

APIC Surveillance SIG Surveillance Answers May 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

7/12 34 year old female admitted to med/surg; foley inserted

7/14 foley removed

7/15 pain w/ urination

7/16 urine culture E.faecalis >100,000

7/17 progress note: patent says she does have intermittent dysuria even prior to admission. Unclear if patient has a true UTI or asymptomatic bacteriuria with dysuria related to psychosomatic issues or the dermatological rash in her groin. If dysuria present prior to admission given no fever and no leukocytosis - which does seem to be the case - I would certainly hesitate to call this a HAI as one would only expect the dysuria to occur after arrival.

Does the patient have a CAUTI? Yes

What would be reported to NHSN? 7/15 CAUTI with E.faecalis (SUTI 1a)

IWP? 7/13-7/19

DOE? 7/15

RIT? 7/15-7/28

SBAP? 7/13-7/28

Admit date: 7/12/2018

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
2. - 7/13/2018		<input type="checkbox"/>			
3. - 7/14/2018		<input type="checkbox"/>			
4. - 7/15/2018		<input checked="" type="checkbox"/> dysuria	- HAI		
5. - 7/16/2018	✓	<input checked="" type="checkbox"/> urine culture: E.faecalis >100k			
6. - 7/17/2018		<input type="checkbox"/>			
7. - 7/18/2018		<input type="checkbox"/>			
8. - 7/19/2018		<input type="checkbox"/>			
9. - 7/20/2018					
10. - 7/21/2018					
11. - 7/22/2018					
12. - 7/23/2018					
13. - 7/24/2018					
14. - 7/25/2018					
15. - 7/26/2018					
16. - 7/27/2018					
17. - 7/28/2018					

Scenario #2

7/19 56 year old male came to the ED; IJ non-tunneled dialysis catheter placed in ED; patient refused dialysis; patient transferred to ICU

7/20 patient consented to dialysis

7/21 blood culture: Staphylococcus aureus

8/2 blood culture: MRSA

Does the patient have a CLABSI? No

What location would this be attributed to? ICU

What would be reported to NHSN? Nothing, 7/21 LCBI 1 with MRSA

IWP? 7/18-7/24

DOE? 7/21

RIT? 7/21-8/3

SBAP? n/a

Admit date: 7/19/2018

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)
7/18/2018		<input type="checkbox"/>	-	
1. - 7/19/2018 - Admit Date		<input type="checkbox"/>	-	
2. - 7/20/2018		<input type="checkbox"/>	-	
3. - 7/21/2018	✓	<input checked="" type="checkbox"/> blood culture: S.aureus	- HAI	
4. - 7/22/2018		<input type="checkbox"/>	-	
5. - 7/23/2018		<input type="checkbox"/>	-	
6. - 7/24/2018		<input type="checkbox"/>	-	
7. - 7/25/2018			-	
8. - 7/26/2018			-	
9. - 7/27/2018			-	
10. - 7/28/2018			-	
11. - 7/29/2018			-	
12. - 7/30/2018			-	
13. - 7/31/2018			-	
14. - 8/1/2018			-	
15. - 8/2/2018			-	blood culture: MRSA
16. - 8/3/2018			-	