



Postgraduate Program in Periodontology (including implant dentistry) at the Rambam Health Care Campus (HCC) in Haifa, Israel

Overview

The school of graduate dentistry at the Rambam Health care campus (RHCC) is the only major postgraduate education center in northern Israel and which in addition serves as a teaching hospital for the faculty of medicine at the Technion (Israeli Institute of Technology) in Haifa.

The **department of periodontology** offers a three years program that includes periodontology and implant dentistry with research project (basic, translational or clinical research); while further rotation in Oral surgery, Oral Pathology and Anesthesiology are also offered (mandatory for Israeli residents). The program is conducted in English and all candidates must master the language as entrance criteria. The program is self-supported and thus requires an annual tuition fee. We offer MSc and PhD programs as well for those interested but this would require 1-3 more years.

Calendar

The program starts on the second week of November and runs 12 months a year, five days a week (Sunday thru Thursday) with 2 weeks off allowed annually. The daily schedule varies, but typically it starts at 07:30 and ends at 16:30.

Admission

Registration starts in mid-March and runs thru mid-June for that academic year. Candidates may apply, in writing providing that they have a DMD/DDS or equivalent degree from a recognized institution of higher education (a university that is recognized by the Technion). A minimum of one year clinical experience is required.

Applicants must submit their diploma, 2 letters of recommendation, class ranking and school grading (last 3 years) together with registration fee and cover letter. Following initial screening, applicants will be invited for an interview conducted by our team.

Final acceptance letters are mailed out in early August of that year.

Faculty

Our faculty includes 7 full and part time certified periodontist headed by Prof. Machtei. We do not have under-graduates students and thus our only focus is on our PG students.

We also have our support team; these include our chief nurse, 4 dental hygienists along with research coordinator and administrative staff.

A consultant from every specialty in dentistry is assigned to the department to assist in treatment planning and management of complex cases. Residents are encouraged to team up with their fellow residents in the other departments to work on multidisciplinary cases with the supervision of the senior faculty.

Education

A comprehensive and thorough didactic education is given in periodontology and implant dentistry. Being an integral part of a large teaching hospital we also give major emphasis to the management of systemically compromised patients. We believe that a periodontist should be an equal partner in any multidisciplinary medical team and as such must have a good understanding of systemic disease and medication with its affect and interaction with dental conditions and therapies.

Prior to the commencement of the program all incoming students are given a crash-course in periodontology that covers all the chapters in Lindhe's "Clinical periodontology & implant dentistry". Every day starts with 2 hours of seminars: literature (classical & current); case presentation; selected topics; medical overview.

At the end of each month, all the students are given a short exam to follow on their understanding of the topics that covered. At the end of the academic year all students are given a multiple choice exam and are required to pass it with a minimum grade.

At the end of the training the students are given an internal final exam (multiple choice) and upon successful completion are given the permission to take the EFP board exam providing that they have completed all the clinical requirements.

Clinical training

A vigorous clinical training is given to all our residents that include thousands of hours dedicated to patient care. We put great emphasis on cause related therapy and the residents are required to spend as much time as needed to improve /resolve the periodontal pathology non-surgically whenever possible.

Surgical training include both regenerative and non-regenerative periodontal surgeries; minor oral surgery; socket preservation; ridge augmentation; mucogingival surgeries; dental implant placement; trans-crestal sinus augmentation; lateral wall sinus augmentations. We have an exceptionally large patient base and are able give our residents the opportunity to perform numerous surgical procedures of all varieties including many dental implants (of which some are performed using navigational devices) and sinus augmentation procedures during their training.

Students are given 30 advanced periodontal and implant patients to which they are responsible and required to complete treatment and follow-up of at least 1 year after the final re-evaluation. Of these, at least 5 cases should be resolved non-surgically. In addition, a 'per case" patients are also assigned to the residents in order to lend them an experience in a given procedure that the resident require to complete his exposure and training in all the currently available techniques.

To complement their overall training, the students are offered to stay an additional year and spend time (2-3 months each) rotation in Oral surgery, anesthesiology, Oral surgery and oral pathology (all or some of these).

Research

We have an elaborated basic, translational and applied research program. To that end, all residents are required to select a research project of their interest to which they are solely responsible to plan, execute and report the results (with the support of our research coordinator, statistician and senior faculty and fellow residents). In addition, each resident is assigned to take part in other, departmental research programs. As part of our requirements, we expect each resident to publish (alone or as part of a group) at least 3 papers in a peer reviewed journal before graduation.

Website and contacts:

<https://www.rambam.org.il/englishsite/departments/schoolofgraduatedentistry/PeriodontologyAndImplantDentistry/Pages/default.aspx>

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