

The Hellenic Society of Periodontology presents:

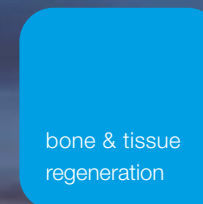
2nd Hellenic

bone & tissue days Athens 2020

14-15 February 2020

Organizing Committee:

Charalampos Kalaitzakis, Phoebus Madianos,
William Papaioannou, Spyridon Vassilopoulos



Program

Organized by the Hellenic Society of Periodontology

AGENDA

bone & tissue days
Athens 2020

FRIDAY | 14th February

07:30 – 10:00	Registration
08:00 – 10:00	Workshop Urs Braegger: How to remove a fractured component with the service set
10:00 – 10:30	Opening Ceremony
10:30 – 12:30	Urs Braegger: Management and prevention of hard tissue related complications with implant supported reconstructions Moderator: Assistant Professor Spyridon Vassilopoulos
12:30 – 13:00	Coffee break
13:00 – 15:00	Devorah Schwartz-Arad: Recovering the maxilla and the lip support – Advantages of combined therapy Moderator: Associate Professor William Papaioannou
15:00 – 16:00	Lunch
16:00 – 18:00	Ziv Mazor: Managing ridge atrophy using the osseodensification concept Moderator: Dr Charalampos Kalaitzakis, HSP President

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SATURDAY | 15th February

08:00 – 10:00	Workshop Sofia Aroca: Periodontal plastic surgery, treatment of multiple recessions
10:30 – 12:30	Sofia Aroca: State-of-the-art of soft tissue regeneration on teeth Moderator: Professor Phoebus Madianos
12:30 – 13:30	Lunch
13:30 – 15:30	Adrian Kasaj: Current concepts in reconstructive periodontal surgery Moderator: Professor Ioannis Vouros
15:30 – 16:00	Coffee break
16:00 – 18:00	Daniel Rothamel: Grafting procedures in implant dentistry: Autografts, alternatives and creative innovations Moderator: Professor Lazaros Tsalikis

Congress language: English

Please note that no translation
to Greek will be provided

Each **workshop**
is limited to 20 participants



Prof. Dr. Urs Braegger

Urs Braegger is Professor and Head of the Department of Reconstructive Dentistry and Gerodontology at the School of Dental Medicine at the University of Bern, Switzerland, a position he assumed in 2014. He holds a dental degree from the University of Bern, Switzerland (Dr. med. dent. 1980) as well as certificates in Periodontology (1987), Reconstructive Dental Medicine (2000), Medical Manager (2002) and Oral Implantology (2012). He served at the Faculty of the School of Dental Medicine and coordinated the comprehensive undergraduate curriculum from 1985-2010. He contributed numerous scientific publications related to imaging, periodontal and periimplant tissue conditions and longterm prosthetic risks.

Prof. Braegger is a member of several professional organizations, fellow of the ITI and former president of the Swiss Society for Reconstructive Dentistry and the Swiss Society of Dentomaxillofacial Radiology. He performs reviews for several scientific journals.

LECTURE

Management and prevention
of hard tissue related complications
with implant supported reconstructions

In the introduction, the impressive amount of service needs for patients who have been restored with implant supported reconstructions will shortly be summarized according to published evidence.

Technical complications and failures may occur at each component and at each interface between implants, prosthetic components and the reconstruction provided by the dental laboratory.

Starting with the implant body and ending with the suprastructures, the lecture will lay out all possible locations where events may occur, the handling of the problem and how to prevent the specific complication. The lecture will comprise numerous clinical cases and how the problems were solved - thus, providing many tips for patients and the practice team.

WORKSHOP

How to remove a fractured component
with the service set

During the workshop of Prof. Braegger, participants will be familiarized with a dedicated service set especially developed for the retrieval of broken or non-retrievable prosthetic components.

Participants will learn the different indications and how to safely apply the tools. The entire process will require complete concentration and knowledge of the correct use of the precision instruments according to the manufacturers step by step instructions. The hands-on exercise includes the management of a blocked mucosa former as well as the removal of a fractured abutment screw. Furthermore, participants will be instructed on how to check that the entire fragment has been successfully removed. In addition, the administrative handling of complaints and practical hints for the organization of the patients' visit will be provided.

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Dr. Devorah Schwartz-Arad

A specialist in Oral and Maxillofacial Surgery (OMS), PhD degree in cancer research, anatomy and embryology. Graduated from the Faculty of Dental Medicine of the Hebrew University and was a senior lecturer in the Department of Oral and Maxillofacial Surgery at the School of Dental Medicine, Tel Aviv University until 2008. Since 2016, Dr. Schwartz-Arad is a Research Professor of the "Pharmacological Research in Dentistry Group" at the Faculty of Dentistry, State University of Granada (Spain) and Visiting Professor, UCAM, Universidad Catolica De Murcia, Murcia, Spain. Dr. Schwartz-Arad is the author of 78 research papers focusing on immediate dental implantation, bone augmentation procedures for dental implants, the influence of smoking on the success of dental implants. Dr. Schwartz-Arad presented more than 100 papers in scientific meetings and she is a renowned national and international lecturer. She is the author and editor of the books "Ridge preservation & immediate implantation" and "Esthetics in Dentistry" published by Quintessence. Dr. Schwartz-Arad is the Founder and President of "Conflict and Dialogue" study club and she is heading the Schwartz-Arad Continuing Education center. Dr. Schwartz-Arad is the owner and senior OMS of Schwartz-Arad Day-Care Surgical Center.

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LECTURE

Recovering the maxilla and the lip support
– Advantages of combined therapy

Alveolar bone deficiency, especially in the anterior maxillary area, can prevent ideal implant placement and jeopardize the esthetic outcome. The anatomic configuration in the atrophic site, creates acquired Angle Class III malocclusion influencing the surgical choices. Clinical cases of severe maxillary atrophy are described as a combination of sub-nasal, sinus elevation procedure and intra-oral autogenous bone used for ridge augmentation prior or simultaneously with dental implant placement combined with xenograft material mixed with platelets-rich-plasma (PRP) or bone-marrow aspirate (BMA) and covered with platelet-poor-plasma (PPP) as a biological membrane. Le Fort I Osteotomy were performed in few cases, simultaneously with dental implantation and immediate loading or as a second procedure.

The combination of few augmentations and surgical procedures enables better correction of the alveolar ridge in 3D (height, width and trajectory), which results in better prosthetic and esthetics outcomes. Techniques that are described in this presentation should be considered reliable, safe, and very effective to obtain high bone graft survival rate following high long-term implants' survival rate. Moreover, we believe that PRP and BMA as an autologous source of growth factors and stem cells mixed with osteoconductive bone substitute and covered with PPP as a biological membrane may offer a novel therapy with greater efficacy than any other combination or single therapies that were used in bone regeneration up to now.



Prof. Dr. Ziv Mazor

Prof. Ziv Mazor is one of Israel's leading periodontists. He graduated from the periodontal department of Hadassah School for Dental Medicine in Jerusalem, where he served as a clinical instructor and lecturer for undergraduate and postgraduate dental students. Since 1993, Prof. Mazor has been engaged in clinical research in the field of Bone Augmentation and Sinus Floor Elevation. He is currently participating in the quest for improving and evaluating new grafting materials using various growth factors as well as researching "osseodensification"- a paradigm shift in dental implantology. Prof. Mazor is a renowned author in dental implantology and is known worldwide for his innovative approaches in cutting-edge procedures and technologies. He is a world known speaker and has lectured extensively both nationally and internationally. This year will be his 25th consecutive year speaking at the AAP. Prof. Mazor is part of the continuing education faculty at the New York University and an Associate Professor at Titu Maiorescu University in Bucharest, Romania. He conducts and moderates advanced international implantology courses and workshops. He is the past President of the Israeli Periodontal Society. Prof. Mazor maintains a private practice limited to periodontal and implant dentistry and an educational center in Tel Aviv, Israel.

LECTURE

Managing ridge atrophy using the osseodensification concept

Dental implants have become an optimal solution for replacing missing teeth. Long-term studies validate this treatment option in single as well as complete edentulous patients. Bone resorption sometimes makes implant placement a difficult task both in anterior as well as posterior regions demanding advanced surgical regenerative procedures. In some situations, it requires long term treatment with an unpredictable prognosis. The presentation will focus on the concept of using new innovative treatment approaches as well as unconventional surgical manipulations dealing with the atrophic ridge.

The new concept of "osseodensification" will be presented enabling the clinician to preserve existing bone and enhance the outcome through a minimal invasive approach. Osseodensification is a novel, bio-mechanical, non-excitation osteotomy preparation method. Unlike traditional bone drilling technologies, osseodensification does not excavate bone tissue. Rather, it preserves bone bulk, so bone tissue is simultaneously compacted and autografted in an outwardly expanding direction to form the osteotomy. It is accomplished by using proprietary densifying burs. When the densifying bur is rotated at high speed in a reversed, non-cutting direction with steady external irrigation (Densifying Mode), a dense compacted layer of bone tissue is formed along the walls and base of the osteotomy.

The presentation will show step by step the procedure of this minimal invasive, innovative technique for ridge expansion as well as sub crestal sinus augmentation with long-term follow ups of both clinical and CBCT radiographs. It will highlight the benefits of this treatment modality compared to the existing techniques.

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Prof. Dr. Sofia Aroca

UNIVERSITY QUALIFICATIONS

1985 Doctor in Odontology, University of Budapest, Hungary
1991 Post-graduate of dental biomaterials. University Paris VII, France
1992 Certificate of Periodontology, University Paris VII, France
1996 Post-graduate in Periodontology and Oral Implantology, University Paris VII, France

2010 PhD University of Szeged Faculty of Dentistry, Hungary

2012 Honorary Professor, Szeged Faculty of Dentistry, Hungary

ACADEMIC POSITIONS

1998 - 2001 Assistant Professor, University Paris VII, France

Since 2001 Lecturer on Post-graduate in Periodontology and Oral Implantology, University Paris VII, France

Since 2008 Visiting Professor, University of Szeged Faculty of Dentistry, Hungary

Since 2009 Visiting Professor Bern University Department of Periodontology, Switzerland

Since 2012 Honorary Professor, Faculty of Dentistry, University of Szeged, Hungary

PROFESSIONAL ACTIVITY

1996 - 2018 Owner of a private practice of Periodontology and Oral Implantology, Saint Germain en Laye, France

Since 2018

- Co-owner of Center of Clinical Research and Center of Continuing Education, Paris, France
- National and International lecturer on the field of Periodontal Plastic Surgery
- Author of many international publications and co-author of a book on Periodontal Regenerative Therapy

LECTURE

State-of-the-art of soft tissue regeneration around teeth

In the daily practice, the clinician often faces soft tissue defects around teeth. In order to treat them, the practitioner has at his/her disposal several surgical treatment modalities, which can make the right choice to achieve the best result difficult. Based on the available scientific literature and clinical experience, different surgical protocols will be discussed to manage the soft tissue defects around teeth. The techniques to surgically treat recession type defects are mainly derived from the coronally advanced flap, the supraperiosteal envelope technique in combination with a subepithelial connective tissue graft, or its evolution as a tunnel technique. They have been developed to achieve a complete root coverage with improved aesthetic outcome, but few of them can provide complete root coverage in RT2/RT3 recessions as these types of defects present loss of interproximal bone and soft tissues. Dr. Aroca will describe in detail the modified tunnel technique and focus on all parameters that must be evaluated to make the decision making process less complex and the results more predictable. We also will immerse into the biology of the tissues in order to have a better understanding of their management and to learn how to create a favorable environment for a predictable healing. Therefore, the goal of this presentation is to share different surgical protocols to manage soft tissue defects successfully and to provide a deep knowledge to apply them in the daily clinical practice.

WORKSHOP

Periodontal plastic surgery, treatment of multiple recessions

Periodontal plastic surgical procedures aiming to treat multiple recession defects have been extensively described in the literature. Most of them can be combined with CTG or with soft tissue substitutes in order to increase the marginal gingival thickness, which in turn ensures long-term stability.

HANDS-ON PART - TECHNIQUES PRESENTED:

- The surgical procedures used to treat recession defects are technically very sensitive and need a deep knowledge on behalf of the clinician in order to obtain predictable results.
- The course will focus on the step by step presentation of the tunnel technique as well as a comprehensive philosophy of surgical risk factors need to be taken into account to optimize the clinical outcomes. Clinical cases and surgical techniques using connective tissue grafts and a new resorbable matrix will be demonstrated.

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Prof. Dr. Dr. h.c. Adrian Kasaj

Prof. Dr. Adrian Kasaj, DDS, MSc, PhD is a Professor of Periodontology in the Department of Operative Dentistry and Periodontology at the University Medical Center Mainz, Germany. In 2002 he received his Dr. med. dent. degree from the University of Mainz and continued postgraduate training in Periodontology (2002-2005) at the same University. He became a certified Specialist in Periodontology of the German Society of Periodontology (DGParo) in 2006 and also of the European Dental Association (EDA) in 2007. From 2002-2009 he was an Assistant Professor in the Department of Operative Dentistry and Periodontology at the University of Mainz. In 2009 he completed his PhD thesis (Habilitation) and became Associate Professor in the Department of Operative Dentistry and Periodontology, University of Mainz. In 2012 he became a Visiting Professor in the Department of Periodontology at Timisoara University, Romania. From 2012-2014 he completed the post-graduate program "Master of Science in Oral Implantology" (German Society of Implantology/Steinbeis University). In 2014 he was awarded the "Doctor honoris causa" (Dr.h.c.) degree by the University of Timisoara, Romania. In 2016 he was appointed as an extracurricular Professor at the University of Mainz, Germany. Prof. Kasaj has published more than 90 original articles and reviews, lectures extensively in Germany and abroad and serves on several editorial boards and advisory committees.

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LECTURE

Current concepts in reconstructive periodontal surgery

The management of teeth periodontally compromised by deep intraosseous lesions has been a major therapeutic challenge for many years. For this purpose, various surgical techniques and biomaterials have been investigated in an attempt to reconstruct lost or damaged periodontal tissues. Thus, reconstruction of periodontal tissues may be achieved by application of barrier membranes, grafts, biological agents, and their combinations. However, although reconstructive procedures are widely accepted as safe and effective, there is a high variability in treatment outcomes. Recently, minimally invasive surgical and non-surgical treatment options have been introduced with the aim to minimize tissue trauma, decrease patient morbidity and simplify the treatment procedure.

The goal of this presentation is to update clinicians on the recent advances in biomaterials and surgical techniques in reconstructive periodontal procedures.



Prof. 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

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

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LECTURE

Grafting procedures in implant dentistry: Autografts, alternatives and creative innovations

One of the most challenging procedures in implantology is the predictable and safe regeneration of lateral and vertical bone defects. Besides autogenous bone as the gold standard for jaw augmentation procedures, different biomaterials, such as bone substitutes and membranes have shown predictable results especially in lateral grafting applications. In contrast to the patient's own bone, their use is not accompanied by donor site morbidity, leading to high patient acceptance. Moreover, careful selection from different bone substitutes can focus on specific properties like volume stability, osteogenicity, origin, porosity, and ease of clinical application. However, the use of bone substitutes is accompanied by the risk of soft tissue ingrowth and subsequent incomplete graft regeneration. The use of a pericardium-based collagen membrane allows for long barrier function but still maintaining advantages of the native collagen structure, such as biocompatibility, tissue integration, nutrition transfer and graft stabilization. However, quality of the recipient site, the osteogenicity of the graft, a transmembraneous angiogenesis of the barrier and the selected healing time are also affecting the predictability of the regeneration outcome.

Newly developed techniques, such as splint and ravioli technique as well as bonebuilder are focusing on graft immobilization and ease of clinical application. They might be interesting additional tools to fulfill the increasing expectations of the modern patient.

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Registration fees

Congress:
Early Bird until 17/01/2020

Members:	200 €
Non-Members:	250 €
Students:	150 €

From 18/01/2020

Members:	280 €
Non-Members:	350 €
Students:	200 €

Workshops (Hands-on):

Prof. Urs Braegger (120 min)	150 €
Dr. Sofia Aroca (120 min)	150 €
2 Workshops	300 €

Registration:

Hellenic Society of Periodontology
Tel./Fax: + 30 210 7484167
Email: help perio@periodontology.gr
Website: www.periodontology.gr

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in Athens!

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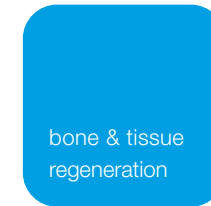


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Venue:

Royal Olympic Hotel
28-34, Athanasiou Diakou Str.
117 43 Athens

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