

HAB HIV Performance Measures: Oral Health Services

Performance Measure: Oral Health Services: Periodontal Screening or Examination	
Percentage of HIV-infected oral health patients ¹ who had a periodontal screen or examination ² at least once in the measurement year.	
Numerator:	Number of HIV-infected oral health patients who had a periodontal screen or examination ² at least once in the measurement year
Denominator:	Number of HIV-infected oral health patients that received a clinical oral evaluation ³ at least once in the measurement year.
Patient Exclusions:	<ol style="list-style-type: none"> 1. Patients who had only an evaluation or treatment for a dental emergency in the measurement year.⁴ 2. Edentulist patients (complete). 3. Patients who were <13 years.
Data Element:	<ol style="list-style-type: none"> 1. Is the patient HIV-infected? (Y/N) <ol style="list-style-type: none"> a. If yes, did the patient have a clinical oral evaluation³ at least once in the measurement year? (Y/N) <ol style="list-style-type: none"> i. If yes, did the patient have a periodontal screen or examination² at least once in the measurement year? (Y/N)
Data Sources:	<ul style="list-style-type: none"> • Data reports required by HRSA/HAB, such as the Ryan White HIV/AIDS Program Services Report (RSR), may provide useful data regarding the number of patients identified as receiving oral health services. • Electronic Health Record/Electronic Medical Record • Oral health services patient record data abstraction of a sample of records • Provider billing systems may be used; however, this will be dependent on the completeness and accuracy of coding of the procedures of interest.
National Goals, Targets, or Benchmarks for Comparison:	None available at this time.
Outcome Measures for Consideration:	<ul style="list-style-type: none"> • Rate of tooth loss due to periodontal disease in the practice population.
Basis for Selection:	
The American Academy of Periodontology “Parameter on Periodontitis Associated with Systemic Conditions” indicates that “some forms of periodontal disease may be more severe in individuals affected with immune system disorders. Patients infected with human immunodeficiency syndrome (HIV), may have especially severe forms of periodontal disease. The incidence of necrotizing periodontal diseases may increase with patients with acquired immunodeficiency syndrome (AIDS).” ⁵	

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US Public Health Service Guidelines:

None.

References/Notes:

¹ “Patient” includes all patients aged 13 years or older.

² A periodontal screen should include the assessment of medical and dental histories, the quantity and quality of attached gingival; bleeding; tooth mobility; and radiological review of the status of the periodontium and dental implants. “Appropriate screening procedures may be performed to determine the need for a comprehensive periodontal evaluation.” (Source: American Academy of Periodontology. Parameter on Comprehensive Periodontal Examination. J Periodontol 2000;71:847-848). A comprehensive periodontal examination (ADA CDT D0180) includes “the evaluation of periodontal conditions, probing and charting, evaluation and recording of the patient’s dental and medical history and general health assessment. It may include the evaluation and recording of dental caries, missing or unerupted teeth, restorations, occlusal relationships and oral cancer evaluation” (Source: American Dental Association. Current Dental Terminology: CDT 2009-2010.) The screening or examination may be performed and documented by either a licensed dentist or, where state regulations allow, by a dental hygienist, but the interpretation of data and diagnosis must be made by a licensed dentist.

³ Clinical oral evaluations include evaluation, diagnosis and treatment planning. Pertinent ADA CDT codes for patient inclusion in the denominator may include the following: D0120-Periodic Oral Evaluation-established patient; D0150-Comprehensive oral evaluation, new or established patient; D0160-Detailed and Extensive Oral Evaluation; D0170-Re-evaluation, limited, problem focused (established patient; not post-operative visit); and D0180-Comprehensive Periodontal Evaluation-new or established patient.

⁴ Pertinent ADA CDT codes for patient exclusion may include the following: D9110-Palliative (emergency) treatment of dental pain-minor procedure; and D0140-Limited Oral Evaluation-Problem Focused; however, the diagnostic and treatment procedures associated with emergency evaluation and treatment encounters (including those using these or other ADA CDT codes, as well as other procedures which may not be coded) should be considered when identifying patients for exclusion.

⁵ American Academy of Periodontology. Parameter on Periodontitis Associated with Systemic Conditions. J Periodontol 2000; 71:876-879.