

# **PRACTICAL CLINICAL COURSES**

A Service of the Gordon J. Christensen  
Career Development Program

**V3968**

## **Drugs, Bugs, and Dental Products: What to “Prescribe!”**

Peter L. Jacobsen, PhD, DDS &  
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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Gordon J. Christensen  
**PRACTICAL CLINICAL COURSES**

*Sources of Products Discussed in*

**V3968 Drugs, Bugs, and Dental Products: What to “Prescribe!”**

Presented by: Peter L. Jacobsen, PhD, DDS & Gordon J. Christensen, DDS, MSD, PhD

1. **Abreva**  
GlaxoSmithKline  
5 Crescent Drive  
Philadelphia, PA 19112  
(888)825-5249  
[www.gsk.com](http://www.gsk.com)
2. **Arestin**  
OraPharma, Inc.  
732 Louis Drive  
Warminster, PA 18974  
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(215)956-2200  
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3. **Atridox**  
DenMat Holdings, LLC  
1017 West Central Avenue  
P.O. Box 1729  
Lompoc, CA 93438-1729  
(800)433-6628  
(805)346-3700  
[www.denmat.com](http://www.denmat.com)
4. **Biotene**  
GlaxoSmithKline  
5 Crescent Drive  
Philadelphia, PA 19112  
(888)825-5249  
[www.gsk.com](http://www.gsk.com)
5. **Canker Cover**  
Quantum, Inc.  
P.O. Box 2791  
Eugene, OR 97402  
(800)448-1448  
(541)345-5556  
[www.quantumhealth.com](http://www.quantumhealth.com)
6. **Cervitec Plus**  
Ivoclar Vivadent Inc.  
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Amherst, NY 14228  
(800)533-6825  
(716)691-0010  
[www.ivoclarvivadent.us.com](http://www.ivoclarvivadent.us.com)
7. **Combunox  
(oxycodone HCl and  
ibuprofen)**  
Pharmacy of Your Choice
8. **Debacterol**  
Epien Medical, Inc.  
4225 White Bear Pkwy  
Suite 600  
St. Paul, MN 55110-3389  
(888)884-4675  
(651)653-3380  
[www.debacterol.com](http://www.debacterol.com)
9. **Denavir  
(penciclovir cream)**  
Pharmacy of Your Choice
10. **Gyne-Lotrimin 3**  
Merck & Co., Inc.  
One Merck Drive  
P.O. Box 100  
Whitehouse Station, NJ 08889  
(800)637-2579  
(908)423-1000  
[www.merck.com](http://www.merck.com)
11. **Kank-A**  
Blistex Inc.  
1800 Swift Drive  
Oak Brook, IL 60523-1574  
(800)837-1800  
[www.kank-a.com](http://www.kank-a.com)
12. **Lip Clear Lysine<sup>+</sup>**  
Quantum, Inc.  
P.O. Box 2791  
Eugene, OR 97402  
(800)448-1448  
(541)345-5556  
[www.quantumhealth.com](http://www.quantumhealth.com)
13. **Little Dental Drug Booklet**  
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Hudson, OH 44236  
(800)837-5394  
(330)650-6506  
[www.lexi.com](http://www.lexi.com)
14. **Melissa Extract**  
Local Health Food Store
15. **Onset Mixing Pen**  
Onpharma  
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Suite 100  
Los Gatos, CA 95030  
(877)336-6738  
(408)335-6850  
[www.onpharma.com](http://www.onpharma.com)
16. **Orabase**  
Colgate Oral Pharmaceuticals  
300 Park Avenue  
New York, NY 10022  
(800)226-5428  
(212)310-2000  
[www.colgateprofessional.com](http://www.colgateprofessional.com)
17. **Orajel**  
Church & Dwight Co., Inc.  
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(800)524-1328  
(609)683-5900  
[www.orajel.com](http://www.orajel.com)

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205 Granite Run Drive  
Suite 150  
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(800)872-8305  
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[www.septodontusa.com](http://www.septodontusa.com)
19. **PerioChip**  
Dexcel Pharma Technologies  
14-25 Plaza Road  
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Fair Lawn, NJ 07410  
(888)737-4624  
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[www.periochip.com](http://www.periochip.com)
20. **Periostat**  
**(doxycycline hyclate)**  
Pharmacy of Your Choice
21. **Septocaine**  
Septodont  
205 Granite Run Drive  
Suite 150  
Lancaster, PA 17601  
(800)872-8305  
(717)286-0100  
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Local Store
23. **Valtrex**  
**(valacyclovir)**  
Pharmacy of Your Choice
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Suite 300  
Cottonwood Hts, UT 84047  
(877)825-7153  
(801)453-9614  
[www.viroxyn.com](http://www.viroxyn.com)
25. **Xerese**  
Valeant Pharmaceuticals  
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Bridgewater, NJ 08807  
(866)246-8245  
(908)927-1400  
[www.xerese.com](http://www.xerese.com)
26. **Zilactin**  
Blairex Laboratories, Inc.  
1600 Brian Drive  
P.O. Box 2127  
Columbus, IN 47202-2127  
(800)252-4739  
[www.blairex.com](http://www.blairex.com)
27. **Zovirax**  
GlaxoSmithKline  
5 Crescent Drive  
Philadelphia, PA 19112  
(888)825-5249  
[www.gsk.com](http://www.gsk.com)

***Product names, the products themselves, and company names change rapidly. Please contact the companies shown to confirm current information.***

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## PROGRAM

### **V3968 Drugs, Bugs, and Dental Products: What to “Prescribe!”**

#### CLINICIANS RESPONSIBLE:

**Gordon J. Christensen, DDS, MSD, PhD**  
CEO, Practical Clinical Courses  
CEO, CR Foundation  
Practicing Prosthodontist, Provo, Utah

**Peter L. Jacobsen, PhD, DDS**  
Author, *Little Dental Drug Booklet*  
PhD, Comparative Pharmacology and Toxicology  
Directed the Oral Medicine Clinic, University of the Pacific School of Dentistry  
Diplomate, American Board of Oral Medicine  
Past Chairperson, Council on Dental Therapeutics of the ADA

#### GOALS & OBJECTIVES

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

1. List reasons why deciding what to prescribe can be a confusing topic.
2. List the names of the most popular antibiotics used in dentistry.
3. Name the antibiotic to use for those patients allergic to penicillin.
4. Define a loading dose.
5. State the main potential reasons for progression of an infection even though an antibiotic has been used.
6. List the possible alternative adjunctive procedures to be used for resistant infections.
7. List the steps in management of infections.
8. Identify the main approach to resistant infections.
9. Define the characteristics present in periodontal disease.
10. List and discuss two major ways to manage periodontal disease.
11. Name some local antibiotic products for treatment of periodontal disease.
12. Discuss the effectiveness of local antibiotic treatment for periodontal disease.
13. Compare the effectiveness of scaling and root planing with local antibiotics.
14. Name the systemic antibiotic most commonly used for periodontal disease.
15. List commonly occurring conditions where prophylactic use of antibiotics is considered.
16. Discuss the suggested regimen for dealing with the controversy over whether or not a prophylactic antibiotic should be used for various conditions.
17. List accepted methods to manage dental caries.
18. Differentiate between viral and fungal infections.
19. List potential treatments for viral diseases.
20. List potential treatments for fungal conditions.

## OVERVIEW

### **V3968 Drugs, Bugs, and Dental Products: What to “Prescribe!”**

This presentation includes diagnosis and potential treatments for bacterial infections, including the appropriate antibiotics, and prophylactic antibiotic use; prevention and treatment for dental caries; diagnosis and treatment of viral diseases; diagnosis and treatment of fungal diseases; and a discussion of pain control.

The following topics are included in the presentation:

- Making informed decisions about pharmacology in dental practice
- Bacterial infections
- Antibiotics
- Periodontal disease
- Local drug delivery
- Systemic drug delivery
- Prophylactic antibiotic use
- Prophylaxis for prosthetic joints
- Dental caries
- Viral conditions
- Herpes
- Antiviral drugs
- Over-the-counter drugs
- Fungal conditions
- Antifungal drugs, local and systemic
- Pain control

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## POST-TEST

### V3968 Drugs, Bugs, and Dental Products: What to "Prescribe!"

1. The most recommended first choice antibiotic in dentistry is:
  - a. penicillin VK.
  - b. metronidazole.
  - c. amoxicillin.
  - d. clindamycin.
  
2. If a patient has a penicillin allergy, what is the next best antibiotic of choice?
  - a. amoxicillin
  - b. azithromycin
  - c. erythromycin
  - d. clindamycin
  
3. The definition of periodontal disease is:
  - a. clinical attachment loss of 4 mm or more and periodontal probing depth of 4 mm or more.
  - b. clinical attachment loss of 2 mm or more and periodontal probing depth of 4 mm or more.
  - c. clinical attachment loss of 6 mm and periodontal probing depth of 6 mm or more.
  - d. none of the above.
  
4. Currently, the most popular local antibiotic for periodontal disease is:
  - a. Atridox.
  - b. Periostat.
  - c. PerioChip.
  - d. Arestin.
  
5. Which is the most effective for long-term periodontal management?
  - a. PerioChip
  - b. scaling and root planing
  - c. Periostat
  - d. sodium bicarbonate
  
6. A recommended preventive course of action for dental treatment of patients with prosthetic joints is:
  - a. never provide antibiotic coverage for prosthetic joint patients.
  - b. have the practitioner who placed the joints prepare the patient for the dental treatment.
  - c. provide antibiotic coverage for all prosthetic joint patients.
  - d. provide just amoxicillin for such patients.
  
7. Which is the correct statement?
  - a. Herpes infections are on the inside of the mouth.
  - b. Fungal infections are on the inside of the mouth.
  - c. Fungal infections are on the lips.
  - d. None of the above.

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

**V3968 Drugs, Bugs, and Dental Products: What to "Prescribe!"**

8. The preferred treatment for a primary oral herpes simplex attack is:
  - a. penciclovir.
  - b. famciclovir.
  - c. acyclovir.
  - d. topical amoxicillin.
  
9. A combination of over-the-counter drugs that provides pain control often equivalent to some narcotics is:
  - a. aspirin and ibuprofen.
  - b. acetaminophen and codeine.
  - c. acetaminophen and zinc.
  - d. acetaminophen and ibuprofen.
  
10. Which drug below, as used in dentistry, is not associated with drug-drug interactions?
  - a. lidocaine
  - b. metronidazole
  - c. ketoconazole
  - d. erythromycin

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