



Edward Via College of Osteopathic Medicine

4th Year Clinical Rotation: Oral/Maxillofacial Surgery

MED 8305: Surgical Selective Clinical Rotation (4 weeks)

MED 8306: Surgical Selective Clinical Rotation (2 weeks)

COURSE SYLLABUS

Chair	Contact Information
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I. Rotation Description

Students will spend most of their time observing office procedures. They will also have limited exposure to the hospital operating room. It is anticipated that relatively few students will pursue this rotation. It is best suited for students desiring careers in otolaryngology, family medicine, or pediatrics. The student will be expected to formulate a rotation plan with the oral maxillofacial surgeon during the first morning of the rotation. They will be expected to read the assigned papers and any other readings as recommended by the preceptor.

II. Rotation Goals

- a. Gain an appreciation for the role of oral and maxillofacial surgery in the care of patients
- b. Develop a basic working knowledge of the muscles and osteology of mastication
- c. Develop a working knowledge of TMJ dysfunction and its effects on the patient – understand some of the surgical and non-surgical aspects of TMJ treatment
- d. Understand the importance of good dentition in terms of overall health – understand the rationale for dental extractions and the risks/benefits and costs of tooth replacement
- e. Develop an understanding of facial osteology and the traumatic deformities
- f. Understand the types of facial fractures and appropriate repairs
- g. Develop skills in communicating with patients and their families.
- h. Gain insight into the array of ethical and socioeconomic factors impacting the care of patients needing oral and maxillofacial surgery.

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III. Rotation Design

The majority of the Oral/Maxillofacial Surgery rotation in the office and ambulatory surgery centers. Occasional hospital OR cases may occur.

IV. Credits

2 week course=2 credit hours

4 week course=4 credit hours

V. Suggested Textbook and References

- a. Cuccia AM, Caradonna C, Caradonna D. Manual therapy of the mandibular accessory ligaments for the management of temporomandibular joint disorders. J Amer Osteopath Assoc 2011; 111: 102-12.
- b. Calixtre LB, Gruninger BL, Chaves TC, Oliveira Ab. Is there an association between anxiety/depression and temporomandibular disorders in college students? Appl Oral Sci. 2014 Jan-Feb; 22(1): 15–21.
- c. Lauriti L1, Motta LJ, Silva PF, Leal de Godoy CH, Alfaya TA, Fernandes KP, Mesquita-Ferrari RA, Bussadori SK. Are occlusal characteristics, headache, parafunctional habits and clicking sounds associated with the signs and symptoms of temporomandibular disorder in adolescents? J Phys Ther Sci. 2013 Oct;25(10):1331-4. doi: 10.1589/jpts.25.1331. Epub 2013 Nov 20.

VI. Course Grading/Requirements for Successful Completion of the Oral/Maxillofacial Surgery Rotation

- a. Attendance according to VCOM and preceptor requirements
- b. Preceptor Evaluation at end-of-rotation

Grading policies, academic progress, and graduation requirements may be found in the *College Catalog and Student Handbook* at: <http://www.vcom.vt.edu/catalog/>.

VII. Clinical Performance Objectives

The end-of-rotation evaluation for this rotation will be completed by your preceptor and is based on clinical core competencies. These core competencies reflect student performance in 6 key areas: communication, problem solving, clinical skills, medical knowledge, osteopathic medicine and professional and ethical considerations. Your end-of-rotation evaluation from your preceptor will be based directly on your performance in these 6 core competencies as described below.

- a. Communication - the student should demonstrate the following clinical communication skills:
 1. Effective listening to patient, family, peers, and healthcare team
 2. Demonstrates compassion and respect in patient communications
 3. Effective investigation of chief complaint, medical and psychosocial history specific to the rotation
 4. Considers whole patient: social, spiritual & cultural concerns
 5. Efficiently prioritizes essential from non-essential information
 6. Assures patient understands instructions, consents & medications
 7. Presents cases in an accurate, concise, well organized manner

- b. Problem Solving – the student should demonstrate the following problem solving skills:

1. Identify important questions and separate data in organized fashion organizing positives & negatives
 2. Discern major from minor patient problems
 3. Formulate a differential while identifying the most common diagnoses
 4. Identify indications for & apply findings from the most common radiographic and diagnostic tests
 5. Identify correct management plan considering contraindications & interactions
- c. Clinical Skills - the student should demonstrate the following problem solving skills:
1. Assesses vital signs & triage patient according to degree of illness
 2. Perform good auscultatory, palpatory & visual skills
 3. Perform a thorough physical exam pertinent to the rotation
- d. Osteopathic Manipulative Medicine - the student should demonstrate the following skills in regards to osteopathic manipulative medicine:
1. Apply osteopathic manipulative medicine successfully when appropriate
 2. Perform and document a thorough musculoskeletal exam
 3. Utilize palpatory skills to accurately discern physical changes that occur with various clinical disorders
 4. Apply osteopathic manipulative treatments successfully
- e. Medical Knowledge – the student should demonstrate the following in regards to medical knowledge:
1. Identify & correlate anatomy, pathology and pathophysiology related to most disease processes
 2. Demonstrate characteristics of a self-motivated learner including demonstrating interest and enthusiasm about patient cases and research of the literature
 3. Are thorough & knowledgeable in researching evidence based literature
 4. Actively seek feedback from preceptor on areas for improvement
 5. Correlate symptoms & signs with most common diseases
- f. Professional and Ethical Behaviors - the student should demonstrate the following professional and ethical behaviors and skills:
1. Is dutiful, arrives on time & stays until all tasks are complete
 2. Consistently follows through on patient care responsibilities
 3. Accepts & readily responds to feedback, is not resistant to advice
 4. Assures professionalism in relationships with patients, staff, & peers
 5. Displays integrity & honesty in medical ability and documentation
 6. Acknowledges errors, seeks to correct errors appropriately
 7. Is well prepared for and seeks to provide high quality patient care
 8. Identifies the importance to care for underserved populations in a non-judgmental & altruistic manner
- g. Osteopathic Manipulative Medicine Components
Students must be familiar with the OMM didactic and workshop requirements for their OMS-4 year as described in the Osteopathic Manipulative Medicine website.