



## DHG 126: Periodontology

This course is a study of the pathology of periodontal disease and the philosophy of periodontal treatments, including both surgical and non-surgical therapy procedures. The course focuses on the etiology, epidemiology, pathogenesis, methods of assessment, diagnosis, and classification of periodontal disease. The course emphasizes the relationship between periodontal health and systemic health and risk factors. Prerequisite: Open to DHG students only. Three lecture hours per week. Instructional Support Fee applies.

### Course Student Learning Outcomes

1. Describe the tissues of the periodontium in health and disease. 2. Describe the pathogenesis and etiology of periodontal diseases. 3. Describe the pathogenesis and prevalence of periodontal diseases amongst different cultures and ethnicity. 4. Describe the signs, symptoms and treatment of periodontal diseases. 5. Describe the interaction of the host immune response to periodontal pathogens. 6. Describe how systemic conditions/diseases impact periodontal disease. 7. Describe how periodontal diseases impact systemic conditions/disease. 8. Describe the influence of diet and nutrition in health and in periodontal disease. 9. Assess, plan, give referrals and implement periodontal therapy and periodontal maintenance therapy. 10. Assess periodontal disease by radiographic analysis. 11. Educate patients correctly on periodontal disease and homecare protocols. 12. Describe the nonsurgical and surgical treatments of periodontal disease. 13. Describe the signs, symptoms and treatment of periodontal emergencies. 14. Evaluate evidence base literature on Periodontics and perform a meta-analysis and quantitative synthesis in a form of a research paper for consideration of the research to be incorporated into dental hygiene clinical practice guidelines. 15. Present evidence based literature to peers for consideration of research to be incorporated into dental hygiene clinical practice guidelines. 16. Critique evidenced based literature from peers to be considered for dental hygiene clinical practice guidelines.

**Credits:** 3

**Program:** Dental Hygiene