



هيئة الصحة العامة
PUBLIC HEALTH AUTHORITY

HAI Surveillance & Outbreak Validation CLABSI 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 CLABSI/s MM/YY				
Elements reviewed for validation		<ul style="list-style-type: none">Positive Blood Culture (PBC) line list & lab resultsSpecific clinical records		
Type of Event	Total # CLABSI/s reported via SEHA platform <i>(before validation)</i>	Number of CLABSI/s correctly Identified & reported via HESN-Plus	Missed, Undetected CLABSI/s that were meeting criteria.	Over identification / wrong identification of CLABSI/s not matching criteria
CLABSI (AICUs)				
CLABSI (PICU)				
CLABSI (NICU)				
Grand Total				

Denominator Validation: Central Line and Patient days for CLABSI				
Denominator data collection method (CL days & Patient days in all surveillance locations)		<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 :	
	Central Line Days:		Central Line Days:	
Neonatal ICU (NICU)	Patient Days :		Patient Days :	
	Central Line Days:		Central Line Days:	
Pediatric ICU (PICU)	Patient Days :		Patient Days :	
	Central Line Days:		Central Line Days:	

Conclusion:

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

Equation for calculating 5% tolerance interval is:

Manual Central Line Days count = 164
Electronic Central Line 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.