DEN8828L Clinical Pediatric Dentistry

Spring 2021

Course Description:
Advanced comprehensive dental care of the pediatric dental patient.

I. General Information

Course Director:

<table>
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<tr>
<th>Course Director:</th>
<th>Christopher Connell</th>
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</thead>
<tbody>
<tr>
<td>Office:</td>
<td></td>
</tr>
<tr>
<td>Email:</td>
<td><a href="mailto:CConnell@dental.ufl.edu">CConnell@dental.ufl.edu</a></td>
</tr>
<tr>
<td>Phone:</td>
<td>(352) 273-7631</td>
</tr>
<tr>
<td>Course Credits:</td>
<td>1</td>
</tr>
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<td>Semester:</td>
<td>Spring</td>
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Contributing Faculty

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<thead>
<tr>
<th>Name</th>
<th>Phone</th>
<th>Email</th>
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<tbody>
<tr>
<td>Abimbola Adewumi</td>
<td>(352) 273-7643</td>
<td><a href="mailto:aadewumi@dental.ufl.edu">aadewumi@dental.ufl.edu</a></td>
</tr>
<tr>
<td>Timothy Garvey</td>
<td>(352) 392-4131</td>
<td><a href="mailto:TGARVEY@dental.ufl.edu">TGARVEY@dental.ufl.edu</a></td>
</tr>
<tr>
<td>Marcio Guelmann</td>
<td>(352) 273-7635</td>
<td><a href="mailto:MGUELMANN@dental.ufl.edu">MGUELMANN@dental.ufl.edu</a></td>
</tr>
<tr>
<td>Edna Perez</td>
<td>(352) 273-7643</td>
<td><a href="mailto:EdnaPerez@dental.ufl.edu">EdnaPerez@dental.ufl.edu</a></td>
</tr>
<tr>
<td>Teemar Carey</td>
<td>(352) 273-7643</td>
<td><a href="mailto:TCarey@dental.ufl.edu">TCarey@dental.ufl.edu</a></td>
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II. Course Goals

The main goal of this clinical course is to develop a general practitioner who is competent in providing basic oral health care to the child patient at the appropriate level and to certify readiness to begin independent practice.

The Department of Pediatric Dentistry advocates a philosophy of total patient care to achieve these competencies. While students do not provide comprehensive care to their patients, departmental faculty members are responsible for assuring the overall care for the patient during this block rotation.

III. Course Overview

This rotation emphasizes more advanced clinical skills involving diagnosis, treatment planning, informed consent and preventive and therapeutic procedures for the pediatric patient. Three patient competency assessments are required: 1) a new patient or recall examination, 2) a restorative or a simple surgical procedure not evaluated in a prior rotation. In addition, two simulation competency assessments will be required: 1. Class III composite resin on the MF surface of a maxillary primary central incisor and 2. a composite resin strip crown on the adjacent maxillary primary central incisor with dental dam isolation with floss ligation. A case-based seminar in a small group instructional setting is provided supported by assigned reading of several research-oriented articles on the management of pediatric dental emergencies.

IV. Course Outline

This 28 hour block rotation occurs in semester 11 and is the terminal clinical experience in pediatric dentistry.
The student will attend to the following itinerary during their week rotation:

Monday & Tuesday
7:45am-8:00am: Orientation (Monday only)
8:00am-11:30am: clinic
1:45 pm-5:00pm clinic

Wednesday
8:00 am -11:30 am clinic / No clinic in the afternoon

Thursday
8:00am - 11:30 am clinic
1:30pm -4:00pm (Seminar- Conference Room D11-11)

Friday
8:00am -12:00 pm clinic

Everyone will need to make sure they bring their Blood pressure cuff to the Clinic

V. Course Material


(As required in DEN 7452L)

Supplemental Readings: Chapter 15: Introduction to Dental Trauma: Managing Traumatic Injuries in the Primary Dentition and Chapter 34: Managing Traumatic Injuries in the Young Permanent Dentition

ECO Documents Section: Orientation handout, assigned readings for the seminar, simulation exercise manual and competency assessment evaluation forms.

Dental Lib Guide: http://guides.uflib.ufl.edu/dental
VI. Course Objectives

Attend all assigned rotation dates while providing pediatric patient care in a competent and professional manner for the following: new patient and recall examinations, medical and dental history collection, diagnosis and treatment planning, restorative and simple surgical procedures.

VII. Course Competencies

VIII. Evaluation

Student evaluation is based upon the following course components:

1. Attendance
2. Competency Assessments
3. Quality of Performance
4. Professionalism and Patient Management
5. Productivity

Attendance and required competency assessment completion are mandated.

1. Attendance: Mandatory 100% attendance is required, along with preparation and participation in the case-based seminar.

Excused absences: Any planned absence must be excused by the course director. The Office of Education must be informed of any unplanned absence, such as illness or personal emergency, that morning and the absence must be made-up by end of the semester. Make-up session(s) are arranged by the Office of Education. Depending on the circumstances of the unplanned excused absence(s), consideration may be given to the issuance of an "I" grade in the course. Otherwise, students without 100% attendance by the end of the semester will receive an "E" in the course and given a maximum of 4 weeks into the next semester to remediate to a "D" grade in the course.
If changes are needed to be made, this must be approved by the Course Director and the appropriate form needs to completed and signed. In addition, the Office of Education has to be informed as well.

The following are unacceptable reasons for changes to the rotation schedule:

- Taking National Boards

- To complete requirements or to work in another clinic or rotation

- For an Interview unless a reasonable attempt has been done for another date

Unexcused absences: A student late for any session by 20 minutes or more will have to make-up the session. Any student leaving the clinical session without instructor approval will have to also make up a session and will receive no credit for procedures completed during that session. Any student with an unexcused absence will have to make-up the session by the end of the semester and will automatically receive one lower grade than earned in the course for each infraction. Students are not allowed to switch individual sessions with another student but may switch an entire rotation with another student if arranged in advanced with approval of the Office of Education.

All make-up sessions need to be arranged by the Office of Education. Any student that completes a missed session without authorization of the Office of Education and the course director will received a lower grade than the one earned in the course for every infraction.

2. Competency Assessments: There are 6 required competency assessments. (see Documents Section for sample competency assessment forms) including the required case-based seminar. Faculty are the preferred evaluators for a student's self-assessment and competency assessments, but residents may also assist with evaluation of the student, if faculty are unavailable. The required competency assessments are as follows:

1 Simulation Competency assessments on a Typodont using rubber dam isolation with ligatures

1. Composite resin strip crown (D2390) on tooth E.

All simulation competency assessments are preceded by instructional exercises that provide student practice with faculty feedback (see Documents Section for Instructional Manual).
One Case-based Seminar: A case-based seminar in a small group instructional setting is provided based upon assigned reading of several articles on the management of pediatric dental emergencies and techniques. The articles and readings are posted in the Document section of this course. A competency assessment will be given on the day of the seminar. The grading is Pass/Fail and it will consist of 5 questions (Pass Grade 60% = 3 correct answers out of 5 questions).

Failure to pass the quiz:

◦ One remediation will be given the same day of the Seminar..

◦ If unable to pass the 2nd time, the student will have to attend another Friday Seminar and retake the quiz.

1 Clinical Patient Care Competency Assessments

1. New patient (D0150), or recall (D0120) examination

The simulation exercises require a completion of a self-assessment form for each one which is based on a satisfactory/unsatisfactory score. The student elects when to challenge a competency assessment. The simulation competency assessment is best challenged when patient care is not available due to a cancelled or broken appointment. Simulated competency assessments require student self-assessment of performance prior to requesting faculty evaluation. The student is expected to independently perform the competency assessment without outside guidance or critique. Any student obtaining outside assistance will fail the competency assessment and must repeat it. If a critical error is made in any of the specific evaluation criteria, the competency assessment must be repeated.

For a clinical patient competency assessment(s), 2 attempts are allowed.

For simulation competency assessment(s), 3 attempts are allowed.

If unsuccessful, a remediation program is established by the course director. The remediation plan will entail the completion of designated simulation exercises related to the failed competency assessment. The remediation plan exercises have to be completed prior to challenging another clinical and/or simulation competency assessment. The remediation schedule should be arranged with the Course Director and the Office of Education, if it cannot be completed during the scheduled rotation week.

Competency assessments are pass/fail. Critical errors leading to failure are identified on the competency assessment grading forms. The student will fail the competency assessment if any critical error in any category is noted.
Feedback is provided to students during competency assessments for each evaluation criteria listed on the form, but the overall competency assessment is graded on a pass/fail basis. (See competency assessment forms in Documents section).

Failure to satisfactorily complete the required competencies during the assigned rotation will require additional clinic sessions before the end of the semester. As with absences, make-up session(s) are arranged by the Office of Education. Depending on the circumstances, the course director may give consideration to the issuance of an "I" grade in the course.

Students must pass all competency assessments to receive a passing grade in the course.

3. Quality of Performance: The student is globally evaluated following each patient encounter for the overall quality of care rendered based upon the same 4-1 scale and criteria listed above.

4. Professionalism and Patient Management: The student is evaluated following each patient encounter based upon the criteria established by the UFCD (see Documents Section for details). Scoring is based on a 4-1 scale. The lowest score in all of the five following sections is the single score recorded for that patient encounter.

1. Evidence-based judgment 
2. Interpersonal skills and use of behavior management strategies
3. Compliance with infection control standards
4. Time management
5. Preparation for procedure

5. Productivity: Productivity is based on the total accumulation of RVUs earned during the rotation. (See attached table in the document section of th procedures point scale). The student is therefore rewarded for generation of procedures or when assisting another dental student. Each procedure is assigned an RVU based upon the anticipated time that a typical student would require to complete the procedure. Each minute of patient contact is equal to 1 RVU.

Pediatric Dentistry Clinical Rotations

Procedures Point Scale
- On a patient, each sealant is 20 points to a maximum of 50 points (i.e., 7 sealants on the same patient will count for a total of 50 points)
- Codes for anterior composite: 1 surface (D2330); 2 surfaces (D2331); 3 surfaces (D2332); 4+ surfaces (D2335)
- Codes for posterior composite: 1 surface (D2391); 2 surfaces (D2392); 3 surfaces (D2393)
- Codes for stainless steel crown: primary tooth (D2930); permanent tooth (D2931)
- Codes for pulpal therapy: indirect pulp cap (D3120); direct pulp cap (D3110); pulpotomy (D3220)
- Codes for prophylaxis: child (under 12 y. old) prophylaxis (D1120); adult prophylaxis (D1110)

At the end of the course, the students assigned to a week period with the same amount of patients will be gathered together. The grade will be based on the average amount of RVU's during those weeks and calculated into a grouped quartile.

4.00 = total RVU production in the upper quartile
3.75 = total RVU production in the second and third quartiles
3.50 = total RVU production in the lower quartile

Course Grading Criteria

The final course grade is calculated using these weighted factors:

Quality Performance - average score given at each patient encounter = 10%
Professionalism - average score given at each patient encounter = 10%
Productivity - score based on RVUs produced = 80%

3 Competencies - Pass or Fail

Course Remediation: See description under "Attendance" and "Competencies" above.

Instructor Evaluation Process:

Evaluation process in accordance with the UF Policy on Course Syllabi.

“Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at https://gatorevals.aa.ufl.edu/students/. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via https://ufl.bluera.com/ufl/. Summaries of course evaluation results are available to students at https://gatorevals.aa.ufl.edu/public-results/.”

Honorlock will proctor your exams this semester. Honorlock is an online proctoring service that allows you to take your exam from the comfort of your home. You DO NOT need to create an account, download software or schedule an appointment in advance. Honorlock is available 24/7 and all that is needed is a computer, a working webcam, and a stable Internet connection. To get started, you will need Google Chrome and to download the Honorlock Chrome Extension. You can download the extension at www.honorlock.com/extension/install.
When you are ready to test, log into the LMS, go to your course, and click on your exam. Clicking Launch Proctoring will begin the Honorlock authentication process, where you will take a picture of yourself, show your ID, and complete a scan of your room. Honorlock will be recording your exam session by webcam as well as recording your screen. Honorlock also has an integrity algorithm that can detect search-engine use, so please do not attempt to search for answers, even if it's on a secondary device. Good luck! Honorlock support is available 24/7/365. If you encounter any issues, you may contact us by live chat, phone (844-243-2500), and/or email (support@honorlock.com). If you encounter issues within the LMS, you may contact Your School's Online Support Services team at their number.

Remediation:

See description under "Attendance" and "Competencies" 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-policies/

X. Grade Scale

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<th>Letter Grade</th>
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<td>Scale</td>
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<tr>
<td>Tolerance</td>
<td>0.05 (Final letter grades within this range will be rounded up.)</td>
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