

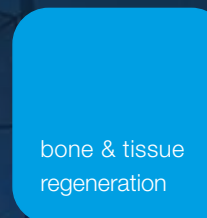
The Hellenic Society of Periodontology &
Implant Dentistry organizes and presents:



3rd Hellenic

bone & tissue days Thessaloniki

29 - 30 March 2024



PROGRAM



AGENDA

bone & tissue days
Thessaloniki 2024

FRIDAY | 29th March

08:30 – 10:00	Registration
09:30 – 10:15	Welcome Coffee
10:15 – 10:30	HSP President Lazaros Tsalikis: President's Welcome Address
	Moderator: Leonidas Batas
10:30 – 12:30	Georges Khoury: Hybrid bone regeneration (HBR TM)
12:30 – 13:30	Lunch
	Moderator: Spyridon Vassilopoulos
13:30 – 15:30	“Cutting-Edge” Technologies for bone regeneration Orly Nir Shapira: 1. New materials that make the difference Lior Shapira: 2. Digital Technologies
15:30 – 17:30	WORKSHOP Orly Nir Shapira: Biological and surgical principles that pave the way for success - the NOVAMag® product line

AGENDA

bone & tissue days
Thessaloniki 2024

SATURDAY | 30th March

08:00 – 10:00	WORKSHOP Theodoros Tasopoulos: Guide me how to plan and scan for a fully digital surgical template
	Moderator: Danae Apatzidou
10:00 – 12:00	Leonardo Trombelli: Novel techniques for lateral bone augmentation at implant placement
12:00 – 12:30	Coffee Break
	Moderator: Xanthippi Dereka
12:30 – 14:30	Grzegorz Wasiluk: Solutions to avoid biological and technical complications in implant prosthodontic reconstructions
14:30 – 15:30	Lunch
	Moderator: William Papaioannou
15:30 – 17:30	Phoebus Madianos: Minimally invasive reconstructive concepts for implant rehabilitation in the aesthetic zone

Organizing Committee:

[L. Tsalikis](#), [L. Batas](#), [Ch. Kalaitzakis](#), [W. Papaioannou](#)

Congress language: English

No translation to Greek will be provided

Each **workshop**

is limited to 20 participants



Georges Khoury

DDS, Oral Surgeon, CES, DU

- Co-Founder and president of European Dental School (E.D.S.)
- President of ICBS (International College Bone Surgery)
- Director of Postgraduate Program Advanced Implantology and Bone Reconstruction Dept. of Oral Implantology Paris VII, Rothschild Hospital
- Scientific director of Oral Surgery 2023, ADF Meeting France
- Past President of PEERS Group (Sirona/Dentsply)
- Past President of French Society of Aesthetic Dentistry

Dr. Georges Khoury's activity is focused on implantology and in particular on pre-implant bone reconstruction. He is currently the scientific director of the pre-implant bone reconstruction clinic at the Rothschild Hospital. Since 2008, Dr. Khoury was the President of the French Society of Aesthetic Dentistry and many other scientific societies including the PEERS group. He is also a member of the French Society of Oral Surgery, the French Association of Oral Implantology and an associate fellow of the American Academy of Implant Dentistry.

He is co-editor of Sinus Grafting techniques: Step by step guide – Springer, and he is also the author of numerous international publications and a worldwide speaker who has been invited to give lectures at many international conferences such as the ADF congress where he is the scientific director.

In 2021, he co-founded the European Dental School for practitioners who wish to acquire skills in bone regeneration and other implantology expertise. Dr. Khoury also works in a private practice, specializing in implant surgery.

LECTURE

Hybrid Bone Regeneration (HBR TM)

Gold standard in bone augmentations was defined as being autogenous bone for decades. Guided Bone Regeneration (GBR) appears lately as being a reasonable less invasive therapy, using only biomaterials, for limited defects. A better knowledge of the prerequisites for bone regeneration allows us to treat more severe defects, as vertical one. Substitute stability reducing micro movements by using membranes and meshes is a major evolution, but many authors still consider that the addition of autogenous bone to the biomaterials is mandatory to obtain newly formed tissues in severe defects. Harvested bone mixed with bone substitutes is described and defined as the standard protocol in advanced GBR. The thought is that Bone Morphogenic Proteins present in the pristine bone, initiate the process of substitutes remodeling. This is not really true. Hybrid Bone Regeneration (HBR TM) is based on the principles of GBR, but rather than trying to induce bone formation, is based on vessels induction and growth. Vessels are the key factor for any healing in the body.

Our clinical experience during the past 15 years based on HBR TM principles, without any autogenous bone, shows huge bone stability of the remodeled bone substitutes over years, whatever the defects sizes are.



Dr. Orly Nir Shapira

Dr. Orly Nir Shapira is a specialist in Periodontology. She got her dentistry diploma (DMD) and Specialty Certificate in Periodontology from the Hebrew University-Hadassah Faculty of Dentistry, Jerusalem, Israel. Dr. Nir Shapira is a past president of the Israeli Society of Periodontology and Osseointegration (2015) and was a society board member from 2012 to 2017.

Dr. Nir Shapira maintains a private practice limited to periodontology and implant dentistry in a suburb of Tel Aviv. Her clinical work focuses on treating periodontal diseases in young adults, non-surgical and minimally invasive surgery, and regenerative procedures of bone and soft tissue around teeth and implants. Dr. Nir Shapira shared her clinical experience as a national and international speaker regarding using local antimicrobials in periodontal treatment, modern approaches to periodontal care, oral aspects of women's health, the importance of soft tissue around implants, and guided bone regeneration.

LECTURE

“Cutting-Edge” technologies for bone regeneration

1. New materials that make the difference

Insufficient bone dimensions in partially edentulous patients constitute a significant challenge for implant installation due to anatomical limitations and technical difficulties. The guided bone regeneration (GBR) principles were applied to atrophic jaws more than 20 years ago and validated during this period by controlled trials and systematic reviews. The clinical concept implies using bone grafts protected by barrier membranes that mechanically exclude soft tissues from filling the osseous defects, allowing cells with an osteogenic potential to colonize the wound and reconstruct the bone. However, the use of the popular resorbable collagen membranes shows difficulties in maintaining the graft volume over time, and their fast resorption rate does not allow their use for large and vertical defects. The principles of bone reconstruction will be re-evaluated in the presentation. New “cutting edge” surgical techniques and state-of-the-art materials will be presented: the new resorbable magnesium membrane, NOVAMag® membrane. The NOVAMag® product line allows dentists to seek a mechanically strong yet completely bioresorbable biomaterial, being replaced with natural bone over time.

WORKSHOP

Biological and surgical principles that pave the way for success – the NOVAMag® product line

Guided Bone Regeneration (GBR) is one of the best-documented and widely used methods to regenerate bone in localized alveolar defects. The clinical concept implies using barrier membranes that mechanically exclude soft tissues from filling the osseous defect, allowing cells with an osteogenic potential to colonize the wound and reconstruct the bone. Many clinical studies and systematic reviews have documented that GBR is a successful method for augmenting bone and osseointegration of subsequently placed dental implants.

This workshop will provide insight into GBR: an introduction to the biological principles, surgical principles, and current and innovative concepts. The revolutionary NOVAMag® product line will be explained in detail, and the step-by-step procedure will be presented. The NOVAMag® product line allows dentists to seek a mechanically strong yet completely bioresorbable biomaterial, being replaced with natural bone over time. The introduction will be followed by a hands-on workshop, in which the participants can try and exercise GBR using the NOVAMag® product line.



Prof. Lior Shapira

Prof. Lior Shapira is the Chairman of the Department of Periodontology, a full-professor of Periodontology since 2004, and the “Betty & D. Walter Cohen Chair for Clinical Periodontal Research” at the Hebrew University. He was the Director of the Post-Graduate Program in Periodontology, Jerusalem, and the Vice Dean for Academic Affairs for 8 years. While serving as the Post-Graduate Director, the EFP (European Federation of Periodontology) approved the post-graduate program (first in Israel and 9th in Europe). He was a member of the EFP Scientific Committee for 3 years, an EFP Executive Committee member 2018-2023, and the EFP President 2022. Prof. Shapira graduated in Dentistry and Periodontology from the Hebrew University, Jerusalem Dental Faculty. Following a two-year fellowship in the Eastman Dental Center (University of Rochester, NY), he completed his Ph.D. thesis on the pathogenesis of periodontal diseases in Jerusalem.

Prof. Shapira has a long track record in dental research throughout his career. His research focuses on inflammation mechanisms during periodontal and peri-implant infections. He published over 180 scientific papers as well as many reviews. The research efforts were invested in understanding the pathogenesis of periodontitis and peri-implantitis using culture and animal studies. For this purpose, he developed novel mouse models for the 2 diseases that enable studying the cellular and molecular mechanisms. Many MSc and Ph.D. students have graduated from his lab and are field leaders.

Several international awards acknowledged the impact of his research work: *Teva award*, *Rizzo Award* - IADR periodontal research group, Finalist in the “*Jaccard-EFP Research Price Competition*,” *Sunstar Award* (Best article on perio-systemic connection), *Distinguish Scientist Award in Periodontal Research* – IADR, and Honorary member of the Israeli Dental Association. Prof. Lior Shapira currently serves on the editorial boards of the *Journal of Clinical Periodontology* and the *Journal of Periodontology*. He was also a member of the *Journal of Dental Research* editorial board.

Prof. Shapira served as a board member of the Israeli Society of Periodontology and Osseointegration and was the President of the Israeli Society.

LECTURE

“Cutting-Edge” technologies for bone regeneration

2. Digital technologies

The Guided Bone Regeneration (GBR) principles that were applied to atrophic jaws more than 20 years ago are still valid and well-documented. In the last decade, technology in telecommunication, radiology, and imaging have been evolving and integrating each other with great speed and simultaneity, changing the face of traditional dentistry. The digital revolution embraces the implant evolution for implant placement, restoration, and GBR.

The presentation will focus on digital means that help the surgeon plan and perform bone regeneration for implant placement for more accurate and efficient procedures. 3D printing of the patient's jaws and CAD-CAM technologies become available, allowing the surgeon to utilize the “personalized medicine” approach. The digital approach is more accurate, shortens the surgical procedure, and has fewer adverse effects. “I never think of the future. It comes soon enough...” (Albert Einstein).



Theodoros Tasopoulos

D.D.S., M.Sc., PhD

Dr. Theodoros Tasopoulos graduated from the School of Dentistry of the National and Kapodistrian University of Athens in 2004. He continued his studies at the University of Bristol (United Kingdom) and received his Master of Science degree in Prosthodontics in 2008. Dr. Tasopoulos successfully completed his thesis and was awarded a PhD degree in 2023. He is a member of several scientific societies and he has authored and co-authored a number of scientific papers published in international peer-reviewed journals. Additionally, he gives lectures and continuing education courses in the field of digital restorative dentistry, mouthguards and splint therapy. He has served as a digital dental specialist for 3Shape (KOL), since 2021. Dr. Tasopoulos has been practicing in his own dental clinic in Athens since 2008, where he practices all aspects of Restorative, Aesthetic and Implant Dentistry.

WORKSHOP

Guide me how to plan and scan for a fully digital surgical template

Our instructional workshop sponsored by Sadent will allow the participants to become familiar with the necessary digital workflow from scanning models with the new Trios 5 IOS to virtual planning of implant cases using prosthetically driven approach and executing surgical guide design selecting 3 Shape implant studio cad software.



Leonardo Trombelli
D.D.S., PhD

Full Professor and Chair, Periodontology, School of Dentistry, University of Ferrara. Director, Research Center for the Study of Periodontal and Peri-implant Diseases, University of Ferrara (1999-present). Assistant Professor at Advanced Education Program in Periodontics and Implant Surgery, Loma Linda University, Loma Linda, California (USA) (1995-2004). Director, Dental Clinic, University Hospital, Ferrara (2013-present). Director Primary Care Department, Azienda Sanitaria di Ferrara (2021-22). Dean, Dental School, University of Ferrara (2013-16). President, Medical School, University of Ferrara (2014-2016). Past President of the Italian Society of Osseointegration (2007-2009). Active member of Italian Society of Periodontology, Italian Academy of Osseointegration, International Association for Dental Research. Editorial Board member for the Journal of Clinical Periodontology (2000-present), Journal of Dental Research (2018-2023), member of the peer review panel for the Journal of Periodontology. He is co-author of more than 160 papers (PubMed database) with a H-index=39, 2 textbooks and 10 textbook chapters. He was actively involved in the formulation of the 2018 Classification of Periodontal and Peri-implant Diseases and Conditions as well as the recent Clinical Practice Guidelines for the treatment of Stage I-III periodontitis (2020), stage IV periodontitis (2022) and Peri-implant Diseases (2023). His private practice is limited to Periodontology and Oral Surgery.

LECTURE

Novel techniques for lateral bone augmentation at implant placement

The aim of the lecture will be to illustrate the indications and advantages of a novel surgical procedure for lateral bone augmentation based on the biologic potential of the patient's periosteum, namely the sub-periosteal peri-implant augmented layer (SPAL) technique. SPAL has been repeatedly validated in clinical practice and supported by published evidence.

During the lecture the technique will be thoroughly illustrated by using several surgical videos, including flap design, soft tissue management, selection of regenerative biomaterials and suture technique.



Grzegorz Wasiluk
DDS, PhD

Graduate of the Medical University of Gdansk, Poland. Past researcher in The Chair and Department of Dental Prosthodontics and Implant Dentistry, Medical University of Gdańsk. Present Vice President of Polish Academy of Aesthetic Dentistry. ITI Fellow. Co-founder of Med-Oral Dental and Medical Clinic in Rumia, Poland. Co-founder of High End Dentistry, education platform with prosthodontics and implantology courses and workshops. Dr. Wasiluk continued his postgraduate education in leading dental centers across the world (Germany, Spain, and the USA). He completed the curriculum in Implant Dentistry at the Mediterranean Prosthodontic Institute (Spain) and the University of North Carolina (USA). Dr. Grzegorz constantly brings his skills to higher levels, participating in numerous hands-on courses, e.g. in Los Angeles (University of Southern California) and in Seattle (Dr John Kois). As the first Polish prosthodontist, he completed the exclusive P3 Program for international speakers in Frankfurt am Main (Germany). Author and co-author of numerous publications concerning dental prosthodontics and implant dentistry, especially CAD/CAM solutions. National and international congress and course speaker. A passionate supporter of modern dentistry, constantly aiming for ideal smile of his patients, with use of minimally invasive treatment procedures.

LECTURE

Solutions to avoid biological and technical complications in implant prosthodontic reconstructions

The risk of biological, mechanical and aesthetic complications has been rising with the number of implants placed every year. The restorative connection to the implant can either be accomplished by screwing or cementing the restoration on standardized or customized abutment. Full arch reconstructions can either be fixed or removable due to patient needs. Cement-retained prostheses are commonly used to restore single unit restorations and bridges, however there are reasonable disadvantages of that connection type. Booth material used to restore the missing teeth and a type of retention, together with shape and volume of gingiva can have a big influence for long term success of the reconstruction. Mechanical complications can occur due to implant design, connection and materials used to manufacture a reconstruction.

The author reviews safe pathways to restore single and multiple unit restorations reviewing current literature and presenting his own experience. Both biological and technical aspects influencing the design of reconstructions are discussed. Avoiding complications is the first part of planning the case, which finally provides predictable outcomes. New algorithms in 3D planning, navigated placing of implants, together with CAD/CAM technology, using biocompatible materials can help clinicians to deliver aesthetic and safe reconstructions.



Prof. Phoebus N. Madianos

Dr. Phoebus Madianos is Professor and Chair of the Dep. Of Periodontology at the School of Dentistry, National and Kapodistrian University of Athens. He has been the former Dean of the School of Dentistry and he is currently the Director of the Graduate Program in Periodontology and of the Osseointegrated Implant Unit.

He has been President of the European Federation of Periodontology (EFP, 2015), as well as Chair of the Scientific Affairs Committee of EFP (2016-2022) and of the organizing committee of EuroPerio10 congress (2022). He is presently Chair of the EFP Congress Committee.

He has published over 80 scientific papers in international journals, which have received over 8000 citations, in the fields of periodontal pathogenesis, periodontal medicine, perio-orthodontics and Implantology. He has received international awards for his research activity, including the "Hans-R. Mühlemann Research Prize" from the Swiss Society of Periodontology in 1997, the "Anthony A. Rizzo Award" from the International Association for Dental Research in 2004, and the "Clinical Research Award" from the American Academy of Periodontology in 2006.

LECTURE

Minimally invasive reconstructive concepts for implant rehabilitation in the aesthetic zone

Replacing missing teeth with implants in the anterior maxilla remains one of the greatest challenges of today's dentistry, especially in patients with significant aesthetic demands and a high lip line. Recreating the anatomy and morphology of hard and soft tissues is the critical and determining factor for achieving the goal of an aesthetic and harmonic restoration.

This presentation will focus on surgical strategies to preserve and reconstruct post-extraction soft and hard tissue deficiencies. Different clinical scenarios will be presented, focusing on single implant restorations in the anterior maxilla.

Surgical techniques involving hard and soft tissue grafting at various stages from extraction to restoration will be presented.

PROGRAM

bone & tissue days
Thessaloniki 2024

bone & tissue days Thessaloniki 2024

Registration fees

Congress:

Early Bird until 27/02/2024

Members:	250 €
Non Members:	300 €
Students:	150 €

From 28/02/2024

Members:	300 €
Non Members:	350 €
Students:	200 €

Workshops (Hands-on):

Dr. Orly Nir Shapira (120 min)	200 €
Dr. Theodoros Tasopoulos (120 min)	200 €
2 Workshops	400 €

Information & Registration:

Hellenic Society of Periodontology
Tel./Fax + 30 210 7484167
E-mail: helperio@periodontology.gr
periodontology.gr

Thanks to

HSP Platinum Sponsors



HSP Golden Sponsor



HSP Silver Sponsors



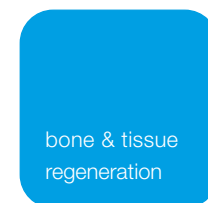
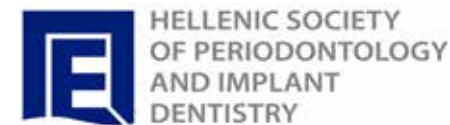
The Hellenic Society of Periodontology & Implant Dentistry organizes and presents:

3rd Hellenic

bone & tissue days

Thessaloniki

29 - 30 March 2024



Venue:

Makedonia Palace Hotel
Leof. Meg. Alexandrou 2
Thessaloniki 546 40, Greece
makedoniapalace.com

