# DEN8290: Infant Oral Health

Spring 2021

## Course Description:

This elective course exposes predoctoral dental students to the infant population (0 to 3 years old), pregnant teenagers or teenager mothers, using a risk-based disease approach to establish an early prevention and intervention course of care.

## I. General Information

### Course Director:

Course Director: Dr. Edna Perez
Office: D11-6C
Email: ednaperez@dental.ufl.edu
Phone: 352-273-7631
Course Credits: 1
Semester: Spring

### Support Staff

Dawn R Perry (352) 273-7631 DPerry@dental.ufl.edu TA / Grade Administrator

## II. Course Goals

The goal of this elective is to expose predoctoral dental students to the infant population (0 to 3 years old) and pregnant teenagers, using a risk-based disease approach to establish an early prevention and intervention course of care. The participating students will use every point of intervention to engage and educate parents and caregiver, making sure the child has access to a reliable preventive and restorative care, connected to a dental home.

## III. Course Overview

The students will receive basic training/lecture on Infant Oral Health /Dentistry for the Infant, learning how to perform the patient's first oral health assessment, involving the medical and dental history, the caries risk and educational protocols for the parents and caregivers. The oral health assessment will provide the students a baseline for treatment plan and follow ups, based on the risk assessment and caries activity. It will expose the students to the concept that a disease management and prevention model can reduce disease and improve patient outcomes.

The target population for this elective will be teenager mothers. They will receive information about oral health assessment; caries risk assessment, education and preventive services for themselves and for their babies.

*Assessment Training* – 1 hour

- Initial Training containing all the basic information in the Infant Oral Health Practices

    - Project Description: Each student will select a specific topic/area to present
    - In addition, oral hygiene aids can be created to leave out at the school

*Faculty Meeting* :  1 hour

- Each student will schedule an individual meeting with Dr. Perez for project follow-up /feedback

*Project Presentations Session via Zoom*:  2 to 3 hours

- A time will be scheduled for students to share/present their topic to the teenager mothers

- Examples from areas of interest focused towards the infants and the teenager mothers to be presented are the following:

    - Oral Health Topics – Oral Examination, Nutrition, Habits, Oral Hygiene Practices, Caries Etiology/Transmission, Prevention, Establishment of Dental Home and Frequency of Examinations

- Other classes and groups of students/staff can be invited for the presentations.

Limited to 10 students

# IV. Course Outline

Infant Oral Health Assessment Training – 1 hour

Faculty Meeting: 1 hour

Project Presentations Session: 2 to 3 hours

# V. Course Material

**TEXTBOOK and ARTICLES**

- Nowak, et. al, *Pediatric Dentistry: Infancy through Adolescence*, 6th ed. Elsevier Saunders 2019. Chapter 14 Examination, Diagnosis and Treatment Planning of the Infant and Toddler.
- American Academy of Pediatric Dentistry. Perinatal and Infant Oral Health Care. The Reference Manual of Pediatric Dentistry, https://www.aapd.org/globalassets/media/policies_guidelines/bp_perinataloralhealthcare.pdf

- American Academy of Pediatric Dentistry. Policy on Early Childhood Caries (ECC): Classifications, Consequences, and Preventive Strategies. The Reference Manual of Pediatric Dentistry; 2020:79-81.
https://www.aapd.org/globalassets/media/policies_guidelines/p_eccclassifications.pdf
- American Academy of Pediatric Dentistry. Oral Health Care for the Pregnant Adolescent. The Reference Manual of Pediatric Dentistry; 2020:267-
https://www.aapd.org/globalassets/media/policies_guidelines/bp_pregnancy.pdf

# VI. Course Objectives

At the end of this elective course, the student will be able to:

1. Assess the oral health of infants from 0 to 3 years old
2. Develop an understanding of early prevention of oral disease
3. Be able to design a preventive treatment plan
4. Be able to design an early intervention strategy
5. Practice and understand the importance of parental oral health education
6. Appreciate the special health care needs of the pregnant adolescent

# VII. Course Competencies

This course contributes to teaching the following UFCD Competencies:

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.
> 8: Diversity: Manage a diverse patient population and have the interpersonal and communication skills to function successfully in a multicultural work environment.

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, including caries management.

# VIII. Evaluation

The students will be evaluated by their clinical activity logs and completed project.

Students will be graded Satisfactory or Unsatisfactory based on the criteria below:

S=Training completion, completed project and presentation.

U=Failure to complete any of the above.

# 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-polices/

# X. Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.