

DHYG 246 : Clinical Dental Hygiene III

Credits 5

This clinical course is designed to enable students to demonstrate competency with the pediatric and adolescent patient and to expand their experience in the treatment of the periodontally involved patient. Students refine techniques for treatment planning for root planing and non-surgical periodontal treatment. Utilization of radiographs, local anesthesia and nitrous oxide sedation in patient care is further developed. Students integrate knowledge and skills developed in all previous course work to date. This class may include students from multiple sections.

Prerequisites

[DHYG 136](#); concurrent enrollment in [DHYG 245](#)

Course Outcomes

Exhibit professionalism through personal appearance, attitude, and conduct appropriate for the humanistic learning environment and delivery of ethical dental hygiene care.

Employ competent professional and culturally sensitive communication skills that apply health equity concepts.

Demonstrate continued competence in the use of infection control, sterilization, and exposure control procedures.

Present a summary of the patient's complete assessment including all aspects of their history and charting particularly for patients with complex medical considerations.

Develop and present comprehensive DH treatment plans for the delivery of dental hygiene therapy to child, adolescent, adult, and geriatric patients.

Present written reflections and observations regarding DH care provided in the clinic and a variety of service-learning rotations.

Demonstrate correct periodontal therapy instrumentation techniques, utilizing all instructed curettes, scalers, and files.

Implement alternative fulcrum positions.

Evaluate the patient response, prognosis, and re-evaluation/recare plan.

Utilize ultrasonic technology, and air polishing instrumentation when appropriate.

Describe treatment considerations regarding dental implant placement, evaluation, and maintenance.

Perform competency evaluations, utilizing patient-centered communication and clinical techniques while delivering dental hygiene treatment for a pediatric and adolescent clinic patient.

Provide comprehensive dental hygiene care for patients with periodontal involvement.

Interpret radiographs, recognizing normal and abnormal conditions of the oral cavity.

Manage pediatric and adolescent patients and provide parent education.

Integrate and correlate the basic behavioral and dental sciences learned to date as they apply to the care of the dental hygiene patient.

Assess patients for pain control procedures and utilize local anesthesia and/or nitrous oxide appropriately considering patient-centered care and safety.

Identify and manage potential complications resulting from patient treatment.

Assess patients who use tobacco products and provide Tobacco Cessation Counseling when appropriate.

Assess and implement nutritional counseling regarding oral disease prevention when appropriate.