. **Implacare II**
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www.hu-friedy.com
11. **Implant Rescue Kit**
Salvin Dental Specialties, Inc.
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www.salvin.com
12. **Intraoral Repair Kit**
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13. **Liquid Magic**
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14. **Madame Butterfly Silk**
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17. **Molt #4 Curette**
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18. **Orban Knife**
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19. **Peridex**
3M Oral Care
3M Center
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www.3m.com
20. **PGA Sutures with C6-C9 Needles**
Various Manufacturers
21. **Politip**
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175 Pineview Drive
Amherst, NY 14228
(800)533-6825
(716)691-0010
www.ivoclarvivadent.us
22. **Premier Implant Cement**
Premier Dental
1710 Romano Drive
Plymouth Meeting, PA 19462
(888)670-6100
(610)239-6000
www.premusa.com
23. **RENSGR 11-12**
Nordent Manufacturing
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(800)966-7336
(847)437-4780
www.nordent.com
24. **RotoBrush - Titanium**
Salvin Dental Specialties, Inc.
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(800)535-6566
(704)442-5400
www.salvin.com
25. **#15 Scalpel Blades**
Various Manufacturers
26. **Sonicare AirFloss Pro**
Philips Oral Healthcare
1600 Summer Street
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(800)422-9448
www.sonicare.com
27. **Suzuki Perio Surgical Kit for Restorative Dentists**
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www.hu-friedy.com
28. **Suzuki Surgical Kit for Periodontists**
Hu-Friedy Mfg. Co., LLC
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32. **TrollFoil**
TrollDental
661 Hayward Avenue North
Oakdale, MN 55128
(800)537-8765
(203)775-4342
www.trolldental.com

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PROGRAM

V2391 Diagnosis and Treatment of Failing Implants

CLINICIANS RESPONSIBLE:

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Gordon J. Christensen, DDS, MSD, PhD

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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

REFERENCES

V2391 Diagnosis and Treatment of Failing Implants

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2. Christensen, G.J. Ask Dr. Christensen: Is cone beam really necessary? *Dental Economics*. 2018 May;108(5):88-90.
3. Christensen, G.J. Ask Dr. Christensen: Which is best: Tooth or implant? *Dental Economics*. 2017 Aug;107(8):66-67.
4. Christensen, G.J. 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, Hujuel 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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