

PRACTICAL CLINICAL COURSES

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Career Development Program

V2452

Infection Control for Every Dental Practice

Gordon J. Christensen, DDS, MSD, PhD

Materials Included

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Sources of Products Discussed in

V2452 Infection Control for Every Dental Practice

Presented by: Gordon J. Christensen, DDS, MSD, PhD

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(651)575-5144
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2. **Avagard Foam**
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www.micrylium.com
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Local Dealers
7. **Cidexplus**
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8. **Critical Cover PFL Masks**
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www.alphaprotech.com
9. **Dazzle ps**
Whip Mix Corporation
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P.O. Box 17183
Louisville, KY 40217
(800)626-5651
(502)637-1451
www.whipmix.com
10. **Disposable O/R Gown**
Salvin Dental Specialties
3450 Latrobe Drive
Charlotte, NC 28211
(800)535-6566
(704)442-5400
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11. **Elastex Nitrile Gloves**
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(678)250-7900
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16. **HYDRIM**
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Canonsburg, PA 15317
(800)572-1211
(724)820-1600
www.scican.com
17. **Indermil**
Covidien
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Mansfield, MA 02048
(800)722-8772
www.indermil.de
18. **Kimwipes**
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www.kcprofessional.com
19. **Landau Clinical Gown #7551**
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20. **LeSoothe Latex-Free Exam Gloves**
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26. **Lysol Brand III I.C. Disinfectant Spray**
Reckitt Benckiser Professional
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(800)333-3899
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27. **M11 UltraClave Automatic Sterilizer**
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28. **M250 Soniclean Ultrasonic Cleaner**
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(732)345-5400
www.ansellhealthcare.com
30. **Monarch Products**
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www.ad-surgical.com
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www.3mespe.com
35. **Plak Smacker Vinyl Gloves**
Plak Smacker
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Corona, CA 92879
(800)558-6684
(951)898-7600
www.plaksmacker.com
36. **QUATTROcare**
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37. **Rollens**
Rollens Professional Products
16610 Amberstone Way
Parker, CO 80134
(800)898-7474
(303)840-2238
www.rollens.com
38. **STATIM 5000**
SciCan Inc.
701 Technology Drive
Canonsburg, PA 15317
(800)572-1211
(724)820-1600
www.scican.com

39. **Surgical Handpiece**
Many Distributors
40. **TOUCH LESS Liquid Soap Dispenser**
Sultan Healthcare
411 Hackensack Avenue
9th Floor
Hackensack, NJ 07601
(800)637-8582
(201)871-1232
www.sultanhealthcare.com
41. **Triple Layer Molded Face Masks**
3M ESPE Dental Products
3M Center
Bldg. 275-2SE-03
St. Paul, MN 55144
(800)634-2249
(651)575-5144
www.3mespe.com
42. **Vistaclear**
Vista Research Group
P.O. Box 321
Ashland, OH 44805
(419)281-3927
www.vistaresearchgroup.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

V2452 Infection Control for Every Dental Practice

CLINICIAN RESPONSIBLE:

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CEO, Practical Clinical Courses
CEO, CR Foundation
Practicing Prosthodontist, Provo, Utah

GOALS & OBJECTIVES

On completion of this video, viewers should be able to:

1. Describe the state of infection control in dentistry.
2. Describe how to integrate CDC infection control requirements to a typical real-world practice.
3. List the vaccinations CDC has requested for dental health care workers.
4. Describe adequate clinical attire for dentists.
5. Describe adequate eye protection.
6. Discuss if dentists should treat obviously sick patients.
7. Discuss if dentists and staff should treat patients when they themselves are sick.
8. Describe cleaning an operatory after treating a patient.
9. Describe adequate disinfection for office countertops.
10. Discuss what to do with in-office waterlines to prevent contamination.
11. Describe the several methods for acceptable hand hygiene.
12. List how you can easily place a "dressing" on a minor cut.
13. Describe what to do with needle sticks.
14. List the four types of glove materials and their characteristics.
15. Describe how to overcome latex allergies related to gloves.
16. Describe the two major types of face masks and how to apply them.
17. Describe how to clean, disinfect, and/or sterilize instruments.
18. Describe how to use prosthodontic polishing lathes with minimal cross-contamination possibilities.
19. Differentiate between disinfection and sterilization.
20. Discuss techniques to make idealistic infection control suggestions most applicable to a real-world dental practice.

OVERVIEW

V2452 Infection Control for Every Dental Practice

Some aspects of infection control have had difficulty being accepted by typical practicing dentists. Although many idealistic recommendations have been made by federal and independent groups, dentists have had difficulty easily adapting to some of these suggestions.

This video has been made to candidly look at Centers for Disease Control recommendations, adapt them to typical practice needs and desires, and make suggestions about how to practice adequate infection control, and meet the CDC standards, without spending so much time that it distracts from practice productivity.

The following and other topics are included:

- State of infection control in U.S. practices
- Importance of infection control
- Adapting infection control to real-world practice
- Personal disease prevention concepts
- Personal cleanliness
- Working when sick
- Treating sick patients
- Protective clothing
- Eye protection
- Condition of operatory at beginning of treatment
- Environmental surfaces
- Dental unit waterlines
- Vacuum systems
- Ensuring patient of infection control procedures
- Infection control during a procedure
- Reducing patient contamination
- Cleaning operatories after a procedure
- Handling contaminated instruments
- Cleaning instruments
- Preparation and packaging instruments

OVERVIEW (CONT'D)

V2452 Infection Control for Every Dental Practice

- CDC definitions of need for instrument disinfection and sterilization
- Instrument disinfection
- Instrument sterilization
- Instrument storage
- Handpiece sterilization
- Laboratory infection control
- Staff continuing education
- Cost of infection control

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12. Garland KV. A survey of United States dental hygienists' knowledge, attitudes, and practices with infection control guidelines. J Dent Hyg. 2013 Jun;87(3):140-51.
13. Ahmad IA, Rehan EA, Pani SC. Compliance of Saudi dental students with infection control guidelines. Int Dent J. 2013 Aug;63(4):196-201. doi: 10.1111/idj.12030. Epub 2013 Apr 15.
14. Kohn WG, Collins AS, Cleveland JL, Harte JA, Eklund KJ, Malvitz DM. Guidelines for Infection Control in Dental Health-Care Settings --- 2003. Retrieved from <http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5217a1.htm>. MMWR. December 19, 2003;52(RR17):1-61. *Plus updates.*
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POST TEST

V2452 Infection Control for Every Dental Practice

1. The Centers for Disease Control has made the following suggestions relative to vaccinations for dental health care workers:
 - a. vaccinations are not needed for dental health care workers.
 - b. only flu and hepatitis B vaccinations are needed once per year.
 - c. hepatitis B, flu, MMR (measles, mumps, and rubella), Tdap (tetanus, diphtheria, pertussis) are needed.
 - d. only hepatitis B, MMR (measles, mumps, and rubella), Tdap (tetanus, diphtheria, pertussis) are needed.

2. Which is NOT a CDC recommendation?
 - a. Needles for local anesthetic should be used only once.
 - b. "Scrubs" are the recommended clinical attire.
 - c. Rag wheels for denture polishing should be sterilized.
 - d. Long sleeves are recommended on clinical gowns.

3. Vacuum systems should be cleaned:
 - a. monthly.
 - b. weekly.
 - c. daily.
 - d. as needed.

4. The most commonly used source of water in dental offices is:
 - a. chemical treatment.
 - b. independent reservoirs.
 - c. filtration.
 - d. combinations of above.
 - e. sterile water delivery systems.

5. Which is NOT recommended?
 - a. Purge each handpiece before starting practice.
 - b. Change gloves for each patient.
 - c. Spray disinfectants onto countertops.
 - d. Place barriers on all surfaces likely to be contaminated with blood.

6. Which is correct?
 - a. Change gloves after each anesthetic injection.
 - b. You do not need to wash hands after removing gloves.
 - c. Wash hands after removing gloves.
 - d. A small perforation in a glove does not require new gloves.

7. Latex allergies are present in about ___% of the general public.
 - a. 3
 - b. 6
 - c. 1
 - d. 10

POST TEST (CONT'D)

V2452 Infection Control for Every Dental Practice

8. Laboratory pumice polishing lathe pans:
 - a. should receive a replenishment of fresh pumice after each polishing task.
 - b. should receive new pumice or other abrasive after each use.
 - c. do not require an aluminum foil barrier in the bottom of the pan.
 - d. are not a major potential infection control problem.

9. When cleaning contaminated instruments:
 - a. place new examination gloves on before starting.
 - b. wear gowns covering your arms.
 - c. ultrasonic cleaning should always be used.
 - d. you do not need to wear a face mask.

10. The cost of infection control per patient was indicated to be about:
 - a. \$5.
 - b. \$10.
 - c. \$15.
 - d. \$20.

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