Clinical Competency Examinations are designed to evaluate your ability to perform independently, and with the knowledge, skills and values expected of a graduate of an accredited academic dental institution. To challenge a Clinical Competency Examination you must have achieved a certain minimum clinical experience and obtained appropriate faculty approval. Failure in any one part of a Clinical Competency Examination constitutes a failure of the examination as a whole.

This clinical competency examination specifically addresses the following Augusta University-Dental College of Georgia competency statements:

1. Applies advances in modern biology and new medical knowledge to clinical practice.
2. Applies principles of behavioral science that pertain to patient-centered oral health care.
3. Provide care to a diverse patient population.
4. Communicate with patients, staff, and colleagues concerning oral health care matters.
5. Applies the ADA’s Principles of Ethics and Code of Professional Conduct and the Laws of Georgia and the Georgia Board of Dentistry’s Rules to the provision of oral health care services.
6. Uses information technology for professional development and comprehensive patient care.
7. Obtains informed consent from a patient, parent, or guardian.
8. Prescribes and administers pharmacological agents for anxiety, pain, infection and caries prevention.
9. Obtains and assesses diagnostic information from clinical and radiographic procedures.
10. Educates and treats patients to improve and maintain their oral health.
11. Develop ideal sequenced treatment plans and alternatives based on etiologies, prognoses, and patient circumstances.
12. Manage diseases and conditions of the teeth.

The Periodontal Diagnosis and Treatment Planning Competency is a test of the student’s:

- ability to use their clinical diagnostic skills to evaluate their patient’s periodontal status
- ability to arrive at a proper periodontal diagnosis
- ability to formulate an appropriate and properly sequenced periodontal treatment plan

Any patient chosen for use in the Periodontal Diagnosis & Treatment Planning Examination must be approved by a full-time Periodontics Department faculty before the data base examination is initiated. This examination must be completed and evaluated by Periodontics faculty before treatment is started. An AxiUm D0180 note template will be used as a guide.
**Patient Selection:** Patients must present with:

1. A diagnosis of mild to moderate periodontitis.
2. At least **two quadrants** with teeth probing **pocket depths in the 4-5 mm** range with accompanying bone and **attachment loss in the range of 1-2 mm.**

**PROCEDURAL REQUIREMENTS:**
**Obtain faculty approval** to begin after reviewing and updating the patient’s **medical history.**

1. Student assesses extraoral and intraoral conditions.
2. Student performs a comprehensive periodontal examination which includes an evaluation of **periodontal probing depths,** **bleeding on probing,** **gingival inflammation,** **dental plaque and calculus,** **gingival recession and overgrowth,** **clinical attachment levels and/or loss,** **mobility,** and **furcation involvement.**
3. Student evaluates width of attached gingiva.
4. Student assesses radiographic changes in alveolar bone (Axium record)
5. Student identifies all local and systemic etiologic factors, and reinforces patient’s oral hygiene protocol.
6. Student determines a periodontal diagnosis and prognosis for each tooth (Axium chart)
7. Student establishes an overall periodontal diagnosis (Axium chart)
8. Student formulates a periodontal problem list which can be used to evaluate the outcome of the periodontal therapy during the re-evaluation exam (Axium chart and note)
9. Student formulates a periodontal treatment plan which addresses each of your patient’s periodontal problems (Axium chart and note).
10. Student will include any proposed surgical sites in the Axium note.

**The Periodontal Problem List** should be formulated following completion of the clinical examination and before formulation of the treatment plan. Items for inclusion on the problem list fall into four categories and be included in the Axium note:
- Clinical findings or conditions which periodontal therapy should correct or improve (such as deep pockets, poor oral hygiene, mobility, inflammation)
- Secondary etiologic factors (such as overhanging amalgams, calculus deposits, furcation involvement, carious lesions at the gingival margin)
- Risk factors which predispose the patient to periodontitis (such as smoking, diabetes)
- Systemic conditions which require special patient management procedures (such as heart/orthopedic conditions requiring antibiotic prophylaxis)

**Competency Grade Information:**
Students must pass this competency examination before the end of **PERI 5901 AB.**
The Periodontal Diagnosis and Treatment Planning Independent Performance Examination is evaluated in two parts: First, the clinical examination is evaluated by faculty (chairside) when the student has completed data collection. Then the periodontal diagnosis and treatment plan are evaluated no later than 24 hours after the appointment and after the student has completed the case work-up in Axium.

**Remediation:**
Students must pass all components of this competency. A failure of up to two specific criteria may be remediated at the time of examination. A failure of more than two evaluation criteria will necessitate repeating the examination.
### General Evaluation Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Faculty Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applies advances in modern biology and new medical knowledge to clinical practice.</td>
<td>PASS</td>
</tr>
<tr>
<td>Applies the principles of behavioral science that pertain to patient-centered oral health care.</td>
<td>PASS</td>
</tr>
<tr>
<td>Communicates effectively with patients, staff and colleagues concerning oral health care matters, providing care to a diverse patient population</td>
<td>PASS</td>
</tr>
<tr>
<td>Applies the ADA’s Principles of Ethics and Code of Professional Conduct and the Laws of Georgia and the Georgia Board of Dentistry’s Rules to the provision of oral health care services.</td>
<td>PASS</td>
</tr>
<tr>
<td>Provides thorough, appropriate use of information technology (electronic health records, digital radiography) for comprehensive patient care.</td>
<td>PASS</td>
</tr>
<tr>
<td>Obtains informed consent from a patient, parent, or guardian.</td>
<td>PASS</td>
</tr>
<tr>
<td>Prescribes and administers pharmacological agents for anxiety, pain, infection and caries prevention.</td>
<td>PASS</td>
</tr>
</tbody>
</table>

### Specific Evaluation Criteria

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Faculty Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Medical history is reviewed and signature from patient secured.</td>
<td>PASS</td>
</tr>
<tr>
<td>Periodontal Examination is complete and accurate.</td>
<td>PASS</td>
</tr>
<tr>
<td>Radiographic interpretation of periodontal findings is complete and accurate.</td>
<td>PASS</td>
</tr>
<tr>
<td>An accurate Periodontal Diagnosis is established and documented.</td>
<td>PASS</td>
</tr>
<tr>
<td>A Periodontal Prognosis is established for individual teeth and for the dentition as a whole.</td>
<td>PASS</td>
</tr>
<tr>
<td>A complete Periodontal Problem List if formulated.</td>
<td>PASS</td>
</tr>
<tr>
<td>A Periodontal Treatment Plan is formulated that addresses all of the periodontal problems.</td>
<td>PASS</td>
</tr>
<tr>
<td>A surgical phase of treatment is proposed if indicated.</td>
<td>PASS</td>
</tr>
<tr>
<td>Note is accurate and well organized</td>
<td>PASS</td>
</tr>
</tbody>
</table>

### OVERALL ASSESSMENT

| Attending Faculty: | PASS | FAIL |

**STUDENT SELF ASSESSMENT:**

____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________

**FACULTY COMMENTS:**

____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________
____________________________________________________________________________________________