

# ORAL AND MAXILLOFACIAL SURGERY (OMFS)

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## Courses

### **OMFS 604. Selected Topics in Oral and Maxillofacial Surgery. 1 Unit.**

Covers current topics in oral and maxillofacial surgery, and practice management during weekly seminars and monthly grand rounds by experts in their respective fields.

### **OMFS 605. Integrated Orthodontic and Surgical Correction of Dentofacial Deformities. 1 Unit.**

Addresses preoperative diagnosis, planning, intraoperative procedures, and postoperative care of orthognathic patients. Includes: congenital and developmental deformities; surgical-orthodontics patient management; preoperative skeletal, dental, and soft-tissue analyses; and cephalometric analysis in treatment planning.

### **OMFS 606. Applied Surgical Anatomy. 1 Unit.**

Applies anatomic principles involved in clinical diagnosis and in assessing clinical problem areas. Discusses anatomic consequences of surgical and treatment procedures and the anatomic aspects of emergencies occurring in practice. Emphasizes the vascular supply and neuroinnervation of structures of the oral cavity, and adjacent areas of the head and neck.

### **OMFS 607. Principles of Medical History, Physical Examination, and Clinical Medicine. 2 Units.**

Focuses on developing accurate history-taking and physical examination skills. Specific topics include review of organ systems and associated pathology (physical and laboratory), hospital protocol, and charting. Residents perform history and physical (H&P) on medical and surgical patients. Emphasizes proficiency in developing differential diagnoses of common medical and surgical problems.

### **OMFS 608. Surgical Oral and Maxillofacial Pathology Conference. 0.5 Units.**

Uses recent pathology cases as the basis for review and discussion of common and ominous lesions encountered. Emphasizes differential diagnosis and patient management. Guest lecturers cover selected topics in oral and maxillofacial pathology. Repeated registrations required to fulfill the total units.

### **OMFS 609. Literature Review in Oral and Maxillofacial Surgery. 0.5 Units.**

A monthly discussion of recent literature from selected journals. Reviews classic landmark articles and their impact on the specialty. Repeated registrations required to fulfill total units.

### **OMFS 614. Clinical Experience in Oral and Maxillofacial Surgery Practice. 7 Units.**

Addresses oral and maxillofacial surgery with emphasis on dentoalveolar surgery, complicated fractures of the facial bones, reconstructive maxillofacial surgery, surgical orthognathic correction, treatment of developmental and acquired deformities of the jaw, implant surgery, temporomandibular joint surgery, and osseous grafting of postresection and posttraumatic maxillofacial defects.

### **OMFS 615. Current Trends in Medicine and Surgery. 2 Units.**

Off-service specialty seminars on a wide range of topics, including anesthesia, internal medicine, ICU care, general surgery, and various specialty topics. Repeated registrations required to fulfill the total units.

### **OMFS 616. Application of Surgical Principles to Orthognathic Surgery. 1 Unit.**

Introductory multidisciplinary lecture-seminar emphasizing preoperative diagnosis, treatment planning, intraoperative procedures, and postoperative care of orthognathic patients; description of congenital and developmental deformities, emphasizing all aspects of surgical orthodontic patient management.

### **OMFS 617. Critical Decision Making in Oral and Maxillofacial Surgery. 1 Unit.**

Expands critical decision-making skills in patient care. Reviews data gathering, treatment alternatives, treatment of complications, and outcome assessment analysis.

### **OMFS 618. Introduction to General Anesthesia. 1 Unit.**

Introduces the theory and practice of general anesthesia.

### **OMFS 696. Scholarly Activity in Oral and Maxillofacial Surgery. 1 Unit.**

Selected didactic, clinical, and/or laboratory activity developed by the program director or a designated program faculty member. Primarily designed for residents to fulfill the certificate requirements for scholarly activity/research in oral and maxillofacial surgery. Multiple registrations may be needed to complete these activities.

### **OMFS 697A. Research. 1 Unit.**

Student identifies a research project, prepares a protocol, and obtains approval for the protocol. Multiple registrations may be needed to complete these research activities.

### **OMFS 697B. Research. 1 Unit.**

Conducting the actual research project, including the data collection. Multiple registrations may be needed to complete these research activities.

### **OMFS 697C. Research. 1 Unit.**

Resident completes research project, holds a public presentation of research, and submits a publishable paper to their research guidance committee (RGC) for approval. Multiple registrations may be needed to complete the publishable paper.

### **OMFS 698. Thesis. 1 Unit.**