



2013-2015 Validation Plan *(Proposed)*

HAI Advisory Committee Meeting
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Oakland



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HAI Data Validation

Can include assessments of

- the ability to follow standardized protocols
- the ability to apply case definitions
- the accuracy of reported data
- the completeness of reported data (surveillance, case-finding)

Objectives for Validation *(Proposed)*

1. Improve the quality and consistency of HAI data reported by California hospitals
2. Offer every hospital the opportunity to participate each calendar year
 - Improve data *within that reporting year*
 - Provide immediate one-on-one feedback and coaching
3. Indicate in the public report whether each hospital did/did not participate and did/did not demonstrate accurate and complete reporting

Findings from Past Validation Projects

Description of validation review sample	Positive blood cultures & positive <i>Cdiff</i> toxin tests 3 months of data, 2011 100 volunteer hospitals				Colon & abd hyst surgeries "flagged" by ICD-9 code 2 quarters of data, 2013 50 volunteer hospitals
	CLABSI	MRSA BSI	VRE BSI	CDI	SSI (<i>preliminary</i>)
Total reviewed	4099	1300	239	3000	1030
Sensitivity <i>-ability to find HAI</i>	62%	74%	73%	90%	50%
Specificity <i>-ability to determine not HAI</i>	99%	98%	96%	92%	99%
PPV <i>-ability to define HAI</i>	82%	97%	96%	97%	98%

3-Year Validation Plan (*Proposed*)

2013 data: Attest to reporting accurate and complete data

- e.g. reviewed all positive blood cultures, categorized patient wards and ICUs accurately, reported all positive *C diff* tests and MRSA/VRE bloods, reported all required surgeries, identified SSI using multiple methods, reviewed and corrected final QA/QC report

2014 data: Onsite reviews, focusing on case-finding

- All reportable infection types: CLABSI, MRSA, VRE, CDI, SSI

2015 data: Onsite reviews, focusing on SSI surveillance

- Review of complete process, including surgical procedure data