

Course Outline for: DENH 2266 General and Oral Pathology

A. Course Description

1. Number of credits: 2
2. Lecture hours per week: 2
3. Prerequisites: Acceptance in Dental Hygiene Program; DENH 1112
4. Corequisites: DENH 2264, DENH 2240 and DENH 2241
5. MnTC Goals: None

The identification, pathogenesis, histology, prevention, and management of oral diseases; the oral manifestations and complications associated with systemic diseases; and the basic principles and aspects of pathology related to oral healthcare.

B. Date Last Reviewed/Updated: January 2022

C. Outline of Major Content Areas

1. Introduction to Pathology and the Diagnostic Process
2. Identification and Description of Oral and Perioral Findings
3. Review of Anatomical Landmarks
4. Variants of Normal and Benign Conditions of Unknown Cause
5. Injury, Inflammation, Adaptation and Healing
6. Disease at the Cellular Level
7. Immune Response, Oral Diseases with Immunologic Pathogenesis, Autoimmune Diseases that Affect the Oral Cavity
8. Infectious Diseases and Oral Healthcare
9. Patterns of Inheritance, Genetic Disorders with Oral Manifestations
10. Neoplasias
11. HPV and Oral Pharyngeal Cancer
12. Oral Side Effects and Care of the Cancer Patient
13. Non-Neoplastic Disorders of Bone
14. Facial Pain and Neuromuscular Diseases
15. Endocrine Imbalances and Oral Manifestations
16. Vitamin Imbalances and Oral Manifestations
17. Blood Disorders
18. Interprofessional Scope of Practice

D. Course Learning Outcomes

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

1. Apply the knowledge of oral pathology to the dental hygiene process of care.
2. Display an understanding of the Diagnostic Process by formulating a Differential Diagnosis
Diagnosis
3. based on accumulated data.
4. Recognize, describe, and compare lesions that are normal, variations of normal and deviations from normal.
5. Describe Oral lesions in a consistent format.
6. Recognize the relationship between cell and tissue injury, repair, and healing.
7. Describe the correlation between the inflammatory response and oral, systemic disease.
8. Contrast the role of the immune response in health and disease.
9. Analyze the role of risk factors in susceptibility to oral and systemic disease.
10. Contrast the numerous organisms that are responsible for infectious diseases.
11. Compare the cellular and clinical characteristics of benign and malignant lesions.
12. Discuss how HPV relates to oral pharyngeal cancer.
13. Apply an understanding of genetics to oral health and the possibilities resulting from genetic diseases.
14. Connect an understanding of endocrine functions with pathologies and oral signs and symptoms.
15. Discuss the correlation between Blood disorders, systemic disease, and oral health.
16. Recognize the effect nutrition has on cell function, disease, and oral health.
17. Describe the various pathologies resulting in pain to the face and head.
18. Incorporate the oral cancer screening examination for every patient to prevent the development of advanced or untreatable oral disease.
19. Apply critical thinking and analytical skills in the recognition and management of the signs and symptoms of oral lesions.

E. Methods for Assessing Student Learning

1. Attendance and Participation
2. Assignments
3. Exams
4. Activities

F. Special Information

None