

## Periodontics

### Course Information

**Developers:** Dental Hygiene State Curriculum Committee

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**KBOR Facilitators:** Rita Johnson/Shirley Antes/April Henry

**Total Credits: 3 credits**

### Description

This course provides the dental hygiene student with an in-depth study of periodontal disease including the inflammatory process and its relationship to the pathogenesis of periodontal disease; identification of etiological factors; classification of periodontal disease following a complete periodontal assessment; recognition of gingival conditions and risk assessment; description of periodontal surgical procedures; the recognition of periodontal emergencies; and the effectiveness of plaque control and nonsurgical periodontal therapy.

### Competencies:

1. Recognize, describe and properly record conditions relative to all classifications of gingival and periodontal disease.
2. Describe plaque control measures, including specialized oral hygiene products, for the periodontal client.
3. Describe the inflammatory and immunologic responses associated with all classifications of periodontal disease.
4. Describe and classify the specific bacteria found in biofilm that are associated with all classifications of periodontal diseases and the characteristics that contribute to their virulence.
5. Define and recognize contributing/risk factors in the progression of periodontal disease.
6. Discuss periodontitis as a risk factor for systemic diseases.
7. Define the classifications of Gingival and Periodontal Diseases, including referral guidelines, as established by the American Academy of Periodontology.
8. Describe the pathogenesis, including radiographic changes, of bone loss.

9. Describe the components of a dental implant, the peri-implant tissue, and the special needs of a client with a dental implant.
10. Describe the goals and research-based rationale for treatment planning in nonsurgical periodontal therapy.
11. Discuss appropriate rationale for periodontal maintenance intervals.
12. Describe the various surgical procedures used in the treatment of gingival and periodontal disease.
13. Identify the clinical findings associated with periodontal emergencies and discuss the treatment for each.