

Course Outline for: DENH 2264 Periodontics for the Dental Hygienist

A. Course Description

1. Number of credits: 2
2. Lecture hours per week: 2
3. Prerequisites: Acceptance in Dental Hygiene Program; BIOL 2204; DENH 1112, 1142 and 1143
4. Corequisites: DENH 2240 and DENH 2241
5. MnTC Goals: None

The study of periodontal diseases as the scientific basis for dental hygiene, with recognition of the etiologic factors and abnormal conditions in the supporting structures and emphasis on the role of the dental hygienist in the philosophical and clinical approaches to periodontal therapy.

B. Date Last Reviewed/Updated: January 2022

C. Outline of Major Content Areas

1. Anatomy and Physiology of the Periodontium
2. Etiology/Pathogenesis of Periodontal Disease
3. Classification of Periodontal Diseases
4. Treatment of Periodontal Diseases
5. Phase I Therapy: Initial/Non-Surgical Phase
6. Phase II Therapy: Surgical Phase/Dental Implants
7. Phase IV Therapy: Supportive Periodontal Therapy/Maintenance Phase
8. Epidemiology of Periodontal Diseases
9. Future Trends and Controversies

D. Outline of Major Content Areas

Upon successful completion of the course, the student will be able to:

1. Identify the anatomy and physiology of the normal periodontium and correlate this with the clinical appearance.
2. Determine the classification of periodontal diseases.
3. Explain clinical and histopathologic features of periodontal diseases.
4. Describe the role of the immune system in the pathogenesis of periodontal diseases.
5. Explain the etiology of periodontal diseases.
6. Apply the information obtained in the clinical examination and client assessment in order to give a dental hygiene diagnosis and formulate the treatment plan for the periodontal client.

7. Identify the different treatment modalities utilized in the management of the periodontal client.
8. Know the role of the dental hygienist in the therapy and management of the periodontal client.
9. Understand the general principles of all phases of periodontal therapy.
10. Know the rationale for adjunctive therapy with antibiotics and chemotherapeutic agents in the management of periodontal clients.
11. Understand dental epidemiology and different indices within the field of periodontics.
12. Identify future directions and controversies regarding periodontal therapy.

E. Methods for Assessing Student Learning

1. Exams
2. Assignments
3. Projects

F. Special Information

None