Resources for Infection Control in Dental Health-Care Settings

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Centers for Disease Control and Prevention (CDC) Infection Control Resources

CDC Division of Oral Health
http://www.cdc.gov/OralHealth/infection_control/index.htm
Centers for Disease Control and Prevention (CDC). This is the CDC's Oral Health Resources site for infection control in dentistry.

- Guidelines and Recommendations. CDC (2003), 1 page. This document contains a review of the scientific evidence regarding dental infection control issues as well as consensus, evidence-based recommendations.

Guidelines for Infection Control in Dental Health-Care Settings, 2003.
http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5217a1.htm
http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5217a1.htm
The Centers for Disease Control and Prevention (CDC) guideline document consolidates previous recommendations and adds new ones for infection control in dental health-care settings. Dental Infection Control (CDC)

- Frequently Asked Questions in Infection Control. CDC (2002), 2 pages. This pages provides answers to common questions about infection control.

- Safer Dental Devices Screening and Evaluation Forms. CDC (2002, August 19), 3 pages. These pages provide two sample forms (with instructions for use) to assist dental personnel in screening and evaluating devices for clinical acceptability.

Safer Dental Devices Screening and Evaluation Forms.
http://www.cdc.gov/OralHealth/infection_control/forms.htm
This is a collection of forms made available for general use to help increase the safety of both dental personnel and their patients. Forms are available in PDF and HTML formats.
• CDC Educational Materials  
  o Now available—Slide presentation on infection control for dental offices. Slide Presentation on Infection Control for Dental Offices. This slide set and accompanying speaker notes provide an overview of many of the basic principles of infection control that are contained in the CDC Guidelines for Infection Control in Dental Health-Care Settings—2003. It can be downloaded as a PowerPoint presentation or viewed on the Web site.
  o If Saliva Were Red: A Visual Lesson on Infection Control The video training system, "If Saliva Were Red*" features an 8-minute video (VHS, CD-ROM) that uses dental professionals to highlight common infection control and safety flaws; the cross contamination dental workers would see if saliva were red; and how controlling contamination by using personal barrier protection, safe work practices, and effective infection control products reduces the risk of exposure.
  o The Organization for Safety & Asepsis Procedures (OSAP) has produced From Policy to Practice: OSAP's Guide to the Guidelines*. This new 170-page workbook contains practical information to assist health care professionals to put the new recommendations into practice. These resources were produced by OSAP through a CDC cooperative agreement.

Key CDC Guideline Documents:

Guidelines for Infection Control in Dental Health-Care Settings, 2003. 
http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5217a1.htm
The Centers for Disease Control and Prevention (CDC) guideline document consolidates previous recommendations and adds new ones for infection control in dental health-care settings. Dental Infection Control (CDC)

Immunization of Health-Care Workers: Recommendations of the Advisory Committee on Immunization Practices (ACIP) and the Hospital Infection Control Practices Advisory Committee (HICPAC).  
http://www.cdc.gov/epo/mmwr/preview/mmwrhtml/00050577.htm
This report summarizes recommendations of the CDC ACIP concerning the use of certain immunizing agents in HCWs/ health care personnel and assists workers and administrators in optimizing infection prevention and control programs.

Updated U.S. Public Health Service Guidelines for the Management of Occupational Exposures to HBV, HCV, and HIV and Recommendations for Postexposure Prophylaxis.  
http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5011a1.htm
Centers for Disease Control and Prevention (CDC), Morbidity and Mortality Weekly Report
This provides the current CDC recommendations for post exposure management that should be used by the designated health care provider.

Related Links:
- National Institute for Occupational Safety and Health
- Safety and Health Topics for Dentistry from the Occupational Safety and Health Administration (OSHA)
- United States Air Force Dental Investigation Service
- American Dental Association
- Organization for Safety and Asepsis Procedures

**National Institute of Occupational Safety and Health (NIOSH)**
http://www.cdc.gov/niosh/homepage.html
http://www.cdc.gov/niosh/topics/bbp/

NIOSH offers many resources in the area of occupational safety and health. The web-site provides information, guidance documents and evaluation tools and checklists on a variety of infection control and related safety topics.

NIOSH EXAMPLE: Biological Hazards and Bloodborne Pathogen:
Bloodborne Infectious Diseases HIV/AIDS, Hepatitis B Virus, and Hepatitis C Virus (Topic Page)

**OSHA Compliance and Bloodborne Pathogens Resources**
http://www.osha.gov/SLTC/dentistry/control.html

Users can search through 40 areas of OSHA’s site including standards, compliance directives, ergonomics, safety and health topics and bulletins, small business, training, and workers’ rights. Searches can be limited to one area or expanded to many different areas of the site.

OSHA’s advanced search engine can be found at http://www.osha.gov/pls/oshaweb/searchresults.AdvancedSearch.

Occupational Safety and Health Agency of the U.S. Department of Labor
www.osha.gov

1. Do a search using the key word *dentistry* on the OSHA homepage. Select http://www.osha.gov/SLTC/dentistry/control.html. This page will take you to all the dental resources.

2. Go to http://www.osha.gov/SLTC/dentistry/standards.html for a list and links to all the OSHA Standards that apply to dentistry.
3. Go to http://www.osha.gov/Publications/OSHA3187/osha3187.html for the brochure Medical and Dental Offices: A guide to Compliance with OSHA Standards


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**Directive Number:** CPL 2-2.69  
**Effective Date:** November 27, 2001

**Subject:** Enforcement Procedures for the Occupational Exposure to Bloodborne Pathogens

**Purpose.** This instruction establishes policies and provides clarifications to ensure uniform inspection procedures are followed when conducting inspections to enforce the Occupational Exposure to Bloodborne Pathogens Standard.  
**Scope.** This instruction applies OSHA-wide.

- APPENDIX A  
  - TYPICAL COMMITTEES IN HEALTH CARE FACILITIES  
- APPENDIX B  
  - ENGINEERING CONTROL EVALUATION FORMS  
- APPENDIX C  
  - WEB SITE RESOURCE LIST  
- APPENDIX D  
  - MODEL EXPOSURE CONTROL PLAN

**Post-Exposure Evaluation and Follow-Up Requirements Under OSHA's Standard for Occupational Exposure to Bloodborne Pathogens.** American Dental Association (ADA) (December 1997), 30 pages. This document provides guidance to dental employers about their responsibilities under the OSHA standard for providing post-exposure evaluation and follow-up for employees exposed to bloodborne pathogens.  
http://www.ada.org/prof/prac/issues/topics/osha/index.html  
This document was done as a joint effort by OSHA and the ADA and is very useful in developing and implementing a post-exposure management and medical follow-up program
The One Shot Safety Syringe Tutorial.  

Other Hazard Control Program Resources

*Preventing Adverse Effects from Exposure to Beryllium in Dental Laboratories.*  

*Anesthetic Gases Guidelines for Workplace Exposures.*  

*Control of Nitrous Oxide in Dental Operatories.*  

*NIOSH Alert: Controlling Exposures to Nitrous Oxide During Anesthetic Administration.*  
[http://www.cdc.gov/niosh/noxidalr.html]National Institute for Occupational Safety and Health (NIOSH), DHHS Publication No. 94-100 (1996, August 5), 8 pages. This alert presents control measures for preventing or greatly reducing exposure to N₂O during the administration of anesthetic gas.
The following associations and references are useful in controlling and preventing workplace hazards associated with dentistry.

**Organization for Safety and Asepsis Procedures (OSAP).**
[www.osap.org](http://www.osap.org)
OSAP is a unique group of dental practitioners, allied healthcare workers, industry representatives, and other interested persons with a collective mission to promote infection control and related science-based health and safety policies and practices.
OSAP supports this commitment to the dental workers and the public through quality education and information dissemination.
OSAP's membership comprises individual dentists, hygienists, assistants, physicians, nurses, students, researchers, educators, policymakers, industry representatives, and agency and association staff members with an interest in dental infection control, occupational health, and practice safety.
Anyone with such an interest is invited to join the organization's international member base.

- This is a resource for dental infection control and safety
- and a clearinghouse for dental infection control information.
- OSAP provides valuable web-based resources as well as print materials.
- OSAP also provides a number of international, national and regional education programs.
- **Frequently Asked Questions (FAQs) on Dental Infection Control.**
  Organization for Safety and Asepsis Procedures (OSAP)
  This page provides commonly asked questions and answers about infection control in the dental industry. This page also provides a search option.

**American Dental Association (ADA) [www.ada.org](http://www.ada.org)**

**Resource Manual for Support of Dentists with HBV, HIV, TB, and Other Infectious Diseases.**
This manual discusses the implications of primary prevention as it relates to dentists with infectious diseases. June 29), 33 pages. This report includes the latest CDC recommendations.

**Post-Exposure Evaluation and Follow-Up Requirements Under OSHA's Standard for Occupational Ex**
(December 1997), 30 pages. This document provides guidance to dental employers about their responsibilities under the OSHA standard for providing post-exposure evaluation and follow-up for employees exposed to bloodborne pathogens.

**Policy Statement on Bloodborne Pathogens, Infection Control and the Practice of Dentistry.**
[http://www.ada.org/prof/prac/issues/statements/blood.html](http://www.ada.org/prof/prac/issues/statements/blood.html)
This policy statement addresses bloodborne pathogens, infection control and the practice of dentistry, and is reviewed and modified on a regular basis as scientific knowledge of bloodborne pathogen transmission and prevention in health care settings evolves.
Infection Control Recommendations for the Dental Office and the Dental Laboratory.
http://www.ada.org/prof/resources/topics/icontrol/icontrol_rec.asp
American Dental Association (ADA) (1996), 10 pages. This document discusses the use of effective infection control procedures and universal precautions in the dental office and the dental laboratory that prevent cross-contamination that could extend to dentists, dental office staff, dental technicians and patients.

This document offers guidance to reduce the risk of disease transmission among dental health care workers and their patients.

Resources for HIV Information

AETC National Resource Center Update
The AIDS Education and Training Centers is a federally funded agency of the U.S. Health Research Services Agency (HRSA). The AETCs conduct targeted, multi-disciplinary education and training programs for healthcare providers treating persons with HIV/AIDS. This web site provides a central repository for AETC program and contact information and for training materials developed within the AETC network.
http://www.aidsetc.org

The Northeast AIDS Education and Training Centers goal is: To increase the number of health care providers effectively trained to counsel, diagnose, treat and manage the care of individuals with HIV infection and to assist in the prevention of high risk behavior which may lead to infection
The regional web site is
www.neaetc.org

AIDSInfo is a website of the U.S. National Institutes of Health offering HIV information and resources on prevention, treatment and research
http://www.aidsinfo.nih.gov

HIVDENT is a not-for-profit coalition of concerned health care professionals committed to assuring access to high quality oral health care services for adults, adolescents, and children living with HIV disease. HIVDENT disseminates state-of-the-art treatment information and shares expertise in advocacy, development, training, integration, and evaluation of oral health services for the HIV-infected population.
The primary mechanism by which HIVDENT initially intends to accomplish its mission is via this web site. Inside, not only will you find several sections on the oral manifestations of HIV disease and a large picture gallery, but information on infection control, post-exposure protocols, pediatric/adolescent care, medications, funding and other resources.
Through an easily accessible e-mail system, health care professionals and consumers alike are able to communicate directly with the Faculty, some of the foremost international experts in these fields.
www.hivdent.org