

Infection Prevention and Control Assessment Tool for Outpatient Settings

This tool is intended to assist in the assessment of infection control programs and practices in outpatient settings. In order to complete the assessment, direct observation of infection control practices will be necessary. To facilitate the assessment, health departments are encouraged to share this tool with facilities in advance of their visit.

Overview

Section 1: Facility Demographics

Section 2: Infection Control Program and Infrastructure

Section 3: Direct Observation of Facility Practices

Section 4: Infection Control Guidelines and Other Resources

Infection Control Domains for Gap Assessment

- I. Infection Control Program and Infrastructure
- II. Infection Control Training and Competency
- III. Healthcare Personnel Safety
- IV. Surveillance and Disease Reporting
- V.a/b. Hand Hygiene
- VI.a/b. Personal Protective Equipment (PPE)
- VII.a/b. Injection Safety
- VIII.a/b. Respiratory Hygiene/Cough Etiquette
- IX.a/b. Point-of-Care Testing (if applicable)
- X.a/b. Environmental Cleaning
- XI.a/b. Device Reprocessing (if applicable)
- XII. Sterilization of Reusable Devices (if applicable)
- XIII. High-level Disinfection of Reusable Devices (if applicable)



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

| Section 1: Facility Demographics | | | |
|--|--|--|---|
| Facility Name (for health department use only) | | | |
| NHSN Facility Organization ID (for health department use only) | | | |
| State-assigned Unique ID | | | |
| Date of Assessment | | | |
| Type of Assessment | <input type="checkbox"/> On-site <input type="checkbox"/> Other (specify): | | |
| Rationale for Assessment (Select all that apply) | <input type="checkbox"/> Outbreak <input type="checkbox"/> Input from accrediting organization or state survey agency <input type="checkbox"/> Other (specify): | | |
| Is the facility licensed by the state? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Is the facility certified by the Centers for Medicare & Medicaid Services (CMS)? | <input type="checkbox"/> Yes <input type="checkbox"/> No | | |
| Is the facility accredited? | <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, list the accreditation organization: <ul style="list-style-type: none"> <input type="checkbox"/> Accreditation Association for Ambulatory Health Care (AAAHC) <input type="checkbox"/> American Association for Accreditation of Ambulatory Surgery Facilities (AAAASF) <input type="checkbox"/> American Osteopathic Association (AOA) <input type="checkbox"/> The Joint Commission (TJC) <input type="checkbox"/> Other (specify): | | |
| Is the facility affiliated with a hospital? | <input type="checkbox"/> Yes (specify – for health department use only): <input type="checkbox"/> No | | |
| Which procedures are performed by the facility? Select all that apply. | <input type="checkbox"/> Chemotherapy | <input type="checkbox"/> Endoscopy | <input type="checkbox"/> Ear/Nose/Throat |
| | <input type="checkbox"/> Imaging (MRI/CT) | <input type="checkbox"/> Immunizations | <input type="checkbox"/> OB/Gyn |
| | <input type="checkbox"/> Ophthalmologic | <input type="checkbox"/> Orthopedic | <input type="checkbox"/> Pain remediation |
| | <input type="checkbox"/> Plastic/reconstructive | <input type="checkbox"/> Podiatry | <input type="checkbox"/> Other (specify): |
| What is the primary procedure-type performed by the facility? Select only one. | <input type="checkbox"/> Chemotherapy | <input type="checkbox"/> Endoscopy | <input type="checkbox"/> Ear/Nose/Throat |
| | <input type="checkbox"/> Imaging (MRI/CT) | <input type="checkbox"/> Immunizations | <input type="checkbox"/> OB/Gyn |
| | <input type="checkbox"/> Ophthalmologic | <input type="checkbox"/> Orthopedic | <input type="checkbox"/> Pain remediation |
| | <input type="checkbox"/> Plastic/reconstructive | <input type="checkbox"/> Podiatry | <input type="checkbox"/> Other (specify): |
| How many physicians work at the facility? | | | |
| What is the average number of patients seen per week? | | | |

Section 2: Infection Control Program and Infrastructure

| I. Infection Control Program and Infrastructure | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| <p>A. Written infection prevention policies and procedures are available, current, and based on evidence-based guidelines (e.g., CDC/HICPAC), regulations, or standards.</p> <p><i>Note: Policies and procedures should be appropriate for the services provided by the facility and should extend beyond OSHA bloodborne pathogen training</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>B. Infection prevention policies and procedures are re-assessed at least annually or according to state or federal requirements, and updated if appropriate.</p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>C. At least one individual trained in infection prevention is employed by or regularly available (e.g., by contract) to manage the facility's infection control program.</p> <p><i>Note: Examples of training may include: Successful completion of initial and/or recertification exams developed by the Certification Board for Infection Control & Epidemiology; participation in infection control courses organized by the state or recognized professional societies (e.g., APIC, SHEA).</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>D. Facility has system for early detection and management of potentially infectious persons at initial points of patient encounter.</p> <p><i>Note: System may include taking a travel and occupational history, as appropriate, and elements described under respiratory hygiene/cough etiquette.</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |

| II. Infection Control Training and Competency | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| <p>A. Facility has a competency-based training program that provides job-specific training on infection prevention policies and procedures to healthcare personnel.</p> <p><i>Note: This includes those employed by outside agencies and available by contract or on a volunteer basis to the facility.</i></p> <p><i>See sections below for more specific assessment of training related to: hand hygiene, personal protective equipment (PPE), injection safety, environmental cleaning, point-of-care testing, and device reprocessing</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |

| III. Healthcare Personnel Safety | | |
|--|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| <p>A. Facility has an exposure control plan that is tailored to the specific requirements of the facility (e.g., addresses potential hazards posed by specific services provided by the facility).</p> <p><i>Note: A model template, which includes a guide for creating an exposure control plan that meets the requirements of the OSHA Bloodborne Pathogens Standard is available at: https://www.osha.gov/Publications/osha3186.pdf</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>B. HCP for whom contact with blood or other potentially infectious material is anticipated are trained on the OSHA bloodborne pathogen standard upon hire and at least annually.</p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>C. Following an exposure event, post-exposure evaluation and follow-up, including prophylaxis as appropriate, are available at no cost to employee and are supervised by a licensed healthcare professional.</p> <p><i>Note: An exposure incident refers to a specific eye, mouth, other mucous membrane, non-intact skin, or parenteral contact with blood or other potentially infectious materials that results from the performance of an individual's duties.</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>D. Facility tracks HCP exposure events and evaluates event data and develops/implements corrective action plans to reduce incidence of such events.</p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>E. Facility follows recommendations of the Advisory Committee on Immunization Practices (ACIP) for immunization of HCP, including offering Hepatitis B and influenza vaccination.</p> <p><i>Note: Immunization of Health-Care Personnel: Recommendations of the ACIP available at: http://www.cdc.gov/mmwr/preview/mmwrhtml/rr6007a1.htm</i></p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>F. All HCP receive baseline tuberculosis (TB) screening prior to placement, and those with potential for ongoing exposure to TB receive periodic screening (if negative) at least annually.</p> | <input type="radio"/> Yes <input type="radio"/> No | |
| <p>G. If respirators are used, the facility has a respiratory protection program that details required worksite-specific procedures and elements for required respirator use, including provision of medical clearance, training, and fit testing as appropriate.</p> | <input type="radio"/> Yes <input type="radio"/> No Not Applicable <input type="radio"/> | |
| <p>H. Facility has well-defined policies concerning contact of personnel with patients when personnel have potentially transmissible conditions. These policies include:</p> <ul style="list-style-type: none"> i. Work-exclusion policies that encourage reporting of illnesses and do not penalize with loss of wages, benefits, or job status. ii. Education of personnel on prompt reporting of illness to supervisor. | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No | |

| IV. Surveillance and Disease Reporting | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. An updated list of diseases reportable to the public health authority is readily available to all personnel. | <input type="radio"/> Yes <input type="radio"/> No | |
| B. Facility can demonstrate knowledge of and compliance with mandatory reporting requirements for notifiable diseases, healthcare associated infections (as appropriate), and for potential outbreaks. | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Patients who have undergone procedures at the facility are educated regarding signs and symptoms of infection that may be associated with the procedure and instructed to notify the facility if such signs or symptoms occur. | <input type="radio"/> Yes <input type="radio"/> No | |

| V.a. Hand Hygiene | | |
|--|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. All HCP are educated regarding appropriate indications for hand hygiene: i. Upon hire, prior to provision of care ii. Annually | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No | |
| B. HCP are required to demonstrate competency with hand hygiene following each training | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Facility regularly audits (monitors and documents) adherence to hand hygiene. | <input type="radio"/> Yes <input type="radio"/> No | |
| D. Facility provides feedback from audits to personnel regarding their hand hygiene performance. | <input type="radio"/> Yes <input type="radio"/> No | |
| E. Hand hygiene policies promote preferential use of alcohol-based hand rub over soap and water in all clinical situations except when hands are visibly soiled (e.g., blood, body fluids) or after caring for a patient with known or suspected <i>C. difficile</i> or norovirus. | <input type="radio"/> Yes <input type="radio"/> No | |

| VI.a. Personal Protective Equipment (PPE) | | |
|--|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. HCP who use PPE receive training on proper selection and use of PPE: i. Upon hire, prior to provision of care ii. Annually iii. When new equipment or protocols are introduced | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No | |
| B. HCP are required to demonstrate competency with selection and use of PPE following each training. | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Facility regularly audits (monitors and documents) adherence to proper PPE selection and use. | <input type="radio"/> Yes <input type="radio"/> No | |
| D. Facility provides feedback from audits to personnel regarding their performance with selection and use of PPE. | <input type="radio"/> Yes <input type="radio"/> No | |

VII.a. Injection Safety (This element does not include assessment of pharmacy/compounding practices)

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|---|---|-----------------------------|
| A. HCP who prepare and/or administer parenteral medications receive training on safe injection practices: <ul style="list-style-type: none"> i. Upon hire, prior to being allowed to prepare and/or administer parenteral medications ii. Annually iii. When new equipment or protocols are introduced | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| B. HCP are required to demonstrate competency with safe injection practices following each training. | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Facility regularly audits (monitors and documents) adherence to safe injection practices. | <input type="radio"/> Yes <input type="radio"/> No | |
| D. Facility provides feedback from audits to personnel regarding their adherence to safe injection practices. | <input type="radio"/> Yes <input type="radio"/> No | |
| E. Facility has policies and procedures to track HCP access to controlled substances to prevent narcotics theft/diversion. | <input type="radio"/> Yes <input type="radio"/> No | |
| <p><i>Note: Policies and procedures should address: how data are reviewed, how facility would respond to unusual access patterns, how facility would assess risk to patients if tampering (alteration or substitution) is suspected or identified, and who the facility would contact if diversion is suspected or identified.</i></p> | | |

VIII.a. Respiratory Hygiene/Cough Etiquette

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|--|---|-----------------------------|
| A. Facility has policies and procedures to contain respiratory secretions in persons who have signs and symptoms of a respiratory infection, beginning at point of entry to the facility and continuing through the duration of the visit. Policies include: <ul style="list-style-type: none"> i. Offering facemasks to coughing patients and other symptomatic persons upon entry to the facility, at a minimum, during periods of increased respiratory infection activity in the community. ii. Providing space in waiting rooms and encouraging persons with symptoms of respiratory infections to sit as far away from others as possible. <p><i>Note: If available, facilities may wish to place patients with symptoms of a respiratory infection in a separate area while waiting for care.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| B. Facility educates HCP on the importance of infection prevention measures to contain respiratory secretions to prevent the spread of respiratory pathogens. | <input type="radio"/> Yes <input type="radio"/> No | |

| IX.a. Point-of-Care Testing (e.g., blood glucose meters, INR monitor) | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. HCP who perform point-of-care testing receive training on recommended practices: i. Upon hire, prior to being allowed to perform point-of-care testing ii. Annually iii. When new equipment or protocols are introduced | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| B. HCP are required to demonstrate competency with recommended practices for point-of-care testing following each training. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| C. Facility regularly audits (monitors and documents) adherence to recommended practices during point-of-care testing. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| D. Facility provides feedback from audits to personnel regarding their adherence to recommended practices. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |

| X.a. Environmental Cleaning | | |
|--|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. Facility has written policies and procedures for routine cleaning and disinfection of environmental surfaces, including identification of responsible personnel. | <input type="radio"/> Yes <input type="radio"/> No | |
| B. Personnel who clean and disinfect patient care areas (e.g., environmental services, technicians, nurses) receive training on cleaning procedures i. Upon hire, prior to being allowed to perform environmental cleaning ii. Annually iii. When new equipment or protocols are introduced <i>Note: If environmental cleaning is performed by contract personnel, facility should verify this is provided by contracting company.</i> | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No | |
| C. HCP are required to demonstrate competency with environmental cleaning procedures following each training. | <input type="radio"/> Yes <input type="radio"/> No | |
| D. Facility regularly audits (monitors and documents) adherence to cleaning and disinfection procedures, including using products in accordance with manufacturer's instructions (e.g., dilution, storage, shelf-life, contact time). | <input type="radio"/> Yes <input type="radio"/> No | |
| E. Facility provides feedback from audits to personnel regarding their adherence to cleaning and disinfection procedures. | <input type="radio"/> Yes <input type="radio"/> No | |
| F. Facility has a policy/procedure for decontamination of spills of blood or other body fluids. | <input type="radio"/> Yes <input type="radio"/> No | |

X.a. Environmental Cleaning, continued

Operating Room

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|--|--|-----------------------------|
| G. Operating rooms are terminally cleaned after last procedure of the day. | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not applicable | |
| H. Facility regularly audits (monitors and documents) adherence to recommended infection control practices for surgical infection prevention including: <ul style="list-style-type: none"> i. Adherence to preoperative surgical scrub and hand hygiene ii. Appropriate use of surgical attire and drapes iii. Adherence to aseptic technique and sterile field iv. Proper ventilation requirements in surgical suites v. Minimization of traffic in the operating room vi. Adherence to cleaning and disinfection of environmental surfaces | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not applicable | |
| I. Facility provides feedback from audits to personnel regarding their adherence to surgical infection prevention practices. | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Not applicable | |

XI.a. Device Reprocessing

The following basic information allows for a general assessment of policies and procedures related to reprocessing of reusable medical devices. Outpatient facilities that are performing on-site sterilization or high-level disinfection of reusable medical devices should refer to the more detailed checklists in separate sections of this document devoted to those issues.

Categories of Medical Devices:

- **Critical items** (e.g., surgical instruments) are objects that enter sterile tissue or the vascular system and must be sterile prior to use (see Sterilization Section).
- **Semi-critical items** (e.g., endoscopes for upper endoscopy and colonoscopy, vaginal probes) are objects that contact mucous membranes or non-intact skin and require, at a minimum, high-level disinfection prior to reuse (see High-level Disinfection Section).
- **Non-critical items** (e.g., blood pressure cuffs) are objects that may come in contact with intact skin but not mucous membranes and should undergo cleaning and low- or intermediate-level disinfection depending on the nature and degree of contamination.

Single-use devices (SUDs) are labeled by the manufacturer for a single use and do not have reprocessing instructions. They may *not* be reprocessed for reuse except by entities which have complied with FDA regulatory requirements and have received FDA clearance to reprocess specific SUDs.

Note: Cleaning must always be performed prior to sterilization and disinfection

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|---|---|-----------------------------|
| <p>A. Facility has policies and procedures to ensure that reusable medical devices are cleaned and reprocessed appropriately prior to use on another patient.</p> <p><i>Note: This includes clear delineation of responsibility among HCP for cleaning and disinfection of equipment including, non-critical equipment, mobile devices, and other electronics (e.g., point-of-care devices) that might not be reprocessed in a centralized reprocessing area.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| <p>B. The individual(s) in charge of infection prevention at the facility is consulted whenever new devices or products will be purchased or introduced to ensure implementation of appropriate reprocessing policies and procedures.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| <p>C. HCP responsible for reprocessing reusable medical devices receive hands-on training on proper selection and use of PPE and recommended steps for reprocessing assigned devices:</p> <ul style="list-style-type: none"> i. Upon hire, prior to being allowed to reprocess devices ii. Annually iii. When new devices are introduced or policies/procedures change. <p><i>Note: If device reprocessing is performed by contract personnel, facility should verify this is provided by contracting company.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| <p>D. HCP are required to demonstrate competency with reprocessing procedures (i.e., correct technique is observed by trainer) following each training.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> | |

XI.a. Device Reprocessing, continued

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|--|--|-----------------------------|
| E. Facility regularly audits (monitors and documents) adherence to reprocessing procedures. | <input type="radio"/> Yes <input type="radio"/> No | |
| F. Facility provides feedback from audits to personnel regarding their adherence to reprocessing procedures. | <input type="radio"/> Yes <input type="radio"/> No | |
| G. Facility has protocols to ensure that HCP can readily identify devices that have been properly reprocessed and are ready for patient use (e.g., tagging system, storage in designated area). | <input type="radio"/> Yes <input type="radio"/> No | |
| H. Facility has policies and procedures outlining facility response (i.e., risk assessment and recall of device) in the event of a reprocessing error or failure. | <input type="radio"/> Yes <input type="radio"/> No | |
| I. Routine maintenance for reprocessing equipment (e.g., automated endoscope reprocessors, steam autoclave) is performed by qualified personnel in accordance with manufacturer instructions; confirm maintenance records are available. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |

Section 3: Direct Observation of Facility Practices

Certain infection control lapses (e.g., reuse of syringes on more than one patient or to access a medication container that is used for subsequent patients; reuse of lancets) have resulted in bloodborne pathogen transmission and should be halted immediately. Identification of such lapses warrants appropriate notification and testing of potentially affected patients.

If an element is unable to be observed during an assessment (e.g., no patients received point-of-care testing during the visit), assess the element by interviewing appropriate personnel about facility practices. Notation should also be made in the notes section that the element was not able to be directly observed.

| V.b. Hand hygiene | | |
|--|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. Supplies necessary for adherence to hand hygiene (e.g., soap, water, paper towels, alcohol-based hand rub) are readily accessible to HCP in patient care areas. | <input type="radio"/> Yes <input type="radio"/> No | |
| Hand hygiene is performed correctly: | | |
| B. Before contact with the patient | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Before performing an aseptic task (e.g., insertion of IV or preparing an injection) | <input type="radio"/> Yes <input type="radio"/> No | |
| D. After contact with the patient | <input type="radio"/> Yes <input type="radio"/> No | |
| E. After contact with objects in the immediate vicinity of the patient | <input type="radio"/> Yes <input type="radio"/> No | |
| F. After contact with blood, body fluids or contaminated surfaces | <input type="radio"/> Yes <input type="radio"/> No | |
| G. After removing gloves | <input type="radio"/> Yes <input type="radio"/> No | |
| H. When moving from a contaminated-body site to a clean-body site during patient care | <input type="radio"/> Yes <input type="radio"/> No | |

| VI.b. Personal Protective Equipment (PPE) | | |
|--|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. Sufficient and appropriate PPE is available and readily accessible to HCP. | <input type="radio"/> Yes <input type="radio"/> No | |
| PPE is used correctly: | | |
| B. PPE, other than respirator, is removed and discarded prior to leaving the patient's room or care area. If a respirator is used, it is removed and discarded (or reprocessed if reusable) <u>after</u> leaving the patient room or care area and closing the door. | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Hand hygiene is performed immediately after removal of PPE. | <input type="radio"/> Yes <input type="radio"/> No | |

| VI.b. Personal Protective Equipment (PPE), continued | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| D. Gloves | | |
| i. HCP wear gloves for potential contact with blood, body fluids, mucous membranes, non-intact skin, or contaminated equipment. | <input type="radio"/> Yes <input type="radio"/> No | |
| ii. HCP <u>do not</u> wear the same pair of gloves for the care of more than one patient. | <input type="radio"/> Yes <input type="radio"/> No | |
| iii. HCP <u>do not</u> wash gloves for the purpose of reuse. | <input type="radio"/> Yes <input type="radio"/> No | |
| E. Gowns | | |
| i. HCP wear gowns to protect skin and clothing during procedures or activities where contact with blood or body fluids is anticipated. | <input type="radio"/> Yes <input type="radio"/> No Not Applicable <input type="radio"/> | |
| ii. HCP <u>do not</u> wear the same gown for the care of more than one patient. | <input type="radio"/> Yes <input type="radio"/> No Not Applicable <input type="radio"/> | |
| F. Facial protection | | |
| i. HCP wear mouth, nose, and eye protection during procedures that are likely to generate splashes or sprays of blood or other body fluids. | <input type="radio"/> Yes <input type="radio"/> No Not Applicable <input type="radio"/> | |

| VII.b. Injection safety (This element does not include assessment of pharmacy/compounding practices) | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. Injections are prepared using aseptic technique in a clean area free from contamination or contact with blood, body fluids or contaminated equipment. | <input type="radio"/> Yes <input type="radio"/> No | |
| B. Needles and syringes are used for only one patient (this includes manufactured prefilled syringes and cartridge devices such as insulin pens). | <input type="radio"/> Yes <input type="radio"/> No | |
| C. The rubber septum on a medication vial is disinfected with alcohol prior to piercing. | <input type="radio"/> Yes <input type="radio"/> No | |
| D. Medication containers are entered with a new needle and a new syringe, even when obtaining additional doses for the same patient. | <input type="radio"/> Yes <input type="radio"/> No | |
| E. Single dose (single-use) medication vials, ampules, and bags or bottles of intravenous solution are used for only one patient. | <input type="radio"/> Yes <input type="radio"/> No | |
| F. Medication administration tubing and connectors are used for only one patient. | <input type="radio"/> Yes <input type="radio"/> No | |
| G. Multi-dose vials are dated by HCP when they are first opened and discarded within 28 days unless the manufacturer specifies a different (shorter or longer) date for that opened vial. <i>Note: This is different from the expiration date printed on the vial.</i> | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> (Facility does not use multi-dose vials or discards them after single patient use) | |

VII.b. Injection safety (This element does not include assessment of pharmacy/compounding practices), continued

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|--|--|-----------------------------|
| <p>H. Multi-dose vials to be used for more than one patient are kept in a centralized medication area and <u>do not</u> enter the immediate patient treatment area (e.g., operating room, patient room/cubicle).</p> <p><i>Note: If multi-dose vials enter the immediate patient treatment area they should be dedicated for single-patient use and discarded immediately after use.</i></p> | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> (Facility does not use multi-dose vials or discards them after single patient use) | |
| I. All sharps are disposed of in a puncture-resistant sharps container. | <input type="radio"/> Yes <input type="radio"/> No | |
| J. Filled sharps containers are disposed of in accordance with state regulated medical waste rules. | <input type="radio"/> Yes <input type="radio"/> No | |
| K. All controlled substances (e.g., Schedule II, III, IV, V drugs) are kept locked within a secure area. | <input type="radio"/> Yes <input type="radio"/> No | |
| L. HCP wear a facemask (e.g., surgical mask) when placing a catheter or injecting material into the epidural or subdural space (e.g., during myelogram, epidural or spinal anesthesia). | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> (Facility does not perform spinal injection procedures) | |

VIII.b. Respiratory Hygiene/Cough Etiquette

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|---|--|-----------------------------|
| A. Facility: | | |
| i. Posts signs at entrances with instructions to patients with symptoms of respiratory infection to: <ul style="list-style-type: none"> a. Inform HCP of symptoms of a respiratory infection when they first register for care, and b. Practice Respiratory Hygiene/Cough Etiquette (cover their mouths/noses when coughing or sneezing, use and dispose of tissues, and perform hand hygiene after hands have been covered with respiratory secretions). | <input type="radio"/> Yes <input type="radio"/> No | |
| ii. Provides tissues and no-touch receptacles for disposal of tissues. | <input type="radio"/> Yes <input type="radio"/> No | |
| iii. Provides resources for performing hand hygiene in or near waiting areas. | <input type="radio"/> Yes <input type="radio"/> No | |

IX.b. Point-of-Care Testing (e.g., blood glucose meters, INR monitor)

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|---|--|-----------------------------|
| <p>A. New single-use, auto-disabling lancing device is used for each patient.</p> <p><i>Note: Lancet holder devices are not suitable for multi-patient use.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>B. If used for more than one patient, the point-of-care testing meter is cleaned and disinfected after every use according to manufacturer's instructions.</p> <p><i>Note: If the manufacturer does not provide instructions for cleaning and disinfection, then the testing meter should not be used for >1 patient.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |

X.b. Environmental Cleaning

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|--|--|-----------------------------|
| <p>A. Supplies necessary for appropriate cleaning and disinfection procedures (e.g., EPA-registered disinfectants) are available.</p> <p><i>Note: If environmental services are performed by contract personnel, facility should verify that appropriate EPA-registered products are provided by contracting company</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| <p>B. High-touch surfaces in rooms where surgical or other invasive procedures (e.g., endoscopy, spinal injections) are performed are cleaned and then disinfected with an EPA-registered disinfectant after each procedure.</p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>C. Cleaners and disinfectants are used in accordance with manufacturer's instructions (e.g., dilution, storage, shelf-life, contact time).</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> | |
| <p>D. HCP engaged in environmental cleaning wear appropriate PPE to prevent exposure to infectious agents or chemicals (PPE can include gloves, gowns, masks, and eye protection).</p> <p><i>Note: The exact type of correct PPE depends on infectious or chemical agent and anticipated type of exposure.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> | |

| XI.b. Device Reprocessing | | |
|---|--|-----------------------------|
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. Policies, procedures, and manufacturer reprocessing instructions for reusable medical devices used in the facility are available in the reprocessing area(s). | <input type="radio"/> Yes <input type="radio"/> No | |
| B. Reusable medical devices are cleaned, reprocessed (disinfection or sterilization) and maintained according to the manufacturer instructions. <i>Note: If the manufacturer does not provide such instructions, the device may not be suitable for multi-patient use.</i> | <input type="radio"/> Yes <input type="radio"/> No | |
| C. Single-use devices are discarded after use and not used for more than one patient. <i>Note: If the facility elects to reuse single-use devices, these devices must be reprocessed prior to reuse by a third-party reprocessor that it is registered with the FDA as a third-party reprocessor and cleared by the FDA to reprocess the specific device in question. The facility should have documentation from the third party reprocessor confirming this is the case.</i> | <input type="radio"/> Yes <input type="radio"/> No | |
| D. Reprocessing area: i. Adequate space is allotted for reprocessing activities. ii. A workflow pattern is followed such that devices clearly flow from high contamination areas to clean/sterile areas (i.e., there is clear separation between soiled and clean workspaces). | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No | |
| E. Adequate time for reprocessing is allowed to ensure adherence to all steps recommended by the device manufacturer, including drying and proper storage. <i>Note: Facilities should have an adequate supply of instruments for the volume of procedures performed and should schedule procedures to allow sufficient time for all reprocessing steps.</i> | <input type="radio"/> Yes <input type="radio"/> No | |
| F. HCP engaged in device reprocessing wear appropriate PPE to prevent exposure to infectious agents or chemicals (PPE can include gloves, gowns, masks, and eye protection). <i>Note: The exact type of correct PPE depends on infectious or chemical agent and anticipated type of exposure.</i> | <input type="radio"/> Yes <input type="radio"/> No | |
| G. Medical devices are stored in a manner to protect from damage and contamination. | <input type="radio"/> Yes <input type="radio"/> No | |

XII. Sterilization of Reusable Devices

Note: If all device sterilization is performed off-site, skip to items M-O below.

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|--|---|-----------------------------|
| <p>A. Devices are thoroughly cleaned according to manufacturer instructions and visually inspected for residual soil prior to sterilization.</p> <p><i>Note: Cleaning may be manual (i.e., using friction) and/or mechanical (e.g., with ultrasonic cleaners, washer-disinfector, washer-sterilizers).</i></p> <p><i>Ensure appropriately sized cleaning brushes are selected for cleaning device channels and lumens.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>B. Cleaning is performed as soon as practical after use (e.g., at the point of use) to prevent soiled materials from becoming dried onto devices.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>C. Enzymatic cleaner or detergent is used for cleaning and discarded according to manufacturer's instructions (typically after each use)</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>D. Cleaning brushes are disposable or, if reusable, cleaned and high-level disinfected or sterilized (per manufacturer's instructions) after use.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>E. After cleaning, instruments are appropriately wrapped/packaged for sterilization (e.g., package system selected is compatible with the sterilization process being performed, items are placed correctly into the basket, shelf or cart of the sterilizer so as not to impede the penetration of the sterilant, hinged instruments are open, instruments are disassembled if indicated by the manufacturer).</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>F. A chemical indicator (process indicator) is placed correctly in the instrument packs in every load.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>G. A biological indicator, intended specifically for the type and cycle parameters of the sterilizer, is used at least weekly for each sterilizer and with every load containing implantable items.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>H. For dynamic air removal-type sterilizers (e.g., prevacuum steam sterilizer), an air removal test (Bowie-Dick test) is performed in an empty dynamic-air removal sterilizer each day the sterilizer is used to verify efficacy of air removal.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>I. Sterile packs are labeled with a load number that indicates the sterilizer used, the cycle or load number, the date of sterilization, and, if applicable, the expiration date.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>J. Sterilization logs are current and include results from each load.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |
| <p>K. Immediate-use steam sterilization, if performed, is only done in circumstances in which routine sterilization procedures cannot be performed.</p> | <p><input type="radio"/> Yes <input type="radio"/> No</p> <p>Not applicable <input type="radio"/></p> | |

| XII. Sterilization of Reusable Devices, continued | | |
|---|--|-----------------------------|
| Note: If all device sterilization is performed off-site, skip to items M-O below. | | |
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| L. Instruments that undergo immediate-use steam sterilization are used immediately and not stored. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| M. After sterilization, medical devices are stored so that sterility is not compromised. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| N. Sterile packages are inspected for integrity and compromised packages are reprocessed prior to use. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| O. The facility has a process to perform initial cleaning of devices (to prevent soiled materials from becoming dried onto devices) prior to transport to the off-site reprocessing facility. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |

| XIII. High-Level Disinfection of Reusable Devices | | |
|---|--|-----------------------------|
| Note: If all high-level disinfection is performed off-site, skip to items L-N below. | | |
| Elements to be assessed | Assessment | Notes/Areas for Improvement |
| A. Flexible endoscopes are inspected for damage and leak tested as part of each reprocessing cycle. Any device that fails the leak test is removed from clinical use and repaired. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| B. Devices are thoroughly cleaned according to manufacturer instructions and visually inspected for residual soil prior to high-level disinfection. <i>Note: Cleaning may be manual (i.e., using friction) and/or mechanical (e.g., with ultrasonic cleaners, washer-disinfector, washer-sterilizers).</i> <i>Ensure appropriately sized cleaning brushes are selected for cleaning device channels and lumens.</i> | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| C. Cleaning is performed as soon as practical after use (e.g., at the point of use) to prevent soiled materials from becoming dried onto instruments. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| D. Enzymatic cleaner or detergent is used and discarded according to manufacturer instructions (typically after each use). | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| E. Cleaning brushes are disposable or, if reusable, cleaned and high-level disinfected or sterilized (per manufacturer instructions) after use. | <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |
| F. For chemicals used in high-level disinfection, manufacturer instructions are followed for: <ul style="list-style-type: none"> i. Preparation ii. Testing for appropriate concentration iii. Replacement (i.e., upon expiration or loss of efficacy) | <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/> | |

XIII. High-Level Disinfection of Reusable Devices, continued

Note: If all high-level disinfection is performed off-site, skip to items L-N below.

| Elements to be assessed | Assessment | Notes/Areas for Improvement |
|---|--|-----------------------------|
| <p>G. If automated reprocessing equipment is used, proper connectors are used to assure that channels and lumens are appropriately disinfected.</p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>H. Devices are disinfected for the appropriate length of time as specified by manufacturer instructions.</p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>I. Devices are disinfected at the appropriate temperature as specified by manufacturer instructions.</p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>J. After high-level disinfection, devices are rinsed with sterile water, filtered water, or tap water followed by a rinse with 70% - 90% ethyl or isopropyl alcohol.</p> <p><i>Note: There is no recommendation to use sterile or filtered water rather than tap water for rinsing semi-critical equipment that contact the mucous membranes of the rectum or vagina</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>K. Devices are dried thoroughly prior to reuse.</p> <p><i>Note: For lumened instruments (e.g., endoscopes) this includes flushing all channels with alcohol and forcing air through channels.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>L. After high-level disinfection, devices are stored in a manner to protect from damage or contamination.</p> <p><i>Note: Endoscopes should be hung in a vertical position.</i></p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>M. Facility maintains a log for each endoscopy procedure which includes: patient's name and medical record number (if available), procedure, date, endoscopist, system used to reprocess the endoscope (if more than one system could be used in the reprocessing area), and serial number or other identifier of the endoscope used.</p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |
| <p>N. The facility has a process to perform initial cleaning of devices (to prevent soiled materials from becoming dried onto devices) prior to transport to the off-site reprocessing facility.</p> | <p><input type="radio"/> Yes <input type="radio"/> No Not applicable <input type="radio"/></p> | |

Section 4: Infection Control Guidelines and Other Resources

- **General Infection Prevention**

- CDC/HICPAC Guidelines and recommendations: http://www.cdc.gov/HAI/prevent/prevent_pubs.html

- **Healthcare Personnel Safety**

- Guideline for Infection Control in Healthcare Personnel: <http://www.cdc.gov/hicpac/pdf/InfectControl98.pdf>
- Immunization of HealthCare Personnel: <http://www.cdc.gov/vaccines/spec-grps/hcw.htm>
- Occupational Safety & Health Administration (OSHA) Bloodborne Pathogens and Needlestick Prevention Standard: <http://www.osha.gov/SLTC/bloodbornepathogens/index.html>
- OSHA Respiratory Protection Standard: [https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_id=12716&p_table=STANDARD S](https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_id=12716&p_table=STANDARD_S)
- OSHA Respirator Fit Testing: https://www.osha.gov/video/respiratory_protection/fittesting_transcript.html

- **Hand Hygiene**

- Guideline for Hand Hygiene in Healthcare Settings: <http://www.cdc.gov/mmwr/PDF/rr/rr5116.pdf>
- Hand Hygiene in Healthcare Settings: <http://www.cdc.gov/handhygiene/>

Examples of tools that can be used to conduct a formal audit of hand hygiene practices:

- http://www.jointcommission.org/assets/1/18/hh_monograph.pdf
- <http://comepepi.cs.uiowa.edu/index.php/Research/IScrub>

- **Personal Protective Equipment**

- 2007 Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings: <http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf>
- Guidance for the Selection and Use of Personal Protective Equipment in Healthcare Settings: <http://www.cdc.gov/HAI/prevent/ppe.html>

- **Injection Safety**

- 2007 Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings: <http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf>
- CDC Injection Safety Web Materials: <http://www.cdc.gov/injectionsafety/>

- CDC training video and related Safe Injection Practices Campaign materials: <http://www.oneandonlycampaign.org/>

- **Respiratory Hygiene/Cough Etiquette**
 - 2007 Guidelines for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings: <http://www.cdc.gov/hicpac/pdf/isolation/Isolation2007.pdf>
 - Recommendations for preventing the spread of influenza: <http://www.cdc.gov/flu/professionals/infectioncontrol/>

- **Environmental Cleaning**
 - Guidelines for Environmental Infection Control in Healthcare Facilities: http://www.cdc.gov/hicpac/pdf/guidelines/eic_in_HCF_03.pdf
 - Options for Evaluating Environmental Infection Control: <http://www.cdc.gov/HAI/toolkits/Evaluating-Environmental-Cleaning.html>

- **Equipment Reprocessing**
 - Guideline for Disinfection and Sterilization in Healthcare Facilities: http://www.cdc.gov/hicpac/pdf/guidelines/Disinfection_Nov_2008.pdf
 - FDA regulations on reprocessing of single-use devices: <http://www.fda.gov/MedicalDevices/DeviceRegulationandGuidance/GuidanceDocuments/ucm071434>

- **Point-of-Care Testing**
 - Infection Prevention during Blood Glucose Monitoring and Insulin Administration: <http://www.cdc.gov/injectionsafety/blood-glucose-monitoring.html>
 - Frequently Asked Questions (FAQs) regarding Assisted Blood Glucose Monitoring and Insulin Administration: http://www.cdc.gov/injectionsafety/providers/blood-glucose-monitoring_faqs.html

- **Resources to assist with evaluation and response to breaches in infection control**
 - Patel PR, Srinivasan A, Perz JF. Developing a broader approach to management of infection control breaches in health care settings. Am J Infect Control. 2008 Dec;36(10):685-90
 - Steps for Evaluating an Infection Control Breach: http://www.cdc.gov/hai/outbreaks/steps_for_eval_IC_breach.html
 - Patient Notification Toolkit: <http://www.cdc.gov/injectionsafety/pntoolkit/index.html>