

POSTDOCTORAL CERTIFICATE IN ORAL AND MAXILLOFACIAL SURGERY

The Postdoctoral Certificate in Oral and Maxillofacial Surgery Program was established in July, 1963. The program consists of a minimum of four consecutive years (48 months) of progressive educational experiences leading to a Postdoctoral Certificate in Oral and Maxillofacial Surgery. The program also offers the opportunity to obtain a Master of Science in Dentistry (M.S.D.) degree with the completion of additional academic requirements. It meets the accreditation requirements of the Commission on Dental Accreditation (C.O.D.A.) of the American Dental Association (A.D.A.) and the requirements for examination and certification by the American Board of Oral and Maxillofacial Surgery. The program uses the facilities and resources of the School of Dental Medicine, the University District Hospital, the Pediatric University Hospital, and the San Juan Municipal Hospital. Two residents are accepted every year. Interested candidates must submit an application through the Postdoctoral Application Support Service (P.A.S.S.) in addition to the application form provided by the S.D.M.

The first year of the program exposes residents to fundamental knowledge related to the evaluation of patients in the hospital environment. During this year the resident is On-call duty every third night at the emergency room, will work with medically compromised patients at the outpatient clinic, takes a Physical Diagnosis course with second year medical students, seminars, literature reviews, case presentations, and an advanced pathology course that provides basic knowledge and skills for oral and maxillofacial surgery diagnosis and treatment. Residents are also introduced to basic research concepts, biostatistics, and scientific methodology so that they may apply them in future situations along their professional lives.

The second year consists of rotations in the medical departments of Anesthesiology (4 months), Internal Medicine (2 months), and Neurosurgery (2 months). During the second year, residents also participate in the outpatient clinic, in seminars, literature reviews, and case presentation courses.

The third year includes rotations in Tumor Service (1 month), Trauma Service (2 months), and the Surgical Intensive Care Unit of the General Surgery Department (1 month). Residents also have elective rotations in the Otolaryngology-Head and Neck Surgery Department (1 month) and in the Dermatology (1 month). On the third year, residents work towards the mastery of basic oral and maxillofacial surgery principles, evaluation of the medically compromised patient, treatment of complicated odontectomies, periodontal surgery, dental implants, benign tumors of the oral cavity, fractures of the facial skeleton, debridement, and suturing of oral and facial lacerations in addition to mastering intravenous sedation techniques.

The fourth year seeks to refine surgical techniques. Residents are expected to treat conditions such as congenital and acquired anomalies of the mouth and face, develop expertise in reconstructive procedures of the maxillofacial area, understand and apply the principles of bone grafting, skin transplantation, and the use of alloplastic implants, as well as evaluation and treatment of facial plastic surgical procedures (cosmetic surgery). Each resident must complete a significant publishable research project on a clinical subject related to oral and maxillofacial surgery.

All courses must be approved in order to obtain certification. For detailed information regarding available courses and/or rotations, contact the S.D.M. Interested candidates must submit an application through the Postdoctoral Application Support Service (P.A.S.S.) in addition to the application from provided by the S.D.M.

Graduation Requirements

Residents must pass all required courses satisfactorily and have a minimum grade point average of 2.75, as certified by the Registrar's Office.

POSTDOCTORAL CERTIFICATE IN ORAL AND MAXILLOFACIAL SURGERY CURRICULUM

Total Credit Hours: 74 Semester C.H. + 5 Trimester C.H.

BIOR 9005	Advanced Oral Biology Core Course	5	
CIOM 9511	Seminars, Review of Literature Case Presentations I	4	
CIOM 9512	Seminars, Review of Literature Case Presentations II	4	
CIOM 9521	Seminars, Review of Literature Case Presentations III	4	
CIOM 9522	Seminars, Review of Literature Case Presentations IV	4	
CIOM 9531	Seminars, Review of Literature Case Presentations V	4	
CIOM 9532	Seminars, Review of Literature Case Presentations VI	4	
CIOM 9541	Seminars, Review of Literature Case Presentations VII	4	
CIOM 9542	Seminars, Review of Literature Case Presentations VIII	4	
CIOM 9611	Hospital Procedures I	2	
CIOM 9612	Hospital Procedures II	2	
CIOM 9621	Hospital Procedures III	2	
CIOM 9622	Hospital Procedures IV	2	
CIOM 9631	Hospital Procedures V	2	
CIOM 9632	Hospital Procedures VI	2	
CIOM 9641	Hospital Procedures VII	2	
CIOM 9642	Hospital Procedures VIII	2	
CIOM 9460	General Anesthesia Rotation	3	
CIOM 9731	Cosmetic and Reconstructive Surgery of the Maxillofacial Region I		2
CIOM 9741	Cosmetic and Reconstructive Surgery of the Maxillofacial Region II	2	
CIOM 9742	Cosmetic and Reconstructive Surgery of the Maxillofacial Region III	2	
CIOM 9830	Theory and Practice of Deep Sedation-General Anesthesia	3	
CIOM 9847	Research Completion Project	6	
MEDI 9300	Physical Diagnosis	3	
PDOC 9006	Research Methods and Applied Statistics for Dental Residents	5 tr	

The following additional courses are also required for certification:

- Advanced Cardiac Life Support (A.C.L.S.)
- Advanced Trauma Life Support (A.T.L.S.)

Required Rotations 12 Month Total	Months
Neurosurgery	2
General Surgery	4
General Anesthesia	4
Medicine	2

Requirements to fulfill master's degree:

PDOC 9000	Thesis	8
PDOC 9101	Introduction to Research Planning	2 tr
PDOC 9102	Research Planning and Statistical Design	3

**Professional Studies in Dentistry (Oral and Maxillofacial Surgery)
Special Six–Month to a Year Program**

Besides the four year Advanced Dental Education Specialty Program in Oral and Maxillofacial Surgery, the S.D.M. offers a six–month to a year special program, which is not conducive to a degree or diploma. Students receive a certificate of the program. This program is designed for foreign dentists interested in the regular advanced dental education program and provides the basic didactic and clinical experiences related to the latest concepts, diagnostic methods, modalities of treatment, and surgical techniques in the field of Oral and Maxillofacial Surgery.

PROG 9515 – (Section 001) – Professional Studies in Dentistry – 0 crs.

Application

Application to Professional Studies in Dentistry is conducted through the Office of the Assistant Dean for Graduate Dental Education.

<http://dental.rcm.upr.edu/?s=assistant+dean+for+graduate+dental+education>

An interview with the Director of the Advanced Dental Education Specialty Program of interest is mandatory in order to start the application process.