

Course Description

DEH 2806L | Dental Hygiene Clinic 4 | 2 credits

DEH 2806L will encompass a continuation of clinical and dental hygiene theory and practice, including further development of performing oral health care services. Current state of the art techniques in clinical assessment of periodontal disease will include the skills of root planing, antimicrobial therapy, ultrasonic scaling, instrument sharpening, and non-surgical periodontal therapy presentation.

Course Competencies

Competency 1:

The student will demonstrate knowledge, comprehension and application of instrumentation by:

1. Selecting and correctly using the Gracey curettes 1/2, 11/12, 13/14 for the purpose of root planing product evaluation.
2. Describing the use of scaling and root planing product evaluation.
3. Using radiographs and periodontal charting as references to observe bone level and tooth anatomy during instrumentation, placement of subgingival chemotherapeutic agents, and patient assessment.

Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Numbers / Data
- *Learning outcome 1* Critical Thinking
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Ethical issues
- *Learning outcome 2* Computer / Technology Usage
- *Learning outcome 1* Aesthetic / Creative Activities

Competency 2:

The student will demonstrate knowledge, comprehension and application of instrument care by:

1. Demonstrating proper instrument sharpening of Gracey curets 1/2, 11/12, 13/14.
2. Demonstrating use of plastic stick to confirm sharpness of cutting edge.
3. Maintaining sharpness of Gracey curets 1/2, 11/12, 13/14 throughout the course for successful scaling and root planing procedures.

Learning Outcomes

- *Learning outcome 1* Communication

- *Learning outcome 2* Numbers / Data
- *Learning outcome 1* Critical Thinking
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Ethical issues
- *Learning outcome 2* Computer / Technology Usage
- *Learning outcome 1* Aesthetic / Creative Activities
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Competency 3:

The student will demonstrate knowledge, comprehension and application of the phase microscope and oral flora by:

1. Demonstrating the preparation of a plaque smear slide for visualization under a phase microscope.
2. Utilizing proper phase microscope technique for visualization of slide.
3. Interpreting the significance of the oral flora as it relates to the patient's risk for periodontal diseases.
4. Communicating to the patient the findings observed using the phase microscope.
5. Demonstrating the correct method of turning on/off the phase microscope as well as proper disposal of contaminated glass slide.

Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Numbers / Data
- *Learning outcome 1* Critical Thinking
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Ethical issues
- *Learning outcome 2* Computer / Technology Usage
- *Learning outcome 1* Aesthetic / Creative Activities
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Competency 4:

The student will demonstrate knowledge, comprehension and application of vertical bitewing by:

1. Exposing and processing an acceptable vertical bitewing series on appropriate patients.
2. Identifying errors on radiographs and explaining how to correct each error.
3. Interpreting and explaining the findings observed on each series taken.
4. Exposing and mounting radiographs using appropriate infection control.
5. Relating radiographic findings to the dental charting and periodontal classification.
6. Exposing, developing, and interpreting radiographs for NSPT patient.

Learning Outcomes

- *Learning outcome 1* Communication
- *Learning outcome 2* Numbers / Data
- *Learning outcome 1* Critical Thinking
- *Learning outcome 2* Information Literacy
- *Learning outcome 1* Ethical issues
- *Learning outcome 2* Computer / Technology Usage
- *Learning outcome 1* Aesthetic / Creative Activities
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