



هيئة الصحة العامة  
PUBLIC HEALTH AUTHORITY

## HAI Surveillance & Outbreak Validation CAUTI Validation Summary Report

Facility Validation Overview				
Facility Name:				
Facility Type:	Governmental (MOH) <input type="checkbox"/>	Private <input type="checkbox"/>		
Facility Selection Method (Reason)				
Date of Visit:				
Time of Visit:	Start Time:		End Time:	
Name of Validator				

Numerator Validation Number of CAUTIs MM/YY				
Elements reviewed for validation		<ul style="list-style-type: none"><li>Positive Urine culture line list &amp; Lab results</li><li>Specific medical records</li><li>Positive Blood culture result for ABUTI criteria</li></ul>		
Type of Event	Total # CAUTI/s reported via SEHA platform <i>(before validation)</i>	Number of CAUTI/s correctly Identified & reported via HESN-Plus	Missed, Undetected CAUTI/s that were meeting criteria	Over identification / wrong identification of CAUTI/s not matching criteria
CAUTI (AICUs)				
CAUTI (PICU)				
Grand Total				

NOTE: CAUTI Surveillance is **not** applicable to Neonatal Surveillance locations

Denominator Validation: Urinary Catheter (UC) days & Patient days				
Denominator data collection method (UC days & Patient days in Adult & Pediatric ICUs)		<input type="checkbox"/> Manual counting: <input type="checkbox"/> Daily <input type="checkbox"/> Electronic counting <input type="checkbox"/> Both manual and electronic counting		
Denominator Data Comparison MM/YY				
Surveillance Location	Manual Data		Electronic Data (Power BI)	
Adult ICU	Patient Days :		Patient Days :	
	Indwelling Urinary Catheter Days:		Indwelling Urinary Catheter Days:	
Pediatric ICU (PICU)	Patient Days :		Patient Days :	
	Indwelling Urinary Catheter Days:		Indwelling Urinary Catheter Days:	

## Conclusion:

Validation Outcome				
Numerator Validation	Numerator manual data matching with electronic platforms - No further action needed. All events correctly identified and reported.	Yes	Numerator manual data not matching with electronic platforms - Further action needed <b>CAUTI events were missed / unidentified.</b>	Yes
		<input type="checkbox"/> No		<input type="checkbox"/> No
		<input type="checkbox"/> N/A		<input type="checkbox"/> N/A
		<input type="checkbox"/>		<input type="checkbox"/>
Denominator Validation	Denominator manual data matching with electronic platforms (within +-5% Tolerance interval) No further action needed	Yes	Denominator manual data <b>NOT</b> matching with electronic platforms (> +-5% Tolerance interval) Further action needed	Yes
		<input type="checkbox"/> No		<input type="checkbox"/> No
		<input type="checkbox"/> N/A		<input type="checkbox"/> N/A
		<input type="checkbox"/>		<input type="checkbox"/>

Equation for calculating 5% tolerance interval is:

Manual Urinary Days count = 164  
 Electronic Urinary Catheter Days count = 178  
 Eligible 5% tolerance interval =  $[164 \pm (164 \times 5/100)] = 164 \pm 8.2$   
 5% tolerance interval = 155.8 to 172.2

**Conclusion: Electronic count 178 falls outside the tolerance interval.**

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