Texas A&M University College of Dentistry

Course Syllabus

Course Number and Name: DDHS 4610 Periodontics

Course Type: Lecture Laboratory Clinical Seminar Selective

Academic Year/Semester Offered: 2017-2018 ___ Fall ___ Spring ___ Summer Session

Course Director: Celeste Abraham, BS, DDS, MS

Other Participating Faculty:
Lecture - Dr. Deborah Foyle
          Dr. Garth Griffiths
          Dr. Stephen Harrel
          Dr. Carlos Parra Carrasquer
          Dr. Jeffrey Rossmann

Course Description:
Characteristics, etiology and treatment of inflammatory diseases of the supporting tissues of the teeth and their substitutes. Emphasis is placed on the relationship of periodontics to the practice of dental hygiene.

Course Objectives:
To provide the graduating dental hygienist with an understanding of the following aspects of periodontics:
1. The etiology and pathogenesis of acute and chronic periodontal diseases.
2. The interrelationship of periodontal and systemic diseases.
3. The principles of periodontal therapy.
4. The indications, contraindications and application of current periodontal surgical procedures.

Related Competencies:
6.1 Determine medical conditions that require special precautions or consideration prior to or during dental hygiene treatment.
6.2 Perform an extraoral and intraoral examination of the patient including assessment of vital signs and radiographic examination, and distinguish normal from abnormal findings.
6.3 Manage the patient at risk for a medical emergency, and be prepared to handle the emergency should it occur during an appointment.
6.4 Recognize predisposing, etiologic risk factors, and life style choices that may require intervention to prevent disease.
6.5 Analyze and interpret the assessment data to formulate a dental hygiene diagnosis related to and congruent with the diagnosis of the dentist and other health professionals.
6.6 Determine the need for referral to the appropriate health professional.
7.1 Determine priorities and establish oral health goals with the patient/family and/or guardian as an active participant.
8.1 Provide an environment conducive to health by using accepted infection control procedures.
8.2  Control pain and anxiety during treatment through the use of accepted clinical techniques and appropriate behavioral management strategies.

8.3  Select and administer the appropriate preventive and/or antimicrobial (chemotherapeutic) agents and provide pre- and post-treatment instructions.

**Specific lecture objectives for individual lectures are included in the course manual.**

**Evaluation Criteria/Methods:**
There are three written multiple-choice examinations for the course. The final grade will come from the average of the three exams. Missed examinations will have to be made up in a timely manner at the convenience of the course director. The makeup exam may consist of multiple choice exam, oral exam and/or essay exam. Any questions about grades on examinations must be presented to the course director within one week of the posting of the grades.

**Grading Scale:**
A= 90-100  B= 80-89  C= 75-79  D= 70-74  F= <70

**Learning Materials:**
Course Syllabus: Department of Periodontics

**Remediation Policy:**
Remediation will be individually tailored to address the student’s specific problems.

**Attendance and Make-up Policy:**
*Attendance is mandatory for all scheduled lectures.* Students must sit in their assigned seats. Attendance will be taken at 8:15. Excused absences are determined by the Office of Student Services. One unexcused absence will be allowed. More than one unexcused absence will result in failure of the course.

**Laboratory/Clinic Policies and Procedures:**
N/A

**Special Accommodation for Persons with Disabilities:**
The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you believe you have a disability requiring an accommodation, please contact Dr. Paul Dechow, Associate Dean for Academic Affairs, Room 514, or call 214 828 8208 for additional information.

**Academic Integrity Statement and Policy:**

“An Aggie does not lie, cheat or steal, or tolerate those who do.”

Upon accepting admission to Texas A&M University, a student immediately assumes a commitment to uphold the honor Code, to accept responsibility, and to follow the philosophy and rules of the Honor
System. Students will be required to state their commitment on examinations, research papers, and other academic work. Ignorance of the rules does not exclude any member of the TAMU community from the requirements or the processes of the Honor System.

http://aggiehonor.tamu.edu

Date prepared: 5/22/17
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<thead>
<tr>
<th>Date</th>
<th>Session Title/Topic</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>8-15-17</td>
<td>The Periodontium: Structures/Microscopic Anatomy/Overview of Diseases: Chapters 1, 2, 3</td>
<td>Dr. Abraham</td>
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<tr>
<td>8-22-17</td>
<td>Diagnosis and Classification of Periodontal Disease, Chronic and Aggressive Periodontitis: Chapters 4, 7, 8</td>
<td>Dr. Abraham</td>
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<tr>
<td>8-29-17</td>
<td>Gingival Diseases/Periodontitis as a manifestation of Systemic Diseases: Chapters 6,9, 32</td>
<td>Dr. Foyle</td>
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<td>9-5-17</td>
<td>Biofilms, Immunity, Host response: Chapters 12, 13,14</td>
<td>Dr. Parra</td>
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<td>9-12-17</td>
<td>Periodontal Emergencies: Chapter 28</td>
<td>Dr. Abraham</td>
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<td>9-19-17</td>
<td>Radiographic analysis: Chapter 20</td>
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<td>9-26-17</td>
<td><strong>Exam 1</strong></td>
<td>Dr. Abraham</td>
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<td>10-3-17</td>
<td>Nonsurgical Periodontal therapy: Chapters 22-23</td>
<td>Dr. Parra</td>
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<td>10-10-17</td>
<td>Periodontal Surgical Concepts: Chapter 27</td>
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<td>10-17-17</td>
<td>Systemic Factors/Nutrition, Inflammation and Periodontal Disease Factors: Chapter 15, 17,</td>
<td>Dr. Stenberg</td>
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<td>10-24-17</td>
<td>Local Factors: Occlusion: Chapter 16</td>
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<td>10-31-17</td>
<td><strong>Exam 2</strong></td>
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<td>11-7-17</td>
<td>Chemical Agents in Periodontal Care Chapter 25</td>
<td>Dr. Abraham</td>
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<td>11-14-17</td>
<td>Supragingival and Subgingival Irrigation: Chapters 24</td>
<td>Dr. Parra</td>
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<td>11-21-17</td>
<td><strong>No Class- Thanksgiving Break</strong></td>
<td>NA</td>
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<td>11-28-17</td>
<td>Treatment of Patients on Bisphosphonate Therapy, Chapter 26</td>
<td>Dr. Griffiths</td>
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<td>12-6-17</td>
<td>Periodontal Maintenance of Dental Implants: Chapters 31</td>
<td>Dr. Rossmann</td>
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<td>Exam Week</td>
<td><strong>Exam 3</strong></td>
<td>Dr. Abraham</td>
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