

APIC Surveillance Answers May 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

- 3/2 Admit to ICU; urine culture K.pneumoniae 50,000-100,000
- 3/5 Foley inserted
- 3/6 Temp 100.9
- 3/7 Temp 100.5
- 3/8 Temp 100.4
- 3/9 Temp 100.5
- 3/10 Temp 101
- 3/11 Temp 100.7°F; urine culture K.pneumoniae >100,000 and Candida albicans >100,000
- 3/12 Temp 100.6

Does the patient have a CAUTI? Yes

What would be reported to NHSN? 3/9 CAUTI with K.pneumo (SUTI 1a)

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

IWP? 3/8-3/14

DOE? 3/9

RIT? 3/9-3/22

Secondary BSI attribution time frame? 3/8-3/22

Admit date: 3/2/2017

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
7. - 3/8/2017		<input type="checkbox"/>			
8. - 3/9/2017		<input checked="" type="checkbox"/> Temp 100.5	HAI		
9. - 3/10/2017		<input checked="" type="checkbox"/> Temp 101			
10. - 3/11/2017	✓	<input checked="" type="checkbox"/> urine culture: K.pneumo >100k; Temp 100.7			
11. - 3/12/2017		<input checked="" type="checkbox"/> Temp 100.6			
12. - 3/13/2017		<input type="checkbox"/>			
13. - 3/14/2017		<input type="checkbox"/>			
14. - 3/15/2017					
15. - 3/16/2017					
16. - 3/17/2017					
17. - 3/18/2017					
18. - 3/19/2017					
19. - 3/20/2017					
20. - 3/21/2017					
21. - 3/22/2017					

- 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>

Scenario #2

4/10 Admit to med/surg with temp of 100.6
 4/11 Temp 101.5
 4/12 PICC inserted; temp 100.8
 4/13 Temp 100.7
 4/14 Temp 100.6; blood culture E.coli and P.aeruginosa
 4/15 Temp 101.3

Does the patient have a CLABSI? Yes

What would be reported to NHSN? 4/14 CLABSI with E.coli & P.aeruginosa (LCBI 1)

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

IWP? 4/11-4/17

DOE? 4/14

RIT? 4/14-4/27

Secondary BSI attribution time frame? n/a

Admit date: 4/10/2017

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)
2. - 4/11/2017		<input type="checkbox"/>	-	
3. - 4/12/2017		<input type="checkbox"/>	-	
4. - 4/13/2017		<input type="checkbox"/>	-	
5. - 4/14/2017	✓	<input checked="" type="checkbox"/> Blood culture: E.coli & P.aeruginosa	- HAI	
6. - 4/15/2017		<input type="checkbox"/>	-	
7. - 4/16/2017		<input type="checkbox"/>	-	
8. - 4/17/2017		<input type="checkbox"/>	-	
9. - 4/18/2017			-	
10. - 4/19/2017			-	
11. - 4/20/2017			-	
12. - 4/21/2017			-	
13. - 4/22/2017			-	
14. - 4/23/2017			-	
15. - 4/24/2017			-	
16. - 4/25/2017			-	
17. - 4/26/2017			-	
18. - 4/27/2017			-	

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- 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>