

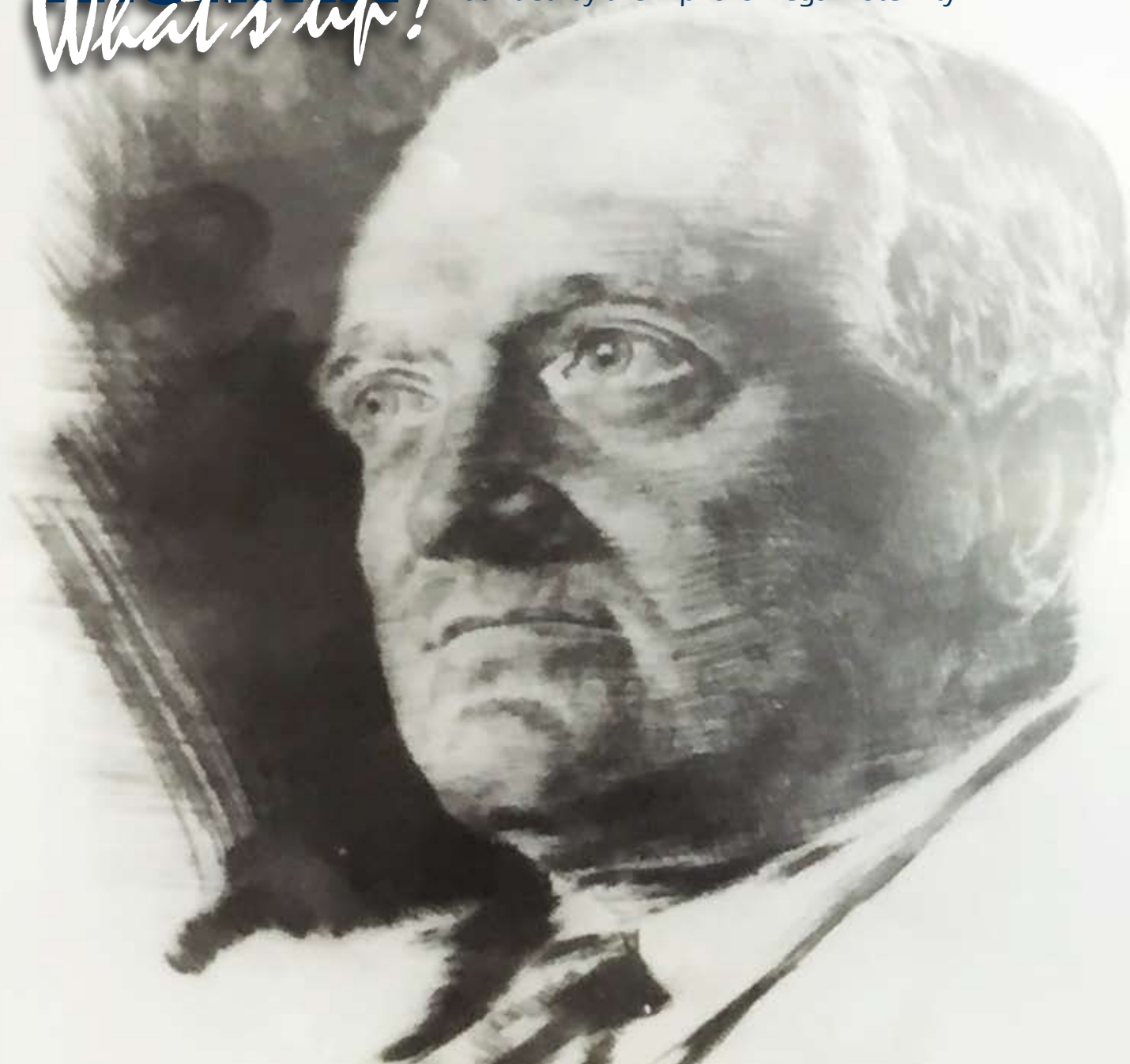
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NISHMA

What's up?

The Alumni Journal of The Hebrew
University-Hadassah School of Dental Medicine
Founded by the Alpha Omega Fraternity



Prof. Bernhard Gottlieb

The Visionary for the first Dental School in Israel

Y e a r 4 5 • I s s u e 1 0 2 • H a n u k k a h 2 0 1 5

Dear Reader,

You are holding the December English-language edition of "Ma Nishma." Why should the official journal of the Hebrew University-Hadassah Dental School appear in English? Find out on page 19.

You can also read Dean Prof. Aaron Palmon on the latest developments in our Faculty. Three historical accounts of the first three departments to open in our school, and how some of our youngsters chose their dental careers.

And of course we have a *Glimpse into the Past* with D. Walter Cohen, Rabbi Mordechai's *Words of the Wise* and lots more!

Enjoy!

Noah Stern,
Editor

"Ma Nishma" - The Alumni Journal of the Hebrew University-Hadassah School of Dental Medicine founded by the Alpha Omega Fraternity, Year 45, Issue 102, Hanukkah 2015.

Special English Edition

Cover Illustration: See page 5

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The Dean's Column

Prof. Aaron Palmon

It has now been two years since I became Dean of the Dental Faculty. Two years of intensive work against the backdrop of the Hadassah crisis that continues to have an impact on everything we do.

When I started, I thought I should set goals for the Dean and the Faculty to work towards, including:

1. Teaching, research and clinical excellence (education).
2. Promoting excellence in treatment and service to patients and community (patients).
3. Nurturing the learning, teaching and support staff (administrative and technical) to create a responsible, caring, professional, creative and leadership-oriented team (faculty).
4. Growth, innovation, constantly striving for improvement and international cooperation (philosophy).

The Hadassah crisis and my constant involvement with its implications during my first year made it difficult to make progress towards any of the above goals. However, thanks to a team committed beyond belief and with support from the University management, we have been taking great strides on the way to our goals.

I will mention just a few of the many partners in this voyage, with apologies to those I had to leave out this time.

Prof. Lior Shapira, Vice-Dean of Teaching, together with the department heads and the Teaching Committee, examined the curriculum with the aim of enhancing the clinical experience acquired during the study period. They also defined future development tracks.

In conjunction with the Vice-Dean, Clinics Head Dr. Alon Livny initiated and applied many changes in how the clinics operate, with the aim of improving working comfort and efficiency.

Prof. Avi Hai Hovav and Dr. Tzachi Abramovitz, with the Students' Secretariat, continue to spearhead the relationship with the students

and try to solve the students' problems while maintaining academic standards.

With the help of Dr. Chen Nadler and Dr. Alex Chaimov we are improving our infection monitoring system in the student and faculty clinics. The University management contributed to the expansion of the student clinics and the Phantom Laboratory, enabling the very highest levels of study. Soon we will also join forces with our friends from Alpha Omega to build a state-of-the-art central sterilization unit.

To maintain our position as one of the leading Bio-Medical Dental Sciences research bodies in Israel and abroad, we welcomed two new scholars to our Dental Sciences Institute: Dr. Nataly Kravchenko-Balasha and Dr. Michael Klutstein. This process was overseen by the Head of the Institute, Dr. Gabriel Nussbaum, and his staff. We are building research labs for them and hope they will quickly acclimatize to life in the Faculty. From experience, we know that the relationship formed between new researchers and the clinical faculty contributes much to clinical research to the benefit of all involved.

Dr. Rakefet Czerninski continues to lead the Continuing Education Program and this year we hope to add to the very successful conventions we enjoyed last year (with more than 1,000 participants!) There will also be specialized courses. Even though this kind of education involves payment, costs will be reasonable because the aim is not profit. The aim is to strengthen the Israeli dental community's medical knowledge and to better the connection between the Dental Faculty and their colleagues in the communities. To this end we have opened a special section in the Dean's Office devoted to Continuing Education.

Upon completion of most of the physical teaching infrastructure,

I hope that with the department heads and the Associate Dean, Prof. Avi Zini, we will be able to focus on improving the infrastructure in the faculty and specialist clinics as well as nurturing our teaching and support staff. In these clinics the students enjoy a unique form of teaching, based on rotation and observing the high standards of work of specialists and interns. It is from these clinics that we produce the future cadre of specialists of Israel.

Despite the crisis, our staff gave of themselves over and above the call of duty so we could both maintain and improve our teaching and study experiences. To be able to continue to do this we need to upgrade our work

environment, our knowledge and our infrastructures as much as we can. At the same time, we are committed to providing the best possible care for our patients and so I hope we can accomplish all these goals for the common good.

I hope these few paragraphs have given you a taste of the tremendous activity going on here in Jerusalem. And I call upon our alumni to give of their time to teach our students and interns in their alma mater. We are constantly investing efforts to improve our teaching and I am sure that the dialogue between experienced teachers and students will be a rewarding experience for anyone involved in the teaching profession.



Honorary Doctorate for Prof. Bruce Baum

On May 31 this year, at the opening of the 78th meeting of the Hebrew University's Board of Governors, an Honorary Doctorate in Philosophy was given to Prof. Bruce J. Baum from NIH.

This is the first time a researcher from the field of Dentistry has received this honor, illustrating the Hebrew University's recognition of Dental Research as a leading study field.

It is also only the second time in the University's history that an honorary doctorate has been awarded

to anyone from the dental field, the first being Dr. D. Walter Cohen in 1977.

Prof. Baum, until recently Director of the Medical Research Enrichment Program at America's National Institutes of Health (NIH) Clinical Center, was also a researcher at the NIH Dental and Craniofacial Research Institute. He has a fine reputation as a leading scientist in the field of Dental Genetic Therapy and has achieved international recognition for his breakthrough work in genetic healing strategies using salivary glands, both as a tool for local treatment and as a biological systemic pump.

His research also produced innovative treatment methods using tissue engineering and salivary gland stem cells. Prof Baum recently completed the first clinical experiment in history in human genetic healing, which involved repairing salivary glands damaged by radiation to head and neck cancer patients.

Prof. Baum has served in many prestigious research, teaching and consultancy positions in some of the leading higher educational institutions in America, Europe and Asia. He is also an old friend of the Hebrew University School of Dentistry, serving as a Lady Davis Foundation Fellow in 1984, Visiting Goldstein Professor in 1990 and he continues to visit us in Jerusalem. He himself has hosted dozens of Israeli researchers in his lab at NIH, encourages joint studies and has been consistently generous and cooperative towards Israeli science in general.



Memorializing Prof. Bernhard Gottlieb

In October-November 2015, Prof. Adam Stabholz, International AO President, visited the United States. In his role, he visits the Fraternity's branches all over the world, including dental schools with AO student chapters. One of his last visits was to the Baylor Dental School in Dallas, Texas.

The school itself is very impressive and boasts a central memorial wall called "The Wall of Fame". The wall is adorned with are pictures of famous scientists and clinicians from the school's history over the last century.

To his great surprise, Prof. Stabholz noticed that the first picture in the top row was the Jewish scientist, Prof. Bernhard Gottlieb, who – in the 20s and 30s, together with his friend and partner Balint Orban – studied and published work on microscopic characteristics such as epithelial attachments.

In addition – and particularly from 1932 onwards – Gottlieb began convincing Jewish dentists worldwide to donate money towards the building of a dental school on Mount Scopus in Jerusalem, with Hebrew as the teaching language.



When the Germans entered Austria in March 1938, all Jewish doctors at the University of Vienna received letters of dismissal. All of Gottlieb's lab team found political and scientific asylum at Loyola University and at the Chicago Medical College, which Gottlieb had prepared for them in advance. Gottlieb was the only one who preferred immigrating to Israel and made his home in Tel Aviv.

In those times, dental research was non-existent here and after two years he decided to try his luck in America. Baylor University welcomed him with open arms and offered him a job.

It is important to note that Vienna's Dental School, Gottlieb's alma mater, is today named after him. And the Dental School in Jerusalem, which he worked so hard to establish, has perpetuated his name and activities through an appreciative plaque in the Faculty's entrance foyer. (see photo above).



The Bernhard Gottlieb Dental School in Vienna



Awards

International Prize for Dr. Omer Fleissig

Dr. Omer Plaisig won first prize in the Charley Schultz Contest for Basic Scientific Research. The competition was held in March 2015 at the AAO Convention in San Francisco. This is the largest Orthodontics conference attended by more than 10,000 participants from all over the world.

Dr. Plaisig's paper – "NK Cells Involvement in Orthodontic Teeth Movement" was written under the tutelage of Prof. Stella Chaushu, Head of the Orthodontics Department and Prof. Ofer Mandelbaum, Head of the Laboratory at the Lautenberg Institute for Cancer Immunology Research. In his study, Dr. Fleissig proved for the first time that NK cells and their cytokines participate in the orthodontic movement process.

Rector's Awards – To Our Researchers and Students

The Hebrew University Rector's prizes for outstanding teachers/researchers and students were awarded at an impressive ceremony on the Mount Scopus Campus, in the presence of the University President, Faculty Deans, School Heads and the recipients' families.

The Rector awards prizes for excellence every year. After a relatively barren period, this year we were pleased to see a lecturer from the Dental School up on stage – Prof. Doron Steinberg. The prize was awarded for excellence in teaching, research and community service. Among the winning students were also three of our own outstanding achievers – Yotam Ganor, graduate student, Oded Heyman, fifth year student and Hila Oknin, Masters degree student.



Graduate Wins First Prize at European IADR

Idan Radansky began his studies at the Dental School in 2008, after studying at the Technion. Following three productive clinical years, Idan took a sabbatical to obtain an MSc in Microbiology at the Laboratory for Biofilm Research at the Dental Sciences Institute, in partnership with the Endodontics Department and Syneron Dental Lasers.

The first part of his research dealt with the impact of the Er:YAG laser on the layer of film appearing in root canals after endodontic treatment. Similarly, he examined the laser's ability to affect central pathogen biofilm behind root canal failures – *E. faecalis*. Part of his work was with another scholar from a dental school in Turkey. Upon Idan's return for his clinical years, his research continued to make progress and he examined the dental laser's performance through microbiological mechanisms on Quorum Sensing, which is at the root of pathogen virulence and disease in the mouth.

In September 2014, Idan was sent to Dubrovnik in Croatia to present his research at the regional IADR conference, where he took part in the Robert Frank competition under the auspices of the CED-IADR and won first prize. He also represented the European Division at Unilever's Hatton Competition in Boston in March 2015. Idan helped write two articles on his subject and is currently writing a third.

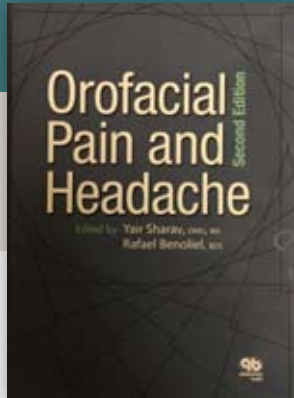
He is due to complete his studies in 2015 and plans to further his dental research in tandem with clinical practice.



The four IADR European Division prizewinners with Idan on the extreme left.

From left: Prof. Doron Steinberg, Hila Oknin, Oded Heyman and Prof. Aaron Palmon

New Books



“Orofacial Pain and Headache” by Prof. Yair Sharav and Prof. Raphi Benoliel (2nd Edition)

The first edition of the book – “Orofacial Pain and Headache” (2006) was warmly received by dentists and researchers alike – “This textbook is a joy to read.” In addition, in their annual medical books competition in 2009, the British Medical Association cited the book as one of the best to ever appear in medical literature. The book was praised both for its innovative approach – connecting the range of pain syndromes in the head, face and mouth – and for its crystal clear editing, the quality of the presentation, the richness of the illustrations and the simplicity of the diagrams and tables.

The second edition was published knowing how popular the first one was and was also received with enthusiasm by thousands of readers old and new.



“Soft Tissue Management: The Restorative Perspective” by Prof. Ariel Raigrodsky

Prof. Raigrodsky is an alumnus of ours (1991), who specialized in Oral Rehabilitation at LSU in New Orleans, Louisiana (1996-2003). He is a qualified specialist under the American Board of Prosthodontics.

He moved to Seattle in 2004 and was appointed Director of the Prosthodontics Specialization Program at Washington University (2004-2012). He was recently selected to be Associate Editor of the prestigious Journal of Prosthodontic Dentistry. His new book, “Soft Tissue Management: The Restorative Perspective” is published by Quintessence (210 pages, 770 photographs).



Dr. Amir Laviv invited to ICMFS Convention

Dr. Amir Laviv, from our Oral and Maxillofacial Surgery Department, is a Senior Doctor in a multi-disciplinary team at Hadassah diagnosing and treating vascular defects. Dr. Laviv was recently invited to lecture at the 29th Convention of the International College for Oral and Maxillofacial Surgery (ICMFS) in Limassol, Cyprus. He spoke about new methods for treating vascular defects in the facial area.

From left: Dr. Shah (US), Dr. Laviv and Dr. Roisental (Chairperson of the Israeli Association for Oral and Maxillofacial Surgery)

Dental History



Department of Oral Medicine

Prof. Yair Sharav

The Department of Oral Medicine was established in 1955 by **Prof. Ino Sciaky**, the School's Founding Dean. He saw the need to integrate dental services within medicine and was a pioneer in this approach.

At first the department was active in the areas of diagnosis, treatment planning and first aid provision. Oral medicine was primarily an oral mucosa clinic, started by Dr. David Birkan and Prof. Sara Pisanty. Oral radiology was developed by Prof. Joseph Hermel, Dr. Dan Fisher and technician Avraham Rabani.

Prof. Sciaky enrolled some of the most talented students, many of whom stayed on to become teachers and staff members. Of these were Dan Galili, Adi Garfunkel, Ephraim Leviner, Marmari, Alice Markiziu, Sara Pisanty, Dan Fisher, Eliezer Kaufman and yours truly.

Many of these staff members underwent advanced training overseas. I went to the University of Illinois in Chicago, Galili and Garfunkel went to the University of Pennsylvania in Philadelphia and Marmari took his training in the University of Toronto, Canada. The added value of these programs provided the Department with much versatility and breadth.

Prof. Sciaky retired from his post as Head of Department in 1974. I was elected to replace him and served as Head of Department until 2001. I graduated from The Hebrew University Dental School in 1962 and was research associate in the University of Illinois, Chicago (1965-66). In the years to come I served as Dean (first school graduate) of the Hebrew University Dental School (1979-1983), Visiting Scientist at NIH, Bethesda Maryland (1977-1978 and 1983-1984), and Visiting Professor in Toronto University, Canada (1988-1989).

In 1974 I established the Orofacial Pain Clinic, first of its kind in Israel and soon to become one of the leading clinics of its type in the world.

In addition to the Pain Clinic I developed other special clinics too. Each had a critical mass of patients that allowed for developing diagnosis and treatment protocols as well as clinical research. These clinics



◀ Prof. Ino Sciaky's funeral in the presence of Mr. Itshak Navon - President of Israel and Prof. Avraham Harman President of the Hebrew University

▼ Members of the Department of Oral Medicine



included treatment of oral mucosa, salivary glands, oncological patients, dialysis patients, patients after heart surgery, hematological patients and patients with sensory and taste aberrations. Hospital Dentistry and Oral Radiology gradually developed as well.

More teachers were sent for training abroad. Arik Tzukunft graduated from the Wharton School in Philadelphia and later became Associate Dean of the school. Eliezer Kaufman went to Cleveland to train in Sedation. Prof. Kaufman developed services for dental treatment under sedation and general anesthesia and became a world leader in this area. He also served as Head of Department during the years 2010-2014.

As the Specialty Law in Dentistry became mandatory in Israel in 1978, more trainees were recruited. Among these, Rafi Benoliel became Head of Department, Yossi Katz became Chief Dental Officer in the IDF and Eli Eliav is currently Director of the Eastman Institute for Oral Health at the University of Rochester, NY.

In 1980, the Hospital Dentistry Unit became autonomous under Prof. Adi Garfunkel, who also served as Dean (1986-1988). In 2003, after Prof. Garfunkel retired, the department was reunited under Prof. Benoliel, who served as Head of Department until 2010. Rafi Benoliel joined the department and my Pain Clinic in 1984 and became a world expert in Orofacial Pain and Headache. Our second edition (2015) book, Sharav Y., and Benoliel R., "Orofacial Pain and Headache" became a fundamental textbook in the area of Orofacial Pain.

He is currently Associate Dean for Research, Rutgers School of Dental Medicine, State University of New Jersey.

So far the Department had trained about 40 specialists in Oral Medicine, some of whom are the backbone of the department. Recently Prof. Doron Aframian was elected Head of Department, renamed the Department of Oral Medicine, Sedation and Maxillofacial Imaging. He is also heading the clinic for Salivary Glands. Dr. Rakefet Czerninski is in charge of the Oral Mucosa Clinic and Dr. Yaron Haviv heads the Orofacial Pain and Headache Clinic. Dr. Chen Nadler runs of the Oral Radiology and Imaging Service and Dr. Robi Yanko is in charge of the Dental Treatment under Sedation Service. Three of our staff members (Aframian, Haviv and Nadler) hold also PhD degrees.

Today, 60 years later, the Department is viable, vibrant and of high professional standards, one of the strongest in the world and also excels in teaching.

Still an active member in the department, I look with pride and satisfaction on its past and present and look forward to more in the future.



Department of Oral and Maxillofacial Surgery

Prof. Arie Shteyer

When the Hebrew University-Hadassah Dental School was first established, the Department of Oral and Maxillofacial Surgery was one of only three departments in the school. The founder of the department was the legendary **Prof. Yaakov Levin-Epstein**, who spent a year at Harlem Hospital in New York to learn the ropes and also become familiar with Residency Programs.

Prof. Levin-Epstein's aim was that the department faculty would be graduates of the school. Indeed, the first teachers were Dr. Mordechai Oberman, a graduate of the inaugural class, and Prof. Badri Azaz, who later became Head of Department. Prof. Levin-Epstein planned the department so that his people could study overseas for a year and thus bring back new ideas and methods for use in Jerusalem.

In 1963, Dr. Shimon Shochat joined the department. He had been at the Mount Sinai Hospital in Cleveland and also had a General Anesthetics license. He was instrumental in introducing dental treatments under anesthetic and sedation to our school. He also familiarized us with extraoral operations.

The original Residency Program lasted three years and gradually expanded to the five years we know today, 18 months of which are spent in other departments such as General Surgery, Plastic Surgery, General Anesthetics, ENT, General Medicine and Intensive Care. Over the years, other doctors joined the program, many of whom became part of our permanent staff, including Prof. Joshua Lustmann, Prof. Dorit Nitzan – who made an international name for herself through her TMJ treatment – Dr. Eran Regev and Prof. Nardi Caspi.

Prof. Azaz eventually replaced Prof. Levin-Epstein as Head of the Department and he was followed by Prof. Arie Shteyer, Prof. Rephael Zeltzer and now Prof. Nardi Caspi.

The department's physical presence also expanded, from the small clinic on Strauss Street in the city center to the new building in Ein Karem, established thanks to the efforts of the Alpha Omega Fraternity. In 1966, the clinical area was enlarged to include five ambulatory operating rooms and five treatment stations a recovery room, The department also has a hospitalization section in the main hospital building, where post-op patients and those suffering from road accidents or other injuries are hospitalized.

Our department doctors treat a varied population from Jerusalem and all over the country, both Jewish and Arab. The clinic offers ambulatory operations, minor oral surgery – complex surgical removals, implants and ridge building and surgery complementing other departments. In the hospital we also perform operations in the general operating



◀ Prof. Levin-Epstein with nurses of the Department

▼ Three heads of the Department of Oral and Maxillofacial Surgery, from left: Professors Shteyer, Azaz and Zeltser

theater, such as treating benign or malignant tumors, Orthognatic Surgery or operations after accidents or injury. The department also has a 24-hour emergency service in the hospital's general ER. Almost every night there is at least one operation performed by one of our staff.

In addition to treatment, our doctors are also involved in teaching and research. The tradition begun by Prof. Levin-Epstein, in which we send specialization graduates for further study abroad, has been continued by all department heads. One of the aims is to integrate the doctors into our department faculty upon their return. For example, in the early 90s, we sent two doctors to UCSF in San Francisco and both returned to become key players in the department – Dr. Eran Regev and Prof. Nardi Caspi, today Head of the Department.

In the USA, many schools add another specialization degree (MD) so that Oral and Maxillofacial Surgeons will have a double qualification (MD-DMD). Over the last year, Prof. Caspi has managed to bring this idea to Jerusalem, in a joint program with the Hebrew University approved by the relevant authorities. This now means that every Oral and Maxillofacial graduate who successfully finishes his or her residency will be able to continue studying for a 2-year MD degree at the Medical Faculty in Jerusalem. Prof. Caspi's aim is to lead the department to the highest standards.



Another program is to nurture scholars with a PhD in order to raise research standards in the department. There is currently one resident doctor in this program who plans to join the department staff. He will be responsible for developing the department's research.

The department staff is very varied: full time doctors, part time doctors and residents. We also have a mixture of Arab and Jewish doctors and our work has been blessed with many significant achievements.

Perhaps one of the most impressive is that three Jerusalem Dental Faculty Deans have come from the Oral and Maxillofacial Surgery Department!



The Department of Oral Rehabilitation

Prof. Noah Stern

Prof. Yitzchak Michman founded the Department of Oral Rehabilitation in 1955 and remained at its helm for the next 20 years, until his retirement in 1975. He was a legendary figure whose charisma left its mark on all. He was a philosopher with an impressive general education and profoundly knowledgeable on subjects as diverse as art and dentistry. Perhaps his greatest contribution to future dentists was his philosophy of Comprehensive Patient Care, an approach he introduced here at least 30 years before it became common in the US and Europe.

The first teachers in the department were Chaim Pietrokowski, who had just finished his military service, Shoshana Cohen, who had returned from study in Chicago, Willy Kushnir, a South African immigrant Prosthodontist and Chava Lanzman. A few years later Shaul Sorin and Yosef Reichstein joined the faculty. In addition, Dr. Anzalem Langer from

Tel Aviv would volunteer once a week to teach students about complete dentures. All the teaching was a combination of theoretical lectures and clinical training.

In 1962-63, the Department welcomed five young doctoral graduates who had just finished their studies in Jerusalem. Michman had already marked this quintet – Yael Michaeli, Etti Gazit, Yaakov Ehrlich, Zvia Hirschfeld and Noah Stern - as future trailblazers in the field.

In 1965, Michman organized an Israeli dentists' convention, perhaps the first of its kind in Israel. The event took place in the new year-old building at the Hadassah complex at Ein Karem. Each of the five young doctors was asked to prepare a case report and although attendance was poor, it was an awesome experience to present our findings on stage, to Prof. Michman's great satisfaction and pride.

While Yael and Etti left for other fields, we three men stayed in Jerusalem and our professional development was hugely accelerated by time well spent in Boston and Philadelphia. We were able to study overseas thanks to a special fund arranged by the Dean of the University of Illinois, Prof. Isaac Schour, and implemented by the Dean of the University of Pennsylvania, Prof. Walter Cohen and Dr. Irwin Ship. Over the next 20 years, the Israeli Faculty sent about 30 doctors to continue their education in American schools.

While Hirschfeld, Ehrlich and Stern moved higher up the academic ladder, a cadre of talented younger doctors joined them in the department – Avinoam Yaffe, Nira Hochman, the late Maya Zalkind, David Kochavi, Avraham Revach, the late Kata Kopelowitz, Chasi Zeltzer, Zvika Yoeli, Yossi Azuelus, Yossi Gleitman, Nachum Samet and others.

After Michman's retirement, Yaakov Ehrlich took charge for the next three years. He was succeeded



◀ Members of the Restorative Dentistry Department

▼ Members of the Prosthodontic Department

by Prof. Anzalem Langer who had tremendous administrative skills, something the department needed at the time.

After the Knesset passed the Dental Specialization Law in 1978, all the departments began to plan their new residency projects. Robert Klugman was chosen to head the initiative in our department. Klugman was an American immigrant who had been a teacher in a similar framework in New York University. David Kochavi also joined the management and teaching staff, later followed by Avinoam Yaffe, who successfully led the program until 2004.

In 1988, the department was split into two: Operative Dentistry – headed by Zvia Hirschfeld – and Prosthodontics – headed by Noah Stern. That same year Yaakov Ehrlich was appointed to run the Oral Rehabilitation Specialization Program.

Kochavi returned from a sabbatical in Philadelphia to head a new area in our school – a center for Dental Implantation. This was a joint venture of the Surgical and Periodontal Departments. Peter Rosenfeld, Shaul Gelbard and Lena Dikapua were the other teachers.

At the same time, the Prosthodontic Department organized bi-annual national conventions to which they invited well known lecturers from overseas. There were 10 such events between 1982 and 2002. Among the honored guests were Prof. George Zarb from Toronto, Prof. Morton Amsterdam from Philadelphia, Prof. Jim Koys from Takoma, Washington and Prof. Jerry Shish from New Orleans.

Around 2000, a few of the more senior faculty retired. Ehrlich left the Specialization Program, Stern retired



from managing the Prosthodontic Department and Zvia left the Operative Dentistry Department in 2001. Both departments were then 'reunited' into one and Ervin Weiss from Tel Aviv University was appointed to head the new Oral Rehabilitation Department.

Weiss revolutionized the department in his 15 years of office. He appointed Ami Schmidt to head the Specialization Program and moved Avinoam Yaffe to 6th year students clinics where a great time was had by all! He also added the Dental Materials Lab – with Osnat Feuerstein in charge – as an integral part of the department. Prof. Weiss also groomed Yael Hour-Haddad to replace him when the time came.

The Oral Rehabilitation Department, the biggest of all the departments, was and will continue to be a major element in the Jerusalem Dental School.



The New Teaching Facilities in our School



Dr Alon Livny, Head of the Student Clinics, guiding students at the entrance to the new 17-chair wing of the Robert Saligman Main Undergraduate Clinic.

The new wing was opened in October 2015. The process was an opportunity to examine and improve our clinical working methods. We still need to integrate the new wing into the main clinic but students are already using the facilities. Please notice the new student scrubs (color-coded by year), which represent a change in all infection control measures.



Dr Asher Zoborovski, Operative Dentistry Teaching Coordinator (3rd and 4th year students), instructing students in the newly reorganized and partially renovated Manikin Lab.

The number of manikin units was increased to 82 to accommodate more students. Our increase in student numbers is in part the result of the "Bina Project" which trains dental students for the Israeli Defense Forces (IDF) academic reserve.



DEANS OF THE FACULTY OF DENTAL MEDICINE



Prof. Ino Sciaky
1965-1969



Prof. Jacob Lewin-Epstein
1969-1973



Prof. Mario Ulmanky
1973-1976



Prof. Isaac Ginsburg
1976-1979



Prof. Yair Sharav
1979-1983



Prof. Badri Azaz
1983-1986



Prof. Adi Garfunkel
1986-1990



Prof. Arie Shteyer
1990-1993



Prof. Adam Stabholz
1993-1999



Prof. Jonathan Mann
1999-2005



Prof. Adam Stabholz
2005-2013



Prof. Aaron Palmon
2013-

ASSOCIATE DEANS



Dr. Jossi Anayes
1974-1975



Mr. Abraham Rapaport
1975-1989



Dr. Arik Zukert
1989-1993



Mr. Rami Barnet
1993-2015



Prof. Avraham Zini
2015-

VICE DEANS



Prof. Noah Stern
1996-1999



Prof. Avinoam Jaffe
2005-2013



Prof. Lior Shapira
2013-

My Moment of Truth

Four dentists tell how they started



Two Porcelain Crowns Determined My Future

Dr. Robert Klugman

To study Dentistry in America, I would first have to complete a BA or BSc degree. This would usually be accomplished over four years. During my BSc I had to decide whether I was going on to Medicine or Dentistry.

Medicine was undoubtedly considered more prestigious but I thought it was much more demanding than Dentistry – on call 24/7, night shifts and sometimes even life-and-death situations. I went for the ‘easier’ option, Dentistry.

After my dental studies I was drafted into the US Army Medical Corps as a Captain. I mostly dealt in Operative Dentistry and became an expert in the field (literally). Upon my discharge I opened a private clinic and soon found myself faced with the challenge of completing two anterior crowns (teeth 11 and 21) for a very attractive young woman.

I did a beautiful job (the patient and her parents also thought so) although unfortunately I never took the usual ‘before and after’ photos. Nevertheless, the die had been cast and I decided to become a Prosthodontist. 55 years on, I am still very glad I made that decision!



My Eureka Moment

Dr. Gilad Ben Gal

I believe that specialization is a very long and gradual process. Exposure to more and more cases and deeper study of theoretical topics gradually helped me to develop a clinical approach and an understanding of Oral Rehabilitation.

The variety of clinical cases – and more, the variety of mentor opinions in the Specialization Program – allow the student to experience different clinical and theoretical approaches and with that to develop and shape his or her own unique style. Exploring the classic literature on the subject teaches you about the development of the field over the years, shining light on changing thinking and treatment methods as technology moves on.

As I near the end of my specialization it is clear to me that the way I look at Dentistry in general and Oral Rehabilitation in particular is very different to what it was at the start. I feel that specialization has helped me see the patient in a wider light – from the individual’s impact on their own treatment and its complexity through a comprehensive understanding of the chewing system to administering complicated treatment in the most stringent, detail-oriented way possible.

Once I realized I was looking at a whole mouth and not just individual teeth, I finally understood what I was doing! And that sparked a dramatic change in my way of thinking.

There is no doubt that the professional tools I have received during my studies are a solid base for the very highest levels of professional practice, critical thinking and assessment while always focusing on the patient at the heart of the treatment. Having said that, I am well aware that learning and professional progress are ongoing, lifetime processes and I know I still have a way to go!



No Substitute for Experience

Prof. Noah Stern

I have been a dentist for 53 years but I will always remember when I decided to devote my future to Oral Rehabilitation. Even then I knew that this field would not only become my specialty but my hobby too.

It was in 1968, at the end of my first year of the Oral Rehabilitation specialty program at Boston University. One of my patients was a 45-year-old woman called Carol. Her main complaint was that when she closed and tightened her teeth, each closure was different. Apart from that, she had always wanted to improve her oral esthetics and replace the missing teeth in both sides of her mouth.

I prepared an appropriate rehabilitation program and showed it to my fellow students and the head mentor. I was particularly concerned about the different occlusal closures and had spent hours searching the books for a solution. My instructor, Dr. Dan Mori, reassured me by telling me that after I completed the Carol's teeth preparations in advance of the planned restorations, her complaints would stop.

I chose to begin with the lower jaw, working intensely on teeth preparations of the supporting teeth. I was about to begin preparing temporary bridges. When I'd finished the preparations, I showed Carol – once only – how to close her mouth. I was amazed to see that even when she tightened her teeth by herself, without my guidance, she did it in exactly the same way every single time!

It was then I understood what I had been taught in theory: because she was lacking a number of teeth, the others were moving and so only a selective grinding could restore the situation. As I grinded her teeth to receive the new crowns, I had –albeit unknowingly at the time – indirectly solved her closure problems!



The Patient is Suffering and There's No Diagnosis?

Dr. Yoram Fleissig

During my internship in the Oral and Maxillofacial Surgery Department, I learned from the best how to perform a range of procedures, new approaches, special techniques and how to cope with complications and surprises.

As the years pass, you become more skilled and there's a tendency to think you've seen it all. That's when it hits you and you see a clinical case that remains a mystery. You haven't a clue what the diagnosis is! Even the more senior specialists don't have a clear picture. And so you learn that the diagnostic challenge remains one of the most difficult in the profession. It is not for nothing that they say an accurate diagnosis is half of the treatment.

One of the cases I remember well is a diagnosis I made after about a year in the job. A 65-year-old woman arrived at the clinic complaining of piercing pain in her mandible projecting to her ear. This had been going on for three years!

The initial examination gave me no clues about the diagnosis. The patient had seen many doctors to no avail. At first they thought it was Zoster Herpes but that was rejected. The woman later underwent a number of root canal treatments but the problem remained. Unfortunately, even removing some teeth didn't ease the pain.

The biopsy results in our department also didn't reveal anything conclusive and we remained rather perplexed and helpless.

About a year later – seemingly my sub-conscious had been working on the solution – an idea came into my head. How often does a case stick in our heads until we have the solution?!

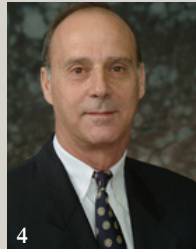
It turned out that this woman had a rare type of primary chronic osteomyelitis and so long-term antibiotic treatment was enough to solve the problem.

I then understood that being an expert doesn't mean you know all the answers. But it does mean that you have a responsibility to lead and set an example, proving yourself worthy of the title in every case you see.



A Glimpse into the Past

by D. Walter Cohen DDS



In the 1970's a number of dentists from South Africa wanted to come to the United States. Most of them wanted to take graduate work at the University of Pennsylvania and were excellent students. Dr. Edwin Rosenberg (1) was the first and he enrolled in Periodontics and Periodontal Prosthesis. David Garber (2) took Periodontal Prosthesis and Sol Rosenberg and Cy Evian (3) enrolled in Periodontics. Alan Barnett and Martin Trope (4) were enrolled in the Endodontic Graduate Program. Norman Lurie and David Maltz taught at the School and were excellent group leaders for 3rd and 4th year students. Since the South Africans needed an American Diploma I hired them as faculty and after two years they were awarded a Penn degree. I told them that they made aliyah to Philadelphia. It was a pleasure to have them as graduate students and Penn faculty.



One of the early periodontists in the United States was Isador Hirschfeld of New York City. He was born in Latvia in 1881 and graduated from NYU Dental School in 1902. He began practicing Periodontics in New York on a full time basis and also taught at Columbia University. He was chairman of the Periodontics Department from 1918 to 1948. He wrote many important articles and his textbook, "The Toothbrush -Its Use and Abuse" is a classic in the field. He also designed several instruments and was considered a Master Clinician. He was followed by his son Leonard who published and taught as well. In 1978 Leonard and Bernard Wasserman authored a paper which followed several hundred patients who were treated for more than 40 years. Many of them were Isador's early patients. Dr. Hirschfeld served as a patron for Isaac Stern when the great violinist came to the United States. He also was extremely active in supporting a dental school in Palestine in the 1930's.

Words of the Wise



Rabbi Mordechai Dimentman

Rabbi Mordechai Dimentman, MA, is Director of the Institute for Teacher Training at Yeshivat Kerem B'Yavneh and trains rabbis and teachers at the Mevasseret Zion Seminary for Teaching and Education.

Between You and Me...

Some of our graduate readers wrote to me complaining about our school publishing an English edition of "Ma Nishma." I tried to explain our rationale.

The full name of our school is the Hebrew University - Hadassah, School of Dental Medicine founded by the Alpha Omega Fraternity.

To remind you, the school opened in 1953 and the Alpha Omega Fraternity in the US was the first organization they enlisted to recruit funds and knowledge so that the vision of Shmuel Levin-Epstein from then Palestine, Bernard Gottlieb from Vienna, Avram Cohen from Philadelphia and Ino Sciaky could become a reality.

A Little Candle

Rabbi Abraham Isaac HaCohen Kook (first Chief Rabbi of Israel, 1921), taught that everyone should know and understand they possess a deep internal candle, alight, and that each candle is absolutely unique. There is no human being who does not have a candle. And every person should know and understand that they must work hard to reveal that light in public and light it to become a huge flame to illuminate the entire world!

In similar vein but different style, Benjamin Zev Herzl, visionary of the Jewish State, wrote in "Der Welt" in 1897, that at first one light is lit and then another and another and another, until the darkness will disappear completely. The light will first emerge from the young people

and others will follow – lovers of truth and justice, freedom, human progress and beauty. And when all the candles are alight, they will all be happy and overjoyed at the work accomplished. There is no greater occupation than that of the sun spreading light.

It is quite possible that songwriter Sarah Levi-Tanai received inspiration from these greats when she wrote her famous Hanukkah song:

"We have come to dispel darkness, in our hands light and fire.

Each one is a small light and together we are a strong light.

Away with you darkness, go blackness!

Run away, from the light!

Why is the December Edition of "Ma Nishma" always in English?

Noah Stern

Alpha Omega gave the first tens of thousands of dollars to the Hebrew University management to build the first Dental School in Jerusalem. This was only the start and later characters such as Isaac Schour from Chicago, Walter Cohen from Philadelphia and Henry Goldman from Boston – all respected deans in top American universities – worked to enable young Israeli dental Graduates to come and study how they teach Dentistry in the States. Alpha Omega funded their studies and their stay in the States and the graduates returned to Israel to pass on their knowledge and practical experience to the new faculty in Jerusalem. And so, as the years went by, our faculty became one of the best in the world.

This bond remains as strong as ever today. Our representatives go to AO's annual conventions, theirs come here and we maintain regular communication channels, one of which is the English edition of "Ma Nishma." The alumni journal is published quarterly, three times in Hebrew and once – in the winter for the annual AO Convention – in English.

Therefore, in deep gratitude, for our friends at Alpha Omega who want to know what is going on here at our dental school, we publish an edition in English. The journal is placed on the seats at the convention and is eagerly read by hundreds of AO delegates from all over the world.

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