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Dental Hygiene (DNLT) 2240 Periodontics II (1.5 Units) CSU
[formerly Dental Hygiene 40]

Prerequisite: Successful completion of all first, second and third semesters Dental Hygiene Program courses with a grade of “C” or better

Prerequisite knowledge/skills:

Total Hours: 24 hours lecture

Catalog Description:

This course discusses the management of periodontal disease as well as the legal and ethical implications of diagnosis and treatment. Therapeutic modalities to include surgery, dental implants and periodontal maintenance are covered.

Type of Class/Course: Degree Credit

Text:

Nield-Gehrig, Jill S. and Donald E. Willmann. *Foundations of Periodontics for the Dental Hygienist*. 4th ed. Philadelphia: LWW, 2015. Print.

Thompson, Evelyn M. *Case Studies in Dental Hygiene*. 3rd ed. New Jersey: Pearson, 2013. Print

Additional Required Materials: None

Course Objectives:

By the end of the course, a successful student will be able to:

1. understand the importance and concepts of host modulation
2. identify the three components of evidenced-based decision making
3. recognize the need for periodontal surgery
4. describe how periodontal maintenance relates to other phases of periodontal treatment
5. describe guidelines for determining whether the patient is best treated in a general practice office or a periodontal office
6. describe how to establish an appropriate maintenance interval
7. list the clinical signs of recurrent periodontitis and possible causes
8. recognize the compliant patient and noncompliant patient
9. discuss the special considerations for periodontal instrumentation of a dental implant
10. compare and contrast the periodontium of a natural tooth with the peri-implant tissues that

- surround a dental implant
- 11. outline the typical treatment steps for a gingival abscess, periodontal abscess, pericoronal abscess and necrotizing ulcerative gingivitis
- 12. in the clinical setting, thoroughly document all periodontal treatment including treatment options, cancellations, patient noncompliance, informed consent, refusal of treatment and follow up
- 13. provide a few of the possibilities for future directions in the management of periodontal patients by dental hygienists
- 14. apply content learned to comprehensive case studies

Course Scope and Content:

- Unit I Therapies for Managing the Periodontal Patient or Implementation of Periodontal Therapies
 - A. Host modulation
 - 1. Potential importance in treating periodontal patients
 - 2. Host modulation agents
 - B. Periodontal maintenance
 - 1. Procedures and planning
 - 2. Disease recurrence / root caries as a complication
 - 3. Patient compliance
 - C. Dental implant maintenance
 - 1. Anatomy of the dental implant
 - 2. Peri-implant disease
 - 3. Instrumentation of the dental implant
 - 4. Maintenance intervals for patients and self-care aids
 - D. Future directions for managing periodontal patients
 - 1. Risk factors for developing periodontal disease
 - 2. Systemic diseases connected to periodontal disease
 - 3. Additional treatment modalities

- Unit II Periodontal Surgery
 - A. Indications and contraindication for periodontal surgery
 - B. Knowledge of the common types of periodontal surgeries
 - C. Healing after periodontal surgery
 - 1. Terminology
 - 2. Biological enhancement
 - D. Management following periodontal surgery

- Unit III Periodontal Emergencies
 - A. Abscesses of the periodontium
 - B. Necrotizing periodontal disease
 - C. Primary herpetic gingivostomatitis

- Unit IV Best Practices for Periodontal Care
 - A. Concept of best practices
 - B. Evidence-based healthcare
 - C. Strategy for finding evidence

- Unit V Comprehensive Patient Cases
 - A. Adolescents
 - B. Adult Periodontitis

- C. Medical Compromised
- D. Geriatric Patient
- E. The Disabled Patient

- Unit VI Documentation and Insurance Reporting of Periodontal Care
- A. Legal Issues and Documentation
 - B. Computer Based Patient Records
 - C. Insurance Codes for the Periodontal Patient
 - D. Documentation of Periodontal Care

Learning Activities Required Outside of Class:

The students in this class will spend a minimum of 3 hours per week outside of the regular class time doing the following:

- 1. Independent reading and studying
- 2. Independent research
- 3. Review case studies

Methods of Instruction:

- 1. Lecture
- 2. Guest lecture
- 3. Audiovisual presentations
- 4. Class discussions

Methods of Evaluation:

- 1. Exams and quizzes, including:
 - a. multiple choice questions
 - b. matching questions
 - c. true/false questions
 - d. case study questions
- 2. Writing assignment, topic to be determined by the instructor
- 3. Case Study presentation on a patient
 - a. intraoral photos
 - b. narrative
 - c. study models
 - d. periodontal assessment and periodontal re-evaluations
 - e. nutritional analysis
 - f. tobacco cessation
 - g. use of various treatment modalities
 - h. risk assessments

Supplemental Data:

TOP Code:	124020: Dental Hygienist
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SAM Priority Code:	B: Advanced Occupational
Distance Education:	Not Applicable
Funding Agency:	Y: Not Applicable(funds not used)
Program Status:	1: Program Applicable
Noncredit Category:	Y: Not Applicable, Credit Course
Special Class Status:	N: Course is not a special class
Basic Skills Status:	N: Course is not a basic skills course
Prior to College Level:	Y: Not applicable
Cooperative Work Experience:	N: Is not part of a cooperative work experience education program
Eligible for Credit by Exam:	NO
Eligible for Pass/No Pass:	NO
Taft College General Education:	NONE