ORAL AND MAXILLOFACIAL SURGERY (OMFS)

Courses

OMFS 604. Selected Topics in Oral and Maxillofacial Surgery. 1 Unit.
A rotating, two-year schedule of weekly seminars covering selected topics in oral and maxillofacial surgery. Following a lecture on these topics, recent representational clinical cases presented and used as the basis for review and discussion—enhancing the knowledge base and critical thinking. Monthly grand rounds, given by respected guest speakers considered to be experts in their respective fields, cover current topics in oral and maxillofacial surgery and in practice management. Repeated registrations required to fulfill the total units.

OMFS 605. Integrated Orthodontic and Surgical Correction of Dentofacial Deformities. 1 Unit.
A monthly multidisciplinary seminar course emphasizing preoperative diagnosis, planning, intraoperative procedures, and postoperative care of orthognathic patients. Includes description of congenital and developmental deformities, emphasizing all aspects of surgical-orthodontics patient management leading to critical thinking and decision making. Patients selected include a wide range of dentofacial deformities. Preoperative skeletal, dental, and soft-tissue analyses performed. Emphasizes the importance of accurate cephalometric analysis in treatment planning, including accurate prediction tracings. Repeated registrations required to fulfill the total units.

OMFS 606. Applied Surgical Anatomy. 1 Unit.
Enables the resident to master the anatomic principles involved in clinical diagnosis and in assessing clinical problem areas encountered in various health-care delivery situations. Discusses in detail the applied anatomic consequences of various surgical and treatment procedures and the anatomic aspects of emergencies occurring in practice, including cadaveric dissection. Emphasizes knowledge of the vascular supply and neuroinnervation of the structures of the oral cavity and adjacent areas of the head and neck. Applies material discussed in terms of actual clinical case presentations.

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.
Training in various aspects of oral and maxillofacial surgery. Training in 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. Study continues in the application of general anesthesia to ambulatory outpatient surgery patients. Residents trained to assume full responsibility for all aspects of the oral and maxillofacial surgery practice. Advanced clinical training in the subspecialty areas of oral and maxillofacial surgery, as well as training through off-service rotations with internal medicine, plastic and reconstructive surgery, head and neck surgery, general surgery, and other specialties. Repeated registrations required to fulfill the total units.

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.
A weekly seminar designed to expand the participants' skill in critical decision making as it pertains to patient care in the field of oral and maxillofacial surgery. Students present cases weekly of proposed surgical experiences—reviewing data gathering, treatment alternatives, and treatment of complications. Additionally, selected posttreatment cases presented to review the proposed treatment versus the actual outcome as an opportunity for the participant to be involved with an outcome assessment analysis. Repeated registrations required to fulfill the total units.

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 his/her research guidance committee (RGC) for approval. Multiple registrations may be needed to complete the publishable paper.
OMFS 698. Thesis. 1 Unit.

OMFS 805. Oral and Maxillofacial Surgery I. 1 Unit.
Theory of oral surgery. Etiology, diagnosis, and surgical treatment of oral
conditions and diseases commonly encountered in general practice.
Familiarizes student with fundamental surgical techniques, principles
involved in extraction of teeth, and selection and use of equipment.

OMFS 811. Oral and Maxillofacial Surgery II. 2 Units.
Continues preparatory topics for general practice. Surgical complications,
management of impacted teeth, odontogenic infections, preprosthetic
surgery; introduces maxillofacial trauma, surgical treatment of cysts and
tumors, orthognathic surgery.

OMFS 825. Oral and Maxillofacial Surgery Clinic I. 1 Unit.
Clinical application of the principles of oral maxillofacial surgery.
Opportunities to gain experience in cases of the type treated by the
general dentist.

OMFS 875. Oral and Maxillofacial Surgery Clinic II. 1 Unit.
Clinical application of the principles of oral maxillofacial surgery.
Opportunities to gain experience in cases of the type treated by the
general dentist.