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

Organized by the Hellenic Society of Periodontology
**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 bone resorption using the osteodensification 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 Kasap: 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

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Congress language: English

Please note that no translation to Greek will be provided

Each workshop is limited to 20 participants
Prof. Urs Braegger is Professor and Head of the Department of Reconstructive Dentistry and Gerodontology at the School of Dental Medicine of the University of Bern, Switzerland (Dr. med. dent. 1980) as well as certificates in Periodontology (1987), Reconstructive Dental Medicine (2000), and Oral Implantology (2002), he served as a fellow of the ITI and former president of the Swiss Society for Prosthetic Risks.

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 implant, prosthetic component, and the patient. Handling the problem and how to prevent the specific complication will be instructed on how to check that the entire fragment has been successfully removed. In addition, the administrative handling of the removed abutment screw. Furthermore, participants will be familiarized with the service set with the hands-on exercise focusing on immediate dental implantation, bone augmentation procedures for dental implants, the influence of smoking on the success of dental implants. Dr. Schwartz-Arad is the Founder and President of “Conflict and Dialogue” study club and she is heading the Schwartz-Arad Center of Excellence in Oral and Maxillofacial Surgery at the School of Dental Medicine, Tel Aviv University since 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, U.C.A.M, 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. Pr. Dr. Urs Braegger contributed numerous scientific publications related to imaging, periodontal and periimplant tissue conditions and longterm complications of implant supported reconstructions.

In the lecture, the hands-on exercises will enable participants to handle complications of implant supported reconstructions.

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.

The combination of few augmentations and surgical procedures enables 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 PRP 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.

Dr. Devorah Schwartz-Arad

A specialist in Oral and Maxillofacial Surgery (OMS), PhD degree in cancer research, anatomy and orthopedics, 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 2004. Since 2004, 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, U.C.A.M, 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 150 papers in scientific meetings and one is a reviewed 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.

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 the problems were solved - thus, providing many tips for patients and the practice team.

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Prof. Dr. Ziv Mazor

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 1996, 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 hallmark of dental implantology, this technique involves rotating a bone graft 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. 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. 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. 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. 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. It is accomplished by using proprietary densifying burs.

The new concept of "osseodensification" will be presented enabling the clinician to preserve existing bone and enhance this outcome through a minimal invasive approach. Osseodensification is a novel, biocompatible, non-irritation technique that is less invasive than traditional bone grafting techniques. Osseodensification involves the use of proprietary densifying instruments to create a dense, compacted bone layer. This technique is advantageous because it minimizes surgery, reduces patient discomfort, and promotes rapid bone healing.

In this course, Dr. Mazor will provide an overview of osseodensification and demonstrate its application in clinical settings. Participants will learn how to integrate this innovative technique into their daily practice, enabling them to improve bone density and enhance patient outcomes. The course will include didactic presentations, hands-on workshops, and discussion sessions to ensure a comprehensive learning experience. By the end of the course, participants will have a solid understanding of the principles and techniques of osseodensification, enabling them to incorporate this cutting-edge approach into their clinical practices.

LECTURE
Managing ridge atrophy using the osseocoronal concept

Dental implants have become an optimal solution for replacing missing teeth. Long-term studies validate this treatment option in as well as complete esthetic 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 "osseocoronal" will be presented enabling the clinician to preserve existing bone and enhance this outcome through a minimal invasive approach. Osseocoronal is a novel, biocompatible, non-irritation technique that is less invasive than traditional bone grafting techniques. Osseocoronal involves the use of proprietary densifying instruments to create a dense, compacted bone layer. This technique is advantageous because it minimizes surgery, reduces patient discomfort, and promotes rapid bone healing. The techniques may be used in combination with traditional grafting materials to achieve better results and improve patient satisfaction.

In this lecture, Dr. Mazor will provide an overview of osseocoronal and demonstrate its application in clinical settings. Participants will learn how to integrate this innovative technique into their daily practice, enabling them to improve bone density and enhance patient outcomes. The course will include didactic presentations, hands-on workshops, and discussion sessions to ensure a comprehensive learning experience. By the end of the course, participants will have a solid understanding of the principles and techniques of osseocoronal, enabling them to incorporate this cutting-edge approach into their clinical practices.
The management of severely periodontally compromised by deep intrabony lesions has been a major therapeutic challenge for many years. For the purpose, various surgical techniques and biomaterials have been investigated in an attempt to reconstruct lost or damaged periodontal tissue. Thus, reconstruction of periodontal tissue 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 techniques and biomaterials have been investigated in an attempt to minimize tissue trauma, decrease patient morbidity, and simplify the treatment procedures.

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

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, quality of the recipient site, the osteogenicity of the graft, and the predictability of the regeneration outcome.

Newly developed techniques, such as splint and ravioli technique as well as transmembraneous angiogenesis of the barrier and the selected healing time are also affecting the predictability of the regeneration outcome.

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Looking forward to seeing you in Athens!

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:
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Website: www.periodontology.gr

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