

# DEN8290L: Hospital Dentistry for Adults with Developmental Disabilities

## Course Description:

A hospital rotation with an additional a session in an outpatient dental clinic that treats adults with developmental disabilities designed to orient the dental student to procedures and protocol related to hospital dentistry.

## I. General Information

Course Director: Timothy Garvey, DMD

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Phone: 352-955-5616

Course Credits: 1

Semester: 3DN Fall (semester 7), 3DN Spring (semester 8), 4DN Summer (semester 9), 4DN Fall (Semester 10), 4DN Spring (Semester 11)

## Contributing Faculty

Annetty P. Soto DMD

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## II. Course Goals

The goal of this elective is to develop deeper understanding of dental evaluation and treatment using general anesthesia, including a description of the risks and benefits of providing care in a hospital setting.

The student is expected to attend one and a half days in a UF Health OR setting in addition to a half day in an outpatient dental clinic design to care for the oral health needs of adults with developmental disabilities. A log sheet must be signed by the attending faculty on the day to confirm attendance. (Cumulative time 2 days.)

## III. Course Overview

### Registration:

1. Interested students must complete an [elective course enrollment form](#) that must be signed by the Course Director, and submitted to the Office of Academic Affairs for enrollment in this elective course.
2. Sign up for the clinical sessions in Canvas and print out the log sheet posted there and take it to the clinical sessions for signature.
3. Students are required to complete the reading assignment provided prior to hospital rotation. The assignment consists of reading a text chapter and searching common drugs used for conscious, deep conscious sedation and general anesthesia.
4. After students complete the reading assignment, they must bring a copy to their first OR encounter. Dates and location for the hospital rotation are poste in Canvas. This rotation occurs primarily at the UF Health ambulatory surgical centers. Patient with unique medical conditions may be treated as inpatient at UF Health Shands Hospital. Understanding of hospital operating room protocols is mandatory.
5. Upon completion of the rotation, and within 48 hours, students will submit a clinical reflection essay based on their experience in the OR and the outpatient dental clinic. Students will submit an essay on the assignment published in Canvas.

### Course Hours:

Lecture: Orientation to this course: 1 hr.

Reading Assignment: 1 hour

Clinical observation: 16 hrs.

Assignments: Clinical Reflection Essay: 2 hrs.

#### IV. Course Material

##### **Required reading**

Treating the dental patient with a developmental disorder. Reference & Research Book News. 2012;(5).

<http://search.ebscohost.com/login.aspx?direct=true&AuthType=ip,uid&db=edsgao&AN=edsgcl.304011990&site=eds-live>.

Accessed March 5, 2020.

##### **Optional resource:**

[HSC Dental Library Guide](#)

#### V. Course Objectives

**At the conclusion of this rotation, students will be able to:**

- **Observe a variety of clinical procedures.**
- **Review a hospital medical record including:**
  - a. History and Physical (H&P)
  - b. Consent and financial information
  - c. Operative report
  - d. Progress notes
  - e. Discharge note
- **Communicate professionally with other health care practitioners**
- **Describe the appropriate operating room protocol**
- **Identify the procedures performed in an outpatient clinic setting including the use of intravenous sedation.**
  - a. Management of the airway during the sedation.
  - b. Discuss medications commonly used for sedation; their benefits and risks.
- **Critically reflect on the clinical experience.**

#### VI. Course Competencies

This course teaches to the following competencies in the ["Competencies for the New Dental Graduate"](#).

- 1: Critical Thinking: 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.
- 4: Ethical Standards: Apply the 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.

#### VII. Course Evaluation

The Hospital Dentistry for adults with developmental disabilities rotation is graded as Satisfactory/Unsatisfactory. **Attendance is mandatory. All clinical observations and assignments are mandatory before the end of the semester.**

<b><u>Grade Sheet for attendance, participation and professionalism</u></b>	<b>S - Satisfactory</b>	<b>U - Unsatisfactory</b>	<b>Not Applicable</b>
<b>A. <u>Prior operating room rotation</u></b>			
1. <b>Reviews the hospital medical record</b>			
2. <b>Discusses basic pharmacology concepts related to sedation</b>			
3. <b>Communicates professionally with other health care providers</b>			
4. <b>Identifies patient consents and financial arrangements</b>			
<b>B. <u>Treatment in the Operating room</u></b>			
1. <b>Describes the appropriate operating room protocol</b>			
2. <b>Discusses the provision of oral health care appropriate for operating room</b>			
3. <b>Provides patient/ caregiver discharge instructions</b>			

**Post critical reflection writing assignment:**

**Prompt (minimum of 250 words):**

**Reflect on the patient care experience(s) you participated in on this rotation in which you learned something new about the role of a dentist in caring for patients with special needs;**

- **At the individual level (patient/dentist),**
- **At the institutional level (models of health care delivery), and**
- **At the societal level (financing, policy).**
- **Discuss if any of your assumptions were challenged or validated in this rotation?**

<b>Criterion</b>	<b>Satisfactory Critical Reflection</b>	<b>Unsatisfactory Critical Reflection</b>
Writing spectrum	Movement beyond reporting to analyze the event. Exploration and critique of assumptions, values, beliefs, and/or biases, and the consequences of action (present and future)	Superficial descriptive writing approach (fact reporting, vague impressions) without reflection or introspection.
Presence	Sense of writer being largely or fully present.	Sense of writer being partially present
Attending to emotions	Recognition, exploration, attention to emotions, and gain of emotional insight.	Little or no recognition or attention to emotions.

Analysis and meaning making	Comprehensive analysis of meaning making.	No analysis or meaning making connections
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Adapted from Wald, HS et al, Fostering and Evaluating Reflective Capacity in Medical Education: Developing the REFLECT Rubric for Assessing Reflective Writing. *Academic Medicine*. 2012; 87:41-50.

Students will receive a Satisfactory (S) grade based on:

- attendance, participation, professionalism,
- submission of a complete/signed clinical log (2 days)
- satisfactory grade based on the Reflection Paper rubric

Students will receive an Unsatisfactory (U) grade based on:

- lack of attendance, participation, professionalism,
- non-submission of a complete/signed clinical log (2 days)
- unsatisfactory grade based on the Reflection Paper rubric

### 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/>

### Grade Scale

This course uses a Satisfactory/Unsatisfactory grade scale.