

APIC Surveillance SIG Surveillance Answers August 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

- 4/5 67 year old male admitted to ICU; Urine culture E.coli >100,000
- 4/6 Temp 100.5
- 4/7 Foley inserted
- 4/8 Temp 99
- 4/9 Temp 100.3; Patient complains of painful urination after the foley is removed
- 4/10 Temp 100.2; Urine culture K.pneumoniae >100,000
- 4/11 Temp 100.8; Foley reinserted

Does the patient have a CAUTI? Yes

What would be reported to NHSN? 4/9 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? 4/7-4/13

DOE? 4/9

RIT? 4/9-4/22

Secondary BSI attribution time frame? 4/7-4/22

Admit date: 4/5/2017

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
3. - 4/7/2017		<input type="checkbox"/>	-		
4. - 4/8/2017		<input type="checkbox"/>	-		
5. - 4/9/2017		<input checked="" type="checkbox"/> Dysuria	- HAI		
6. - 4/10/2017	✓	<input checked="" type="checkbox"/> Urine culture: K.pneumo >100k			
7. - 4/11/2017		<input checked="" type="checkbox"/> Temp 100.8			
8. - 4/12/2017		<input type="checkbox"/>			
9. - 4/13/2017		<input type="checkbox"/>			
10. - 4/14/2017					
11. - 4/15/2017					
12. - 4/16/2017					
13. - 4/17/2017					
14. - 4/18/2017					
15. - 4/19/2017					
16. - 4/20/2017					
17. - 4/21/2017					
18. - 4/22/2017					

Scenario #2

3/3 58 year old female admitted to med/surg; Chest x-ray infiltrate; PICC placed for IV antibiotics for pneumonia; Temp 101; WBC 24.5 K/uL; Blood culture MRSA

3/4 Chest x-rayworsening infiltrate; Respiratory assessment: crackles; Coughing up thick, cloudy sputum; Transferred to the ICU and placed on a vent

3/5 Blood culture Candida albicans; Chest x-ray infiltrate; Patient expires

Does the patient have a CLABSI? Yes

What would be reported to NHSN? 3/5 CLABSI with C.albicans (LCBI 1)

If reportable, which unit would it be attributed to? Med/surg

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

IWP? 3/2-3/8

DOE?3/5

RIT?3/5-3/18

Secondary BSI attribution time frame? N/A

POA PNU2 with secondary BSI with MRSA. Candida is not a PNA organism unless the patient is immunocompromised and there is a matching respiratory culture.

Admit date: 3/3/2017

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)	Secondary BSI Attribution Period (*)
3/1/2017		<input type="checkbox"/>	-		
3/2/2017		<input type="checkbox"/>	-		
1. - 3/3/2017 - Admit Date	✓	<input checked="" type="checkbox"/> cxr infiltrate; temp 101; WBC 24.5; Blood culture: MRSA	POA		
2. - 3/4/2017		<input checked="" type="checkbox"/> cxr worsening infiltrate; crackles; new cough; change in character of sputum; placed on vent	-		
3. - 3/5/2017		<input checked="" type="checkbox"/> cxr infiltrate	-		
4. - 3/6/2017		<input type="checkbox"/>	-		
5. - 3/7/2017			-		
6. - 3/8/2017			-		
7. - 3/9/2017			-		
8. - 3/10/2017			-		
9. - 3/11/2017			-		
10. - 3/12/2017			-		
11. - 3/13/2017			-		
12. - 3/14/2017			-		
13. - 3/15/2017			-		
14. - 3/16/2017			-		

Admit date: 3/3/2017

Hospital Day/Date	First Diagnostic Test	Infection Window Period (*)	Date of Event	Repeat Infection Timeframe (*)
3/2/2017		<input type="checkbox"/>	-	
1. - 3/3/2017 - Admit Date		<input type="checkbox"/>	-	
2. - 3/4/2017		<input type="checkbox"/>	-	
3. - 3/5/2017	✓	<input checked="" type="checkbox"/> Blood culture: C.alb	- HAI	
4. - 3/6/2017		<input type="checkbox"/>	-	
5. - 3/7/2017		<input type="checkbox"/>	-	
6. - 3/8/2017		<input type="checkbox"/>	-	
7. - 3/9/2017			-	
8. - 3/10/2017			-	
9. - 3/11/2017			-	
10. - 3/12/2017			-	
11. - 3/13/2017			-	
12. - 3/14/2017			-	
13. - 3/15/2017			-	
14. - 3/16/2017			-	
15. - 3/17/2017			-	
16. - 3/18/2017			-	