

Injection Safety

This domain performs a comprehensive assessment of injection safety programs and practices within the facility as it currently functions.

Policy & Procedure

1a - Does the facility have policies and standard operating procedures addressing safe injection practices?

- Yes
- No
- Unsure

1b - What is included in the safe injection policy and SOPs?

- Medication Preparation
- Medication Safety
- Single-use devices
- Single-use needles
- Single-use tubing
- Single-use medications/vials use
- Multi-use medications/vials use
- Multi-use medications/vials storage
- Sharps handling at point of use
- Safe use of sharps containers
- Insulin pens
- Blood collection devices
- None of the above
- Other

Safe Device and Injury Prevention Program

2a - Does the facility have a committee or other organizational program to evaluate device safety?

- Yes
- No
- Unsure

2b - How often does the facility review or evaluate devices for safer options?

- Annually
- Routinely, when new products are introduced to the organization.
- By provider/ personnel request
- After healthcare personnel injury
- Never

3a - Does the facility have a sharps injury prevention program?

- Yes
- No
- Unsure

3b - What is included in the sharps injury prevention program?

- Data collection of employee sharps injuries
- Analysis of sharps injury data for prevention planning and performance improvement
- Additional training and education for healthcare personnel after a sharps injury occurrence
- Implementation of mitigation strategies and action plans after trends in injuries are identified
- Bloodborne pathogen training and education for all staff
- Sharps injury prevention training and education for all staff
- Collaboration with device procurement team for product evaluation
- None
- Other

3c - Is the Infection Preventionist a member of the sharps injury prevention program?

- Yes
- No
- Unsure

4 - Is employee sharps injury data provided to facility leadership?

- Yes
- No
- Unsure

Drug diversion

5a - Does the facility have a drug diversion prevention program?

- Yes
- No
- Unsure

5b - What is included in the drug diversion prevention program?

- Consultation with the IPC program when drug tampering is suspected or identified to assess patients safety risks
- Standard definition of 'significant loss' of controlled substances
- Data tracking and audit of injectable narcotic consumption
- Anonymous internal reporting structure to report impaired healthcare personnel
- Utilization of electronic medication dispensing systems throughout the organization
- Secure storage of controlled substances such as locked rooms, carts, or fridges
- Medication management system for controlled delivery of medications from point of ordering to time of administration or destruction
- Keys for access to controlled substances are accounted for at all times
- Systems for unique identifiers to track every transaction to a specific user
- Formalized investigation protocol if diversion event occurs
- None of the above
- Other

Education & Training

6a - Does the facility have a competency-based training program for injection safety?

- Yes

- No
- Unsure

6b - Who receives training and education for injection safety?

- Clinical healthcare personnel
- Ancillary Services
- Students & Trainees
- None
- Other

6c - What is included in injection safety training and education?

- Preparation of parenteral medications outside of the pharmacy
- Administration of parenteral medications
- Use of single-use medications and devices
- Aseptic technique
- Decontamination of vial hub
- Multi-dose medications/vials
- Spinal injection procedures
- Drug diversion
- Substance abuse
- Safety devices
- None of the above
- Other

6d - What frequency is injection safety training and education provided?

- Upon hire
- Annually
- When new equipment and protocols are introduced
- As remediation for compliance failure
- Targeted improvement efforts
- None

6e - Are personnel required to demonstrate competency upon training completion?

- Yes
- No
- Unsure

6f - Does the facility maintain documentation for injection safety training and education?

- Yes
- No
- Unsure

Audit & Feedback

7a - Does the facility audit adherence to safe injection practices?

- Yes
- No
- Unsure

7b - How are safe injection audits performed?

- Overt observation
- Secret shopper
- Injury reports
- Incident reporting
- Staff questionnaire
- None of the above
- Other

7c - Does the facility have a target number of observations as a safe injection goal?

- Yes
- No
- Unsure

8a - Does the facility provide feedback from the audits to healthcare personnel?

- Yes
- No
- Unsure

8b - Do auditor(s) provide immediate real-time feedback to healthcare personnel in the moment?

- Yes
- No
- Unsure

Answer Key

Policy & Procedure

1a - Does the facility have policies and standard operating procedures addressing safe injection practices?

Yes - Preferred

No

1b - What is included in the safe injection policy and SOPs? **(Select all preferred options)**

Medication Preparation - **Preferred**

Medication Safety - **Preferred**

Single-use devices - **Preferred**

Single-use needles - **Preferred**

Single-use tubing - **Preferred**

Single-use medications/vials use - **Preferred**

Multi-use medications/vials use - **Preferred**

Multi-use medications/vials storage - **Preferred**

Sharps handling at point of use - **Preferred**

Safe use of sharps containers - **Preferred**

Insulin pens - **Preferred**

Blood collection devices - **Preferred**

None of the above

Safe Device and Injury Prevention Program

2a - Does the facility have a committee or other organizational program to evaluate device safety?

Yes - Preferred

No

2b - How often does the facility review or evaluate devices for safer options? **(Select all preferred options)**

Annually - **Preferred**

Routinely, when new products are introduced to the organization. - **Preferred**

By provider/ personnel request - **Preferred**

After healthcare personnel injury - **Preferred**

Never

3a - Does the facility have a sharps injury prevention program?

Yes - Preferred

No

3b - What is included in the sharps injury prevention program? **(Select all preferred options)**

Data collection of employee sharps injuries - **Preferred**

Analysis of sharps injury data for prevention planning and performance improvement - **Preferred**

Additional training and education for healthcare personnel after a sharps injury occurrence - **Preferred**

- Implementation of mitigation strategies and action plans after trends in injuries are identified - **Preferred**
- Bloodborne pathogen training and education for all staff - **Preferred**
- Sharps injury prevention training and education for all staff - **Preferred**
- Collaboration with device procurement team for product evaluation - **Preferred**
- None
- Other

3c - Is the Infection Preventionist a member of the sharps injury prevention program?

- Yes - Preferred**
- No
- Unsure

4 - Is employee sharps injury data provided to facility leadership?

- Yes - Preferred**
- No
- Unsure

Drug diversion

5a - Does the facility have a drug diversion prevention program?

- Yes - Preferred**
- No
- Unsure

5b - What is included in the drug diversion prevention program? (**Select all preferred options**)

- Consultation with the IPC program when drug tampering is suspected or identified to assess patients safety risks - **Preferred**
- Standard definition of 'significant loss' of controlled substances - **Preferred**
- Data tracking and audit of injectable narcotic consumption - **Preferred**
- Anonymous internal reporting structure to report impaired healthcare personnel - **Preferred**
- Utilization of electronic medication dispensing systems throughout the organization - **Preferred**
- Secure storage of controlled substances such as locked rooms, carts, or fridges. - **Preferred**
- Medication management system for controlled delivery of medications from point of ordering to time of administration or destruction - **Preferred**
- Keys for access to controlled substances are accounted for at all times - **Preferred**
- Systems for unique identifiers to track every transaction to a specific user - **Preferred**
- Formalized investigation protocol if diversion event occurs - **Preferred**
- None of the above

Education & Training

6a - Does the facility have a competency-based training program for injection safety?

- Yes - Preferred**
- No
- Unsure

6b - Who receives training and education for injection safety? **(Select all preferred options)**

- Clinical healthcare personnel - **Preferred**
- Ancillary Services - **Preferred**
- Students & Trainees - **Preferred**
- None
- Other

6c - What is included in injection safety training and education? **(Select all preferred options)**

- Preparation of parenteral medications outside of the pharmacy - **Preferred**
- Administration of parenteral medications - **Preferred**
- Use of single-use medications and devices - **Preferred**
- Aseptic technique - **Preferred**
- Decontamination of vial hub - **Preferred**
- Multi-dose medications/vials - **Preferred**
- Spinal injection procedures - **Preferred**
- Drug diversion - **Preferred**
- Substance abuse - **Preferred**
- Safety devices - **Preferred**
- None of the above
- Other

6d - What frequency is injection safety training and education provided? **(Select all preferred options)**

- Upon hire - **Preferred**
- Annually - **Preferred**
- When new equipment and protocols are introduced - **Preferred**
- As remediation for compliance failure - **Preferred**
- Targeted improvement efforts - **Preferred**
- None

6e - Are personnel required to demonstrate competency upon training completion?

- Yes - Preferred**
- No
- Unsure

6f - Does the facility maintain documentation for injection safety training and education?

- Yes - Preferred**
- No
- Unsure

Audit & Feedback

7a - Does the facility audit adherence to safe injection practices?

- Yes - Preferred**
- No
- Unsure

7b - How are safe injection audits performed? **(Select all preferred options)**

- Overt observation - **Preferred**
- Secret shopper - **Preferred Optional**
- Injury reports - **Preferred**
- Incident reporting - **Preferred**
- Staff questionnaire - **Preferred Optional**
- None of the above
- Other

7c - Does the facility have a target number of observations as a safe injection goal?

- Yes - Preferred**
- No
- Unsure

8a - Does the facility provide feedback from the audits to healthcare personnel?

- Yes - Preferred**
- No
- Unsure

8b - Do auditor(s) provide immediate real-time feedback to healthcare personnel in the moment?

- Yes - Preferred**
- No
- Unsure

Guidance

Policy & Procedure

Core Element Description: Assessment of policies and procedures related to injection practices within the facility.

Free Access: Guidelines

Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the Healthcare Infection Control Practices Advisory Committee. (2024, September). 2007 Guideline for Isolation Precautions: Preventing Transmission of Infectious Agents in Healthcare Settings. https://www.cdc.gov/infection-control/media/pdfs/guideline-isolation-h.pdf?CDC_AAref_Val=https://www.cdc.gov/infectioncontrol/pdf/guidelines/isolation-guidelines-H.pdf

Safe Device and Injury Prevention Program

Core Element Description: Assessment of the Safe Device and Injury Prevention Programs.

Free Access: Resources

Centers for Disease Control and Prevention. (2008). Workbook for designing, implementing, and evaluating a sharps injury prevention program. <https://www.cdc.gov/infection-control/media/pdfs/Sharps-Safety-Workbook-2008-P.pdf>

Occupational Safety and Health Administration. (2021). Healthcare-wide hazards: Needlestick/sharps injuries. <https://www.osha.gov/etools/hospitals/patient-care-unit/needlestick-sharps-injuries>

Drug diversion

Core Element Description: Assessment of the Drug Diversion Program and interventions at the facility.

Free Access: Resources

Council of State and Territorial Epidemiologists. (2019). Healthcare-associated infections (HAI) drug diversion planning and response toolkit for state and local health departments. https://cdn.ymaws.com/www.cste.org/resource/resmgr/pdfs/pdfs2/Drug_Diversion_Toolkit_LiveL.pdf

Education & Training

Core Element Description: Assessment of the education and training of healthcare personnel regarding injection safety practices

No Guidance Available - *Intentionally left blank*

Audit & Feedback

Core Element Description: Assessment of audit and feedback practices regarding injection safety.

Free Access: Guidelines

Centers for Disease Control and Prevention. (2002). Guideline for Hand Hygiene in Health-Care Settings: Recommendations of the Healthcare Infection Control Practices Advisory Committee and the HICPAC/SHEA/APIC/IDSA Hand Hygiene Task Force. MMWR 2002; 51.

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

Free Access: Resources

Washer, L., Gilmartin, H.M., Olmstead, R., & Centers for Disease Control and Prevention. (n.d.). Hand Hygiene: Education, Monitoring and Feedback.

<https://www.cdc.gov/infection-control/media/pdfs/Strive-HH102-508.pdf>

Additional Guidance

Free Access: Regulatory

Occupational Safety and Health Administration. (2001). OSHA instruction: Enforcement procedures for the occupational exposure to bloodborne pathogens.

https://www.osha.gov/sites/default/files/enforcement/directives/CPL_02-02-069.pdf

Occupational Safety and Health Administration. (2001). Recording and reporting occupational injuries and illness: Recording criteria for needlestick and sharps injuries.

<https://www.osha.gov/laws-regs/regulations/standardnumber/1904/1904.8>

Free Access: Guidelines

Centers for Disease Control and Prevention. (2024, August 7). Considerations for Blood Glucose Monitoring and Insulin Administration. <https://www.cdc.gov/injection-safety/hcp/infection-control/index.html>

Centers for Disease Control and Prevention. (2024, April 12). Safe injection practices to prevent transmission of infections to patients. https://www.cdc.gov/injection-safety/hcp/clinical-guidance/?CDC_AAref_Val=https://www.cdc.gov/injectionsafety/ip07_standardprecaution.html

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

<https://www.cdc.gov/infection-control/hcp/isolation-precautions/index.html>

Free Access: Resources

Association for Professionals in Infection Control and Epidemiology. (2016). APIC position paper: Safe injection, infusion, and medication vial practices in health care.

https://apic.org/Resource_/TinyMceFileManager/Position_Statements/2016APICSIP_PositionPaper.pdf

Centers for Disease Control and Prevention, The National Institute for Occupational Safety and Health (NIOSH). (2016). NIOSH list of antineoplastic and other hazardous drugs in healthcare settings, 2016.

<https://archive.cdc.gov/#/details?q=https://www.cdc.gov/niosh/docs/2016-161/default.html&start=0&rows=10&url=https://www.cdc.gov/niosh/docs/2016->

[161/default.html](#)

Centers for Disease Control and Prevention. (2008). Workbook for designing, implementing, and evaluating sharps injury prevention program.

<https://www.cdc.gov/infection-control/media/pdfs/Sharps-Safety-Workbook-2008-P.pdf>

Centers for Disease Control and Prevention. (2024, February 7). One and only campaign.

<https://www.cdc.gov/injection-safety/hcp/resources/index.html>

Centers for Disease Control and Prevention. (2021). Quick observation tools (QUOTs) for infection prevention.

<https://www.cdc.gov/infection-control/media/pdfs/All-Quick-Observation-Tools-P.pdf>

Centers for Disease Control and Prevention. (n.d). Quick observation tools (QUOTs) for infection prevention. Injection Safety.

<https://www.cdc.gov/infection-control/media/pdfs/Medication-Areas-Suite-P.pdf>

Purchase Required: Standards

United States Pharmacopeia. (n.d.). USP compounding compendium.

<https://www.usp.org/products/usp-compounding-compendium>

Purchase Required: Resources

Bisht, A., Archer, J., & Gamage, B. (2024, March 6). Ambulatory Care. In Boston

K.M., et al, eds. APIC Text. <https://text.apic.org/toc/infection-prevention-for-practice-settings-and-service-specific-patient-care-areas/ambulatory-care>