

APIC Surveillance SIG Surveillance Answers April 2019

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

- 7/1 56 year old male admitted to med/surg; foley inserted
- 7/2 urine culture: E.cloacae >100,000
- 7/3 patient complains about the feeling of urgency
- 7/8 temp 100.4
- 7/9 urine culture E.cloacae >100,000
- 7/10 temp 100.6

Does the patient have a CAUTI? Yes

What would be reported to NHSN? 7/9 CAUTI with E.cloacae (SUTI 1a)

IWP? 7/6-7/12

DOE? 7/9

RIT? 7/9-7/22

SBAP? 7/6-7/22

Admit date: 7/1/2018

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
6. - 7/6/2018		<input type="checkbox"/>	-		
7. - 7/7/2018		<input type="checkbox"/>	-		
8. - 7/8/2018		<input type="checkbox"/>	-		
9. - 7/9/2018	✓	<input checked="" type="checkbox"/> urine culture: E.cloacae >100k	- HAI		
10. - 7/10/2018		<input checked="" type="checkbox"/> temp 100.6	-		
11. - 7/11/2018		<input type="checkbox"/>	-		
12. - 7/12/2018		<input type="checkbox"/>	-		
13. - 7/13/2018			-		
14. - 7/14/2018			-		
15. - 7/15/2018			-		
16. - 7/16/2018			-		
17. - 7/17/2018			-		
18. - 7/18/2018			-		
19. - 7/19/2018			-		
20. - 7/20/2018			-		
21. - 7/21/2018			-		
22. - 7/22/2018			-		

Scenario #2

7/3 47 year old female admitted to ICU; temp 100.9; foley and central line placed

7/4 urine culture: K.pneumoniae >100,000 and Candida albicans >100,000

7/11 blood culture: K.pneumoniae and Candida albicans

Does this patient have a CAUTI? No

Does the patient have a CLABSI? Yes

What would be reported to NHSN? (7/3 SUTI 1b with K.pneumoniae and a secondary BSI - not reportable - POA); 7/11 CLABSI with C.albicans (LCBI 1)

IWP? UTI 7/1-7/7; BSI 7/8-7/14

DOE? UTI 7/3; BSI 7/11

RIT? UTI 7/3-7/16; BSI 7/11-7/24

SBAP? UTI 7/1-7/16; BSI n/a

Admit date: 7/3/2018

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
7/1/2018		<input type="checkbox"/>			
7/2/2018		<input type="checkbox"/>			
1. - 7/3/2018 - Admit Date		<input checked="" type="checkbox"/> temp 100.9	- POA		
2. - 7/4/2018	✓	<input checked="" type="checkbox"/> urine culture: K.pneumo >100k			
3. - 7/5/2018		<input type="checkbox"/>			
4. - 7/6/2018		<input type="checkbox"/>			
5. - 7/7/2018		<input type="checkbox"/>			
6. - 7/8/2018					
7. - 7/9/2018					
8. - 7/10/2018					
9. - 7/11/2018					7/11 blood culture: K.pneumo]
10. - 7/12/2018					
11. - 7/13/2018					
12. - 7/14/2018					
13. - 7/15/2018					
14. - 7/16/2018					

Admit date: 7/3/2018

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)
6. - 7/8/2018		<input type="checkbox"/>		
7. - 7/9/2018		<input type="checkbox"/>		
8. - 7/10/2018		<input type="checkbox"/>		
9. - 7/11/2018	✓	<input checked="" type="checkbox"/> blood culture: C.albicans	- HAI	
10. - 7/12/2018		<input type="checkbox"/>		
11. - 7/13/2018		<input type="checkbox"/>		
12. - 7/14/2018		<input type="checkbox"/>		
13. - 7/15/2018				
14. - 7/16/2018				
15. - 7/17/2018				
16. - 7/18/2018				
17. - 7/19/2018				
18. - 7/20/2018				
19. - 7/21/2018				
20. - 7/22/2018				
21. - 7/23/2018				
22. - 7/24/2018				