

**Rutgers University
School of Dental Medicine**

Department of Oral and Maxillofacial Surgery

Residency Training Program Brochure



Updated 1/25/22

General Information

Welcome to the oral and maxillofacial surgery training program at Rutgers University School of Dental Medicine based in Newark, NJ. The goals and objectives of our training program include:

EDUCATION

1. Produce competent Oral and Maxillofacial surgeons trained in all phases of the specialty.
2. Promote graduates' critical thinking skills and encourage an attitude of life-long learning.
3. Promote graduates' ability to integrate basic and clinical sciences.

RESEARCH AND SCHOLARLY ACTIVITY

4. Contribute new knowledge to the specialty through research and scholarly activity.

PATIENT CARE

5. Deliver comprehensive quality oral and maxillofacial surgical care to patients.

SERVICE

6. Produce leaders in organized dentistry and oral and maxillofacial surgery.
7. Promote the development of ethical and humanitarian concerns.

The residency training program in Oral and Maxillofacial Surgery is based at the Newark campus of Rutgers University at the School of Dental Medicine. This campus is also home to University Hospital, New Jersey Medical School, Graduate School of Biomedical Sciences, School of Health Related Professions, School of Nursing and the George F. Smith Medical Library. The Doctor's Office Center is the campus's faculty practice building which is home to several of the nation's leading medical/dental specialists which is located adjacent to the School of Dental Medicine. University Hospital is the principle teaching hospital for New Jersey Medical School and the School of Dental Medicine. Newark is the largest city in the State of New Jersey with an ethnically and racially diverse population.

Our training program strives to prepare graduates for a successful and productive career in Oral and Maxillofacial Surgery. The curriculum is designed to develop the clinical, academic and communicative skills that will provide for diversified career options. Graduates of the program will be prepared to pursue a contemporary full scope Oral and Maxillofacial Surgery practice and be prepared for licensure and the rigors of specialty board examination.

Six-Year Residency / Integrated MD Curriculum

The six-year integrated MD training program has been developed to prepare the graduate for an academic and/or private practice career in Oral and Maxillofacial Surgery. It is an integrated clinical and didactic program designed to meet the requirements leading to certification by the American Board of Oral and Maxillofacial Surgery. The residency program is fully approved by the Commission on Dental Accreditation of the American Dental Association. Following successful completion of the residency program, the candidate will receive a medical degree from Rutgers University, New Jersey Medical School, a certificate of completion for one year of General Surgery residency, and a specialty certificate in Oral and Maxillofacial Surgery. Students/residents enrolled in medical school are responsible for the tuition costs for the two years enrolled in medical school.

Year One

The first year of the program consists clinical training in oral and maxillofacial and physical diagnosis. Residents must have passed part 1 of the United States Licensing Medical Examination prior to starting the third year medical school clerkships in the second year of the program. Incoming residents are sponsored by New Jersey Medical School in order to challenge the USMLE prior to start of the residency program which is the preferred tract to allow the resident to focus on OMFS during the first year of training. Upon successful completion of USMLE Part I, residents will be matriculated into the third year class of New Jersey Medical School.

Year Two

The second year of the program will be spent in designated third year medical school clinical clerkships. These are mandatory rotations whose order is determined by lottery system through the Office of Student Affairs and Medical

School Registrar. The designated curriculum for the third year medical school includes:

- Internal Medicine
- Primary Care / Family Medicine
- Pediatrics
- General Surgery
- Psychology
- Neurology
- Obstetrics and Gynecology

Year Three

The third year of the program is spent in the fourth year medical school clerkships. There are mandatory medical school rotations, three months anesthesia rotation and the remainder of the year spent as elective on oral and maxillofacial surgery service. Residents will also take the USMLE Part II during this year. The curriculum for the fourth year of medical school includes:

- Emergency Medicine
- Acting Internship
- Physical Medicine and Rehabilitation
- Electives in Anesthesia and OMFS

Year Four

The fourth year of the program is spent as a resident on the General Surgery Service. The resident functions as a full time member of the General Surgery Department with no obligations to the oral and maxillofacial surgery service. USMLE Part III should be completed during this year of training. Residents will rotate on six months of core general surgery rotations as well as six months of pre-determined elective rotations including anesthesia and the oral-maxillofacial surgery service.

- 6 months Core General Surgery
- 3 months Anesthesia
- 3 months Oral and Maxillofacial Surgery

Year Five

The fifth year of the program consists of 12 months of rotations on the Oral and Maxillofacial Surgery Service at University Hospital and School of Dental Medicine. The resident will function as a senior level with experiences and expectations consistent with this level of training. Call responsibilities will primarily be of a back-up nature; however, some first call is required. This year of training should bring together the skills and clinical acumen necessary for the resident to progress to the final year of training.

Year Six

During the sixth year of the program, each resident serves as administrative Chief Resident. It is expected that each resident have an abstract or poster based upon their research efforts for presentation at the AAOMS National meeting during this final year of training. The primary responsibility of the resident is to oversee management of the oral and maxillofacial surgery service. This includes, but is not limited to formulating the call schedule, arranging resident case coverage of clinical responsibilities, and preoperative/postoperative patient evaluation and treatment in conjunction with the designated faculty.

4-Year Residency Curriculum

Rutgers School of Dental Medicine also offers a four year Oral and Maxillofacial Surgery training program encompassing the identical training as the six year integrated program with the exception of the medical degree. This residency program is also approved by the Commission on Dental Accreditation. .

Year One

The first year of residency training is divided between Oral and Maxillofacial Surgery, Anesthesia, and physical diagnosis.

- 3 months Anesthesia
- 9 months OMFS service

Year Two

This year is predominately spent completing the mandatory off-service rotations culminating in return to the Oral and Maxillofacial Surgery Service for the final two months of the year prior to transitioning to senior level resident. Residents will have increased responsibilities this year including overseeing the first year residents, IV sedation cases and operating room responsibilities. While on the off-service rotations, the resident will be expected to participate in that services didactic schedule and call responsibilities with no obligations to the OMFS service. These rotations include:

- 2 months Medicine
- 3 months Anesthesia
- 2 months Surgical Intensive Care Unit
- 2 months Trauma Surgery
- 2 months Surgical Electives (ENT and Plastic Surgery)

Years Three and Four

The third and fourth year rotations are identical to those of the six-year integrated MD program. Upon completion of the residency program, graduates will receive a certificate of training in Oral and Maxillofacial Surgery. It is expected that all graduates will be prepared for the American Board of Oral and Maxillofacial Surgeons examination and possess clinical aptitude in the full scope of Oral and Maxillofacial Surgery.

Eligibility and Selection

Both programs are participants in PASS (Postdoctoral Application Support Service) and the National Matching Program. The deadline for receipt of application materials is October 15th of the year prior to expected matriculation. Individuals with the following qualifications are eligible for acceptance to the training programs:

- A.** Graduates from US or Canadian school approved by the Commission on Dental Accreditation of the American Dental Association.
- B.** All applicants must be U.S. citizens or permanent residents. Proof

of citizenship and/or a green card must be provided before an interview will be granted.

- C. All applicants must obtain a New Jersey state dental license or New Jersey Dental Training permit in order to be privileged in University Hospital. This requires passage of parts I and II of NBDE prior to matriculation in the program.
- D. Passing score on the CBSE examination. Higher scores are generally expected for those candidates applying to the integrated MD program.

Teaching Facilities

University Hospital is the principle teaching hospital of the medical and dental school at Newark. It is one of the country's cutting-edge University medical centers. University Hospital provides primary health care services for Newark residents and is a referral center for tertiary care in the state. The hospital is located on a 46 acre campus with New Jersey Medical School, School of Dental Medicine, School of the Health Related Professions, School of Nursing, Graduate School of Biomedical Sciences, Community Mental Health Center and the Doctor's Office Center. The modern 519-bed facility offers a complete array of inpatient services and supports the widest range of outpatient services in the state. Annually, there are over 19,000 admissions, 1,800 births, 180,000 outpatient and 60,000 emergency visits, and 4,600 ambulatory surgery visits. As the designated Level I Regional Trauma Center for the northern half of New Jersey, the hospital provides advanced emergency care.

Rutgers School of Dental Medicine was first established as Seton Hall University College of Medicine and Dentistry in 1956. This was the first institution established for dental education in the state of New Jersey. From its beginnings as a private institution, the school has grown into the state's major resource for dental education and research. The current facility was dedicated in 1976. The school awards the Doctor of Dental Medicine degree upon completion of a comprehensive four-year program to approximately 100 students per year. In addition, the school offers postdoctoral training in Endodontics, Orthodontics, Orofacial Pain, Oral Medicine, Pediatric Dentistry, Periodontics and Prosthodontics. Hospital based residencies are offered in General Dentistry and Oral and Maxillofacial Surgery. UMDNJ became part of Rutgers University on July 1, 2013 and the dental school's

name was changed from New Jersey Dental School to the School of Dental Medicine.

New Jersey Medical School has a total enrollment of over 700 students with approximately 170 MD degrees awarded every year. It also offers graduate medical education programs in most medical and surgical specialties as well as being a resource for clinical training and research opportunities.

The faculty in the Department of Oral and Maxillofacial Surgery provide a wide range of expertise in the full scope of Oral and Maxillofacial Surgery. This includes but is not limited to:

- Maxillofacial Trauma
- Pathologic lesions of the head and neck
- Correction of dentofacial deformities
- Reconstruction of jaws
- Temporomandibular joint surgery
- Dentoalveolar surgery with ambulatory general anesthesia
- Cleft and craniofacial surgery
- Management of odontogenic infections
- Dental implants
- Management of facial pain
- Microsurgery of the trigeminal nerve
- Facial aesthetic surgery

Saint Peter's University Hospital

Saint Peter's University Hospital is a Roman Catholic hospital on Easton Avenue in New Brunswick, New Jersey. The hospital is a member of the Saint Peter's Healthcare System, Inc., a New Jersey nonprofit corporation sponsored by the Roman Catholic Diocese of Metuchen. The OMFS service participates with the Craniofacial Program and also performs elective surgery at this hospital.

Robert Wood Johnson University Hospital in New Brunswick

The Robert Wood Johnson University Hospital is an American 965-bed hospital with campuses in New Brunswick, and Somerville, New Jersey, and serves as a

flagship hospital of RWJBarnabas Health. Elective surgeries will be scheduled by faculty at this hospital.

Newark Beth Israel Medical Center

Newark Beth Israel Medical Center, previously Newark Beth Israel Hospital, is the largest hospital in Newark, New Jersey. It was run under auspices of the Newark Jewish Community and its suburban successors from its inception in 1900-1901 until its purchase by Barnabas Health in 1996. OMFS residents will participate in elective surgeries including pediatric surgery at this institution.

Educational Activities and Conference Schedules

Each resident is expected to attend academic conferences sponsored by the Department of Oral and Maxillofacial Surgery and those conferences which are made available outside the department which the Program Director suggests for the residents. All residents and faculty receive a monthly schedule of conferences to allow adequate time for preparation. The purpose of the academic schedule is to provide a core knowledge in oral and maxillofacial surgery and to foster a sense of independent study which will aid in board preparation and ongoing professional development. The graduate will also be proficient in scientific evaluation of the literature and application of this knowledge to their future practices. A listing and description of the department's academic conferences follows:

Grand Rounds

The core lecture series is given every week by faculty, invited speakers and occasionally residents. This core lecture series occurs in blocks and rotates on a two-year cycle covering the full scope of oral and maxillofacial surgery. During the year, there are also several mock board sessions during in which residents participate individually in the oral board format followed by a discussion and assessment of resident performance.

Morbidity and Mortality Conference

This mandatory attendance conference meets once per month. The purpose is to evaluate any untoward treatment outcomes and develop treatment strategies to avoid having similar complications in the future. The management of cases is

discussed using the AAOMS Parameters of Care as a guide. This data is anonymously reported to the Quality Improvement Committee of our hospital.

Journal Club

Journal Club reviews current literature from journals related to the specialty of OMFS following an Evidence Based Literature Format. For each block in Grand Rounds, journal club is focused asking a relevant clinical question and reviewing the literature to elucidate current thought and practice. This develops the tools for graduates to effectively evaluate the literature and use that information to guide clinical decisions throughout their careers.

Mini-presentations

Mini-presentations require the resident to prepare and present a short 10 minute discussion on an issue relevant to the practicing Oral and Maxillofacial Surgeon. Each presentation is followed by approximately 5 minutes of discussion. This conference is held 6-8 times per year. Topics are generally selected from recent patient medical problems or surgical interventions.

Case Conference

Case conference meets once per month to review interesting cases performed recently by our residents. Presentation includes patient history, imaging, and clinical pictures including the outcome of selected cases. It is expected that the resident has reviewed the literature and is prepared to discuss the case in depth, including alternative treatments.

QA Chart Audit

The QA chart audit is a mandatory monthly meeting moderated by the QA director. The purpose is to review randomly selected medical records with the residents in order to determine charting deficiencies.

Implant Treatment Planning conference

This interdisciplinary conference is held once per month. It is attended by representatives from the Departments of Oral and Maxillofacial Surgery, Periodontics and Prosthodontics. Comprehensive treatment plans are developed,

presented and implemented by the respective departments on patients of the dental school.

Implant Lecture Series

This lecture series runs with the treatment planning conference meeting weekly to review topics from ranging from osseointegration, treatment planning, surgical procedures to advanced restorative options. Faculty from the Departments of Periodontics, Prosthodontics and OMFS all participate and forms a core base of knowledge for our residents when they start surgically planning and placing implants.

Dentofacial Deformity Conference and Lecture Series

The dentofacial deformities conference is jointly sponsored by the Departments of Orthodontics and Oral-Maxillofacial Surgery. Cases are presented monthly for review and discussion by faculty and residents. The associated lecture series is incorporated into the oral and maxillofacial surgery Grand Rounds series.

Oral Pathology Seminar

Oral Pathology seminar is run jointly by the Departments of Diagnostic Sciences and Oral and Maxillofacial Surgery. It is attended by OMFS residents as well as the General Practice Dentistry / Oral Medicine residents. This seminar meets bi-weekly throughout the year reviewing pathology topics.

Craniofacial Center

The Craniofacial Center at University Hospital is composed of medical and dental specialists involved in the management of patients with cleft lip and palate/craniofacial deformities. This group meets once per month in our clinic at University Hospital. New patients are evaluated by these specialists followed group discussion and comprehensive treatment planning after the completion of each clinical session. A formal report listing all specialty recommendations is generated for each patient to assist in the comprehensive care of these patients.

Head and Neck Tumor Board

Tumor Board is a weekly multidisciplinary conference attended by Oral and Maxillofacial Surgery, Otolaryngology, Radiology, Social Services, Radiation Oncology and Medical Oncology. Individual services present new and interesting cases for group discussion and comprehensive treatment planning. Residents will be called upon to present cases from the oral and maxillofacial surgery service.

Application materials and further information can be obtained by contacting:

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You may also check out our website: <http://sdm.rutgers.edu/departments/oral-surgery/index.html>