

APIC Surveillance SIG Surveillance Questions February 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

7/31 53 year old male admitted to med/surg and central line placed
8/2 foley inserted
8/3 temp 100.7
8/4 urine culture S.epidermidis >100,000
8/5 blood culture S.epidermidis
8/6 blood culture S.epidermidis

Does the patient have a CAUTI?

Does the patient have a CLABSI?

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

IWP?

DOE?

RIT?

Secondary BSI Attribution Period?

Scenario #2

7/13 admit to med/surg and PICC placed
7/17 cxr: Marked worsening in edema and development of pleural effusions
WBC 22.7
7/18 cxr: Diffuse interstitial and alveolar opacities in the lungs appear similar to prior
Progress note: ?aspiration versus pulm edema on CXR
WBC 20
7/19 WBC 23.8
7/20 cxr: Perihilar interstitial and alveolar changes appear very similar to the study of 7/18. This is consistent with pneumonia or ARDS
Progress note: Crackles
Progress note: worsening pulmonary edema
Progress note: Cxr consistent with pneumonia with probable bacteremia also. Empiric antibiotics Vancomycin and Zosyn and antifungal, Micafungin, have been started.
Blood culture: MRSA

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>