

CDC/NHSN Patient Safety Component Manual

Summary of Updates, January 2023

Below is a summary of significant modifications for the NHSN Patient Safety Component Manual, which will go into effect January 1, 2023.

Chapter 1: NHSN Overview

No significant changes

Chapter 2: Identifying HAIs in NHSN

Addition: None

Clarification: Updates were made to the examples and tables provided in Chapter 2. The information remains the same, but this is an effort to simplify the tables.

Deletion: Removed the note under Table 1 referencing the time periods for endocarditis. The extended timeframes are explained later in the chapter as well as chapter 4 (secondary BSI section) and chapter 17 (see the ENDO definition).

Chapter 3: Monthly Reporting Plan

No significant changes

Chapter 4: Bloodstream Infection

Addition: None

Clarification: Clarification provided on blood specimen collection techniques. This is an effort to further explain the phrase “separate occasions” for the purposes of NHSN surveillance.

Clarification: Clarification provided associating a port to BSI and/or CLABSI event using “Patient B” as an example and the port is removed.

Deletion: Removed Appendix A which provided a partial list of MBI organisms. A complete list of organisms eligible for use to meet the mucosal barrier injury (MBI) laboratory confirmed bloodstream infection (LCBI) definition are found under the MBI Organisms tab of the NHSN All Organisms list.

Chapter 5: Central Line Insertion Practices (CLIP)

No significant changes

Chapter 6: Pneumonia

Addition: None

Clarification:

1. Figures 1 and 2 updated to be more readable. Information remains the same.
2. Footnote #1 updated to further clarify guidance for imaging interpretation.

Deletion: None

Chapter 7: Urinary Tract Infection

Addition: None

Clarification: Change all references for 'Foley' to IUC for consistency purposes

Deletion: None

Chapter 9: Surgical Site Infection (SSI) Event

Addition: Appendix B added to provide clarity and support for Denominator Reporting Instruction #6

Clarification:

- Clarification provided to SSI event detail 'Surveillance Period for SSI' regarding return visits to the OR and non-NHSN operative procedures
- Deep Incisional SSI criterion 'b' restructured for improved flow of information
- General Organ/Space SSI criterion 'c' has been updated to clarify imaging that is definitive or equivocal for infection is sufficient to meet this criterion

Deletion: None

Chapter 10: Ventilator- Associated Event (VAE)

Addition: Molnupiravir and nirmatrelvir added to Appendix. List of Antimicrobial Agents Eligible for IVAC, PVAP

Clarification: None

Deletion: None

Chapter 11: Pediatric Ventilator-Associated Event (PedVAE)

Addition: Molnupiravir and nirmatrelvir added to Appendix. List of Eligible Antimicrobial Agents

Clarification: Definitions section of the chapter was restructured for improved flow of information, including moving inclusion and exclusion criteria to their own section. No significant changes were made to the content.

Deletion: None

Chapter 12: MDRO & CDI

No significant changes

Chapter 14: Antimicrobial Use and Resistance

Addition:

- For AU Option:
 - The Targeted Assessment for Antimicrobial Stewardship (TAS) section was added.
- For AR Option:
 - Added sections for the Standardized Resistant Infection Ratio (SRIR), Pathogen-specific Standardized Infection Ratio (pSIR) and new rate reports for incidence and prevalence.
 - Added new phenotypes to reflect additions for the SRIR models.
 - Added a new appendix to list the SRIRs and pSIRs.
 - Added the requirement for vendors to complete the AR Option Synthetic Data Set validation by May 2023.

Clarification:

- For AU Option:
 - Clarified the NHSN facility types that are eligible for reporting.
 - Changed the wording from “Step down neonatal nursery” to “Special care nursery” to reflect update in NHSN Location name.
- For AR Option:
 - Clarified the NHSN facility types that are eligible for reporting.
 - Facilities and vendors should use AR Option Pathogen Roll-up workbook to first apply the pathogen roll-ups prior to applying subsequent reporting rules.
 - Added language to clarify selecting the isolate to be reported in the case of same day duplicates. Including an update to Figure 3.
 - Added detail for the admission status and admission date/encounter date fields.
 - Added detail for the definition of both admission and encounter counts.

Deletion:

- For AU Option: None
- For AR Option: None

Chapter 15: Locations

Addition: Two Overflow locations were added mid-year 2022, remain available for 2023.

Clarification: Additional language provided to clarify patient mix and acuity levels considered for mapping locations within NHSN.

Deletion: None

Chapter 16: Key Terms

Addition: Key term for Calendar Day.

Clarification: Examples of definitive imaging and equivocal imaging included in the Equivocal Imaging key term.

Addition: Examples added to Gross anatomical exam key term.

Chapter 17: Surveillance Definitions

Addition: None

Clarification:

Following notes added to the ENDO criteria to clarify that one condition for each element below may be used to cite an ENDO 5, 6 or 7.

- Note added to ENDO 5: “(Note: Meaning one element from i, ii, iii, or iv and only one condition within each element can be used.)”
- Note added to ENDO 6 and 7: “(Note: Meaning one element from a, b, c, d, or e and only one condition within each element can be used.)”

Deletion: None