

APIC Surveillance SIG Surveillance Questions September 2017

In the following scenarios, use the Infection Window Period, Date of Event, and BSI Secondary Attribution Period to determine what type of HAI criteria are met.

Scenario #1

5/20 44 year old woman admitted to med/surg; Foley and central line inserted

5/21 Temp 99

5/22 Temp 100.1

5/23 Temp 100.4

5/24 Blood culture E.coli; Urine culture E.coli >100,000 and Candida albicans>100,000; Temp 100.3

5/25 Temp 99.8

5/26 Temp 99.1

5/27 Temp 98.6

5/28 Foley and central line removed; patient discharged

Does the patient have a CAUTI?

Does the patient have a CLABSI?

What would be reported to NHSN?

What is the infection window period, date of event, RIT, and if applicable the secondary BSI attribution period?

IWP?

DOE?

RIT?

Secondary BSI attribution time frame?

Scenario #2

4/4 54 year old male with colon cancer admitted from the OR to ICU after undergoing a colectomy. Patient arrives with a central line and is receiving pain medication through the line.

4/9 Patient has an increase in abdominal pain; Blood culture grows Candida albicans

4/10 Patient continues to complain of abdominal pain. CT of abdomen shows a rim-enhancing air and fluid collection along the anterior and lateral margins of the liver and extending inferiorly in the right paracolic gutter region. Patient goes to Interventional Radiology where a needle was advanced into the collection and pus was aspirated and sent for culture. Abdominal fluid culture grows Candida albicans.

Does the patient have a CLABSI?

What would be reported to NHSN?

What is the infection window period, date of event, RIT, and if applicable the secondary BSI attribution period?

IWP?

DOE?

RIT?

Secondary BSI attribution time frame?

- 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 (IWP + RIT)
- Worksheet Generator: <https://nhsn.cdc.gov/nhsntraining/calculator/workgen.html>