

APIC Surveillance SIG Surveillance Questions March 2021

In the following scenarios, use the Infection Window Period (IWP), Date of Event (DOE), Repeat Infection Timeframe (RIT), and Secondary BSI Attribution Period (SBAP) to determine what type of HAI criteria are met.

Scenario #1

2/8 73-year-old female admitted to med/surg; Urine culture VRE >100,000 CFU
2/9 Temp 101
2/10 Foley inserted
2/11 Temp 100.4
2/12 Foley removed 08:00; Temp 99; Patient complains of frequent urination 10:00
2/13 Temp 100.3; Urine culture MRSA >100,000 CFU
2/14 Temp 100.6; Foley reinserted

Does the patient have a CAUTI?

What NHSN criteria is met (example LCBI 3, SIP b, IAB 3b)?

IWP?

DOE?

RIT?

Secondary BSI Attribution Period?

Scenario #2

1/20 69-year-old Male admitted to med-surg; COVID PCR +
2/10 Transfer to ICU
2/12 PICC line placed
2/17 ICU Physician Note "hypotension today;" CXR- stable diffuse ground-glass opacities
2/18 CXR-residual patchy airspace opacities
2/19 Temp 100.9; Tachypnea/Respiratory Rate 27;
15,000 WBC/mm³;
2/20 #1 Blood Culture report: Right Antecubital blood draw Staphylococcus epidermidis;
#2 Blood Culture report: Line Draw Staphylococcus epidermidis
2/25 PICC removed

Does the patient have a CLABSI?

What NHSN criteria is met (example SUTI 1b, SIP b, IAB 3b)?

IWP?

DOE?

RIT?

Secondary BSI Attribution Period?

- Infection Window Period (IWP) (first positive diagnostic test, 3 days before and 3 days after)
- Date of Event (DOE) (date the first element occurs for the first time within the infection window period)
- Repeat Infection Timeframe (RIT) (14 day timeframe where date of event = day 1)
- Secondary BSI Attribution Period (SBAP) (IWP + RIT)
- Worksheet Generator: <https://nhsn.cdc.gov/nhsntraining/calculator/workgen.html>