



CDM 3605 - Co-Management of Comprehensive Care Patients in Orthodontics

I. Course Information

Course: CDM 3605 - Co-Management of Comprehensive Care Patients in Orthodontics
Semester Credit Hours: 1.0
Course CRN and Section: 24096 - P01
Semester and Year: Fall 2021
Course Start and End Dates: 07/26/2021 - 12/12/2021

II. Instructor Information

Professor: Chin Yu Lin
Email: clin@nova.edu
Phone: 964-262-1755
Office Hours:
 Monday & Wednesday (9AM-12PM; 2PM-4PM). By appointment only. Please send the request by
 Email: Clin@nova.edu.

III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
	07/26/2021 - 12/12/2021		Ft Lauderdale/Davie Campus	-

IV. Course Description

In order to provide pre-doctoral students with clinical experience in orthodontics, third year students will be assigned to an orthodontic resident to co-manage the care of an orthodontic patient. The student will work with the resident in providing the patient's orthodontic treatment in the assigned rotation time, in the postgraduate clinic, throughout the third year. It is important to emphasize that active participation is expected of the pre-doctoral student in provision of orthodontic care. Observation-only is not permitted. Students are expected to be conversant with the patient's diagnosis and treatment plan, to cement brackets or bands, remove and place archwires, and be fully involved with all aspects of care. The orthodontic resident will submit a grade to the faculty on the student's performance. The pre-doctoral student will work with the postgraduate orthodontic student in all phases of orthodontic care, including examination, diagnostic record taking, analysis, diagnosis, differential diagnosis, and treatment planning. The pre-doctoral student will join the postgraduate student in the postgraduate clinic for the patient's orthodontic appointments, assisting in all phases of clinical care.

V. Course Objectives / Learning Outcomes

Course Learning Outcomes

At completion of the pre-doctoral orthodontic clinical experience, the student is expected to have a fundamental foundation in the following areas:

1. Ability to distinguish limited orthodontic problems treatable by a general practice dentist, and

- comprehensive orthodontic problems best managed by referral to an orthodontic specialist.
2. Ability to take diagnostic records with assistance of orthodontic technician or orthodontic resident, and evaluate same in preparation of a diagnosis, differential diagnosis, and treatment plan.
 3. Competency in diagnosing malocclusion.
 4. Proficiency in treatment planning limited tooth movement problems.
 5. Appreciation of the need for retention appliances, and management of such retention
 6. Appreciation of the limitations of all types of orthodontic treatment in attaining clinical goals.
 7. Proficiency in consulting with other dental disciplines and making use of their expertise in order to best meet the patient's needs.

COLLEGE OF DENTAL MEDICINE COMPETENCY STATEMENTS Faculty Note: Use the most updated version of the CDM Predoctoral Competency document to select the corresponding competencies for this course. Be sure to select the number of the competency statement and the verbatim competency as it appears on the competency document. For each competency indicate the type of assessment (formative or summative) that will be employed to measure the attainment of the competency.

Core Competencies:

1. Graduates must be competent in patient assessment, diagnosis, comprehensive treatment planning, prognosis, and informed consent. [*CODA Predoctoral Standard 2-24(a)*] The formative assessments is performed based on the orthodontic rotation form as listed below.
 3. Graduates must be competent in recognizing the complexity of patient treatment and identifying when referral is indicated. [*CODA Predoctoral Standard 2-24(c)*] The formative assessments is performed based on the orthodontic rotation form as listed below.
 14. Graduates must be competent in managing malocclusion and space management. [*CODA Predoctoral Standard 2-24(n)*] The formative assessments is performed based on the orthodontic rotation form as listed below.
 19. Graduates must be competent in the application of biomedical science knowledge in the delivery of patient care. [*CODA Predoctoral Standard 2-15*] The formative assessments is performed based on the orthodontic rotation form as listed below.
 26. Graduates must be competent in the use of critical thinking and problem-solving, including their use in the comprehensive care of patients, scientific inquiry and research methodology. [*CODA Predoctoral Standard 2-10*] The formative assessments is performed based on the orthodontic rotation form as listed below.
 27. Graduates must demonstrate competence in the ability to self-assess, including the development of professional competencies and the demonstration of professional values and capacities associated with self-directed, lifelong learning. [*CODA Predoctoral Standard 2-11*] The formative assessments is performed based on the orthodontic rotation form as listed below.
- This refers to the same as the items in the CDM Competency Document

FOUNDATION KNOWLEDGE STATEMENTS FOR THE GENERAL DENTIST

1. Apply knowledge of molecular, biochemical, cellular, and systems-level development, structure and function to the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health. (JCNDE FK1)
2. Apply knowledge of the principles of genetic, congenital and developmental diseases and conditions and their clinical features to understand patient risk in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health. (JCNDE FK4)

VI. Materials and Resources

Course Required Texts and Materials: Proffit, W. R., Fields, H. W., & Sarver, D. M. (2013). *Contemporary Orthodontics* (5th ed.). St Louis, MO: C.V. Mosby. ISBN 978-0-323-08317-1

Faculty Note: Please indicate the textbooks that are **required** for the class and if available, hyperlinks to the textbook. Also, indicate if there are articles or links to required readings that are required for the class *and* the site where the articles are available for the student (such as Canvas, library, database).

Course Supplemental Materials:
Not required.

Supplemental, Recommended, Optional, NOT required

The access to all instructional resources included in this course, such as, lectures, handouts, manuals, PowerPoint presentations, videos, photographs, pictures, articles and web links is limited to students who are enrolled in the course and is not for public distribution. The use of these instructional resources is exclusively for non-commercial and non-profit educational use. Students are recommended to download the instructional resources provided in the course, UNLESS, the course director instructs NOT to download specific files. We recommend that all students download, save, and keep the instructional materials from all the courses. These instructional resources will be very helpful references as you progress from year to year in the program.

VII. Course Schedule and Topic Outline

Course Schedule:

Students attend the assigned rotation dates at the Postdoctoral Orthodontic Clinic (Monday-Friday, 10:00AM-12:00PM & 2:00PM-5:00PM).

1. Clinical hours in Postgraduate Orthodontic Clinic: 10AM-12PM; 2PM-5PM.
2. Predoctoral students should not change the assigned rotation time without a permission from Dr. Lin.
3. Predoctoral students should present on time at the beginning of the clinical session (10:00 AM; 2:00 PM) and get a sign-in signature from the attending faculty. Any presence after 10:00 AM or 2:00 PM is considered as a late presence.
4. It is mandatory for predoctoral students to stay in the clinic at all time (10AM-12PM; 2PM-5PM). At the end of the session (12:00PM; 5:00 PM), student should get a sign-out signature from the attending faculty.
5. Predoctoral students should finish a rotation report as listed below and submit it to Dr. Lin at the end of the clinical session. If Dr. Lin is not available, please submit it to the faculty leader in each clinical session.
6. Predoctoral students should follow their assigned postgraduate orthodontic residents during the rotation (one predoctoral student per resident).
7. Predoctoral students should actively participate in the clinical operation as assistants to postgraduate residents,
8. Predoctoral students should follow the instruction of supervising faculty.
9. Predoctoral students should avoid chatting among each other and other activities interfering with the learning of postgraduate orthodontic residents.
10. Please contact Predoctoral Orthodontic Director Dr. Chin Yu Lin in the clinic or in the office (room 4318) if any help is needed. If Dr. Lin is not available during the time, please contact the faculty in charge in each clinical session.

Topic Outline:

Clinical Rotation

“Important note – Please note that due to the current Coronavirus pandemic, course schedules and course activities may be modified now and in future. Faculty and students are responsible for keeping apprised of these changes and adjusting their schedules accordingly.”

VIII. Instructional Methods

In this section of the syllabus you will find information about any course (instructional, assessment, assignments, benchmarks and/or clinical) modifications that were added to the course as a result of COVID-19

There is no change of instruction method as a result of COVID-19.

IX. Assignments

Description of Assignments, Point Value and Rubrics

Date: _____ Name of student: _____ Name of resident: _____

Case report: Initial of patient's name: _____

- **Initial Craniofacial Skeletal Status**
 - Maxilla (Pro-, Ortho-, or Retro-gnathic): _____;
 - Mandible (Pro-, Ortho-, or Retro-gnathic): _____;
 - Maxilla-Mandible relationship (Class I, II, or III): _____
 - Growth Status (CVMS stage): _____
 - Independently recognize the growth status: Yes _____; No _____
- **Initial Classification of Malocclusion**
 - Molar classification: Angle's _____; Andrew's _____
 - Canine classification: _____
 - Independently recognize the malocclusion: Yes _____; No _____
- **Initial Orthodontic Treatment Plan & Biomechanic Design**
 - Extraction or not (Which tooth was planned to be extracted)?
- How to level & align?

Please circle the design	Intrusion		Extrusion	
	Absolute	Relative	Absolute	Relative
Maxillary anterior teeth				
Maxillary Posterior teeth				
Mandibular anterior teeth				
Mandibular Posterior teeth				

- How to correct the intermolar and intercanine relationship?

Please circle the design	Direction of Tooth movement		
	Move mesially	Stay	Move distally
Maxillary canines			
Maxillary molars			
Mandibular canines			
Mandibular molars			

- How to close the extraction spaces?

Please write the design	Anchorage Type	Sliding or Closing loop
Maxillary arch		
Mandibular arch		

- How to finish the case in detailing the alignment & occlusion?
- What kind of retainer was planned?
- **Orthodontic Procedure done today and its purpose?**
- **What is your active role today in the clinic? (Details needed)**

	Initial of students	Initial of residents	Initial of faculty
Sign in (10:00)/(2:00)			
Sign Out (12:00)/(5:00)			
Clean the dental unit			
Set up the dental unit			
Cellular phone use prohibited			
Computer use prohibited			
One student per resident			
Quizzed by faculty			

- **Failure to comply with the rotation policies may result in failure of this course.**

X. Grading Criteria

Provide a List of all the graded work in the course (Assessments, Class Activities, Classwork and Assignments) with Point or Percentage Values, or required Completion item.

Grading Scale:

1. This course is graded in Pass/Fail format.

2. Students must complete the assignments according to the format above to obtain a “PASS” grade. **Course Final Grade Mode for the course (Pass/Fail, PR/NPR or Letter Grade). For a continuum course, please specify the grade mode for each semester.**

Final Course Grade:

Summer Semester: PR/NPR

Fall Semester: PR/NPR

Winter Semester: Pass/Fail

Course Grading Scale

Letter Grade	GPA	Equivalence
A	4	93 to 100
A-	3.75	90 to < 93
B+	3.5	86 to < 90
B	3	83 to < 86
B-	2.75	80 to < 83
C+	2.5	76 to < 80
C	2	70 to < 76
F	0	<70

XI. Course Policies

COURSE ATTENDANCE REQUIREMENTS, REMEDIATION POLICY, ALL CDM POLICIES

Attendance Policy : Please refer to appropriate pages of the NSU-CDM 2020-2021 Student Handbook.

Link to the handbook:

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%202020%20CDM%20PreDoctoral%20Student%20Handbook.pdf?wa=wsignin1.0>

Remediation Policy: Please refer to appropriate pages of the NSU-CDM 2020-2021 Student Handbook.

“Successful completion of each CDM course requires compliance with the CDM Code of Behavioral Conduct.”

CDM College Attendance Policy Please note that, the Office of Admissions, Student Affairs and Services manages excused absences including sick days, mission trips, dental meetings, externships, interviews, family events, and other personal leave time, etc. and all student absences will continue to be tracked in axiUm. (Please refer to NSU Wide Religious Holidays Policy in the Student Handbook.) • Planned excused absences: please fill out the appropriate paperwork, with backup documentation (e.g. physician’s note), and submit on the online portal for the Office of Student Services prior to the scheduled absence, so that we can approve the leave time, and help you map out a plan to make up the work. It is the student’s responsibility to inform the course director for any courses you will be missing, your team leader for any clinic sessions that will be missed and/or the Coordinator of Extramural Programs (Dr. Mairelina Godoy), etc. of your planned absence(s). • Unplanned excused absences: please email Dr. Galka at agalka@nova.edu with a cc to cdmservices@nova.edu to report that you will be out, the reason for your absence and to also let us know if you plan to return to school the following day. You should also email the course director for any courses you will be missing, Dr. Mairelina Godoy mg1189@nova.edu for any rotations you will be missing and/or your team leader for any clinic sessions scheduled for that day. You must continue to email us daily to keep us updated if you will be out additional days and you can submit your SREA form together with backup documentation when you know the date you will return to school. • The student will be responsible for making up all missed rotations, all material presented in lectures, all laboratory projects, all written and practical examinations (including OSCEs) and must fulfill all didactic

and clinical responsibilities as outlined in the individual course syllabi. Also, please review the attendance policy in the individual course syllabi. • Please do not schedule externships or interviews when you are scheduled for an examination or rotation. • Remember, it is your responsibility to reach out to our office for any unexcused absences to see if these fall under excused absences and/or to see how the unexcused absence will be managed. Also, please contact Dr. Mairelina Godoy directly to arrange makeup of any and all missed rotations, which will take place during optional clinic weeks. • Every student will be able to take 1 Personal Day/per Semester (3 Personal Days/Academic Year) with NO BACKUP DOCUMENTATION REQUIRED, provided the day(s) are not taken when you are scheduled for a rotation, written examination, practical/competency examination, OSCE or taken directly before/after a school holiday, etc. These absences will be managed through our office and designated as excused absences, provided our office is notified by email in advance or on the day of the absence. (Please indicate in the email if you will be using a personal day and designate D-1, D-2, D-3 or D-4 student.) For any additional absences to the 1 Personal Day/per semester, or in the event that you will be missing a written examination, a preclinical or clinical practical/competency examination, including an OSCE, or rotation, backup documentation WILL be required. Again, it is the student's responsibility to notify all course directors, team leaders, and/or the Coordinator of Extramural Programs, etc. affected by your absence(s). Please check your individual schedule before requesting a personal day, to be sure that you will not be missing a rotation or an exam. A personal day will be recorded as a full day. (Half days cannot be requested.) A personal day must be requested on or before the day in question and cannot be used retroactively. **COVID-19 Protocol (subject to change)**1. NO STUDENT IS TO COME TO SCHOOL SICK- if you do not feel right- please do NOT come to school. Email Dr. Galka- Assistant Dean for Admissions, Student Affairs and Services (agalka@nova.edu) 2. If a student has had direct/close contact with someone who has been infected with COVID-19 or is experiencing COVID-like symptoms- immediately self- isolate/quarantine. Email Dr. Galka and Dr. Schweizer- Director Infection Prevention Programs (schweize@nova.edu). a. Direct Exposure/ Asymptomatic: test on day 7- if negative test result- can come back after 10 days : if NO test- quarantine 14 days b. Symptomatic (with or without Direct Exposure): test immediately and then again on day 7- if negative test result on day 7- can come back after 10 days : NO test- quarantine 14 days and must be symptom-free for 72 hours 3. If a student tests positive for COVID-19: remain self-isolated. To return to school: student needs to have 2 consecutive negative test results in a row (at least 24 hours apart). 4. Students who are in quarantine, need to contact both Dr. Galka and Dr. Hernandez (marher@nova.edu) to determine if they can participate in online courses during this time

XII. University Policies

Section XII. University Policies:

Class content throughout this course may be recorded in accordance with the NSU Class Recording Policy. If class content is recorded, these recordings will be made available to students registered for this course as a supplement to the classroom experience. Recordings will be made available to all students who were registered to attend the live offering of the class, regardless of a student's section or discipline, or whether the student is participating in the course online. If recordings are intended to be accessible to students or third parties who were not registered for the live offering of the class, students' personally identifiable information will be removed or redacted from the recording, unless (1) their written consent to such disclosure was previously provided, or (2) the disclosure is permissible in accordance with the Family Educational Rights and Privacy Act ("FERPA").

Students are prohibited from recording audio or video, or taking photographs in classrooms (including online classes) without prior permission from the instructor or pursuant to an approved disability accommodation, and from reproducing, sharing, or disseminating classroom recordings to individuals outside of this course.

Students found engaging in such conduct will be in breach of the Student Code of Conduct and subject to disciplinary action.

Academic Integrity: Cheating or inappropriate behavior during any written examination, quiz, any assignment, any project; plagiarism of any work(s), or other unethical behavior will not be tolerated; the

student risks receiving a grade of zero (0) for said examination, quiz, assignment, project and may be referred to the Associate Dean for Academic Affairs and the Student Progress Committee. Please refer to appropriate pages of the NSU-CDM 2020-2021 Student Handbook. and the NSU Student Handbook located at

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%20and%202020%20CDM%20PreDoctoral%20Student%20Handbook.pdf?wa=wsignin1.0> .

Plagiarism Policy: All assignments, exams, works, patient care - written, laboratory, oral, clinical must be done as the independent work of each individual student. Plagiarism, copying or sharing the work of another or altering documentation to reflect something is your own work that is not; reflect false attendance, are considered serious offences that will not be tolerated. THESE ACTIONS WILL BE CONSIDERED IN VIOLATION OF THE UNIVERSITY AND THE CDM CODE OF BEHAVIORAL CONDUCT AND WILL BE REFERRED FOR APPROPRIATE ACTION. Students who need assistance in their learning goals should communicate with the appropriate NSU-CDM course director and/or faculty. Please refer to appropriate pages of the NSU and the CDM 2020-2021 Student Handbook. Following a link to the NSU Student Handbook

<https://liverootnova.sharepoint.com/dentmed/Active%20Docs/Policies%20and%20Procedures/Pre%20and%202020%20CDM%20PreDoctoral%20Student%20Handbook.pdf?wa=wsignin1.0>