

Healthcare-Associated Pneumonia

This domain performs a comprehensive assessment of non-ventilator HAP prevention practices at your facility as it currently functions.

Policy & Procedure

1 - Does the facility have policies and standard operating procedures for healthcare-associated pneumonia prevention?

- Yes
- No
- Unsure

2 - What is included in the facility's policies and procedures related to HAP prevention?

- Incentive spirometry protocols
- Oropharyngeal cleaning and decontamination protocols (oral care)
- Vaccination Review (Influenza, COVID, Pneumococcal vaccination, etc.)
- Respiratory Therapy (RT) equipment maintenance
- RT equipment administration and use
- RT equipment disinfection and sterilization
- Tracheostomy care (non-ventilated)
- Respiratory Tract Suctioning protocol
- Non-invasive ventilation oxygenation protocols
- Respiratory tract specimen collection procedure
- Aspiration precautions
- Postoperative pneumonia prevention protocols
- Early mobility protocols
- None of the above

Hospital-associated Pneumonia Prevention Program (Non-Ventilator-associated/PNEU)

3a - Does your facility perform hospital-associated pneumonia (PNEU) surveillance?

- Yes
- No

3b - Do you report PNEU to the National Healthcare Safety Network (NHSN) or other hospital quality data organizations?

- Yes
- No

4 - Does the facility have an individual or multidisciplinary team monitoring non-ventilator healthcare-associated pneumonia performance?

- Yes
- No
- Unsure

5a - Does the facility utilize non-ventilator healthcare-associated pneumonia (HAP) prevention practices or interventions?

- Yes
- No
- Unsure

5b - What is included in HAP prevention practices and interventions for at-risk, non-ventilated patients? (Select all that apply)

- Incentive spirometry
- Early mobility
- Aspiration precautions
- Swallow evaluation prior to feeding if applicable
- Sedation restriction
- Elevated head of bed (HOB)
- Oral care protocol
- Feeding tube care if applicable
- Consult protocol to Physical, Occupational, or Speech Therapy if applicable
- Vaccination Review (Influenza, COVID, Pneumococcal vaccination, etc.)
- Other

6 - Does the facility have a non-ventilator healthcare-associated pneumonia prevention goal?

- Yes
- No
- Unsure

Education & Training

7a - Does the facility have a competency-based training program for HAP prevention?

- Yes
- No
- Unsure

7b - Who receives HAP prevention training?

- Clinical healthcare personnel
- Ancillary Services
- Non-clinical healthcare personnel
- Clinical Support
- Students & Trainees
- Volunteers
- None
- Other

7c - What frequency is HAP prevention training and education provided?

- Upon hire
- Annually
- When new equipment or protocols are introduced
- As remediation for compliance failures
- Targeted performance improvement
- None

7d - What is included in HAP prevention training and education?

- Head of bed elevation
- Oral hygiene protocols
- Sedation management
- Incentive spirometry
- RT equipment maintenance
- RT equipment cleaning and disinfection protocols
- Oxygenation protocols
- Specimen collection
- Other

7e - Are healthcare personnel required to demonstrate competency of the task/skill following each training?

- Yes
- No
- Unsure

7f - Does the facility maintain documentation for the completion of HAP prevention competency for healthcare personnel?

- Yes
- No
- Unsure

8 - Do those who reprocess respiratory therapy equipment, such as CPAP machines, receive specific education and training?

- Yes
- No
- Not applicable- contracted vendor provides RT care and performs reprocessing of RT equipment

Audit & Feedback

9a - Does the facility audit adherence to recommended pneumonia prevention practices?

- Yes
- No
- Unsure

9b - How are these audits performed?

- Direct observation
- Chart review
- Other

9c - Do auditor(s) provide immediate real-time feedback to healthcare personnel in the moment?

- Yes
- No
- Unsure

10 - Does the facility utilize pneumonia data to impact performance improvement?

- Yes
- No
- Unsure

11 - Which HAP surveillance data do frontline healthcare personnel receive?

- Incentive spirometry documentation compliance
- Antibiotic usage data
- None
- Other purposes and/or is intended to guide users through a specific pathway of questions.

Answer Key

Policy & Procedure

1 - Does the facility have policies and standard operating procedures for healthcare-associated pneumonia prevention?

Yes - Preferred

No

Unsure

2 - What is included in the facility's policies and procedures related to HAP prevention? (**Select all preferred options**)

Incentive spirometry protocols - **Preferred**

Oropharyngeal cleaning and decontamination protocols (oral care) - **Preferred**

Vaccination Review (Influenza, COVID, Pneumococcal vaccination, etc.) - **Preferred**

Respiratory Therapy (RT) equipment maintenance - **Preferred**

RT equipment administration and use - **Preferred**

RT equipment disinfection and sterilization - **Preferred**

Tracheostomy care (non-ventilated) - **Preferred**

Respiratory Tract Suctioning protocol - **Preferred**

Non-invasive ventilation oxygenation protocols - **Preferred**

Respiratory tract specimen collection procedure - **Preferred**

Aspiration precautions - **Preferred**

Postoperative pneumonia prevention protocols - **Preferred Optional**

Early mobility protocols - **Preferred Optional**

None of the above

Hospital-associated Pneumonia Prevention Program (Non-Ventilator-associated/PNEU)

3a - Does your facility perform hospital-associated pneumonia (PNEU) surveillance? (**Not Scored – Informational Only**)

Yes

No

3b - Do you report PNEU to the National Healthcare Safety Network (NHSN) or other hospital quality data organizations? (**Not Scored – Informational Only**)

Yes

No

4 - Does the facility have an individual or multidisciplinary team monitoring non-ventilator healthcare-associated pneumonia performance?

Yes - Preferred

No

5a - Does the facility utilize non-ventilator healthcare-associated pneumonia (HAP) prevention practices or interventions?

Yes - Preferred

No

Unsure

5b - What is included in HAP prevention practices and interventions for at-risk, non-ventilated patients? **(Select all preferred options)**

- Incentive spirometry - **Preferred**
- Early mobility - **Preferred**
- Aspiration precautions - **Preferred**
- Swallow evaluation prior to feeding if applicable - **Preferred Optional**
- Sedation restriction - **Preferred**
- Elevated head of bed (HOB) - **Preferred**
- Oral care protocol - **Preferred**
- Feeding tube care if applicable - **Preferred Optional**
- Consult protocol to Physical, Occupational, or Speech Therapy if applicable - **Preferred**
- Vaccination Review (Influenza, COVID, Pneumococcal vaccination, etc.) - **Preferred**
- Other

6 - Does the facility have a non-ventilator healthcare-associated pneumonia prevention goal?

- Yes - Preferred**
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Education & Training

7a - Does the facility have a competency-based training program for HAP prevention?

- Yes - Preferred**
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- Unsure

7b - Who receives HAP prevention training? **(Select all preferred options)**

- Clinical healthcare personnel - **Preferred**
- Ancillary Services - **Preferred Optional**
- Non-clinical healthcare personnel - **Preferred Optional**
- Clinical Support - **Preferred Optional**
- Students & Trainees - **Preferred Optional**
- Volunteers - **Preferred Optional**
- None
- Other

7c - What frequency is HAP prevention training and education provided? **(Select all preferred options)**

- Upon hire - **Preferred**
- Annually - **Preferred**
- When new equipment or protocols are introduced - **Preferred**
- As remediation for compliance failures - **Preferred**
- Targeted performance improvement - **Preferred**
- None

7d - What is included in HAP prevention training and education? **(Select all preferred options)**

- Head of bed elevation - **Preferred**
- Oral hygiene protocols - **Preferred**
- Sedation management - **Preferred**

- Incentive spirometry - **Preferred**
- RT equipment maintenance - **Preferred**
- RT equipment cleaning and disinfection protocols - **Preferred**
- Oxygenation protocols - **Preferred**
- Specimen collection - **Preferred**
- Other

7e - Are healthcare personnel required to demonstrate competency of the task/skill following each training?

- Yes - Preferred**
- No
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7f - Does the facility maintain documentation for the completion of HAP prevention competency for healthcare personnel?

- Yes - Preferred**
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9b - How are these audits performed? (**Select at least one preferred option**)

- Direct observation - **Preferred**
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- Other

9c - Do auditor(s) provide immediate real-time feedback to healthcare personnel in the moment?

- Yes - Preferred**
- No
- Unsure

10 - Does the facility utilize pneumonia data to impact performance improvement?

- Yes - Preferred**
- No
- Unsure

11 - Which HAP surveillance data do frontline healthcare personnel receive? (**Select at least one preferred option**)

Incentive spirometry documentation compliance - **Preferred**

Antibiotic usage data - **Preferred**

None

Other purposes and/or is intended to guide users through a specific pathway of questions.

Guidance

Policy & Procedure

Core Element Description: Assessment of policy and procedures related to non-ventilator hospital-associated pneumonia prevention practice within the facility.

Free Access: Guidelines

American Thoracic Society. (2004). Guidelines for the Management of Adults with Hospital-acquired, Ventilator-associated, and Healthcare-associated Pneumonia.

<https://www.thoracic.org/statements/resources/mtpi/guide1-29.pdf>

Tablan, O.C., Anderson, L.J., Besser, R., Bridges, C., Hajjeh, R., and the Healthcare Infection Control Practices Advisory Committee. Guidelines for preventing healthcare-associated pneumonia, 2003. <https://www.cdc.gov/mmwr/preview/mmwrhtml/rr5303a1.htm>

Hospital-associated Pneumonia Prevention Program (Non-Ventilator-associated/PNEU)

Core Element Description: Assessment of non-ventilator hospital-associated pneumonia prevention practices within the facility.

Free Access: Guidelines

Tablan, O.C., Anderson, L.J., Besser, R., Bridges, C., Hajjeh, R., and the Healthcare Infection Control Practices Advisory Committee. Guidelines for preventing healthcare-associated pneumonia, 2003. <https://www.cdc.gov/mmwr/preview/mmwrhtml/rr5303a1.htm>

Education & Training

Core Element Description: Assessment of education and training of healthcare personnel to appropriately perform non-ventilator hospital-associated pneumonia prevention practices as it relates to their job role.

Free Access: Resources

Centers for Disease Control and Prevention. (2024). Infection Control Assessment and Response (ICAR) Tool for General Infection Prevention and Control (IPC) Across Settings.

https://www.cdc.gov/healthcare-associated-infections/php/toolkit/icar.html?CDC_AAref_Val=https://www.cdc.gov/hai/prevent/infection-control-assessment-tools.html

Audit & Feedback

Core Element Description: Assessment of non-ventilator hospital-associated pneumonia prevention practices at the facility.

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: Guidelines**

Healthcare Infection Control Practices Advisory Committee. (2024, April 12). CDC's Core Infection Prevention and Control Practices for Safe Healthcare Delivery in All Settings. <https://www.cdc.gov/hicpac/pdf/core-practices.pdf>

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

Free Access: Resources

Centers for Disease Control and Prevention. (2021, December 21). 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. (2024, January 22). Ventilator-associated pneumonia basics. https://www.cdc.gov/ventilator-associated-pneumonia/about/?CDC_AAref_Val=https%3A//www.cdc.gov/hai/vap/vap.html