

University of Arkansas - Fort Smith
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General Syllabus

DHYG 42204 Dental Hygiene Clinic II

Credit Hours: 4

Lecture Hours: 0

Laboratory Hours: 16

Prerequisites: DHYG 31103 Clinic I Theory, DHYG 32102 Periodontology I, DHYG 32133 Dental Hygiene Clinic I, DHYG 34403 Pharmacology, and DHYG 34503 General and Oral Pathology

Corequisites: DHYG 41202 Clinic II Theory, DHYG 41402 Advanced Dental Hygiene Theory for Special Needs Patients, DHYG 43101 Periodontology II, DHYG 43702 Dental Nutrition, DHYG 44603 Dental Materials, and DHYG 45102 Local Anesthesia and Nitrous Oxide

Effective Catalog: 2018-2019

I. Course Information

A. Catalog Description

Clinical treatment of patients with emphasis placed on treating periodontally involved patients. Clinical application and evaluation of topics presented in DHYG 41202 and DHYG 44603.

B. Additional Information-None

This class will be taught in a clinical setting with instruction supervision being provided by registered hygienists and dentists.

II. Student Learning Outcomes

A. Subject Matter

Upon completion of this course, the student will:

1. Demonstrate the use of the air polisher.
2. Demonstrate the use of the Piezo ultrasonic scaler.
3. Demonstrate the implant debridement techniques.
4. Correctly follow tooth selection criteria for sealant placement.
5. Demonstrate the accepted sequence of steps for sealant placement.
6. Demonstrate the use of intra-oral media equipment.
7. Administer nitrous oxide using appropriate methods for calculating dosage based on patient assessment.

8. Demonstrate the accepted steps for placing agents for treating hypersensitivity.
9. Demonstrate the ability to collect and analyze data necessary for treatment planning.
10. Demonstrate the ability to deliver competent care based on treatment planning for the child, adolescent, adult, geriatric and medically compromised patient.
11. Demonstrate the ability to treatment plan and deliver competent care to patients that exhibit all classifications of periodontal disease.
12. Demonstrate the ability to establish appropriate evaluation of treatment methods.
13. Demonstrate the ability to provide local anesthesia using injection techniques learned in DHYG 45102 for patient comfort.
14. Demonstrate knowledge for preventing possible medical emergencies that might be encountered with the use of local anesthesia.
15. Use the established clinic protocol to assess patient for necessary radiographs.
16. Demonstrate adequate infection control procedures during all patient treatment.

B. University Learning Outcomes

This course enhances student abilities in the following areas:

Analytical Skills

Critical Thinking Skills: The student will demonstrate the ability to use critical thinking skills to focus on patient conditions, behaviors, and risk factors when planning and implementing effective dental hygiene care and then establish the appropriate re-care frequency to evaluate outcomes.

Quantitative Reasoning: The student will demonstrate the ability to use quantitative reasoning by calculating the appropriate amounts of local anesthetic and nitrous oxide based on individual patient factors.

Communication Skills (written and oral)

The student will demonstrate communication skills during all aspects of patient assessment, treatment planning, implementation and evaluation.

Ethical Decision Making

The student will demonstrate and apply professional ethical principles for each patient treated in the dental hygiene clinic.

III. Major Course Topics

- A. Dental Hygiene Process of Care that Includes Assessments, Treatment Planning, Implementation and Evaluation
- B. Utilizing Process of Care, Complete a Minimum of 18 Patients at 80% Level or Better

- C. Radiographs Based on Patient Needs
- D. Sealants
- E. Intraoral Camera
- F. Air Polishing
- G. Nitrous Oxide
- H. Local Anesthesia
- I. Desensitization Procedures
- J. Chemotherapeutic Placement
- K. Fluoride Varnish
- L. Piezo