

## FEATURES OF THE NBDHE AND THE DHLOSCE

The National Board Dental Hygiene Examination (**NBDHE**) and the Dental Hygiene Licensure Objective Structured Clinical Examination (**DHLOSCE**) serve important roles in evaluating the competencies of dental hygiene candidates. Understanding the differences between the two examinations can help state dental boards understand the importance of each examination and help candidates prepare effectively.

INFORMATION FOR STATE DENTAL BOARD MEMBERS AND DENTAL HYGIENE PROGRAM DIRECTORS

Criteria	NBDHE	DHLOSCE
<b>Purpose</b>	To assist jurisdictional boards in determining the qualifications of those who seek licensure to practice dentistry or dental hygiene.	To inform licensure decisions.  Does the candidate have the level of clinical judgement and skills necessary to safely practice dental hygiene?  Readiness for practice.
<b>Focus</b>	Assesses cognitive skills (broader focus) <ul style="list-style-type: none"> <li>• Biomedical and behavioral underpinnings of clinical decisions.</li> <li>• Professional responsibility considerations, evidence-based practice, being good consumers of research, patient oral health care education, etc.</li> </ul>	Assesses clinical skills (a narrower focus).
<b>Board Requirement</b>	Cognitive skills	Clinical skills
<b>State acceptance</b>	All U.S. Licensing jurisdictions	Kentucky, Arizona, Oregon
<b>Number of questions</b>	350 questions administered in two sessions within one day.	150 questions administered in a single session within one day
<b>Results Interpretation</b>	Pass/Fail against criterion-referenced NBDHE standard.	Pass/Fail against criterion-referenced DHLOSCE standard.
<b>Test specifications (Overview)</b>	Discipline-Based Component (200 items)  Scientific Basis for Dental Hygiene Practice (61 items)  Provision of Clinical Dental Hygiene Services (115 items)  Community Health/Research Principles (24 items)  Case-Based Items (150 items)	Assessment, Interpretation, Evaluation, and Reevaluation (45%)  Dental Hygiene Care Planning and Evidence Based Treatment (55%)
<b>Administration modality</b>	Administered by Pearson VUE in the United States and Canada.	Administered by Prometric in the United States.  Available for administration throughout the year in fixed testing windows.

Criteria	NBDHE	DHLOSCE
<b>Method of Measurement</b>	<p>Candidates are presented with 350 multiple-choice items (200 discipline-based items and 150 case-based items) covering functions that a dental hygienist is expected to be able to perform.</p> <p>Only functions that can be delegated to a dental hygienist in a majority of states are included in the examination.</p> <p>For case-based items, the patient information is presented by means of patient histories, dental charts, radiographs, and clinical photographs.</p>	<p>Hybrid OSCE. Candidates are presented with clinical situations and patient stimulus materials—including lifelike 3D models of teeth, radiographs, dental charts, and/or clinical photographs—that candidates can use to diagnose a patient and respond to extended multiple-choice clinical questions.</p> <p>Uses the Patient Box.</p>
<b>Examples of concepts that could be tested</b>	<p>Knowledge of which bacteria is associated with periodontitis.</p> <p>Knowledge of the scientific principles behind radiography.</p> <p>Assesses understanding of infection control principles and scientific rationale.</p>	<p>Focus on clinical management of a patient with periodontal disease.</p> <p>Recognizes when to make radiographs, what errors were made, how to improve clinical radiography techniques.</p> <p>Assesses ability to apply infection control in patient care scenarios.</p>
<b>Validity evidence</b>	Face Validity and Content Validity (see relevant information from the <a href="#">NBDHE Technical Report</a> )	Can find the relevant information from the <a href="#">DHLOSCE Technical Report</a> .
<b>Resources</b>	Visit <a href="#">JCNDE.ADA.ORG/NBDHE</a> for resources to help you prepare for the NBDHE exam.	Visit <a href="#">JCNDE.ADA.ORG/DHLOSCE</a> for resources to help you prepare for the DHLOSCE exam.