

Oral and Maxillofacial Surgery Residency Program At New York-Presbyterian Hospital Columbia University Medical Center

The oral and maxillofacial surgery residency program at NYPH/Columbia University Medical Center Campus is designed to provide the resident with a solid foundation in the specialty that meets the requirements of the Commission of Dental Accreditation. During the six-year program, residents will obtain the M.D. degree from the Faculty of Physicians and Surgeons of Columbia University, and in addition to training in oral and maxillofacial surgery, will complete one year in general surgery at New York-Presbyterian Hospital.

Our graduates are well prepared for either a career as a community-based practitioner or in academics. To promote a career in academics, residents participate in teaching pre-doctoral dental students, participate in several multi-disciplinary conferences, and have the opportunity to engage in research.

Application process:

Applicants should possess a bachelor's degree and must be a graduate of either an American or Canadian dental school accredited by the Commission of Dental Accreditation of the American Dental Association prior to the start of the program.

Foreign trained dentists are not eligible for admission.

Successful applicants are generally in the top 10% of their class with National Board Scores above 90 and strong letters of recommendation. Oral and maxillofacial surgery externships (not necessarily at NYPH) while in dental school are strongly encouraged and research experience is preferred.

Applicants apply through the Postdoctoral Application Support Service (PASS). The PASS application must include three letters of recommendation. Official undergraduate transcripts, national board scores, a 2x2 photo, and the supplemental application should be mailed directly to:

New York Presbyterian-Hospital/Columbia University Medical Center
Division of Oral and Maxillofacial Surgery
630 West 168th Street
Harkness Pavilion 8th Floor, Room 866
New York, New York 10032.

The program participates in the oral and maxillofacial surgery match. The deadline is October 1st.

The Campus

New York-Presbyterian Hospital/Columbia University Medical Center Campus is located just south of the George Washington Bridge in the Washington Heights section of New York. The medical center is one of the largest academic medical centers in the world, employing over 10,000 employees. Two hospitals are located on campus: New York Presbyterian Hospital and the Morgan Stanley Children's Hospital of New York Presbyterian. Both hospitals serve as quaternary and tertiary referral centers and were ranked number 7 in last years' U.S. News and World Report. The Children's Hospital is a Level I trauma Center. The Health Science Center contains the College of Physicians and Surgeons (the medical school), College of Dental Medicine, the School of Public Health, and the School of Nursing. The Armand Hammer Library contains over 535,000 volumes and serves as a valuable resource. The Faculty of the Health Sciences receives over 350 million dollars in annual NIH support.

The Oral and Maxillofacial Surgery facility consists of a 5-chair clinic and a new adjacent 6-chair clinic. The residents' offices and labs are fully equipped including high-speed internet access and computer video and cephalometric imaging. The clinic functions five days per week and the program has OR time three days per week. The Hospital is just a short subway ride away from all that New York City has to offer: Broadway and off-Broadway theatre, museums, music, great restaurants and great neighborhoods, sports teams, and terrific urban parks. And, of course, residents can participate in the intellectual and cultural activities of Columbia University.

Program of Study

Year One	Oral and Maxillofacial Surgery Anesthesia	9 months 3 months
Year Two	Medical School	
Year Three	Medical School	
Year Four	PGY 1 General Surgery	
Year Five	Oral and Maxillofacial Surgery Pediatric Anesthesia	11 Months 1 Month
Year Six	Oral and Maxillofacial Surgery	

Formal Teaching in Oral and Maxillofacial Surgery

Formal attending rounds are held each morning at 7am.

Physical Diagnosis

This twelve-hour course is held in the summer for all incoming hospital and post-graduate residents. Successful completion of the course allows the resident to perform the admission history and physical.

Surgical-orthodontic conference

This teaching conference is held monthly and is run jointly by the Divisions of Orthodontics and Oral and Maxillofacial Surgery. Pre-treatment, pre-operative and post-operative cases are presented and discussed. There is also a joint once per month journal club.

Post-graduate implant course

This formal weekly course, which is held in both the fall and spring semesters, brings together the Divisions of Periodontics, Oral and Maxillofacial Surgery, Prosthodontics, and Adult Restorative Dentistry. The course consists of didactic material and laboratory exercises, including implant placement and prosthetic laboratory exercises. Residents also gain considerable clinical experience in implant reconstruction and adjunctive grafting procedures.

Journal club

Topics of interest are presented by way of literature review twice per month. Residents will be able to critically review the literature and engage in evidence-based medicine.

Patient care conference

In addition to the surgical orthodontic patient care conferences, two additional conferences are held monthly.

Topics in oral and maxillofacial surgery

This weekly lecture series explores topics that are crucial to the knowledge base of the oral and maxillofacial surgeon.

Oral Pathology

A formal oral pathology course consisting of lectures and microscopic evaluation meets twice per month in the fall and spring semester. Additionally Oral Pathology CPC is held on a monthly basis. Residents also participate in the monthly New York Institute for Clinical Oral Pathology that meets at the New York-Presbyterian Hospital/Weill Cornell Campus.

Head and Neck Tumor Board

This multidisciplinary conference occurs once per month.

Orthognathic Surgery Course

This lecture series is presented to both the oral and maxillofacial surgery residents and the orthodontic residents. Lectures include clinical and radiographic evaluation, diagnosis and treatment planning, model surgery, surgical techniques, complications, and treatment of the cleft and craniofacial patient.

Craniofacial Lecture Series

This is a monthly lecture series that is held in conjunction with the Craniofacial Center's monthly patient conference. This is a multidisciplinary conference that is run jointly by Oral and Maxillofacial Surgery and Plastic and Reconstructive Surgery.

Surgical Techniques in Craniofacial Surgery

Fifth year residents attend the annual Surgical Techniques in Craniofacial Surgery at St. Louis University. This is a hands-on cadaver course that is taught in part by one of the senior faculty of the Division.

Annual Cleft Palate Trip

Senior residents join with faculty on annual trips abroad to perform cleft lip and palate surgery in underserved communities.

Research Interests of the Faculty

The Division currently receives grant support from the NIH and corporate sponsors. It is expected that residents will participate in scholarly activity while enrolled in the program. The opportunity to collaborate with other Departments at the Health Science Center and the Morningside campus is one of the strengths of the program.

Sidney Eisig, DDS

Orthognathic surgery, cleft and craniofacial surgery, the use of platelet rich plasma and bone growth factors in healing of bone defects

Vincent Carrao, DDS, MD

Treatment of temporomandibular joint ankylosis

Regina Landesberg, DMD, PhD

RAGE in temporomandibular joint disease, cell surface markers in oral cancer, platelet rich plasma, use of bisphosphonates in treatment of giant cell tumors, digital panographic radiology in diagnosis of osteoporosis, bisphosphonate associated osteonecrosis

Linda Huang, DDS, MD

Cell surface markers in oral cancer, pathophysiology of osteonecrosis

Louis Mandel, DDS
Salivary gland disorders

Srikala Raghavan, PhD