

Infection Prevention Resources and Guidelines for Assisted Living Facilities and Nursing Homes

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OVERVIEW AND DEFINITIONS

INFECTION PREVENTION - OVERVIEW

Centers for Disease Control and Prevention (CDC)

Healthcare-Associated Infections (HAIs): <http://www.cdc.gov/hai/>

Long-Term Care Settings: http://www.cdc.gov/HAI/settings/ltc_settings.html

Smith PW, Bennett G, Bradley S, Drinka P, Lautenbach E, Marx J, Mody L, Nicolle L, Stevenson K.

SHEA/APIC Guideline: Infection Prevention and Control in the Long-Term Care Facility. *Infection Control and Hospital Epidemiology* 2008;29:785–814

http://www.apic.org/Content/NavigationMenu/PracticeGuidance/APIC-SHEA_Guideline.pdf

Smith PW, Rusnak PG. Infection Prevention and Control in the Long-Term-Care Facility. *Infection Control and Hospital Epidemiology* 1997;18:831-849.

http://www.shea-online.org/Assets/files/position_papers/IC-LTCF97.PDF

CLINICAL GUIDELINES AND SURVEILLANCE DEFINITIONS

McGeer A, Campbell B, Emori TG, Hierholzer WJ, Jackson MM, Nicolle LE, Peppler C, Rivera A, Schollenberger DG, Simor AE, et al. Definitions of Infections for Surveillance in Long-Term Care Facilities, AJIC 1991. *American Journal of Infection Control*. 1991 Feb;19(1):1-7

http://www.premierinc.com/quality-safety/tools-services/safety/topics/guidelines/downloads/25_itcdefs-91.pdf

Kevin P. High, Suzanne F. Bradley, Stefan Gravenstein, David R. Mehr, Vincent J. Quagliarello, Chesley Richards, and Thomas T. Yoshikawa. Clinical Practice Guideline for the Evaluation of Fever and Infection in Older Adult Residents of Long-Term Care Facilities. *Clinical Infectious Diseases*. 2009;48:149–171

INFECTIONS

DEVICE-ASSOCIATED INFECTIONS

Gould CV, Umscheid CA, Agarwal RK, Kuntz G, Pegues DA, and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Guideline for Prevention of Catheter-Associated Urinary Tract Infections, 2009.

http://www.cdc.gov/hicpac/cauti/001_cauti.html

Association for Professionals in Infection Control and Epidemiology (APIC) Guidelines for Elimination of Specific Pathogens:

http://www.apic.org/AM/Template.cfm?Section=APIC_Elimination_Guides&Template=/CM/HTMLDisplay.cfm&ContentID=14632

Catheter-Related Bloodstream Infections, 2009

Catheter-Related Urinary Tract Infections (CAUTIs), 2008

Ventilator-Associated Pneumonia, 2009

INFLUENZA

Antiviral Agents for the Treatment and Chemoprophylaxis of Influenza: Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2011. January 21, 2011. *MMWR*.

<http://www.cdc.gov/mmwr/pdf/rr/rr6001.pdf>

CDC Recommendations and Guidelines: Infection Control Measures for Preventing and Controlling Influenza Transmission in Long-Term Care Facilities.

<http://www.cdc.gov/flu/professionals/infectioncontrol/longtermcare.htm>

CDC. Prevention and Control of Influenza: Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2011. August 26, 2011. *MMWR*.

<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6033a3.htm>

Other resources:

For care providers:

<http://www.cdc.gov/flu/professionals>

Seasonal influenza print materials:

<http://www.cdc.gov/flu/freeresources/print.htm>

Strategies for preventing influenza in the workplace:

<http://pandemicflu.gov/professional/business/toolkit20102011.html>

INFECTIONS continued

MULTIDRUG-RESISTANT ORGANISMS

Siegel JD, Rhinehart E, Jackson M, et al., and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Management of Multidrug-Resistant Organisms In Healthcare Settings, 2006.

<http://www.cdc.gov/ncidod/dhqp/pdf/ar/MDROGuideline2006.pdf>

Association for Professionals in Infection Control and Epidemiology (APIC) Guidelines for Elimination of Specific Pathogens:

http://www.apic.org/AM/Template.cfm?Section=APIC_Elimination_Guides&Template=/CM/HTMLDisplay.cfm&ContentID=14632

Clostridium difficile in Healthcare Settings, 2008

Methicillin-resistant *Staphylococcus aureus* (MRSA) in the Long-Term Care Facility, 2009

Methicillin-resistant *Staphylococcus aureus* (MRSA) Transmission in Hospital Settings, 2007

NOROVIRUS

Updated Norovirus Outbreak Management and Disease Prevention Guidelines. March 4, 2011. *MMWR*.

<http://www.cdc.gov/mmwr/pdf/rr/rr6003.pdf>

Environmental Protection Agency's (EPA) Registered Antimicrobial Products Effective Against Norovirus, January 9, 2009.

http://www.epa.gov/oppad001/list_g_norovirus.pdf

Additional norovirus guidance from the Virginia Department of Health:

http://www.vdh.virginia.gov/Epidemiology/factsheets/pdf/Norovirus_Prevention_Guidance_Facilities_2010.pdf

TUBERCULOSIS (TB)

Virginia Department of Health TB Program:

<http://www.vdh.state.va.us/epidemiology/DiseasePrevention/Programs/Tuberculosis/>

CDC

General information and fact sheets:

www.cdc.gov/tb

Guidelines for Preventing the Transmission of *Mycobacterium tuberculosis* in Health-Care Settings, 2005:

<http://www.cdc.gov/tb/publications/guidelines/infectioncontrol.htm>

OSHA

General information:

<http://www.osha.gov/SLTC/tuberculosis/index.html>

Facility respiratory protection plan requirements:

<http://www.osha.gov/SLTC/respiratoryprotection/index.html>

PREVENTION PRACTICES

ANTIBIOTIC USE

Nicolle LE, Bentley DW, Garibaldi R, Neuhaus EG, Smith PW, and the SHEA Long-Term-Care Committee. Antimicrobial Use in Long-Term-Care Facilities. *Infection Control and Hospital Epidemiology* 2000;21:537-545.

Nicolle LE, Bentley DW, Garibaldi R, Neuhaus EG, Smith PW, and the SHEA Long-Term-Care Committee. Antimicrobial Use in Long-Term-Care Facilities. *Infection Control and Hospital Epidemiology* 1996;17:119-128.

http://www.shea-online.org/Assets/files/position_papers/Abx-LTCF96.PDF

Loeb M, Bentley DW, Bradley S, Crossley K, Garibaldi R, Gantz N, McGeer A, Muder RR, Mylotte J, Nicolle LE, Nurse B, Paton S, Simor AE, Smith P, Strausbaugh L. Development of Minimum Criteria for the Initiation of Antibiotics in Residents of Long-Term-Care Facilities: Results of a Consensus Conference. *Infection Control and Hospital Epidemiology* 2001;22:120-124.

<http://www2.kumc.edu/coa/Education/AMED900/InfectiousDisease-GeneralizedAssess.pdf>

BLOODBORNE PATHOGENS

Occupational Safety and Health Administration (OSHA) Bloodborne Pathogens Standard
Standard interpretations:

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10051

General information:

<http://www.osha.gov/SLTC/bloodbornepathogens/index.html>

CDC blood glucose monitoring guidance:

<http://www.cdc.gov/injectionsafety/Fingerstick-DevicesBGM.html>

<http://www.cdc.gov/hepatitis/Settings/GlucoseMonitoring.htm>

<http://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html>

ENVIRONMENTAL CLEANING AND DISINFECTION

Rutala WA, Weber DJ, et al., and the Healthcare Infection Control Practices Advisory Committee (HICPAC).

Guideline for Disinfection and Sterilization in Healthcare Facilities, 2008.

http://www.cdc.gov/hicpac/pdf/guidelines/Disinfection_Nov_2008.pdf

Premier Safety Share, Bulletin: CDC releases 2008 guidelines for disinfection and sterilization. Bleach dilutions clarified with household measurement terms, November 24, 2008.

http://www.premierinc.com/quality-safety/tools-services/safety/pSS/Bulletin_CDCGuide-11202008.htm

Guidelines for Environmental Infection Control in Healthcare Facilities: Recommendations of CDC and the Healthcare Infection Control Practices Advisory Committee (HICPAC). June 6, 2003. *MMWR*.

<http://www.cdc.gov/MMWR/preview/MMWRhtml/rr5210a1.htm>

PREVENTION PRACTICES continued

HAND HYGIENE

Boyce JM, Pittet D, and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Guideline for Hand Hygiene in Healthcare Settings. October 25, 2002. *MMWR*.

<http://www.cdc.gov/mmwr/PDF/rr/rr5116.pdf>

IMMUNIZATIONS AND EMPLOYEE HEALTH

General Recommendations on Immunization: Recommendations of the Advisory Committee on Immunization Practices (ACIP). January 28, 2011. *MMWR*.

<http://www.cdc.gov/mmwr/pdf/rr/rr6002.pdf>

Influenza Vaccination of Health-care Personnel: Recommendation of the Healthcare Infection Control Practices Advisory Committee (HICPAC) and the Advisory Committee on Immunization Practices (ACIP). February 24, 2006. *MMWR*.

<http://www.cdc.gov/mmwr/preview/mmwrhtml/rr5502a1.htm>

Bolyard EA, Tablan OC, Williams WW, Pearson ML, Shapiro CN, Deitchman SD, and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Guideline for Infection Control in Healthcare Personnel, 1998.

<http://www.cdc.gov/ncidod/dhqp/pdf/guidelines/InfectControl98.pdf>

Immunization of Healthcare Workers: Recommendations of the Advisory Committee on Immunization Practices (ACIP) and the Hospital Infection Control Practices Advisory Committee. December 26, 1997. *MMWR*.

<http://www.cdc.gov/mmwr/preview/mmwrhtml/00050577.htm>

ISOLATION PRECAUTIONS

Siegel JD, Rhinehart E, Jackson M, et al., and the Healthcare Infection Control Practices Advisory Committee (HICPAC). Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings, 2007.

<http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf>

OTHER

Model Transfer Form: http://www.dmas.virginia.gov/downloads/pdfs/ltc-transfer_form.pdf

REGULATIONS

Centers for Medicare and Medicaid Services (CMS)

Regulations and Guidance: <http://www.cms.gov/home/regsguidance.asp>

CMS 2009 Nursing Home Data Compendium

http://www.cms.gov/CertificationandCompliance/Downloads/nursinghomedatacompendium_508.pdf

Code of Virginia: Title 32.1 Health

<http://leg1.state.va.us/cgi-bin/legp504.exe?000+cod+TOC3201000>

Chapter 2 – Disease Prevention and Control

Chapter 5 – Regulation of Medical Care Facilities and Services

Health Insurance Portability and Accountability Act of 1996 (HIPAA)

Health and Human Services reviews Privacy Rules, Security Rules, and Patient Safety Rules:

<http://www.hhs.gov/ocr/privacy/>

Occupational Safety & Health Administration (OSHA) Regulations: Standards – 29 CFR

http://www.osha.gov/pls/oshaweb/owasrch.search_form?p_doc_type=STANDARDS&p_toc_level=1&p_keyvalue=1910

Bloodborne pathogens: 29 CFR 1910.1030

Respiratory protection: 29 CFR 1910.134

Personal protective equipment : 29 CFR 1910.132

Access to employee exposure and medical records: 1910.1020

Recording criteria for work-related tuberculosis cases: 1910.11

PARTNER ORGANIZATIONS

VHQC – Virginia’s Quality Improvement Organization
www.vhqc.org

Virginia Assisted Living Association
www.valainfo.org

Virginia Association of Nonprofit Homes for the Aging
www.vanha.org

Virginia chapter of the Association for Professionals in Infection Control and Epidemiology, Inc.
www.apic-va.com

Virginia Department of Health

Local health districts

www.vdh.state.va.us/lhd

Office of Licensure and Certification – Long-Term Care Division

<http://www.vdh.virginia.gov/OLC/LongTermCare/>

Office of Epidemiology - Division of Surveillance and Investigation

<http://www.vdh.virginia.gov/Epidemiology/Surveillance/>

Healthcare-Associated Infections Program

<http://www.vdh.virginia.gov/Epidemiology/Surveillance/HAI/index.htm>

Reportable Disease List

http://www.vdh.virginia.gov/epidemiology/documents/pdf/reportable_disease_list.pdf

Virginia Department of Social Services

<http://www.dss.virginia.gov/facility/alf.cgi>

Local Departments of Social Services

<http://www.dss.virginia.gov/localagency/>

Virginia Health Care Association

www.vhca.org