

bone & tissue days

Tel Aviv 2018

10 - 11 May 2018

bone & tissue
regeneration

botiss
ISR biomaterials

soft tissue

education

hard tissue

program

LOCATION:
Dan Panorama Tel Aviv
Kaufmann St. 10, Tel Aviv-Yafo, Israel

bone & tissue days

Tel Aviv 2018

Congress Topic: 360° World of Regeneration

Moderators: Dr. Rachel Anner, Dr. Alon Sabaon, Dr. Jacob Horwitz

Thursday, 10th May 2018

08:00 – 08:45	Registration & Exhibition
08:45 – 09:00	Welcome & Opening ceremony
09:00 – 10:30	Daniel Rothamel & Ilan Beititum: 360° World of regeneration
10:30 – 11:00	Coffee break
11:00 – 12:00	Jan Kielhorn: Update on maxgraft® cortico: Shell technique reloaded
12:00 – 13:00	Ran Herzberg & Guy Carmeli: Regenerative periodontal therapy for aesthetic and predictable results. What are the limits?
13:00 – 14:00	Lunch & Exhibition
14:00 – 15:00	Cobi Landsberg: Preservation of the „imperfect socket“: Is it effective?
15:00 – 16:00	Benjamin Retzkin: Complications in sinus elevation surgery
16:00 – 16:30	Coffee break
16:30 – 17:30	Marius Steigmann: Preventing and solving complications for bone grafting

2 parallel workshops

13:30 – 16:00	Workshop Jan Kielhorn: maxgraft® cortico: Shell technique reloaded – new ways for an established technique
13:30 – 16:00	Workshop Giovanni Zucchelli/ Martina Stefanini: Mucogingival esthetic surgery

Friday, 11th May 2018

08:00 – 08:30	Welcome coffee & Exhibition
08:30 – 10:30	Giovanni Zucchelli: Soft tissue defects around osteointegrated implants
10:30 – 11:15	Mirela Feraru & Nitzan Bichacho: Managing the perio-restorative interface of implant-based restorations at the smile zone: Concepts and strategies – Part 1
11:15 – 11:45	Brunch & Exhibition
11:45 – 12:30	Mirela Feraru & Nitzan Bichacho: Managing the perio-restorative interface of implant-based restorations at the smile zone: Concepts and strategies – Part 2
12:30 – 14:00	Oliver Blume: Cutting-edge techniques in bone augmentation using a customized allogenic block
14:00 – 14:15	Book lottery for all registered* participants: Mucogingival Esthetic Surgery by Giovanni Zucchelli (Quintessence)

*participants that registered on Thursday morning and entered their card into the lottery box

Thursday, 10th May 2018 bone & tissue days Tel Aviv

Lectures

09:00 – 10:30:

[Daniel Rothamel & Ilan Beititum](#)
360° World of regeneration

One of the most challenging procedures in implantology is the predictable and safe regeneration of bone and soft tissue defects. Besides autogenous bone, different biomaterials such as bovine bone substitutes in combination with absorbable or non-absorbable membranes have shown predictable results in jaw augmentation procedures. In contrast to the patient's own bone, the use of these biomaterials avoids the requirement of donor tissue and thus the potential accompanied donor site morbidity. However, bone substitutes differ significantly in terms of biochemical aspects, influencing the volume stability, speed of bone formation, graft remodeling and patient acceptance. Also, the quality of the recipient site, the healing time and the resorption and transmembraneous angiogenesis of the barrier are affecting the regeneration outcome. The presentation will focus on the decision making whether to use patient's own (autologous) tissue or biomaterials to obtain predictable outcomes of regenerative treatments in the daily practice.

11:00 – 12:00:

[Jan Kielhorn](#)
Update on maxgraft® cortico:
Shell technique reloaded

For many clinicians the use of autogenous bone is still the gold standard in bone augmentation due to the high number of viable cells, osteoinductive factors and the osteoconductivity of native bone. The drawbacks of this technique are the risk of donor site morbidity, which is closely associated with the requirement for bone harvesting, and increased chair time resulting from the manual adaptation of the graft. In order to address the emerging desire of patients and clinicians alike for predictable and less invasive augmentation procedures, a variety of substitute materials have been developed, of which maxgraft® allografts, with respect to their structural and biological characteristics, come closest to the patient's own bone. Especially regarding the modified shell technique, all the surgical skills obtained from using autologous bone can be translated into performing natural bone regeneration with maxgraft® cortico and maxgraft® granules. The presentation will update you on the rationale of the allogenic shell technique, demonstrate compelling cases and provide you with interesting details for an optimal clinical outcome.

12:00 – 13:00:

[Ran Herzberg & Guy Carmeli](#)
Regenerative periodontal therapy
for aesthetic and predictable results.
What are the limits?

Although regenerative periodontal treatment has been well established for over three decades, dramatic changes have occurred over the years. Nevertheless, limitations exist, mainly regarding aesthetic outcome and the ability to retain teeth with severe tissue damage. The presentation will discuss the limits and limitations of regenerative periodontal procedures, as well as evolving surgical techniques designed to enhance predictable results.

14:00 – 15:00:

[Cobi Landsberg](#)
Preservation of the
“imperfect socket”: Is it effective?

Tooth extraction is always followed by a significant loss of alveolar hard and soft tissues, which may be regenerated by a variety of surgical procedures, some of them are quite aggressive. Aiming at minimizing the need for such extensive procedures is the socket preservation approach which to date includes a full array of techniques. Socket preservation was initially implemented in “perfect sockets” of which the socket bony walls are intact. Over time it became an almost routine procedure also in “imperfect sockets” of which the labial bone is partially or completely missing. This presentation will critically evaluate a variety of contemporary socket preservation techniques with respect to their role and effectiveness in the process of pontic or implant site development in “imperfect socket” cases in the aesthetic zone.

Thursday, 10th May 2018 [bone & tissue days](#) Tel Aviv

Lectures

15:00 – 16:00:

[Benjamin Retzkin](#)

Complications in sinus elevation surgery

16:30 – 17:30:

[Marius Steigmann](#)

Preventing and solving complications for bone grafting

Installing Implants in the posterior part of the maxilla is often difficult or impossible due to loss of the alveolar process, poor bone quality and maxillary sinus pneumatization. Vertical alveolar ridge augmentation is often necessary before or in conjunction with the installation of implants. Different surgical approaches aiming for the elevation of the Schneiderian membrane have been proposed in order to achieve the necessary vertical height of the alveolar process for the installation of implants with a sufficient length. Sinus elevation is considered a predictable preprosthetic procedure. The survival rate of the implants that are placed in the augmented sinus is very high.

There are two approaches for sinus elevation: the crestal approach and the lateral approach. Both procedures can be associated with Intraoperative and Postoperative complications albeit infrequently.

The lecture will deal with the anatomy of the normal and healthy sinus, contraindications for surgery, indications for crestal or lateral approach surgery as well as avoiding complications and managing them when they appear.

Over time bone augmentation has moved from highly specialized clinics into the dental office. With the help of modern grafting materials the gain in bone volume that can be achieved in the dental office by augmentative procedures has increased year after year. However, the main issue remains soft tissue closure for high volume augmentations. We have developed special flap designs and suturing techniques specific to location and bio-type to solve soft tissue management problems. The participants will learn how to achieve successful primary wound closure according to the location.

Workshops **2 parallel workshops 13:30 – 16:00:**

[Jan Kielhorn](#)

maxgraft® cortico: Shell technique reloaded – new ways for an established technique

[Giovanni Zucchelli & Martina Stefanini](#)

Mucogingival esthetic surgery

The shell technique is a well-established bone augmentation technique that is being performed worldwide for a multitude of different indications. Allogenic cortical struts have the potential to overcome the requirement for bone harvesting, enabling an efficient and less invasive treatment. During this course, different applications of the shell technique will be presented and discussed based on clinical cases. Proper soft tissue management, a prerequisite for a successful bone augmentation, will also be a special focus.

During the hands-on different applications of pre-fabricated bone plates can be experienced with valuable hints and tricks for improved results and most efficient handling.

Prepare to be inspired by a state-of-the-art bone regeneration technique that might help you to find your own optimal way.

The hands-on course is planned and designed to develop periodontal surgical skills. Each procedure is trained step by step in detail with live demonstrations on pig jaws and each participant also performs procedures on pig jaws. The course is instructed by Prof. Zucchelli and Dr. Martina Stefanini.

The workshop will enable participants to perform the following techniques:

- Flap design for the treatment of single and multiple recession defects
- Split-full-split flap elevation
- Connective tissue graft harvesting technique
- Suturing techniques

Friday, 11th May 2018 [bone & tissue days](#) Tel Aviv

Lectures

08:30 – 10:30:

[Giovanni Zucchelli](#)

Soft tissue defects around osteointegrated implants

The recession of the buccal soft tissue margin is a frequent complication of well integrated dental implants. The appearance of metallic structures or even their transparency through the thin buccal soft tissues are common reasons for patient complains. Mucogingival plastic surgery can be successfully used in combination with a prosthetic approach to treat soft tissue dehiscence around dental implants. This approach consists of a presurgical phase in which the crown is removed and the abutment reduced in order to increase the space between it and the adjacent teeth that will be filled with soft tissue. The second phase is the mucogingival one, consisting of a connective tissue graft positioned above the abutment and completely covered by a coronally advanced flap. During the postsurgical phase a temporary crown is used to condition the augmented soft tissue.

The aim of the lecture is to describe step by step this new combined surgical and restorative procedure for the treatment of soft tissue defects around implants.

10:30 – 11:15 and 11:45 – 12:30

[Mirela Feraru & Nitzan Bichacho](#)

Managing the perio-restorative interface of implant-based restorations at the smile zone: Concepts and strategies.

In order to achieve a harmonious natural-looking result of artificial implant restoration at the smile zone, the operator must choose a specific implant system and restorative materials, analyze the operative site and plan for a healthy integration of the whole restorative complex and the implant fixture within the surrounding living tissues beforehand. At the smile zone, the goal should be to obtain a natural-looking peri-implant soft tissue embracing a natural-looking functioning crown.

The accumulated insights gained in the last 20 years on bone and tissue response (and alterations) around implants, enable biologic implementation of different surgical and restorative approaches, so that the abutment-crown complex is planned to blend in with the adjacent dentition and realized accordingly.

This presentation highlights various options available today when selecting implant-based restorations to replace missing teeth at the smile zone, providing the audience with a comprehensive understanding of this treatment modality.

12:30 – 14:00:

[Oliver Blume](#)

Cutting-edge techniques in bone augmentation using a customized allogenic block

Despite the development of short and diameter-reduced implants, many patients still require alveolar ridge augmentation procedures to facilitate optimal implant stability and hence, clinical success. Spanning over the whole spectrum of modern augmentation techniques, Dr. Blume will give insights into the different concepts and ways of bone regeneration and augmentation. Digital technology nowadays not only gives us the opportunity to simulate implantation and prosthetic restoration, but also to visualize the bone defects by means of digital data. Based on CT or CBCT a custom-made allogenic block is designed to match each individual defect situation. The technology not only overcomes the requirement for autologous bone harvesting, which saves the patient an additional surgical site and pain, but also reduces the surgical time, since no manual adjustment of the block to the defect situation is necessary, with comparable clinical outcomes compared to autologous bone blocks.

As one of the first users Dr. Oliver Blume will present clinical data and experiences from his 5 year practice. He will provide images, surgery videos and animations of the clinical use of maxgraft® bonebuilder as well as the involved workflow. Furthermore, he gives an overview of the possibilities and limitations of existing surgery methods and incision techniques. On top of that, possible indications for these customized bone blocks will be illustrated.

Speakers



Prof. Dr. Dr. Daniel Rothamel

- Since July 2017 Head of Department, Oral and Maxillofacial Plastic Surgery, Johanniter Hospital Bethesda Mönchengladbach, Germany and Associate Professor, Heinrich-Heine University Düsseldorf, Germany
- 2016-2017: Chief Senior Physician, Department of Oral and Maxillofacial Plastic Surgery (Prof. Dr. Dr. J. Kubler), Heinrich-Heine University, Düsseldorf, Germany
- 2013-2016: Chief Senior Physician, Department of Oral and Maxillofacial Plastic Surgery (Prof. Dr. Dr. J. Zoeller), University of Cologne, Cologne, Germany
- 2009: PhD Thesis: "Reconstruction of jaw defects using artificial and autogenous bone blocks in combination with growth factors"
- Since 2008: Research Associate, Department of Oral and Maxillofacial Plastic Surgery (Prof. Dr. Dr. J. Zoeller), University of Cologne, Cologne, Germany
- 10/2008: Dr. med., magna cum laude, Thesis: "Biocompatibility, biodegradation and angiogenetic aspects of native and cross-linked collagen membranes"
- 06-12/2007: Post-doc Student at the Department of Oral Pathology and Molecular Research, Westmead Hospital, University of Sydney, Sydney, Australia (granted by DAAD)
- 01/2007: Specialization in Oral Surgery
- 02-03/2005: Volunteer at the Clinic of Plastic and Reconstructive Surgery in Sankhu, Kathmandu, Nepal
- 01/2004: Dr. med. dent., magna cum laude, Thesis: "Establishing a new method for quantification of tooth hypersensitivity"
- 2002-2007: Research Associate, Department of Oral Surgery (Prof. Dr. J. Becker) Heinrich-Heine University, Düsseldorf, Germany
- 2001-2007: Medical School, Heinrich-Heine University, Düsseldorf, Germany
- 1996-2001: Dental School, Heinrich-Heine University, Düsseldorf, Germany



Dr. Ilan Beitlitum

- Dr. Beitlitum graduated the The Maurice and Gabriela Goldschleger School of Dental Medicine, Tel Aviv University in 1993.
- Specialized in periodontics and implant dentistry between 1996-2000 in the same institute and a member of the Department of Periodontology and Dental Implantology since 2001.
- Coordinator of the 5th year of undergraduate students in Periodontology and Implantology since 2013.
- SHILA-MEDICAL SERVICES Ltd - Adviser for dental implants, surgical material and quality control.
- Research focus: GBR and maxillary sinus augmentation, guided implant placement, implants in the aesthetic zone.
- Clinical practice limited to periodontology and implant placement.



Dr. Cobi Landsberg

Dr. Cobi Landsberg graduated from the Faculty of Dental Medicine, the Hebrew University and Hadassah, Jerusalem, in 1977. In 1984 he graduated from specialized study in periodontics at Boston University, and from 1992 is a diplomate of the American Board of Periodontology. Dr. Landsberg is a past chairman of the Israel Periodontal Society, and is formerly an instructor in periodontics at the specialized study program at the Department of Periodontology, Faculty of Dental Medicine, Hebrew University and Hadassah, Jerusalem. Dr. Landsberg has published numerous scientific and clinical articles on periodontology and implant dentistry in the international dental literature, and has lectured extensively in Israel and abroad. He is currently a member of the editorial board of Journal of Cosmetic Dentistry (JCD) and has been an active member in the European Academy of Esthetic Dentistry since 1995. Dr. Landsberg maintains a private practice limited to periodontics and implant and regenerative surgery in Tel Aviv (Israel).



Jan Kielhorn

- Specialization: 3D diagnosis, navigated surgery, oral implantology, augmentation, CAD/CAM.
- 2005: Opening of the Implant Competence Center in Oehringen, Germany.
- Author of scientific articles (DPB).
- Visiting Professor at the University Ludhiana, Punjab, Department of Oral Implantology.
- 1998-2005: Medical Assistant at the Implant-Education-Center (Dr. Dr. Haessler, Oppenheim, Germany).
- Specialist for Periodontology (DGP).
- Specialist for Oral Implantology (DGI, DGZI, BDO, BDZI).
- Oral Surgeon.
- Specialist training in oral surgery in privat practice (Dr. Dr. Haessler, Oppenheim).
- Studies of Dentistry at the Ruperta-Carola-University, Heidelberg, Germany.



Dr. Benjamin Retzkin

- Graduate from the Periodontal Department in Jerusalem.
- Academic staff in the Institute for Continuing Education in Haifa.
- Part of Moriah Specialists Center.
- Holds a private practice limited to periodontics and implant surgery in Ramat Aviv, Tel Aviv.



Dr. Ran Herzberg

Dr. Ran Herzberg graduated from the Tel-Aviv University Dental School with honors in 2001. Thereafter, he was as a member of the Prosthodontics Department and attended as a clinical instructor in the years 2001-2006. In 2009, he graduated from the post-graduate program in periodontics in the University of Tel-Aviv and continued to attend as a clinical instructor in the Department of Periodontology and osseointegration until 2014. Over the years, he continued to expertise in soft tissue management and bone augmentation in leading surgical centers over the world. Dr. Herzberg has published scientific papers regarding implant success and bone augmentation in principal journals and lectured about these topics in conferences in Israel and Europe.



Dr. Guy Carmeli

- Specialist in Periodontology and Implant dentistry.
- Dr. Carmeli trained and graduated with honors at Tel Aviv University's School of Dental Medicine.
- Dr. Carmeli specialized in periodontics and implant dentistry at the university's Department of Periodontology.
- Dr. Carmeli is a certified Specialist in Periodontology and Implant Surgery with Israel's Ministry of Health.
- Dr. Carmeli runs a private clinic specializing in Periodontology, bone augmentation procedures, Implantology and periodontal plastic surgery and serves as a Senior physician at the dental - Oral & Maxillofacial Surgery unit in Bnei Zion hospital in Haifa.
- Dr. Carmeli participates and lectures in courses and conferences in Israel and abroad and has published a series of scientific articles.



Dr. Marius Steigmann

- Adjunct Clinical Associate Professor University of Michigan Dpt. of Periodontics.
- Adjunct Assistant Professor of oral and maxillofacial surgery Boston University.
- Adjunct Assistant Professor University of Pennsylvania Dpt. of Endodontics.
- Honorary Professor of the "Carol Davila" University Bucharest, Invited Senior Guest.
- Visiting Professor University of Szeged faculty of dentistry.
- Visiting professor Department of Implantology in Temeschburg.
- Dr. Steigmann lectures and publishes extensively.
- Member of several associations (such as DGOI, FIZ, BDIZ and ICOI).
- He is a Diplomate of the ICOI and other European societies.
- Member of the board of the DGOI.
- Dr. Steigmann also received the medal of "Semmelweis" Budapest University dental school, dept. of oral and maxillofacial surgery.
- 2005: Dr. Steigmann received his PHD from the University of Neumarkt.
- 2002-2012: Founder and Scientific chairman of "Update Implantologie Heidelberg".
- 2005-2011: Dr. Steigmann served as ICOI Vice President of Germany.
- Founder and director of the "Steigmann Institute".
- Dr. Steigmann maintains a private practice in Neckargemünd, Germany.



Prof. Dr. Giovanni Zucchelli

- Doctor in Dentistry.
- Professor of Periodontology at the University of Bologna.
- PhD in Medical Biotechnology applied to Dentistry.
- Active member of Italian Society of Osseointegration, Italian Society of Periodontology, European Federation of Periodontology and American Academy of Periodontology.
- Member of the Editorial Board of the European Journal of Aesthetic Dentistry and International Journal of Periodontics and Restorative Dentistry.
- Winner of scientific prizes for his research in periodontology in Italy, USA and Europe.
- Author of more than 100 scientific publications in the field of periodontology.
- Co-author of an atlas textbook on soft tissue plastic surgery (Ed. Martina) and of the chapter "Mucogingival therapy – periodontal plastic surgery" in the Jan Lindhe textbook "Clinical Periodontology and Implant Dentistry", 5th edition - (Ed. Wiley-Blackwell).
- Author of the book "Mucogingival Esthetic Surgery", Quintessence Publishing



Prof. Dr. Nitzan Bichacho

- Nitzan Bichacho, D.M.D. holds the post of expert in prosthodontics at the rank of professor, at the Faculty of Dental Medicine, Hebrew University, Jerusalem, Israel.
- He is past President and a Life Member of the European Academy of Esthetic Dentistry (EAED). He also serves on the editorial boards of leading international dental journals.
- He is a co-inventor of the Nobel Active Implant System, the V3 implant system (MIS/Dentsply) and other techniques and systems that have become widely used around the world.
- Prof. Bichacho has been publishing and lecturing extensively worldwide in the fields of dental implant therapy, fixed prosthodontics, interdisciplinary treatments and innovative treatment modalities in aesthetic dentistry.
- His private practice in Tel Aviv focuses on interdisciplinary treatments, where he collaborates with multinational master dental technicians.



Dr. Mirela Feraru

Dr. Mirela Feraru graduated in 2005 from the Dental Faculty of the Timisoara University, Romania. In 2009, she joined the Bichacho Clinic team in Tel Aviv, Israel and for the last 8 years, Dr. Feraru has gained in-depth knowledge and experience in all fields of Perio-Prosthetic Aesthetic Dentistry, focusing on Restorative and Perioplastic surgery treatments. She continues studying and participating in advanced programs and courses in the various fields of modern Perio-Prosthetics. In addition, Dr. Feraru has acquired extensive experience in high quality dental photographic documentation and has been sharing it with colleagues worldwide through articles, lectures and workshops. Dr. Feraru has been publishing and lecturing internationally on Restorative Adhesive Treatments, Interdisciplinary state-of-the-art Perio-Prosthetic Concepts and Treatments and on High-end Treatment-Dedicated Dental Visualization, on which she also authored the book to be published by Quintessence Publishing.



Dr. Dr. Oliver Blume

In 1991, Dr. Blume started as a Training Assistant and Medical Specialist at the Department of Clinic of Oral and Maxillofacial Surgery at the Albert-Ludwigs-University, Freiburg. In 1994, he received his recognition as a Dentist for Oral Surgery. Two years later, he obtained his PhD for Oral and Maxillofacial Surgery. Since 2002, he established a private practice with Dr. Back with focus on implantology in Munich. In 2012, he obtained his Master of Science (Implantology). His certifications include „Activity emphasis on implantology“- certified by the Federal Association Dt. Doctors in oral maxillofacial surgery (07/2002) and „Speaker for training courses in implantology“, - certified by the implantology consensus conference (08/2003).

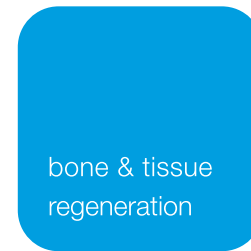
Dr. Blume is a member of INTERPLAST, DEVIEMED, THE RED CROSS and other organisations participating in different projects for the treatment of cleft lip/ cleft palate. Since 2006 official expert and referee for maxillo-facial surgery of the dental medical council of Bavaria. Since 2012 Visiting Professor at the Semmelweis University Budapest/ Hungary. Founding Member of the European Centers of Dental Implantology (ECDI). President of the subvisory board of the German Cleft Child Aid Society.



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Fees:

Congress lectures: 750 NIS

Congress lectures and workshop: 1950 NIS

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