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I. STANDARD INFECTION CONTROL PRACTICES

A. OCCUPATIONAL/EMPLOYEE HEALTH

All personnel will:

- Complete pre-employment and annual screening, immunizations including testing, treatment, and monitoring. (IC/OHS Policy – See <u>Infection Control Manual</u>).
- 2. If indicated, receive the hepatitis B vaccine, be determined to be immune, or sign the declination statement. (IC/OHS Policy See <u>Infection Control</u> Manual).
- 3. Complete post-exposure follow-up for bloodborne pathogens and airborne respiratory infections. (IC/OHS Policy See <u>Infection Control Manual</u> and Bloodborne Pathogen Exposure Control Plan and Tuberculosis Exposure Control Plan).
- 4. Report to Occupational Health and comply with off-work order requirements for communicable disease and communicable disease follow-up by Occupational Health. (IC/OHS Policy See <u>Infection Control Manual</u>).
- 5. Complete annual PPD skin testing or equivalent (according to the TB Exposure Control Plan). (IC/OHS Policy See Infection Control Manual).

B. INFECTION TRANSMISSION REDUCTION METHODS

The following policies and guidelines relating to patient care practices are adhered to by all personnel where applicable (See-<u>Infection Control Manual for complete policies and guidelines):</u>

- 1. Standard Precautions
- 2. Hand Hygiene Policy
 - a. All staff must perform hand hygiene before and after patient contact or contact with environmental surfaces in the immediate vicinity of the patient with a hospital-approved, alcohol-based, waterless hand rub. Gloves may not be used as a substitute for hand hygiene.
 - b. If hands are visibly soiled, wash with soap and water, dry, and then use



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an alcohol-based, waterless hand rub.

- c. Handwashing with soap and water followed by use of an alcohol-based, waterless hand rub is required for patients on Contact Precautions *Plus*.
- 3. Fingernail Policy
- 4. Aseptic Technique Policy
- 5. Central Venous and Pulmonary Artery Catheter Insertion Policy
- 6. Isolation Precautions Policies
- 7. Precautions as directed by the Infection Control Unit
- 8. The provisions of the Tuberculosis Exposure Control Plan
- 9. The provisions of the Bloodborne Pathogen Exposure Control Plan
 - a. Prompt reporting of blood or body fluid exposure.
 - b. Proper handling and disposal of infectious waste and sharps.
 - c. Use of appropriate personal protective equipment

The following policies and guidelines are adhered to by all departments in relation to care of the environment, equipment and supplies (See-<u>Infection Control</u> Manual for complete policies and guidelines):

- 1. Visitor and Traffic Policy
- 2. Only hospital-approved disinfectants are used to disinfect equipment or surfaces. (See Infection Control Unit website for list of hospital approved antiseptics and disinfectants http://infectioncontrol.massgeneral.or/icu/).
- 3. All patient care areas are cleaned/disinfected daily per Environmental Services Cleaning Procedures.
- 4. Departmental personnel are responsible for cleaning/disinfection of biomedical and other patient care equipment whenever visible soiling or contamination occurs.
- 5. Unit-based equipment is routinely cleaned and disinfected between patients by Unit staff.



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- 6. Centrally managed equipment is routinely cleaned and disinfected by Materials Management staff.
- 7. Refrigerators: medication, specimens, and patient food must be stored in 3 separate refrigerators and properly labeled. Refrigerators/freezers must have a thermometer, and the temperature must be checked and recorded daily. Refrigerators must be cleaned/defrosted regularly by departmental staff. (See-Refrigerator Policy, food and specimens only Infection Control Manual. For Medication Refrigerator Policy- See Medication Manual).
- 8. Before use, packaged/wrapped patient-care supplies and instruments/equipment are checked for package integrity. If package integrity is compromised, the item is not used. If an expiration date is present, the date is checked.
- 9. Patient-care supplies are stored to protect them from dust, moisture, and contamination, either in a dedicated "clean supply" room with the door closed or in cabinets, enclosed shelves, closed containers, or on a cart with appropriate cover.
- 10. Supply carts, shelves and cabinets are maintained clean, and supplies are rotated following the "last in, first out" principle.
- 11. Patient-care supplies are not stored in external shipping cartons, Internal boxes may be stored until empty, then discarded.
- 12. Sterile water and sterile saline are dated when opened and replaced every 24 hours.
- 13. Cleaning, Sterilization and Disinfection Policy (See <u>Infection Control Manual</u>).
 - a. Disposable patient-care equipment is discarded after single patient use
 - d. Reusable instruments/equipment are cleaned and disinfected or sterilized as indicated between patients
 - c. Sterilizers are tested at least weekly with a biological indicator. A log documenting the time and contents of each load and the results of the biological indicator test is maintained. Records are kept for a minimum of three years



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II. DEPARTMENTAL ACTIONS

The departmental administrator or designee:

- A. Is responsible for reporting known or suspected infection control problems to the Infection Control Unit.
- B. Submits Departmental Infection Control policies and procedures to Infection Control for approval at least every 3 years.
- C. Is responsible for monitoring departmental compliance with Infection Control policies and procedures, including education and practice issues.
- D. Is a (consultative) member of the Infection Control Committee

III. DEPARTMENTAL INFECTION CONTROL EDUCATION

- A. All newly hired personnel will attend infection control orientation.
- B. All personnel adhere to infection control practices as outlined in the Infection Control Manual and departmental policies.
- C. All personnel with patient or specimen contact or contact with contaminated items will complete annual review of Infection Control practices, OSHA Bloodborne Pathogen Standard, and the Tuberculosis Exposure Control Plan.
- D. Additional in-service presentation(s) and consultation(s) with Infection Control are provided as needed. Please call the Infection Control Office to arrange consultation.

IV. DEPARTMENT- SPECIFIC PRACTICES (IF APPLICABLE)

- A. Biomedical Engineering Staff adhere to the BBP ICP when handling contaminated equipment-see departmental procedure for details
- B. Biomed dialysis team members adhere to Dialysis Department infection control policies for specific population and equipment

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V. REFERENCE INFORMATION

- A. MGH Infection Control Manual
- B. Departmental Policy and Procedure Manual
- C. Bloodborne Pathogen Exposure Control Plan (Appendix to <u>Infection Control Manual</u>)
- D. Tuberculosis Exposure Control (Appendix to Infection Control Manual)

Review Cycle	• Three (3) years	S	Approval Date: 8/10 Effective Date: 8/10
Departmental Manager	:	Chief of Infection Control Unit	
Patricia Volpe		David C. Hooper, MD Chair, Infection Control Committee	