

# **PRACTICAL CLINICAL COURSES**

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Career Development Program

**V4385**

## **New Soft-Tissue Grafting Alternatives – Time to Change!**

Lee H. Silverstein, DDS, MS, MBA &  
Gordon J. Christensen, DDS, MSD, PhD

### **Materials Included**

C.E. Instruction Sheet  
Products List  
Clinician Responsible  
Goals & Objectives  
Overview  
References  
AGD Post-Test

**Gordon J. Christensen**  
**PRACTICAL CLINICAL COURSES**

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Presented by: Lee H. Silverstein, DDS, MS, MBA & Gordon J. Christensen, DDS, MSD, PhD

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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

### **V4385 New Soft-Tissue Grafting Alternatives - Time to Change!**

#### CLINICIANS RESPONSIBLE:

**Gordon J. Christensen, DDS, MSD, PhD**

CEO, Practical Clinical Courses

CEO, CR Foundation

Practicing Prosthodontist, Provo, Utah

**Lee H. Silverstein, DDS, MS, MBA**

Chief Executive Officer, Kennestone Periodontics

Professor, Medical College of Georgia, Augusta University

Author of Textbooks for Dental Professionals

Consultant/Advisor/Lecturer, Multiple Organizations

#### GOALS & OBJECTIVES

At the completion of this video presentation, participants should be able to:

1. Discuss the need for gingival grafting.
2. Discuss the autogenous connective graft.
3. Compare autogenous connective grafting for one tooth vs. multiple teeth.
4. Draw the procedure for covering an exposed crown margin.
5. Discuss the sequence of doing an autogenous connective tissue graft and a frenectomy at the same time.
6. State the possibility for covering a class V restoration with a soft-tissue graft.
7. Discuss covering an unsightly gingival discoloration with a soft-tissue graft.
8. List the types of soft-tissue grafts.
9. Define an autogenous connective tissue graft.
10. State reasons for a soft-tissue ridge augmentation.
11. List the steps in doing a connective tissue ridge augmentation.
12. Compare ridge augmentation with dermal matrix material vs. connective tissue.
13. Define a lateral repositioned transpositional graft.
14. Draw the technique for a lateral repositioned transpositional graft on maxillary canines.
15. State the difference between the "pinhole" technique and conventional techniques.
16. Define an allograft.
17. Define an acellular dermal matrix.
18. List three types of alternative allograft materials.
19. List the two suggested suture types for non-resorbable and resorbable materials.
20. Discuss the techniques you want to incorporate into your practice.

## OVERVIEW

### **V4385 New Soft-Tissue Grafting Alternatives - Time to Change!**

This presentation is directed toward providing information for interested dentists on the major soft-tissue grafting techniques. This information should allow them to determine which of the techniques they wish to incorporate into their practices. The following and other topics are included:

- Why gingival grafting?
- Root coverage with soft-tissue grafts
- Autogenous connective tissue grafting
- Connective tissue grafting for multiple teeth
- Covering exposed crown margins in the esthetic zone
- Semilunar transpositional flap - the "Tarnow" procedure
- Biocorrosive abfractions or class V restorations present
- Covering unsightly gingival colorations
- Types of soft-tissue grafts
- Autogenous free gingival grafting
- Autogenous connective tissue grafting
- Soft-tissue ridge augmentation
- Connective tissue ridge augmentation
- Transpositional soft-tissue grafting
- Laterally repositioned transpositional grafts
- The "pinhole" technique
- Allografts
- Acellular dermal matrix
- Alternative allograft materials
- EpiFix
- Frozen tissues
- Freeze-dried skin of fascia
- Suturing

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### **V4385 New Soft-Tissue Grafting Alternatives - Time to Change!**

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12. MacBeth N, Trullenque-Eriksson A, Donos N, Mardas N. Hard and soft tissue changes following alveolar ridge preservation: a systematic review. *Clin Oral Implants Res*. 2017 Aug;28(8):982-1004. doi: 10.1111/clr.12911. Epub 2016 Jul 26.



## POST-TEST

### V4385 New Soft-Tissue Grafting Alternatives - Time to Change!

1. An autogenous connective tissue graft:
  - a. requires use of dermal matrix.
  - b. allows coverage of exposed root surfaces on one or more teeth.
  - c. does not use palatal donor tissue.
  - d. requires a periodontal pack on conclusion of the surgery.
  
2. Acellular dermal matrix material:
  - a. is bovine.
  - b. has live cells in it.
  - c. is human donor skin.
  - d. cannot be left exposed.
  
3. Covering exposed crown margins in the esthetic zone:
  - a. can be done with the semilunar transpositional flap procedure.
  - b. is commonly known as the Tarnow procedure.
  - c. requires 5mm or more of attached gingiva.
  - d. all of the above.
  
4. Acellular dermal matrix material:
  - a. cannot be left exposed.
  - b. becomes a part of the patient's mouth.
  - c. is AlloDerm.
  - d. requires a more painful technique than using the patient's palatal donor tissue.
  
5. Surgically repositioned soft tissue:
  - a. can be moved coronally.
  - b. can be moved laterally.
  - c. can be used to cover exposed root surfaces.
  - d. all of the above.
  
6. What was the type of resorbable suture material suggested in this video?
  - a. Black silk
  - b. Chromic gut
  - c. Polyglycolic acid (PGA)
  - d. Polyester
  
7. What was the type of non-resorbable suture material suggested in this video?
  - a. Chromic gut
  - b. Black silk
  - c. Polypropylene
  - d. Nylon

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

**V4385 New Soft-Tissue Grafting Alternatives - Time to Change!**

- 8. Laterally repositioned transpositional grafts:
  - a. can move soft tissue from a lateral location to cover a denuded tooth root.
  - b. usually cover the root surface completely when healed.
  - c. usually do not require separate donor tissue.
  - d. all of the above.
  
- 9. When placing a connective tissue gingival graft around a restoration that needs to be replaced, it is preferred to:
  - a. place the restoration before grafting.
  - b. do the graft before placing the restoration.
  - c. do either first.
  - d. expect the graft to attach to the restoration.
  - e. none of the above.
  
- 10. When grafting around biocorrosive abfractions:
  - a. you may cover the biocorrosive abfraction with the soft-tissue graft and expect success.
  - b. you may not cover the biocorrosive abfraction with a soft-tissue graft and expect success.
  - c. extend the graft to the most coronal portion of the biocorrosive abfraction.
  - d. none of the above.

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