



2018 Regional European Congress
Future Simplantology
The Convergence of Evidence & Digital Innovation

Agenda

Monaco

18-19 October

CONGRESS APP.
Alpha-Bio Tec Monaco congress





30
YEARS
OF SIMPLANTOLOGY

Dear Partner,

Welcome to the Alpha-Bio Tec 2018 Annual European Congress entitled **Future Implantology: The Convergence of Evidence and Digital Innovation.**

Digital workflows are already playing an important role in treatment planning. Advanced 3D imaging and CAD/CAM technologies and their applications in enhancing treatment outcomes in implant dentistry have revolutionized dental implant diagnosis and treatment, creating an interdisciplinary environment in which technology and progress are delivering better patient care and outcomes.

This congress addresses the team approach for planning and placing dental implants according to restoratively-driven treatment plans, 3D implant placements and guided implant surgery utilizing CBCT and advanced technologies.

We are proud to be hosting an international panel of speakers who will be addressing a range of issues related to the latest industry trends, including planning guided vs. conventional implant surgery and the basic steps involved in digital workflows. We will be learning from comprehensive and challenging clinical cases, as well as evidence-based advanced treatments and techniques for the best predictable and esthetic clinical results.

All this is provided in the framework of the Alpha-Bio Tec Global Training Center, which prides itself on the provision of advanced training and educational programs that enhance clinical practice.

Today, Alpha-Bio Tec is acknowledged in the industry because of the value it offers - 30 years of proven implant expertise, breakthrough technologies that deliver the highest quality assurance, and a total commitment to providing optimal, advanced training and mentoring programs that enable our customers to grow and develop.

We hope you find the congress to be an enriching and beneficial experience.

The Alpha-Bio Tec Team

EDITORIAL

A European congress is always a major event. We are very fortunate to be hosting Alpha-Bio Tec's congress entitled **"Future Simplantology: The Convergence of Evidence and Digital Innovation"** on October 18-19 in Monaco. This has become a major topic in the world of implantology.

The digital era has radically changed implant practices. The evolution began with the widespread use of scanners and cone beam imaging. Today, treatments are continuing to evolve. Computers are being utilized to plan the optimal positioning of implants and to verify the coherence of this position with the prosthetic project, thereby ensuring additional safety for patients.

Recent developments in CAD/CAM technology enable practitioners to utilize computer planning for the fabrication of temporary lab prostheses as part of immediate loading or immediate esthetics, before surgery is even started. This is a major step forward in the management of implant treatments.

Digital innovations have also made important advances in optimizing esthetic results. The analysis and preview of bone and mucosal factors make it possible to anticipate the expected esthetic result, as well as determine whether bone grafts are required prior to implant surgery. Furthermore, patients have become more demanding about the esthetic results of implant treatment. These are the topics selected by the Congress organizing committee, which promises to be an exciting educational experience.

We thank all the renowned European speakers for presenting at the Congress: Prof. Virginie Monnet-Corti (France), Dr. Ioana Datcu (Italy), Dr. Patrick Simonet (France), M. Uli Hauschild (Italy), Dr. Carlo Poggio (Italy), Dr. Borja Diaz Oliver (Spain) and Dr. Attila Bodrogi (Hungary), who will be sharing their knowledge and experience with us all.

We also look forward to welcoming you to a warm and friendly scientific exchange at a prestigious location.

Welcome to Monaco.

Prof. Patrick Missika

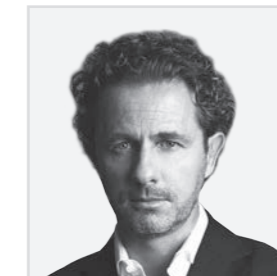
SPEAKERS



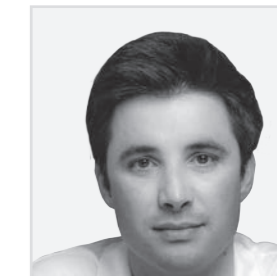
Prof. Patrick Missika



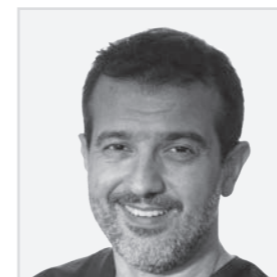
Prof. Virginie Monnet-Corti



Dr. Attila Bodrogi



Dr. Borja Diaz Oliver



Dr. Carlo Poggio



Dr. Ioana Datcu



Dr. Patrick Simonet



Tech. Dent. Uli Hauschild

18.10

09:00-09:30

Registration

09:30-10:00

Congress Opening: Alpha-Bio Tec's Management

10:00-11:00

New Approach for Immediate Implant Placement After Extraction (🎧 Session in French with simultaneous translation to English)

Prof. Patrick Missika

11:00-12:30

3D Planning Based on DSD for Placement of Implants and Immediate Loading Prosthesis

Dr. Borja Diaz Oliver

12:30-13:30 🍴 | Lunch

13:30-14:00

Interactive Session

Dr. Gadi Schneider, Dr. Martin Griess

14:00-15:15

Guided Esthetics: Switching Between Virtual Planning and Reality

Tech. Dent. Uli Hauschild

15:15-15:45 ☕ | Coffee Break

15:45-17:00

From the Virtual Planification to Implant Surgery: The Digital Workflow

Dr. Ioana Datcu

20:00

Gala Dinner | DRESS CODE: COCKTAIL ATTIRE



19.10

09:30-10:30

Think Pink in Esthetics of the Smile (🎧 Session in French with simultaneous translation to English)

Prof. Virginie Monnet-Corti

10:30-12:00

Bio-Hacking and Tissue Engineering. The Missing Link in Digital Implant Dentistry?

Dr. Attila Bodrogi

12:00-13:30 🍴 | Lunch

13:30-14:30

Parafunction and Implant Prosthodontics: The Times They Are A-Changin

Dr. Patrick Simonet

14:30-15:30

Trends and Challenges in Contemporary Prosthodontics

Dr. Carlo Poggio

15:30

Congress Closing





PROF. PATRICK MISSIKA

NEW APPROACH FOR IMMEDIATE IMPLANT PLACEMENT AFTER EXTRACTION

Prof. Missika graduated from the Paris Diderot University Dental School in 1971. He obtained a certificate of Anthropology in 1972 and a certificate of Oral Surgery in 1973. His doctoral research thesis in 1975 was about Vitreous Carbon Implants.

Prof. Missika has been teaching at Paris Diderot University Dental School since 1971, became Assistant Clinical Professor in the Oral Surgery Department in 1976, and full Professor in 1982. In 1984, he established the first post-graduate program in implantology in France. Today, he is Director of the Post-Graduate Program in Implantology Surgery and Prosthesis, Head of the Implantology Department and Vice Dean of the Paris Diderot University Dental School.

Prof. Missika is a member of many scientific associations, including the Odontology Society of Paris and the French Dental Association, where he served as the Scientific President in 1999. He is the Chairman for France of the Pierre Fauchard Academy, founder and President of the French Association of Implantology (AFI), and President of Law Experts of the courts of France. In 2009-2010, he also served as Director of the Entretiens de Garancière.

Prof. Missika is the author of 15 books and more than 500 communications and publications. Some recent examples include Bone Augmentation Techniques (in collaboration with Fouad Khoury and Hadi Antoun), Keys of Success in Implantology (in collaboration with Marc Bert, CdP Editor) and Recommendation of Good Practice in Dentistry (in collaboration with Patrick Simonet and Philippe Pommarède Information Dentaire Editor).

ABSTRACT

Immediate implant placement after extraction is a well codified surgical technique. It seems to lead to a faster osseous healing due to a better vascularization provoked by the tooth extraction, the opening of the medullary spaces and less heating when drilling. The esthetic result is exceptional because the implant is located in the original position of the natural tooth.

This technique gives a significant psychological advantage by immediately replacing the lost tooth and shortening the treatment time. The simplicity of the technique of immediate implant placement should be used in our daily practices every time an extraction is performed. It offers significant advantages and enhances esthetic results.



PROF. VIRGINIE MONNET-CORTI

THINK PINK IN ESTHETICS OF THE SMILE

Prof. Monnet-Corti has doctorates with honors in General Dentistry and Dental Surgery from the University of Aix-Marseilles. She is also a graduate of Periodontology and has a PhD in Periodontology from the same university.

Prof. Monnet-Corti was appointed Professor of Periodontology at the University of Aix-Marseilles in 1997. She is chairman of the post-graduate programs in Periodontology and Periodontal Plastic Surgery at the university and leads the Department of Periodontology. Since 2013, she has been President of the French Society of Periodontology and Oral Implantology (SFPIO).

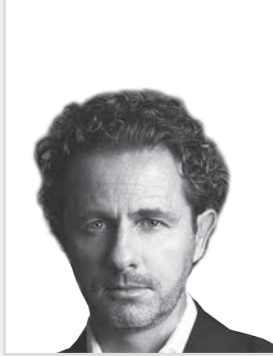
She is the author of numerous national and international publications and a book on periodontal plastic surgery (third edition in 2017). She lectures at a range of conferences and scientific events.

ABSTRACT

Smile esthetics are based on numerical, physical, physiological and psychological data regarding beauty, while taking into account the desires of the patient. They are determined by the shape, color and position of the lips, teeth and gingival tissues.

Periodontal examination in both the facial and labial settings supports analysis of the gingival display during natural and forced smiling, the health of the periodontium, the gingival contours, the aesthetic gingival line, and the presence of the papillae. All this data helps in establishing a gingival esthetic score to determine the causes of disharmony and possible treatment. During implementation of global implant dentistry treatment plans, periodontal plastic surgery can change the gingival appearance and morphology in order to restore the harmony of the smile.

By reviewing several clinical cases, we will understand how and when to manage the pink tissues around implants and natural teeth, and the use of hyaluronic acid injections in the papillae to plump them up and minimize the size of any black holes.



DR. ATTILA BODROGI, DDS

BIOHACKING AND TISSUE ENGINEERING.
THE MISSING LINK IN THE DIGITAL IMPLANT DENTISTRY?

After graduating the Dental Faculty of Semmelweis University of Medicine, Hungary in 1992, summa cum laude, Dr. Bodrogi established his own private practice in downtown Budapest, Hungary. He has specialized in esthetic dentistry in 2001.

Dr. Bodrogi's main focus is on comprehensive procedures. He attended the Dawson Academy in Florida, started dealing with implantology in 1996, and obtained his implant diploma in 2008 after completing the Master Program in Implant Dentistry at UCLA, Los Angeles.

Committed to sharing his practical and theoretical experience, he was a lecturer at the University of Szeged between 2008-2010, has published professional papers on esthetic and implant dentistry, and frequently speaks at international events around the world.

In 2014, Dr. Bodrogi established his own training center – The Bodrogi Institute for Advanced Dentistry - in Budapest, where he lectures and provides live case demonstrations on dental photography, esthetic and implant dentistry to colleagues from all over the world.

Dr. Bodrogi is a member of DentalXP Expert Presenter, recognized by Team Atlanta, and a member of International Aesthetic Masters.

ABSTRACT

“Implant dentistry is a prosthetic discipline with a surgical component” and performing this intervention in the esthetic zone is one of the most challenging procedures in our profession. While digital planning and digital manufacturing are already daily routines, surgeons are often faced with deficient implant sites which can make their lives more difficult. Implant placement must always be determined with the prosthetic plan in mind!

In recent years, several studies show well-defined approaches on how to achieve pleasing outcomes. We must understand the biology of extraction sites and different treatment options for preserving or even reconstructing bony structures for predictable implant placement. This clinical and evidence-based presentation will emphasize the importance of proper, 3D implant placement, present different bone preservation techniques (PET - Partial Extraction Therapy) and show how tissue grafting can affect the final end result. Abutment design and platform-shifting concepts such as tissue molding “tools” and screw-retained solutions will be highlighted with many case presentations.



DR. BORJA DIAZ OLIVER

3D PLANNING BASED ON DSD FOR PLACEMENT OF IMPLANTS
AND IMMEDIATE LOADING PROSTHESIS

Since graduating in dentistry at Alfonso X El Sabio, Madrid in 2005, Dr. Diaz has continued his education around the world. Specializing in oral surgery, he has several certificates from the University of Barcelona (Spain), Loma Linda University and the University of the Pacific. He completed his studies to become an advanced periodontics specialist at Universidad Complutense de Madrid and in Munich, Germany. Dr. Diaz is passionate about prosthodontics and has several certificates from Spain and Brazil. He became a DSD Master in 2015 and is now a member of the Instructors Team. Dr. Diaz develops all his cases using the DSD concept, primarily in Madrid and also in Marbella, Spain. He founded and currently directs the Lifesight Dental Group, is the owner of a clinic in Madrid where he performs esthetics and implantology procedures, and is Medical Director of the Carentent Torrejon Clinic.

Dr. Diaz's lectures mostly focus on his daily practice and are based on real cases and patients that he has treated. They cover his personal approach and include extensive graphical material such as photographs and videos. Cases come from aesthetics using veneers and micro-veneers to soft tissue grafts, bone grafts, bone regeneration, and implants in partial and total restorations mostly based in DSD (Digital Smile Design). In his opinion, the treatment of patients must take into account their feelings and expectations. This is an integral and essential part of the treatment process and plays a significant role in successful outcomes.

Dr. Diaz has participated in a range of published studies around the world and is an acknowledged speaker at international dentistry conventions.

ABSTRACT

Introducing new technologies: Using a series of extraoral and intraoral photographs, we cross 3D models from intraoral scanners and design the perfect smile for patients. Then we plan the surgery according to the smile design, beginning with guided surgery and soft tissue management. In such cases, we use 3D printed models directly from the digital smile design to create teeth for immediate loading, handmade in acrylic by comparison with the technique of Gallucci splints. In this way, soft tissues can be treated and “guided” by the system – modified and molded through the modification and printing of the 3D provisional teeth design.



 **DR. CARLO E. POGGIO, DDS, MSD, PHD**

TRENDS AND CHALLENGES IN CONTEMPORARY PROSTHODONTICS

Dr. Carlo E. Poggio holds a DDS, a PhD in Anatomy and a MSc in Orthodontics. On completion of his academic studies, he underwent individual clinical training in prosthodontics, implant and perio-surgery.

Dr. Poggio is visiting Professor at the Division of Prosthodontics, Eastman Institute for Oral Health, University of Rochester (NY), visiting Professor for Interdisciplinary Treatments at the Postgraduate Program in Orthodontics at the University of Milan, and visiting Professor in Prosthodontics at the Dental School of the University of Siena.

Since 2009, Dr. Poggio has been a member of the Executive Board and is currently President Elect of the Italian Academy of Prosthetic Dentistry (AIOP). He has been an affiliate fellow of the Academy of Prosthodontics since 2016 and an international member of the American Prosthodontics Society since 2010. He received active membership of the Italian Academy of Prosthetic Dentistry (AIOP) in 2003, of the Italian Society of Orthodontics (SIDO) in 2003 and of the Italian Society of Periodontology and Implantology (SIIdP) in 2012. He served as Chairman of the International Relationship Committee of the American Prosthodontic Society in 2015 and is currently a member of the Executive Board (Counselor 2019).

Dr. Poggio runs Studio Associato Poggio, an interdisciplinary dental practice with more than 50 years of history located in the heart of Milan. He continues a range of research activities, has published extensively in peer-reviewed journals, and lectures in Italy and abroad on topics related to interdisciplinary treatment planning in dentistry, occlusion and management of TMD patients, metal-free prosthodontic materials and the use of dental implants in complex interdisciplinary rehabilitations.

ABSTRACT

The field of prosthetic dentistry is undergoing a deep transformation. Techniques and protocols that have been unchanged for decades are undergoing disruptive changes. Current trends and challenges include minimally invasive dentistry, digital workflows & monolithic materials, interdisciplinary integration, evidence-based treatments and long-term prognosis.

To face these ongoing changes, clinicians should focus on the strategic objectives of treatment, achieving from every innovative technique the best available advantages for patient-centered outcomes.



 **DR. IOANA DATCU**

FROM VIRTUAL PLANIFICATION TO IMPLANT SURGERY: THE DIGITAL WORKFLOW

Dr. Datcu graduated in 2007 with honors from the University of Modena and Reggio Emilia (Italy), and has completed implant training courses in Italy, Malaysia, China and Taiwan. Her main areas of expertise are minimally invasive implantology and crestal sinus lift approach; digital dentistry & digital virtual planning; digital implant planning & implant guided surgery; digital impression; esthetic dentistry and soft tissue management; and periodontal and prosthetic complex rehabilitation.

Dr. Datcu currently runs a private dental practice in Ravenna (ID Dental Clinic) which focuses on fixed prosthetic dentistry, periodontology and implant dentistry, and also collaborates with other practices on implant surgery. Her professional philosophy is based on the principal that her values guide her actions and behavior. Her work is her passion, giving her the energy and enthusiasm to keep up-to-date on the latest techniques and guiding her in the new digital era to integrate minimally-invasive approaches that offer optimal treatment for her patients. Dr. Datcu has participated in a range of courses in her field around the world and has also worked as a clinical tutor for implant surgery training in Portugal. She lectures at international congresses and has co-authored articles in Italian and international scientific publications.

ABSTRACT

Virtual reality is already playing an important complementary role in treatment planning. Advanced 3D imaging and CAD/CAM technologies and their applications in enhancing treatment outcomes in implant dentistry have revolutionized dental implant diagnosis and treatment, creating an interdisciplinary environment in which communication leads to better patient care and outcomes. A team approach to the planning and placement of dental implants, according to a restoratively-driven treatment plan, has become the norm in quality patient care. Teams can now start with the end result - the planned tooth - and then place the implant into the correct position according to the restorative plan. Guided implant surgery utilizing these advanced technologies has significant applications in digital implant dentistry. The accurate and predictable placement of implants according to a computer-generated virtual treatment plan also allows the transformation of virtual surgery to a non-traumatic and micro-invasive real surgery that maintains a high-level esthetic outcome. This lecture will provide information on some of the perceived advantages and disadvantages for planning guided vs. conventional implant surgery, and cover the basic steps involved in digital workflows.



DR. PATRICK SIMONET, DDS, MS

PARAFUNCTION AND IMPLANT PROSTHODONTICS: *THE TIMES THEY ARE A-CHANGIN'*
(In collaboration with DR. G. DUMINIL, DDS)

Dr. Simonet is a graduate of the Dental School at the University of Paris, France. Following his postdoctoral degree in Human Biology and Fixed Prosthodontics, he received his Master of Science degree from the University of Michigan, Ann Arbor (USA), where he also worked for several years as Assistant Professor in the Fixed Prosthodontics and Occlusion Departments.

Dr. Simonet is a past-president of the European Academy of Cranio Mandibular Disorders and is an active member of numerous national and international prosthodontic and implantology dental societies. He is presently a Judicial Expert to the Court of Paris (France), is the vice-president of the National Company of Judicial Experts of France, and a member of the French National Academy of Dental Surgery.

Dr. Simonet serves on several review boards of national and international scientific journals. He is editor-in-chief of the Journal of Odonto-Stomatology, and is the director for book publishing of the French Publishing Company: Espace ID. He also maintains a private practice exclusively devoted to fixed prosthodontics, implantology and the treatment of cranio-mandibular disorders in Paris, France.

ABSTRACT

Parafunctional forces on implants, as on teeth, have long been recognized as harmful and are, very often, the most difficult to contend with on a long-term basis. Stress, represented by repeated or sustained occlusion, is a particular entity expressed as "force". As a result, any factor that increases force, magnifies the stress.

In the past, these extra forces have represented a contraindication for implant prosthodontics. Today however, in light of enhanced clinical experience and more accurate scientific knowledge, the times could be changing.

The purpose of this presentation is threefold:

1. Review the data on the possible mechanical and biological implications in implantology as it relates to excessive function and/or parafunction.
2. Discuss the factors that may influence and lower the negative impact of parafunction on the implant, the bone and the final restoration.
3. Present new advances in digital technology to evaluate mandibular movements, follow-up and register occlusal forces.



TECH. DENT. ULI HAUSCHILD

GUIDED ESTHETICS: SWITCHING BETWEEN VIRTUAL PLANNING AND REALITY

Mr. Hauschild has a degree in Dental Technology and has been running a successful laboratory serving an international clientele in Sanremo, Italy since 1985. Specializing in esthetic and functional prosthesis, he has extensive experience with different computer-aided implantology systems. In recent years, his primary aim has been to combine guided implantology and digital dentistry to achieve a complete digital workflow.

Mr. Hauschild lectures at the Master of Oral Implantology (MOI) at the Goethe University of Frankfurt, and at the universities of Genoa, Padua, Tuscany, Milan and Varese. He also publishes in various scientific and professional journals, is a member of the editorial board of Cone Beam Dentistry international magazine, and is senior editorial reviewer for Implant Dentistry, the international journal of oral implantology.

Mr. Hauschild is vice president of the Digital Dentistry Society (DDS), a certified speaker and member of the DGOI Board, a member of the International Dental Excellence Laboratory Group, a mentor at the Simplant Academy, Präsidium of PEERS Germany, and an expert for the Dental Online College. He has fellowship and mastership status of the ICOI, and one of his case presentations received the PEERS prize in 2015.

Mr. Hauschild regularly delivers presentations on implant dentistry, digital dentistry and computer-guided implantology on the nation and international circuit. As a pioneer of computer-aided implantology, he is an acknowledged opinion leader and beta-tester for market leading suppliers.

ABSTRACT

The implementation of computer technology, advanced 3D imaging and multiple interactive software applications in implant dentistry facilitate the creation of advanced designs that are multilayered, simultaneous and precise, enabling true resource optimization. The design and production of complex treatment plans are performed using state-of-the-art digital workflows. The data-export procedure allows for simulation of optimal abutment positioning. The CBCT image data is used to accurately position implants within the desired envelope of the diagnostic wax-up, allowing for the restorative data to be exported for CAD design and fabrication of the temporary restoration before patient treatment actually begins. The analog/manual work steps in the laboratory are replaced by the digital workflow, which is made possible through advanced computer-aided processes.

Resource optimization using digital workflows has great advantages for both patients and entire dental implant treatment teams. When it is possible to deliver an immediate-load restoration supported by sufficient dental implants, patients can continue their lives with less psychological burden, and implant teams benefit from predictable operating procedures and efficiency. When the craftsmanship of competent dental technical specialists and the skill of good dental surgeons is combined with 3D pre-surgical planning, operator and patient stress, patient morbidity and surgical time can be reduced to a minimum, even when the operation is relatively invasive.

INTERACTIVE SESSION



DR. GADI SCHNEIDER, DMD

Dr. Schneider is Alpha-Bio Tec's Senior Medical and R&D Consultant responsible for the medical and clinical development of various implants. He received his DMD from the Hadassah School of Dental Medicine at the Hebrew University, Jerusalem in 2000 and has been a specialist in periodontology since completing his post-graduate studies in 2004, when he also received his European Federation Certificate of Periodontology.

Dr. Schneider is an instructor and lecturer at the Hadassah School of Dental Medicine and a leading international lecturer on complicated implant surgical procedures. He has published more than 50 clinical studies, cases and articles and manages a private practice specializing in periodontics and implantology.



DR. MARTIN GRIESS, DMD

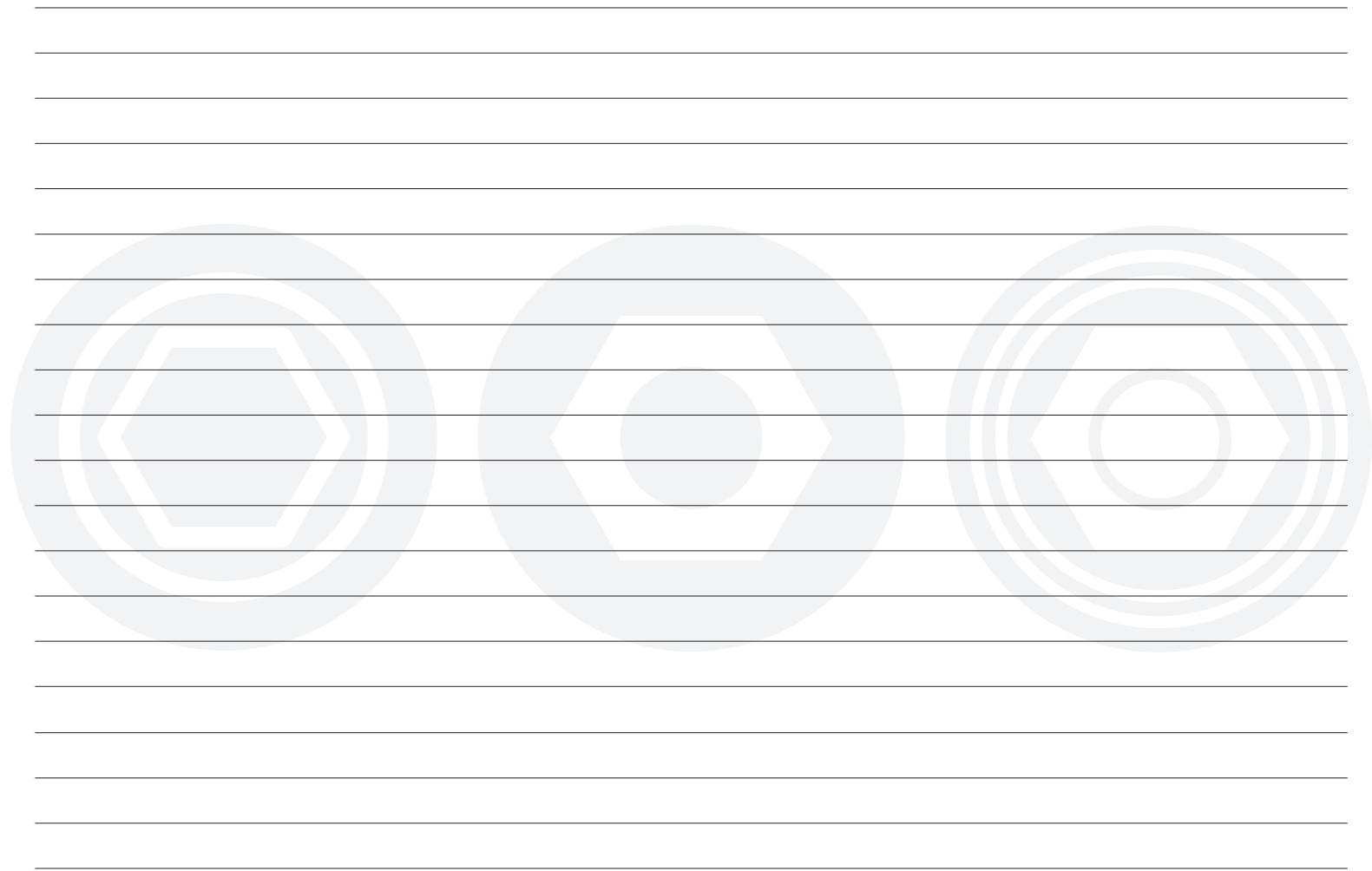
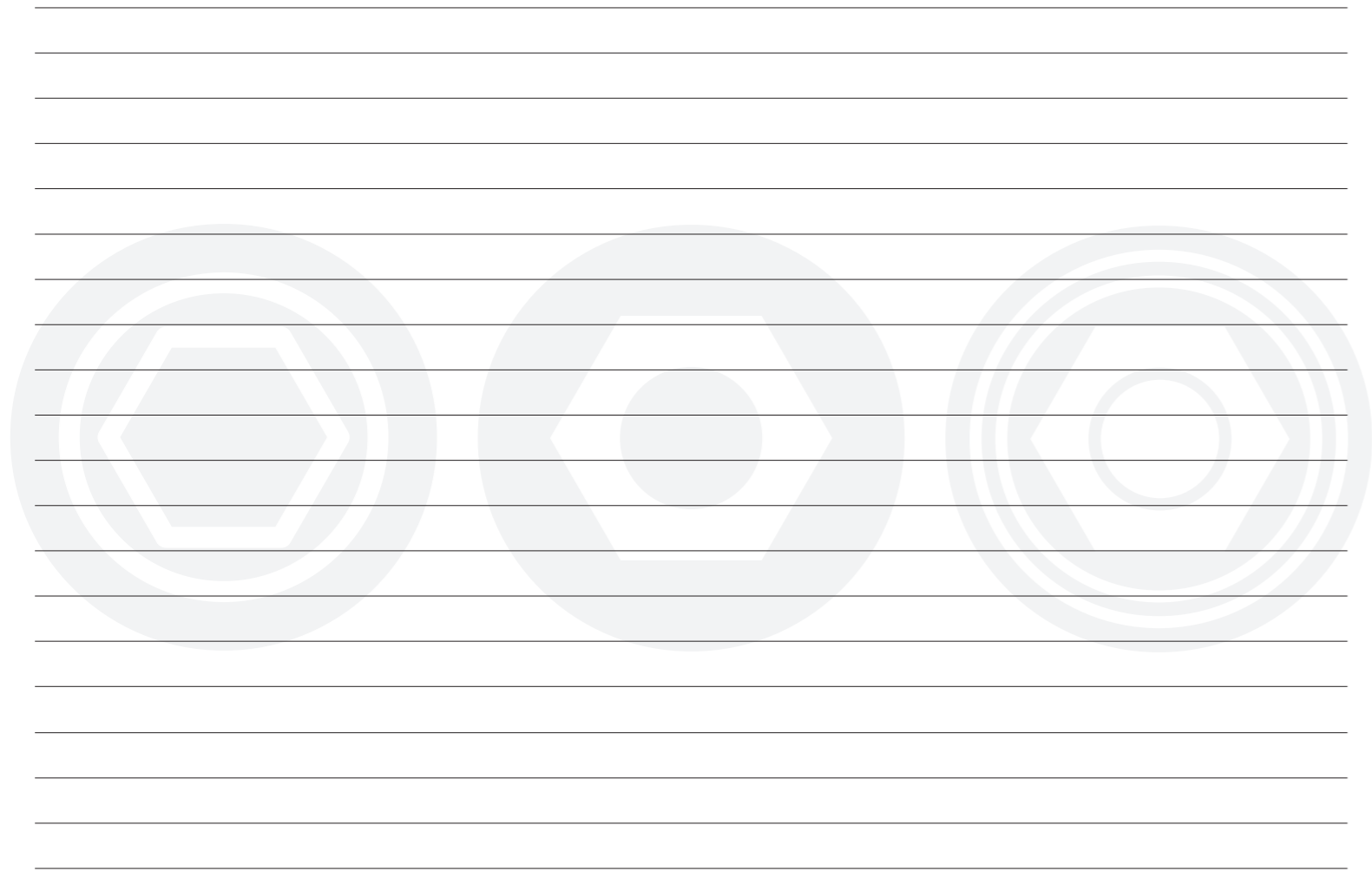
Dr. Martin Griess graduated as a dentist at the University of Hannover Faculty of Dentistry in 1988. He studied at the Université Lille II, Faculté de Médecine, Department of Maxillo-Facial Implantology in 1993-1995, received his Dr. Med. Dent. from the University Hannover in 1994 and his Diplôme Universitaire d'Implantologie (MSc) in 1995. Dr. Griess has been a certified implantologist in Germany since 1999. He has been an Associate Fellow of the American Academy of Implant Dentistry since 2000, a certified lecturer at the Implantology Consensus Conference since 2002, and Chairman of the Implantology Study Club of North Rhine Westphalia since 2004. Dr. Griess has presented international scientific presentations on implantology, laser therapy and computer tomography, and has published internationally on dentistry for the handicapped, implantology and general dentistry. He received the Best Presentation of an Omnipractitioner award from AGI (today DGI) in 1994, the Dentsply Shield Award of the European Prosthodontic Association in 1997 and a scientific prize from KMFG, Germany in 1997. He continues to manage the private clinic he established in Lippstadt in 1993.

ABSTRACT

The interactive session will discuss the different aspects of guided surgery through the presentation of four challenging clinical cases by two presenters. The session will compare identical clinical cases using two different treatment approaches: planned guided surgery and conventional implant surgery. When and where should each approach be used? What is their accuracy and contribution to the treatment process? How much treatment time can be saved? Which method should be used for each case? These are just some of the subject's that will be discussed in this interactive session, which will engage the audience in an open discussion.



Lined writing area for notes with a faint background watermark of the Hadassah logo.





Simplantology, In Everything We Do



www.alpha-bio.net



ALL RIGHTS RESERVED | E&OE

Alpha-Bio Tec reserves the right to change the content of the congress without notice.