

APIC Surveillance SIG Surveillance Answers November 2021

In the following scenario, what type of HAI criteria are met?

- 10/10 Patient presents with shortness of breath, diagnosed with pneumonia. Admitted to MICU.
- 10/15 PICC placed
- 10/17 Indwelling Urinary Catheter inserted
- 10/22 WBC 13.6, abdomen soft non tender. Positive urine culture with >100,000 colony forming units Staphylococcus aureus
- 10/23 WBC 12.9, abdomen soft non tender. Positive blood culture Staphylococcus aureus
- 10/25 Urinary catheter removed

Does the patient have a CAUTI? **Yes**

Does the patient have a CLABSI? **No**

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

Cath-associated ABUTI – IUC >2 days, UC >100k S. aureus, BC S. aureus.

Please complete the following for each definition that was met:

What is the Infection Window Period (IWP)? **10/19-10/25**

What is the Date of Event (DOE)? **10/22**

What is the Repeat Infection Timeframe (RIT)? **10/22-11/4**

What is the Secondary BSI Attribution Period? **10/19-11/4**

Admit date: 10/10/2021

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
10. - 10/19/2021		<input type="checkbox"/>			
11. - 10/20/2021		<input type="checkbox"/>			
12. - 10/21/2021		<input type="checkbox"/>			
13. - 10/22/2021	✓	✓ UC >100k Staph aureus	- HAI		
14. - 10/23/2021		<input type="checkbox"/> BC Staph aureus			
15. - 10/24/2021		<input type="checkbox"/>			
16. - 10/25/2021		<input type="checkbox"/>			
17. - 10/26/2021					
18. - 10/27/2021					
19. - 10/28/2021					
20. - 10/29/2021					
21. - 10/30/2021					
22. - 10/31/2021					
23. - 11/1/2021					
24. - 11/2/2021					
25. - 11/3/2021					
26. - 11/4/2021					

- 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>

Scenario 2:

In the following scenario, what type of HAI criteria are met?

9/28 Admit to MS floor with concern for foot infection

9/29 Left arm PICC placed

10/1 Hospitalist Progress Note: Rt foot pain, Painful to touch, especially hallux.

10/2 Temp- 101.4

10/3 MRI Foot “cortical bone loss of the phalangeal tuft of the first distal phalanx, compatible w/osteomyelitis.”

10/3 Blood Culture- Klebsiella pneumoniae

Does the patient have a CLABSI? No

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

BONE w/secondary BSI. BONE 3a- 10/1 rt foot pain, 10/2 fever, 10/3 BC Klebsiella pneumoniae, & 10/3 MRI Foot

Please complete the following for each definition that was met:

What is the Infection Window Period (IWP)? 9/30-10/6

What is the Date of Event (DOE)? 10/1

What is the Repeat Infection Timeframe (RIT)? 10/1-10/14

What is the Secondary BSI Attribution Period? 9/30-10/14

Admit date: 9/28/2021

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
3. - 9/30/2021		<input type="checkbox"/>	-		
4. - 10/1/2021		<input checked="" type="checkbox"/> Foot Pain	- HAI		
5. - 10/2/2021		<input checked="" type="checkbox"/> Temp 101.4	-		
6. - 10/3/2021	✓	<input checked="" type="checkbox"/> MRI-osteomyelitis; BC Klebsiella pneumoniae	-		
7. - 10/4/2021		<input type="checkbox"/>	-		
8. - 10/5/2021		<input type="checkbox"/>	-		
9. - 10/6/2021		<input type="checkbox"/>	-		
10. - 10/7/2021			-		
11. - 10/8/2021			-		
12. - 10/9/2021			-		
13. - 10/10/2021			-		
14. - 10/11/2021			-		
15. - 10/12/2021			-		
16. - 10/13/2021			-		
17. - 10/14/2021			-		

- 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>