

PRACTICAL CLINICAL COURSES

A Service of the Gordon J. Christensen
Career Development Program

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

Karl R. Koerner, DDS, MS
Gordon J. Christensen, DDS, MSD, PhD

Materials Included

C.E. Instruction Sheet
Products List
Oral Surgery Kit from Hu-Friedy
Clinician Responsible
Goals & Objectives
Overview
References
AGD Post-Test

Gordon J. Christensen
PRACTICAL CLINICAL COURSES

PROCEDURE FOR RECEIVING
ACADEMY OF GENERAL DENTISTRY
AND STATE CREDIT
FOR CE VIDEOS

1. Complete the enclosed Post-Test. For each **CE Video Purchased**, one test is included. If additional tests are needed, the following fees will apply: \$25 per test per dentist (limit 1 additional dentist per video purchased); \$10 per test per auxiliary (dental assistants, hygienists, lab technicians - no limit on auxiliary tests). Fees can be paid either by check or credit card when tests are submitted to Practical Clinical Courses.
2. Complete the demographic information located at the end of the test.
Type of Credit:
 - a. If the applicant selects "AGD," PCC will send notification to both the applicant and the Academy of General Dentistry. (The AGD will also notify applicant of credits earned by printout information.)
 - b. If the applicant selects "State," PCC will send a certificate of verification to the applicant. The applicant must then submit this certificate to his/her state board to obtain credit.
 - c. If the applicant selects "Both," PCC will complete a. & b. above.
3. Return the **Post-Test portion** via mail, fax, or email. Our contact information is as follows:

Practical Clinical Courses
3707 N Canyon Road
Suite 3D
Provo, UT 84604
Fax: (801) 226-8637
info@pccdental.com

4. Practical Clinical Courses will correct the Post-Test. **Passing scores are 70% or higher.**

Gordon J. Christensen
PRACTICAL CLINICAL COURSES

Sources of Products Discussed in

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

Presented by: Karl R. Koerner, DDS, MS & Gordon J. Christensen, DDS, MSD, PhD

1. **Adson-Brown Tissue Pliers (#43)**
Hu-Friedy Mfg. Co., LLC
3232 North Rockwell Street
Chicago, IL 60618-5935
(800)483-7433
(773)975-6100
www.hu-friedy.com
2. **Astringedent**
Ultradent Products, Inc.
505 West 10200 South
South Jordan, UT 84095
(888)230-1420
(801)572-4200
www.ultradent.com
3. **Bone Files**
Salvin Dental Specialties, Inc.
3450 Latrobe Drive
Charlotte, NC 28211
(800)535-6566
(704)442-5400
www.salvin.com
4. **Bone Wax by Ethicon**
Patterson Dental
1031 Mendota Heights Road
St. Paul, MN 55120
(800)328-5536
(651)686-1600
www.pattersondental.com
5. **Carbide Bur (HP 055)**
Various Companies
6. **Carbocaine**
Various Companies
7. **Cawson's Essentials of Oral Pathology & Oral Medicine, 8th Edition by Roderick A. Cawson**
Elsevier Inc.
3251 Riverport Lane
Maryland Heights, MO 63043
(800)325-4177
(314)447-8000
www.elsevierhealth.com
8. **Contemporary Oral and Maxillofacial Pathology, 2nd Edition by J. Philip Sapp**
Elsevier Inc.
3251 Riverport Lane
Maryland Heights, MO 63043
(800)325-4177
(314)447-8000
www.elsevierhealth.com
9. **Dr. Karl Koerner's Oral Surgery Kit from Hu-Friedy**
(See page 5 of the AGD packet or the pdf files on the DVD.)
10. **EndoSequence**
Brasseler USA Dental
One Brasseler Blvd.
Savannah, GA 31419
(800)841-4522
(912)925-8525
www.brasselerusadental.com
11. **Enova Headlight**
Enova Illumination
1717 Broadway Street NE
Minneapolis, MN 55413
(651)236-8857
www.goenova.com
12. **Hemodent**
Premier Dental Products
1710 Romano Drive
Plymouth Meeting, PA 19462
(888)670-6100
(610)239-6000
www.premusa.com
13. **Lidocaine**
Various Companies
14. **Manual of Minor Oral Surgery for the General Dentist by Karl R. Koerner**
Wiley Online Library
111 River Street
Hoboken, NJ 07030
(866)465-3817
www.onlinelibrary.wiley.com
15. **Mepivacaine**
Various Companies
16. **Micro Mirrors**
Hu-Friedy Mfg. Co., LLC
3232 North Rockwell Street
Chicago, IL 60618-5935
(800)483-7433
(773)975-6100
www.hu-friedy.com
17. **MTA Flow**
Ultradent Products, Inc.
505 West 10200 South
South Jordan, UT 84095
(888)230-1420
(801)572-4200
www.ultradent.com
18. **NeoMTA Plus**
Avalon Biomed
3315 West 12th Street
Houston, TX 77008
(844)682-7587
(941)896-9948
www.avalonbiomed.com
19. **Oral and Maxillofacial Pathology, 4th Edition by Brad W. Neville**
Elsevier Inc.
3251 Riverport Lane
Maryland Heights, MO 63043
(800)325-4177
(314)447-8000
www.elsevierhealth.com

20. **OralpathDx Oral Pathology
Differential Development Software**
Professional Resource Systems, LLC
23111 Ventura Blvd., Suite 102
Woodland Hills, CA 91364
(877)223-0344
www.oralpathdx.com
21. **Periosteal Elevator**
Salvin Dental Specialties, Inc.
3450 Latrobe Drive
Charlotte, NC 28211
(800)535-6566
(704)442-5400
www.salvin.com
22. **Piezo**
NSK America Corp.
1800 Global Parkway
Hoffman Estates, IL 60192
(888)675-1675
www.nskdental.com
23. **Rongeurs**
Salvin Dental Specialties, Inc.
3450 Latrobe Drive
Charlotte, NC 28211
(800)535-6566
(704)442-5400
www.salvin.com
24. **Septocaine**
Septodont
205 Granite Run Drive
Suite 150
Lancaster, PA 17601
(800)872-8305
(717)286-0100
www.septodontusa.com
25. **Stropko Irrigator by
DCI International**
John J. Stropko, DDS
14770 N. Brenda Road
Prescott, AZ 86305
(888)848-6919
www.stropko.com
26. **Surgical & Periodontal Curettes**
Hu-Friedy Mfg. Co., LLC
3232 North Rockwell Street
Chicago, IL 60618-5935
(800)483-7433
(773)975-6100
www.hu-friedy.com
27. **Sutures**
Various Companies
28. **The Ultimate Cheat Sheets –
The Practical Guide for Dentists
2018 Edition by Leslie Fang**
DOCS Education
106 Lenora Street
Seattle, WA 98121
(855)227-6505
www.docseducation.com

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
Toll Free (800) 223-6569 or Utah Residents (801) 226-6569**

The techniques and procedures on this videotape are intended to be suggestions only. Any licensed practitioner viewing this presentation must make his or her own professional decisions about specific treatment for patients. PCC is not responsible for any damages or other liabilities (including attorney's fees) resulting, or claimed to result in whole or in part, from actual or alleged problems arising out of the use of this presentation.

Dr. Karl Koerner



Oral Surgery Kit

Part Code	Description	Quantity
IMOS0	Oral Surgery Cassette, Red	_____
10-130-03	#3 Scalpel Handle	_____
P23	23 Seldin Periosteal	_____
P9X	9 Molt Periosteal, Black Line	_____
NH5042	Mayo-Hegar Perma Sharp Needle Holder 16cm/6.25"	_____
FAF151	Apical Forceps 151	_____
FAF150	Apical Forceps 150	_____
E301	301 Apexo Elevator	_____
S1	1 Curved Kelly Scissors 16cm/6.25"	_____
EHB2	2 Heidbrink Root Tip Pick	_____
EHB3	3 Heidbrink Root Tip Pick	_____
CL86X	86 Lucas Surgical Curette, Black Line	_____
EBSM	B Cogswell Elevator, Small Handle	_____
E21	Mini Cryer Elevator, Left	_____
E22	Mini Cryer Elevator, Right	_____
EL3SX	3mm Straight Luxating Elevator, Black Line	_____
BF2X	2X Miller-Colburn Bone File	_____
RBL	30 Deg. Standard Blumenthal Rongeur	_____
EPTSSP	Luxating Hybrid - Straight Spade	_____
TP43	#43 Adson-Brown Tissue Pliers	_____
CRM	Minnesota Retractor	_____
H2	Kelly Curved Hemostat	_____
10-256-15	(Bx of 100) #15C Sterile Blade	_____
PSN683S	4-0 Black Silk 18", C-6 Needle 3/8 Circle Rev. Cut	_____

Check One: Quote Order

Name _____

Address _____

City _____ State _____ Zip Code _____

Phone _____

Preferred Dealer _____

Dealer Rep Name _____

Contact 1.800.Hu-Friedy or fax order to 1.800.729.1299 for more information.

PROGRAM

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

CLINICIANS RESPONSIBLE:

Karl R. Koerner, DDS, MS
General Practitioner, Logan, Utah

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. Identify your comfort zone with oral surgery.
2. Look at the topics of this presentation and identify those that appear to be in your comfort zone.
3. Discuss the need for frenectomy correction.
4. Compare the use of steel blade, electrosurgery, and laser for frenectomy.
5. Discuss the suturing technique and materials after the frenectomy.
6. Discuss why some exostoses need to be removed.
7. Discuss the type of soft-tissue flap for removal of an exostosis.
8. Identify the level of incision and drainage that is in the scope of general dentistry.
9. List and discuss various materials that can be placed in the incision to keep it open for drainage.
10. Differentiate between an incisional and an excisional biopsy.
11. Discuss the advantages for general dentists doing the surgical biopsy rather than referring the patient.
12. Describe how to get the biopsy evaluated by an oral and maxillofacial pathologist.
13. Discuss how to tell the patient about a suspicious lesion and the apparent need to biopsy.
14. Discuss when to do an apicoectomy.
15. Discuss the steps in doing an apicoectomy.
16. List three potential materials for the retrograde filling on the apical end of the tooth.
17. Discuss the incision necessary for an apicoectomy.
18. Define a root resection.
19. Discuss when there is a need to graft the socket when doing a root resection.
20. Discuss how much of the root end of the tooth to remove when doing an apicoectomy.

OVERVIEW

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

Many oral surgical procedures that could easily be accomplished by general practitioners are not being done. There are a few reasons for this situation. The procedures are not taught in dental school. Dentists have not taken continuing education courses on the topics. Practitioners are comfortable with the techniques they are doing and don't wish to change. However, incorporating the surgical procedures included in this video into your practice will benefit your patients, provide variety for your practice, and enhance your revenue. The following and other topics are included in the presentation:

- Identifying your comfort zone for oral surgery procedures
- Frenectomies
- Exostoses removal
- Incision and drainage
- Excisional biopsies
- Incisional biopsies
- Apicoectomy
- Root resection, hemisection
- The instruments and supplies necessary for these techniques

This presentation provides adequate information for viewers to begin using the techniques described.

REFERENCES

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

1. Monteiro JB, Dal Piva AMO, Tribst JPM, Borges ALS, Tango RN. The Effect of Resection Angle on Stress Distribution after Root-End Surgery. *Iran Endod J.* 2018 Spring;13(2):188-94. doi: 10.22037/iej.v13i2.19089.
2. Dik EA, Ipenburg NA, Kessler PA, van Es RJJ, Willems SM. The value of histological grading of biopsy and resection specimens in early stage oral squamous cell carcinomas. *J Craniomaxillofac Surg.* 2018 Apr 5. pii: S1010-5182(18)30095-7. doi: 10.1016/j.jcms.2018.03.019. [Epub ahead of print]
3. López J, Gómez G, Rodriguez K, Dávila J, Nuñez J, Anaya L. Comparative Study of Drainage and Antibiotics versus Drainage Only in the Management of Primary Subcutaneous Abscesses. *Surg Infect (Larchmt).* 2018 Apr;19(3):345-51. doi: 10.1089/sur.2017.225. Epub 2018 Mar 13.
4. Wheeler B, Carrico CK, Shroff B, Brickhouse T, Laskin DM. Management of the Maxillary Diastema by Various Dental Specialties. *J Oral Maxillofac Surg.* 2018 Apr;76(4):709-15. doi: 10.1016/j.joms.2017.11.024. Epub 2017 Nov 22.
5. Liu S, You Z, Ma C, Wang Y, Zhao H. Effectiveness of Drainage in Mandibular Third Molar Surgery: A Systematic Review and Meta-Analysis. *J Oral Maxillofac Surg.* 2018 Mar 15. pii: S0278-2391(18)30214-3. doi: 10.1016/j.joms.2018.03.004. [Epub ahead of print]
6. Olivi M, Genovese MD, Olivi G. Laser labial frenectomy: a simplified and predictable technique. Retrospective clinical study. *Eur J Paediatr Dent.* 2018 Mar;19(1):56-60. doi: 10.23804/ejpd.2018.19.01.10.
7. Uraz A, Cetiner FD, Cula S, Guler B, Oztoprak S. Patient perceptions and clinical efficacy of labial frenectomies using diode laser versus conventional techniques. *J Stomatol Oral Maxillofac Surg.* 2018 Feb 23. pii: S2468-7855(18)30032-6. doi: 10.1016/j.jormas.2018.01.004. [Epub ahead of print]
8. Kadkhodazadeh M, Amid R, Kermani ME, Hosseinpour S. A modified frenectomy technique: a new surgical approach. *Gen Dent.* 2018 Jan-Feb;66(1):34-8.
9. Wahab PUA, Madhulaxmi M, Senthilnathan P, Muthusekhar MR, Vohra Y, Abhinav RP. Scalpel Versus Diathermy in Wound Healing After Mucosal Incisions: A Split-Mouth Study. *J Oral Maxillofac Surg.* 2018 Jan 4. pii: S0278-2391(17)31546-X. doi: 10.1016/j.joms.2017.12.020. [Epub ahead of print]
10. Kumar Singh A, Sulugodu Ramachandra S, Arora S, Dicksit DD, Kalyan CG, Singh P. Prevalence of oral tori and exostosis in Malaysian population – A cross-sectional study. *J Oral Biol Craniofac Res.* 2017 Sep-Dec;7(3):158-60. doi: 10.1016/j.jobcr.2017.08.008. Epub 2017 Sep 8.
11. Mohammadi Z, Jafarzadeh H, Shalavi S, Kinoshita JI, Giardino L. Lasers in Apicoectomy: A Brief Review. *J Contemp Dent Pract.* 2017 Feb 1;18(2):170-3.
12. Hirsch V, Kohli MR, Kim S. Apicoectomy of maxillary anterior teeth through a piezoelectric bony-window osteotomy: two case reports introducing a new technique to preserve cortical bone. *Restor Dent Endod.* 2016 Nov;41(4):310-5. Epub 2016 Jul 5.

POST-TEST

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

1. Oral incision and drainage:
 - a. should always be done by the general dentist.
 - b. should have a rubber dam or other drain.
 - c. should always be covered by antibiotics.
 - d. is not a potentially dangerous procedure.

2. A frenectomy is best accomplished with:
 - a. a scalpel and blade.
 - b. electrosurgery.
 - c. a laser.
 - d. any of the above, depending on the situation.

3. An aggressive, tight frenum can:
 - a. distort the smile.
 - b. create diastemas.
 - c. distort occlusion.
 - d. all of the above.

4. Removal of an exostosis:
 - a. cannot cause an air emphysema.
 - b. should be done with a surgical handpiece.
 - c. is a difficult procedure.
 - d. requires an air stream to cool the bone while cutting.

5. A mandibular torus mandibularis should be removed if:
 - a. it influences speech.
 - b. it impedes adequate seating of a removable prosthesis.
 - c. it becomes irritated by coarse foods.
 - d. all of the above.

6. Excisional oral biopsies:
 - a. require the use of a laser.
 - b. are best done with a blade.
 - c. do not always require sending the specimen to an oral pathologist.
 - d. should be analyzed microscopically in your office.

7. An apicoectomy usually requires removal of at least ____ of the root.
 - a. 1 mm
 - b. 2 mm
 - c. 3 mm
 - d. 4 mm

POST-TEST (CONT'D)

V4189 Apicoectomies, Frenectomies, Biopsies, Hemisections, and More!

8. An apicoectomy:
 - a. always requires bone grafting.
 - b. usually requires an envelope flap.
 - c. usually has a facial-lingual amputation that is inclined toward the facial.
 - d. has a flat amputation perpendicular to the root.

9. A tooth with a root resection:
 - a. should usually be connected to an adjacent tooth.
 - b. can be an FPD abutment.
 - c. usually requires bone grafting.
 - d. is only suggested for mandibular molars.

10. When considering incorporating additional surgical procedures into your practice:
 - a. educate your staff on the procedure.
 - b. take sufficient CE to understand the procedure.
 - c. start with simple cases.
 - d. all of the above.

PLEASE PRINT

Name _____

Name of video purchaser (if different from above) _____

Address _____

City/State/Zip _____

Phone No. _____

Indicate which type of credit you wish to obtain AGD State Both

AGD No. _____

State License No. _____