

## APIC Surveillance SIG Surveillance Questions September 2019

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

2/4 76 year old male admitted to med/surg with a nephrostomy tube  
2/5 foley inserted  
2/6 temp 100.4  
2/7 patient complains of pelvic discomfort  
2/8 urine is collected from the nephrostomy tube and the urine culture grows E.coli >100,000 and Candida albicans >100,000  
2/9 foley removed  
2/10 temp 100.5  
2/11 temp 101.1  
2/12 clean catch urine sample is collected, and the urine culture grows Pseudomonas aeruginosa >100,000 and E.faecalis >100,000

Does the patient have a CAUTI?  
What NHSN criteria is met (example LCBI 3, SIP b, IAB 3b)?  
What organisms would be reported?  
IWP?  
DOE?  
RIT?  
SBAP?

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### Scenario #2

2/27 54 year old female admitted to ICU  
  
2/28 COLO procedure  
  
3/10 CT: There is a fluid-filled collection within the left upper quadrant compatible with abscess.  
  
3/11 IR abscess drain placement left upper abdomen: purulent fluid removed  
3/11 abdominal fluid culture: VRE, E.coli  
3/11 central line inserted  
  
3/12 elevated transaminase level and jaundice  
  
3/13 progress note: Concern for ongoing abd infection. Currently on Daptomycin and Meropenem.  
3/13 CT: There is a drain terminating in the left lateral retroperitoneal space, where a moderate volume of complex free fluid and free air remains present. The volume is unchanged; sterility indeterminate.  
3/13 blood culture: Acinetobacter baumannii

- 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>

Does the patient have a CLABSI?

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

BSI IWP?

BSI DOE?

BSI RIT?

Does the patient have an SSI?

If this is an SSI, what is the deepest criteria met (superficial, deep, organ/space):

List all NHSN criteria met at this deepest level (example SUTI 1b, SIP b, BONE 3a):

SSI DOE?

SSI SBAP?

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