DEN6508C: Essentials of Clinical Care

Summer 2021

Course Description:

This course is designed to review, reinforce and prepare students for entry into clinical patient care in the UFCD TEAMs Clinics. Essential foundational concepts and skills in dentistry will be reviewed. Clinic procedures and protocols including emergency preparedness, associate group dynamics, and patient assignment as they relate to patient management and care will also be emphasized in this course.

**Prerequisite courses:** Successful Completion of all preclinical and didactic courses through semester 5

I. General Information

Course Director:

Course Director: Luisa Echeto  
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Course Credits: 1  
Semester: Summer
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II. Course Goals

The goal of the Essentials of Clinical Practice course are to review and reinforce concepts and skills necessary to prepare the dental students for patient-centered care. The clinical policies and procedures, associate groups dynamics and patient assignment protocols will be the primary focus of this course.

Essential foundational concepts and skills including patient management, Emergency Preparedness, Treatment Planning, Oral Pathology, Periodontology, Operative Dentistry, Cariology, Prosthodontics, Endodontics, Infection Control and Professionalism will also be reviewed.

Additionally, students will learn how to write medical consultations, treatment/progress notes, referrals to specialists and how to apply risk management concepts.

III. Course Overview

The course utilizes lectures and clinical exercises in order to support the development of critical thinking and clinical skills using rational scientific basis.

The class will be divided in groups to rotate through the clinical activities.

IV. Course Outline

1. Patient Assignment, and Screening

2. Clinic Associate Groups & Clinical Orientation – How to Manage an Effective and Efficient Associate Group.

3. Dental Materials – What Is Available in Clinic

4. Dental Materials – Appropriate Selection

5. Isolation Methods: Placement of Optragate, Isovac, Rubber Dam and Cotton Rolls

6. Soft Tissue Management for Indirect Restoration Impressions and Subgingival Restorations (Retraction Cord Placement and Solutions)
7. Review of Impression Techniques for Indirect Restorations and How to Evaluate Final Impression Accuracy

8. Fundamentals of Occlusion Review and Record Acquisition (CR vs. MI)

9. Review of Periodontal Diagnosis and Treatment Options & Instruments

10. Communication: Prescription Writing, Medical Consultation Writing, Progress Note Writing and Referrals to Specialists

11. Review of Pulpal and Periapical Testing & Diagnosis

12. With the End in Mind
   
   UFCD Competencies and Assessment
   
   Standards of Care
   
   Students Perspective

13. Medical Emergencies

14. Unexpected Outcomes - IDInc Reporting

15. axiUm Training
   
   Basic Concepts
   
   Treatment Planning Module
   
   Rx Prescriptions, Medical Consultations and Progress Notes

16. Patient Advocate & Post Treatment Assessment

17. Finances, Payment Plans, TED Funds and CHOICES

V. Course Material

   Required Textbook - none
Required Reading

- UFCD Clinical Procedures Manual
- UFCD Quality Assurance and Compliance Manual
- Syllabi and course material from your preclinical courses (Treatment Planning, Medical Emergencies, Infection Control, Health History, Oral Pathology, Operative, Prosthodontics, Periodontics, Endodontics, Professionalism and Ethics) will assist in this course.

Required Clinical Supplies

Students are expected to bring their operative and prosthodontic dentoforms with a full complement of unprepared/unrestored teeth for some of the activities in the course.

Optional resource:
HSC Dental Library Guide

VI. Course Objectives

At completion of this course the students will:

1. Review the TEAMs Clinic Protocols; including patient scheduling and chart reviews.

2. Present a patient to the faculty members at the beginning of the clinical session.

3. Distinguish the patient flow from the screening process to patient’s assignment in axiUm reporting.

4. Describe strategies to manage an effective and efficient associate group for the benefit of the patient’s treatment and students learning experiences.

5. Identify materials are available in the clinics, where they are and their appropriate selection.

6. Describe data to be collected and reviewed in the treatment planning process.

7. Discuss the process of acquiring a complete and thorough health history and how some findings might affect or alter treatment.
8. Identify when a medical consult is necessary and what is the process of filling out and obtaining the consultation.

9. Review how to prescribe medications, document the treatment via progress notes and the necessary form to be filled out when a patient requires referral.

10. Differentiate between anesthetics and painless anesthesia techniques.

11. Discuss the concepts of medical risk assessment and management of the dental patient.

12. Discuss the management of selected medical condition - The health status assessment (i.e. Diabetes, Angina, Stroke, Seizures, Asthma, etc.).

13. Describe the various clinical parameters utilized in periodontal patient assessment.

14. Discuss the rationale for making a periodontal diagnosis.

15. Identify the classification system in periodontology and list the criteria used to differentiate periodontal diagnoses.

16. Discuss the philosophy of the Department of Restorative Dental Sciences in prevention, diagnosis, and management of the disease of caries.

17. Describe and apply the placement of isolation methods including; optragate, IsoVac, rubber dam and cotton rolls.

18. Explain the indications, contraindications, advantages and disadvantages of the different restorative materials.

19. Explain the difference between the method of retention of amalgam, composite and modified glass ionomer.

20. Demonstrate knowledge on different impression materials including, manipulation, disinfection, use and technique.

21. Identify an acceptable final impression for fixed prosthodontics.

22. Describe vertical dimension, plane of occlusion, centric relation, inter-occlusal space, tooth position, bilateral balance occlusion and monoplane occlusion.

23. Describe the difference between mutually protected occlusion and bilateral balanced occlusion (CR vs MI).
VII. Course Competencies

This course teaches the following competencies in the "Competencies for the New Dental Graduate".

Domain I: Critical Thinking.

1: Use critical thinking and problem-solving, including their use in the comprehensive care of patients, scientific inquiry and research methodology.

2: Evidence-Based Patient Care: Access, critically appraise, apply and communicate scientific and lay literature as it relates to providing evidence-based patient care.

3: Apply biomedical science knowledge in the delivery of patient care.

Domain II: Professionalism

4: Ethical Standards: Apply principles of ethical decision making and professional responsibility.

5: Legal Standards: Apply legal and regulatory concepts related to the provision and/or support of oral health care services.

6: Appropriate Referral Provide oral health care within the scope of general dentistry to include recognizing the complexity of patient treatment and identifying when referral is indicated.

Domain III: Communication and Interpersonal Skills

7. Communication Skills: Apply the fundamental principles of behavioral sciences using patient-centered approaches for promoting, improving and maintaining oral health.

Domain IV: Health Promotion

9: Health Promotion & Disease Prevention: Provide oral health care within the scope of general dentistry to include health promotion and disease prevention.

Domain VI: Patient Care -- Assessment, Diagnosis, and Treatment

12: Patient Assessment, Diagnosis, Treatment Planning and Informed Consent: Provide oral health care within the scope of general dentistry to include patient assessment, diagnosis, comprehensive treatment.

Domain VI: Patient Care -- Establishment and Maintenance of Oral Health
14: Assessment of Treatment Outcomes: Provide oral health care within the scope of general dentistry to evaluate the outcomes of treatment, recall strategies and prognosis.

15: Patient Management: Provide oral health care within the scope of general dentistry to patients in all stages of life.

VIII. Evaluation

This course uses a Satisfactory/Unsatisfactory grade scale with 72% or greater as passing.

Students must successfully pass this course before being permitted to render patient care in any of the UFCD Dental Clinics.

Students with a score 72 or higher receive a "Satisfactory" grade in this course.

Students with a score below 72 receive an "Unsatisfactory" grade in this course and must meet with the Course Director to determine a remediation plan and timeline.

Grade Weighting of student performance will consist of:

1) Attendance in all didactic lectures - 20%
2) 5-7 Readiness assessment quizzes prior to clinical activities - 50%
3) Successful completion of all clinical activities -30%

**Attendance, Adherence to the Dress Code and Professional Conduct are Mandatory.** The following adjustments will be made to the final course grades:

**Attendance**

- 5% will be deducted from the final grade for each lecture or lab missed without an excused absence.
- 5% will be deducted from the final grade for every three unexcused instances of tardiness.
- 5% will be deducted from the final grade if the daily project sheet is not returned complete by the date established by the course director.

**Adherence to the Dress Code.** Students must adhere to the dress code as spelled out in the Pre-doctoral Student Handbook and Clinic Procedure Manual while enrolled in any course in the Division of Operative Dentistry. It is applicable at ALL times including, lectures, exams, quizzes, and laboratory sessions.
Failure to comply with the dress code will result in a reduction in your final course grade as follows:

- **1st Offense** - Student will be asked to leave the class and warned
- **2nd Offense** - Student will be asked to leave the class and a 5% reduction in your final course percentage will be imposed
- **3rd Offense** - Student will be asked to leave the class and an additional 5% (10% total for dress code) reduction in your final course percentage will be imposed
- **4th Offense** - Student will be asked to leave the class and an additional 5% (15% total for dress code) reduction in your final course percentage will be imposed
- **5th Offense** - Student will be issued an "E" grade in the course

**Professional Conduct.** The College of Dentistry expects all dental students to be professional in their dealings with patients, colleagues, faculty and staff. Behavior of a dental student reflects on a student’s qualification and potential to become a competent dentist. In addition, for each lecture and laboratory session, students are expected to: be prepared, complete the self-assessment forms, follow all guidelines and instructions (which include dress code, use of iPods, headphones, etc.), and put forth an excellent effort (stay the entire session, work diligently during the lab session, etc.). Any student professional misconduct observed during lectures, exams, quizzes, and laboratory sessions will result in a **Professional Variance** (see Student Handbook), which results in a **5-percentage deduction from the final course grade for each Professional Variance issued.**

**Course Remediation**

The remediation program will be individualized based on the needs of each student and will be determined by the course director. Subsequently, during this remedial period, students that have not passed will not be permitted to render patient care in any UFCD Dental Clinic – only assisting will be permitted. TEAM leaders will be notified when clinic privileges have been granted.

The highest grade attainable in this remediated course is an "S".

Students failing to satisfactorily complete the remediation program will maintain the "U" grade and be referred to SPEC for consideration for dismissal or retracting. For more information refer to the Administrative Practices: Remediation.
IX. Administrative Practices

Administrative practices for all UFCD courses are universally applied. Exceptions to or deviations from these practices are stated in the individual syllabi by the course director. When not individually stated in the syllabus, course administrative practices default to those identified under "Course Policies" on the DMD Student Website:

https://dental.ufl.edu/education/dmd-program/course-policies/

X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale with 72% or greater as passing.