

HAI Surveillance & Outbreak Validation  
Dialysis Events 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 Dilaysis Eevnts (DEs) MM/YY		
Sampling information for numerator validation at this facility:		
Event	Elements reviewed for validation	Total # events facility reported to PHA Via Seha Platform in the same time frame (before validation)
DEs	<ul style="list-style-type: none"> <li>- Dialysis events line list</li> <li>- Positive Blood Culture line list</li> <li>- Specific medical records</li> </ul>	
Dialysis Event Validation Outcome:		
Event Determination	Validation: Yes - DE	Validation: No - Not DE
Dialysis Events (DE) Correctly detected & reported: Yes	<ul style="list-style-type: none"> <li>- IV Antimicrobial Start <input type="checkbox"/></li> <li>- Positive Blood Culture <input type="checkbox"/></li> <li>- Local Site Infection <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>- IV Antimicrobial Start <input type="checkbox"/></li> <li>- Positive Blood Culture <input type="checkbox"/></li> <li>- Local Site Infection <input type="checkbox"/></li> </ul>
Dialysis Events (DE) NOT detected : No	<ul style="list-style-type: none"> <li>- IV Antimicrobial Start <input type="checkbox"/></li> <li>- Positive Blood Culture <input type="checkbox"/></li> <li>- Local Site Infection <input type="checkbox"/></li> </ul>	<ul style="list-style-type: none"> <li>- IV Antimicrobial Start <input type="checkbox"/></li> <li>- Positive Blood Culture <input type="checkbox"/></li> <li>- Local Site Infection <input type="checkbox"/></li> </ul>

Denominator Validation: (Patient Months)				
Denominator data collection method (Registered dialysis patients on 1st 2 working days of month (Day1 & Day2) - includes transient patients)		<input type="checkbox"/> Manual counting: - (1st 2 working days of month) <input type="checkbox"/> Electronic counting - <input type="checkbox"/> Both manual and electronic counting		
Denominator Data Comparison Jan - March 2025				
	Manual Data		Electronic Data (Power BI)	
DE Surveillance	Number of registered Dialysis Patients <i>includes transient patients</i>		Number of registered Dialysis Patients <i>includes transient patients</i>	

## 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 <b>Dialysis events were missed / unidentified.</b>	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 <b>NOT</b> 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 count = 74

Electronic Count = 50

Eligible 5% tolerance interval =  $[74 \pm (74 \times 5/100)] = 74 \pm 3.7$

5% tolerance interval = 70.3 to 77.7

**Conclusion: Electronic count 50 falls outside the tolerance interval.**

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