



*CDM 4170 - Oral Manifestations of Disease*

## I. Course Information

**Course:** CDM 4170 - Oral Manifestations of Disease  
**Semester Credit Hours:** 1.0  
**Course CRN and Section:** 24058 - D01  
**Semester and Year:** Fall 2021  
**Course Start and End Dates:** 07/26/2021 - 12/12/2021  
**Building and Room:** HPD-Assembly I Building - 2106JONA

## II. Instructor Information

**Professor:** Lina Maria Mejia  
**Email:** lm1273@nova.edu  
**Office Hours:**  
 By Appointment

## III. Class Schedule and Location

Day	Date	Time	Location	Building/Room
W	07/28/2021 - 08/11/2021	3:10 PM - 3:59 PM	Ft Lauderdale/Davie Campus	HPD-Assembly I Building- 2106JONA
W	08/18/2021 - 12/08/2021	3:10 PM - 3:59 PM	Ft Lauderdale/Davie Campus	HPD-Assembly I Building- 2102RESN

## IV. Course Description

Oral Manifestations of Diseases is the continuation of the didactic series of courses of Oral Medicine. The course consists of clinical presentation of cases of actual patients with a variety of oral diseases and conditions that could represent a local or a systemic involvement. Each case will be fully discussed as if the patient is at the dental office seeking help for a particular oral problem. The use of this didactic model will allow for the students to apply the skills acquired in previous oral medicine courses into patient management and into the preparation of cases for presentation in the following semester.

## V. Course Objectives / Learning Outcomes

### Course Learning Outcomes

There are a number of diseases that manifest in the oral cavity. Some of them may be a local pathologic process manifesting in the oral cavity only, and other diseases may represent part of a systemic condition, or a manifestation of an adverse effect caused by a medication. In order to achieve a diagnosis for these oral manifestations and to treat them effectively, one must develop a systematic approach of patient management

**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:**

Related Competencies (as defined by educational outcomes):

Use critical thinking and problem solving related to the comprehensive care of patients.

2. Graduates must be competent in screening and risk assessment for head and neck cancer.

**Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-24(b)]***

3. Graduates must be competent in recognizing the complexity of patient treatment and identifying when referral is indicated. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-24(c)]***

11. Graduates must be competent in managing oral mucosal, temporomandibular and osseous disorders. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-24(k)]***

16. Graduates must be competent in providing oral health care within the scope of general dentistry to patients in all stages of life. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-23]***

19. Graduates must be competent in the application of biomedical science knowledge in the delivery of patient care. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-15]***

24. Graduates must be competent in communicating and collaborating with other members of the health care team to facilitate the provision of health care. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-20]***

25. Graduates must be competent in the application of the principles of ethical decision making and professional responsibility. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-21]***

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.

**Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-10]***

28. Graduates must be competent to access, critically appraise, apply, and communicate scientific and lay literature as it relates to providing evidence-based patient care. **Midterm Exam (Formative) Final Cumulative Exam (Summative)**

***[CODA Predoctoral Standard 2-22]***

- This refers to the same as the items in the CDM Competency Document

## **FOUNDATION KNOWLEDGE STATEMENTS FOR THE GENERAL DENTIST**

FK4: 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.

FK6: Apply knowledge of general and disease-specific pathology to assess patient risk in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK7: Apply knowledge of the biology of microorganisms in physiology and pathology in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK8: Apply knowledge of pharmacology in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK9: Apply knowledge of sociology, psychology, ethics and other behavioral sciences in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

FK10: Apply quantitative knowledge, critical thinking, and informatics tools in the prevention, diagnosis, and management of oral disease and the promotion and maintenance of oral health.

## **VI. Materials and Resources**

### **Course Required Texts and Materials:**

#### Required Text:

1. Regezi, Joseph A.. Oral Pathology: Clinical Pathologic Correlations, 7th Edition. Saunders Book Company, 2017
2. Dental Management of the Medically Compromised Patient. Little, Miller, Rhodus, Editors; Ninth Edition; C.V. Elsevier, 2017

#### Required Articles:

1. Thornhill MH, Gibson TB, Cutler E, Dayer MJ, Chu VH, Lockhart PB, O'Gara PT, Baddour LM. [Antibiotic Prophylaxis and Incidence of Endocarditis Before and After the 2007 AHA Recommendations.](#) J Am Coll Cardiol. 2018 Nov 13;72(20):2443-2454. doi: 10.1016/j.jacc.2018.08.2178. Epub 2018 Nov 5. PubMed PMID: 30409564.
2. American Academy of Orthopaedic Surgeons, American Dental Association. Evidence-based prevention of orthopaedic implant infection in patients undergoing dental procedures: evidence-based guideline and evidence report Published online December 18, 2012. [http://www.ada.org/sections/professionalResources/pdfs/PUDP\\_guideline.pdf](http://www.ada.org/sections/professionalResources/pdfs/PUDP_guideline.pdf)
3. Sollecito TP, Abt E, Lockhart PJ, Truelove E, Paumier TM, Tracy SL, Tampi M, Beltrán-Agullar ED, Frantsve-Hawley J. The use of prophylactic antibiotics prior to dental procedures in patients with prosthetic joints: evidence-based clinical practice guideline for dental practitioners - a report of the American Dental Association Council on Scientific Affairs. J Am Dent Assoc 2015; 146(1):11-16.
4. Kaplovitch, Eric et al. Treatment in the dental practice of the patient receiving anticoagulation therapy. The Journal of the American Dental Association, Volume 150, Issue 7, 602 - 608
5. Nicolatou-Galitis O, Schjødt M, Mendes RA, Ripamonti C, Hope S, Drudge-

Coates L, Niepel D, Van den Wyngaert T. [Medication-related osteonecrosis of the jaw: definition and best practice for prevention, diagnosis, and treatment.](#) Oral Surg Oral Med Oral Pathol Oral Radiol. 2019 Feb;127(2):117-135. doi: 10.1016/j.oooo.2018.09.008. Epub 2018 Oct 9. Review. PubMed PMID: 30393090.

6. Nicolatou-Galitis O, Kouri M, Papadopoulou E, Vardas E, Galiti D, Epstein JB, Elad S, Campisi G, Tsoukalas N, Bektas-Kayhan K, Tan W, Body JJ, Migliorati C, Lalla RV. [Osteonecrosis of the jaw related to non-antiresorptive medications: a systematic review.](#) Support Care Cancer. 2019 Feb;27(2):383-394. doi: 10.1007/s00520-018-4501-x. Epub 2018 Oct 23. PubMed PMID: 30353228.

7. Di Fede O, Panzarella V, Mauceri R, Fusco V, Bedogni A, Lo Muzio L, Sipmo Onj Board, Campisi G. [The Dental Management of Patients at Risk of Medication-Related Osteonecrosis of the Jaw: New Paradigm of Primary Prevention.](#) Biomed Res Int. 2018;2018:2684924. doi: 10.1155/2018/2684924. eCollection 2018. Review. PubMed PMID: 30306086; PubMed Central PMCID: PMC6164200.

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:**

1. Silverman S, Eversole LR, Truelove EL. (2001) Essentials of Oral Medicine. London, BCDecker,[2001]
2. Neville, B. W., Damm, D. D., Allen, C. M., & Chi, A. C. (2016). Oral & Maxillofacial Pathology, 6th Edition. St. Louis, Missouri : Elsevier, [2016]
3. Cawson, R. A., & Odell, E. W. (2008). Cawson's essentials of oral pathology and oral medicine. 8th Edition. Edinburgh: Churchill Livingstone. Elsevier Limited, [2008]

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:

ORAL MANIFESTATIONS OF DISEASE - CDM 4170

Wednesday 3:10-4:00 p.m.

Class #	Date	Title	Assignments	Content Outline	Instructor
1	8/04/21	Introduction; Case Presentation		Course introduction, discussion of course format using clinical case presentation and chart entry	Dr Mejia
2	8/11/21	Medical Emergencies	Handout	Discussion on the diagnosis and management of common medical emergencies in the dental office	Dr Mejia
3	08/18/21	HIV	L&F Ch 18	Epidemiology, etiology and pathogenesis, clinical features, and patient management	Dr Mejia
4	08/25/21	Viral, Bacterial And Fungal Infections	Regezi Ch 1,2,8	Etiology and pathogenesis, clinical features, discussion of differential diagnosis and patient management	Dr Mejia
5	09/01/21	Oral Mucosal Immunologic Diseases	Regezi Ch 1	Discussion of differential diagnosis, diagnostic techniques and management	Dr Mejia
6	09/08/21	Granulomatous Diseases	Regezi Ch 2,7	Discussion of differential diagnosis and patient management	Dr Mejia
7	09/15/21	Acquired and Congenital Hypercoagulable Bleeding Disorders	L&F 24, 25, Article	Discussion of issues as they relate to dentistry, latest medications and patient management	Dr Mejia
8	09/22/21	Oral Precancer And Cancer	Regezi Ch 2, L&F Ch 26	Epidemiology, etiology, risk factors, Discussion oral complications and patient management	Dr Mejia
9	<b>09/29/21</b>	<b>MIDTERM EXAMINATION</b>			
10	10/06/21	Cancer Therapy And Oral Care Xerostomia	L&F Ch 26,	Discussion oral complications and patient management	Dr Mejia
11	10/13/21	Medication-related osteonecrosis of the jaw (MRONJ)	Articles	Current guidelines and practical; clinical management. Discussion of important aspects that relate to oral care	Dr Mejia
12	10/20/21	Lymphoid Lesions	L&F Ch 9	Discussion of differential diagnosis and patient management	Dr Mejia
13	10/27/21	Lasers in Dentistry (Prerecorded)	Handout	Use of this technology in dental care	Dr Bradley
14	11/03/21	Chronic Facial Pain (Prerecorded)	L&F Ch 32,33	Discussion oral complications and patient management	Dr Bradley
15	11/10/21	Prescription Writing	Handout	Discussion of the pharmacotherapeutics for common oral lesions (viral, bacterial, fungal and immunologic diseases)	Dr Mejia

16	11/17/21	FINAL EXAMINATION			Dr Mejia
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**Topic Outline:**

Please see above

**“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

1. During this semester students are responsible to watch 2 Prerecorded lectures.
2. There will be a possibility to meet in zoom for some lectures, which will be announced if needed.

## IX. Assignments

Description of Assignments, Point Value and Rubrics  
"See reading assignments above"

## 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:

Midterm Exam (Formative): 45%  
Final Exam, Cumulative (Summative): 55%

Total: 100%

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:

Letter grade

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](mailto:agalka@nova.edu) with a cc to [cdmservices@nova.edu](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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>