11th International Orthodontic Symposium

PRAGUE
November 27th – December 1st, 2013
Kaiserstein palace

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Dear Colleagues!

The series of International Orthodontic Symposia has arrived in its second decade. Continuously, 150 – 250 participants from around 20 nations use to come together during the first advent-weekend to share the knowledge with internationally renowned speakers.

This time, we invite you to attend the 11th International Orthodontic Symposium (IOS) in Prague November 27th – December 1st, 2013. For this outstanding event we are happy to announce lectures given by speakers who represent dentofacial orthopedics, maxillofacial surgery and related topics, at the cutting edge worldwide.

For the first time, we will extend and also offer educational seminars within the frame of the newly founded "EurAsian Association of Orthodontists" (EAO), and its EAO-Academy. The pre-congress course will be given by Professor Birte Melsen from Århus / Danmark. She will also give the "Tiziano-Baccetti-Memorial-Lecture" on the first day of the meeting. A course on osseointegration will be given by Dr. Wilmes followed by another course on aligners by Dr. Stucki.

It is the custom of this congress series that the presentations may last between 30 – 90 min., followed by an extensive discussion to address all open questions thoroughly. This way, a rather familiar atmosphere has been created among the participants.

I invite you again to come to Prague to listen and discuss with the top representatives of our discipline, and to meet in a familiar, relaxing atmosphere.

Prof. Dr. Dr. Ralf J. Radlanski  Berlin
President
We shall unite colleagues in EurAsia without any geopolitical or cultural borders, sharing the knowledge and experience, and supporting each other in respect and appreciation.

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Priv.-Doz. Dr. Benedict Wilmes DDS, PhD
Düsseldorf / Germany

New Advances in TADs: How to improve stability, versatility, and success rates using innovative mechanics and appropriate insertion sites

Their small size allows mini-implants to be inserted in a variety of sites. Currently, the alveolar process is the most preferred insertion site. However, due to the varying bone quality and the risk of root contact, the survival rate of implants inserted in the alveolar ridge still needs improvement. Other regions, such as the anterior palate, provide much better conditions for mini-implant insertion, since the amount and quality of the available bone is far superior. In order to utilize mini-implants inserted in the anterior palate, mini-implants with different types of abutments and connectors are presented. They allow versatile and cost efficient appliances for various clinical applications.

Based on a comprehensive clinical documentation the application of this innovative system is presented. Utilizing mini-implants in the anterior palate eliminates the risk of root injury and takes the implants out of the path of tooth movement. The advanced design of the exchangeable abutment system provides the orthodontist with a skeletal anchorage system that is easy to integrate and allows to solve problems that were difficult or impossible to address before.

ONE-DAY COURSE

- The rationale of using TADs in orthodontic practice
- Molar distalization, mesialization and uprighting
- En-Masse-Retraction, Rapid palatal expansion and class III treatment
- Temporary dental implants, alignment of ankylosed teeth

CURRICULUM VITAE

Dr. Wilmes did a postgraduate training in oral surgery at the Department of Maxillofacial Surgery at Univ. of Münster, Germany. He received a M.S. and a postgraduate degree in orthodontics and dentofacial orthopedics at the Univ. of the Düsseldorf, Germany. In 2004 he became Assistant Professor, in 2006 Associate Professor at the Department of Orthodontics at the Univ. of Düsseldorf. He is reviewer of numerous journals, has held more than 200 lectures and courses in 30 countries. Dr. Wilmes is a Visiting Associate Professor at the Univ. of Alabama at Birmingham, USA. He was awarded the First Prize of the German Orthodontic Society (2007) and the First Prize of the European Orthodontic Society (2009). E-mail: wilmes@med.uni-duesseldorf.de
Orthodontic management of adult patients — possibilities and limitations

The state-of-the-art within adult orthodontic treatment is a result of the development within appliances and diagnostic tools but, also of an improved understanding of the tissue reaction to the application of forces. The malocclusions presented by adult patients are either malocclusions that have aggravated in the normal aging process, or secondary malocclusions developed by loss of teeth and periodontal breakdown leading to spontaneous tooth migration with frequent dysfunction that deteriorates the situation even further.

Orthodontic treatment of adult patients should be performed as a team-work with other specialties such as periodontology and prosthodontics and is beneficial for the patients in many aspects by positioning the available teeth optimally for a reconstruction, by generating bone for implants by moving teeth into edentulous areas, and by improving the periodontal status.

Quite often, unfortunately, these patients cannot be treated by conventional means due to the lack of anchorage available and the clinicians are forced to utilize skeletal anchorage as e.g. the use of mini-implant screws as the anchorage unit(s). These broadened the horizon of treatment possibilities for patients and orthodontics. Thorough treatment planning is just as important with TAD as without. Exercises will be performed.

The course on adult orthodontics will focus on interactions between disciplines, biology and biomechanics. The preconditions, limitations, and the patient’s role in post treatment management will be discussed. Long term results of 30 years, and more, will be used to illustrate these principles and the factors of importance for maintenance.

Following the lecture the participants should be able to:

✔ List factors of importance for the degeneration of a dentition
✔ Differentiate between stability and maintainability
✔ Describe the indications for skeletal anchorage
✔ Differentiate between doctor and patient responsibility
✔ Understand the limitations of straight wire and act accordingly
Arch development – how, when & where?

A precondition for the interference with the transverse development of the dental arches is a thorough understanding of the normal postgraduate development and factors of importance in the individual patient. Based on studies of human autopsy material and patient cases it will be discussed whether the non-extraction tendency that has dominated the orthodontic field is feasible.

The result of a series of studies will attempt to answer the following questions:

- What is an early treatment? According to tradition, according to Baccetti?
- What determines whether an expansion will be primarily sagittal or transversal?
- How do we determine whether to procline the incisors or to widen the arch?
- Can we move teeth with bone?
- How does the periodontium react?
- Can the results be maintained?

The results of widening the arches on the bucco-lingual inclination of anterior and posterior teeth will be demonstrated as will the post-treatment changes.

Following the lecture the participants should be able to:

- Describe the normal transversal development of the maxillary complex
- Understand the tooth movement occurring when arches are widened with continuous arches
- Describe the post-treatment changes

CURRICULUM VITAE:

Birte Melsen, Professor and Head, Department of Orthodontics, Aarhus University, Denmark.

E-mail: bmelsen@odont.an.dk
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**Hardly any limitations in handling**

The future of an almost invisible dental correction has started. The eCligner aligner system has been there from the beginning and has always been a small but important step ahead of other aligner systems. It is thinner, more transparent, lighter and moves the teeth faster!

**Thinner, more transparent, faster**

The eCligner is an aesthetic transparent removable orthodontic appliance, easy to apply, low cost and it allows effective tooth movement.

**Curriculum Vitae Nils Stucki**

- **Degree:** Dr. med. dent., Dept. of Orthodontics, University of Bern, Switzerland 1991
- **Graduated:** University of Bern, College of Dental Medicine, Switzerland, 1990
- **Postgraduate:** Department of Orthodontics, University of Bern, Switzerland 1996
- **Lecturing on:** eCligner, Clearaligner, Invisalign, Microimplants, Lingual Orthodontics
- **Private office** in Bern, Switzerland. since 1995

**Curriculum Vitae Tae-Weon Kim**

- **Graduated school:** YonSei Univ. College of Dental Medicine, Korea 1988
- **Postgraduate:** Department of Orthodontic, YonSei University Dental Hospital, Korea 1991
- **MSD:** YonSei University, Korea 1991
- **Teaching fellow** (international exchange) in Tokyo Dental College, Japan 1994-1995
- **Clinical professor** (faculty) in Orthodontic Department Ewha Womans University Hospital, Korea 1995-1996
- **Private practice** in Seoul, Korea 1996
  - **PhD:** Showa University, Japan 2001
  - **Present position:** President of “World Federation of Aligner Orthodontic” (WFAO)

*Impression of Prague (Photo: Ortwin Bato)*
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CURRICULUM VITAE

1990-1997 Degree in dental medicine at the “Freie Universität Berlin” and Charité
1996-1997 Assistant dentist in private practice
1997-1998 Dentist in an orthodontist practice
1998-2001 Scientific assistant in the department of Orthodontics in the Centre for Dental Medicine, Charité (Virchow Campus)
1998-2001 Orthodontic mentoring of oral surgical consultation at Virchow clinical center. Active in student training, research and patient treatment

October 2001 Appointment as a specialized dentist for orthodontics since Nov. 2001 Foundation of own practice in Berlin-Lichtenrade
November 2006 Further education authorization for orthodontics through the Berlin professional dentists’ association
February 2007 Deputy Member of the examination board for orthodontics of the Berlin professional dentists’ association

AFFILIATIONS

▶ Active Member of the “European Society of Lingual Orthodontics” (ESLO) ▶ “Bund Deutscher Kieferorthopäden” (German orthodontist alliance) ▶ “Gesellschaft für Kieferorthopädie von Berlin und Brandenburg” (Association for Orthodontics in Berlin and Brandenburg) ▶ “Deutsche Gesellschaft für Kieferorthopädie” (German Association for Orthodontics) ▶ “Europäische Gesellschaft für Kieferorthopädie” (European Association for Orthodontics) ▶ “Deutsche Gesellschaft schlaftherapeutisch tätiger Zahnmediziner” (DGSZ) (German Association of Dentists – active in the field of hypnotherapy) ▶ Certified Member of the “German Association for lingual Orthodontics” (DGLO)

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The Swiss Dental Technology
Bioesthetic Orthodontics is based on a combination of biologic form and functional occlusion goals. By arranging the teeth to work in harmony with the alignment of the jaw joints, a more stable result is attainable.

According to Roth, a treatment philosophy begins with the selection of sound treatment goals with measurable criteria for success. Therefore, it encompasses methodology for diagnosis and instrumentation for treatment and a rationale for selection of appliances and mechanics. On this account the Insignia system was evaluated.

**Materials:** Different malocclusion has been treated according to the FACE™ philosophy. CPI recordings before and after treatment where taken to evaluate the condyle position. Also the prognosis of the contactpoints in the Approver Software where compared with mounted models in centric relation.

**Results:** The Insignia system allows the orthodontist to create a treatment plan with fine detail. This plan is used to custom-manufacturer the braces to be used on teeth. Customizing to fit the unique dental anatomy and customizing to meet the final result. Therefore reduced need for functional positioners and less positive/negative Coronaplasty is required in many cases.

**Conclusion:** 3-D imaging as well as improved 3-D mechanics like the Insignia system today open new doors to the practitioners in the daily office, e.g. in advanced interdisciplinary cases.

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**CURRICULUM VITAE**

Orthodontist in private office, teaching member of FACE™, advanced training in Medical Law. E-mail: info@dr-geserick.de

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**Impression of Prague**
There are many alginites...

...the difference is

Tetrachrom
Several orthodontic problems are characterized by dentoalveolar and/or skeletal discrepancies expressed in the vertical, sagittal or transversal plane. Many of them often occur as a combination of disharmonies in more than one or even all planes of space. For this reason the traditional classification of malocclusions has been supplemented by measurements that can better highlight the three-dimensional characteristics of some malocclusions. However, some malocclusion characteristics like Bolton discrepancies are not always easy to detect and dental size disharmonies, can create many problems in achieving a good occlusal inter-arch relationship but in finishing, often compromising the final result. For these reasons it is appropriate to include in the diagnostic assessment one or more measurements to detect these kinds of discrepancies and to quantify them during the diagnostic assessment. When the discrepancy is more severe, it may be appropriate to plan an aesthetic-conservative or prosthetic therapy to achieve a good occlusal result.

This lecture will include the scientific literature related to the topic, an overview of methods for the assessment of dental size disharmonies and a new protocol to plan and treat in an easy and reliable way the Bolton discrepancies.

CURRICULUM VITAE

Dr. Manzo graduated in Dentistry (DDS) in 1997 and he completed his post-graduation in Orthodontics (MSc) with honors at the University of Naples “Federico II”.

In 2007 he received a PhD in Oral Science at the Department of Orthodontics, Univ. of Naples “Federico II”. He is certified by Italian and European Board of Orthodontics (IBO, EBO) and he is Adjunct Assistant Professor at the University of Naples “Federico II”.

Dr. Manzo has lectured and presented several award winning scientific and clinical papers at national and international conferences. His clinical practice is limited exclusively to the orthodontics and craniomandibular disorders.

E-mail: paolo.manzo@gmail.com
There are various opinions in the literature about possible relationship between adenoid hypertrophy and occlusion. Adenoid hypertrophy is the most common cause of upper airway obstruction in children. The consequence of this disorder is mouth breathing and in opinion of many authors also malocclusion.

**Aims:** The purpose of this study was to investigate the association between OB, OJ, distal occlusion, cross bite and adenoid hypertrophy.

**Subjects and Methods:** The subjects were 56 Polish children aged between 2 and 13 years (medium age 5.95) with adenoid hypertrophy (patients from Clinic of Otorhinolaryngology – submitted to surgical intervention – adenotomy). The control group was matched for age, sex and number, none of the children had: adenoid hypertrophy, adenotomy or orthodontic treatment in anamnestic history. Evaluation of anamnestic history, clinical examination, and dental casts measurements were undertaken. Group means were compared. Statistical analysis was performed.

**Results:** It was found that children with enlarged adenoids had larger OJ (p = 0.00104) and deeper OB (p = 0.03664) in compare with control group. Crossbite occurred significantly more often in children from the study group than in the control group (p = 0.02346). Children with adenoid hypertrophy are 4 times more likely to develop distal occlusion (OR 4.18, p = 0.003), and 3 times more likely to develop crossbite (OR 3.37, p = 0.046) than children from control group.

**Conclusions:** These results indicate that occlusal features of children with adenoid hypertrophy differ from values for control group. It suggests that adenoid hypertrophy influence occlusion. This influence is probably not direct but caused by mouth breathing which is connected with nasal obstruction by adenoid tissue.

**CURRICULUM VITAE**

Dr. Lubinska had graduated from Pomeranian Medical University, Stettin, Poland, in 2004 with Honours Degree (dentist, DMD). In 2010 she has received her PhD title in orthodontics at Pomeranian Medical University Stettin, Poland. Now she is working at Department of Orthodontics of Pomeranian Medical Univ. Stettin, Poland and performing orthodontic treatment at private practices.

E-mail: ortokasia@gmail.com
Due to its improved aesthetics in comparison to the conventional and traditional appliance and because of scientifically proven advantages (Wiechmann et al., 2008, 2010, Vu et al. 2012) the Herbst appliance combined with lingual orthodontics has experienced a renaissance.

During this lecture, insight into practical aspects of treatment with this fixed functional appliance combined with customized lingual brackets will be given and current literature will be presented and discussed.

CURRICULUM VITAE

- Head of the Department of Orthodontics, University Hospital of Münster, Germany
- Master of Science in Lingual Orthodontics (MScLO)
- Full member of the German Society of Lingual Orthodontics
- Diplomate of the German Board of Orthodontics and Orofacial Orthopedics

MAIN RESEARCH TOPICS

Lingual orthodontics, postnatal craniofacial development, treatment of patients with malformations, syndromes and handicaps.

E-mail: hohoffa@uni-muenster.de

Meet the international experts at the cutting edge of orthodontics

Impressions of Prague and IOS-Congress 2012
WEDNESDAY, NOVEMBER 27TH, 2013  EAO-ACADEMY
12:30  EAO-Registration
13:00  Opening
13:10  Priv.-Doz. Dr. Benedict Wilmes  Düsseldorf / Germany
       New Advances in TADs: How to improve stability, versatility, and success rates using innovative mechanics and appropriate insertion sites
14:30  Coffee break (30 minutes)
16:00  Coffee break (30 minutes)
17:45  Summary (15 minutes)

THURSDAY, NOVEMBER 28TH, 2013  EAO-ACADEMY
08:30  Registration
09:00  Welcome
09:10  Prof. Dr. Birte Melsen  Århus / Denmark
       Orthodontic management of adult patients — possibilities and limitations
11:00  Coffee break (30 minutes)
13:00  Lunch (60 minutes)
15:00  Coffee break (30 minutes)
17:00  Summary (15 minutes)
       All presentations will be discussed subsequently

FRIDAY, NOVEMBER 29TH, 2013  SYMPOSIUM
08:30  Registration
09:00  Welcome
09:10  Prof. Dr. Birte Melsen  Århus / Denmark
       "Tiziano-Baccetti-Memorial-Lecture"
       Arch development – how, when & where?
10:45  Coffee break (30 minutes)
11:15  Dr. Nils Stucki  Bern / Switzerland
       Prof. Dr. Tae-Weon Kim  Seoul / South Korea
       Trends and opportunities in modern aligner technology
12:45  Lunch (60 minutes)
13:45  Woo-Ttum Bittner  Berlin / Germany
       SureSmile – A comprehensive 3-D CAD/CAM system for all aspects of orthodontic treatment
14:45  Coffee break (30 minutes)
15:15  **Dr. Marc Geserick**  Ulm / Germany  
The principles of Bioesthetic Philosophy implemented with the Insignia system

16:00  **Dr. Paolo Manzo**  Naples / Italy  
Bolton discrepancies: diagnostic approach and modern treatment options

16:45  Summary (15 minutes)  
All presentations will be discussed subsequently

19:30  **Get-together-Party**

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**SATURDAY, NOVEMBER 30th, 2013  SYMPOSIUM**

09:30  **Prof. Dr. Katarzyna Lubińska**  Szczecin / Poland  
Occlusal features of children with adenoid hypertrophy

09:55  **Prof. Dr. Ariane Hohoff**  Münster / Germany  
Herbst appliance and lingual orthodontics

10:20  **Prof. Dr. Nazan Küçükkeleş**  Istanbul / Turkey  
New treatment modalities for rapid maxillary protraction

10:45  **Coffee break (30 minutes)**

11:15  **Dr. Albino Triaca**  Zürich / Switzerland  
Chinwing osteotomy, a new concept in orthognatic surgery

12:45  **Lunch (60 minutes)**

13:45  **Prof. Dr. Moschos A. Papadopoulos**  Thessaloniki / Greece  
Skeletal anchorage devices in orthodontics: Basic principles and clinical considerations

14:30  **Coffee break (30 minutes)**

15:00  **Priv.-Doz. Dr. Benedict Wilmes**  Düsseldorf / Germany  
Multipurpose use of TADs, how to use mini-implants for different goals

16:30  **Summary (15 minutes)**  
All presentations will be discussed subsequently

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**SUNDAY, DECEMBER 1st, 2013  EAO-ACADEMY**

09:00  **Dr. Nils Stucki**  Bern / Switzerland  
**Prof. Dr. Tae-Weon Kim**  Seoul / South Korea  
eCligner® (3-D digital Clear Aligner) Treatment

10:45  **Coffee break (30 minutes)**

12:45  **Lunch (60 minutes)**

14:45  **Coffee break (30 minutes)**

17:00  **Summary (15 minutes)**
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New treatment modalities for rapid maxillary protraction

Using face mask is a common treatment protocol for the correction of maxillary retrognathism. It is possible to advance maxilla in growing individuals, about 2–3 mm in 9–12 months of treatment time. But we do not have many options other than surgery or distraction if the growth is completed or the anomaly is more severe. Waiting for the growth completion for surgical option may result in psychological problems in the adolescent stage. It is also possible to elongate membranous bone of maxilla by a distraction protocol which is performed usually on cleft cases. On the other hand few researchers documented the clinical and cephalometric results of a ‘distraction like’ method. They protracted maxillae rapidly by using face mask following Le Fort I surgery. These studies reported 5–11 mm of maxillary advancement in a very short period of time.

In 2004 we designed a study to evaluate the effects of a similar treatment method and compared it with the conventional one (RPE+face mask therapy). The results of surgery assisted protraction were more remarkable and rapid compared to the other group. After these promising results we decided to improve the technique by preparing an intraoral design which maxilla was protracted by class-III-elastics attached between the upper splint and the mini plates located on the symphyseal bone. We treated a group of patients with this latter design and also evaluated the results of this treatment method. During this lecture short and long term progress of cases treated with both protocols will be presented together with the results of both studies.

CURRICULUM VITAE

Dr. Küçükkeleş has done her PhD in 1984–1989 in Orthodontic Department of Marmara University in Istanbul where she became a professor and the vice dean in year 2002. She also chaired the Orthodontic Department of University of Marmara in 2006–2011 and executed the editor in chief position of Turkish Journal of Orthodontics in 2004–2008. She has many publications and presentations and giving theoretical and practical courses in European countries since 10 years. Recently she is a full time professor in University of Marmara, President of Turkish Orthodontic Society. Her academic interests are: Orthognatic Surgery Cases, Maxillary Protraction, Skeletal anchor- age and Lingual Technique.
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E-Mail: grasse@oemus-media.de
SATURDAY, NOVEMBER 30TH 11:15 – 12:45

Dr. Albino Triaca Zürich / Switzerland

Chinwing osteotomy, a new concept in orthognatic surgery

A new technique for an extended genioplasty, the mandibular wing osteotomy, is presented step by step. This osteotomy allows correcting the position of the chin-prominence, to change the aspect of the divergency in the mandibular angulus and to achieve a lip competence in cases where it is needed. All these movements of the lower border of the mandibula can be performed completely independently from the positioning of the bases that is necessary for the correction of the malocclusion.

CURRICULUM VITAE

1971–1978 University of Zurich, Human medicine
1981–1984 University of Zurich, Dental medicine; Dissertation "Das Gesicht als definierbares Modell" (The face as a definable model)
1987–1980 General surgery, Limmatspital Urdorf, Zurich (Head: Prof. Schwarz)
1980–1981 Pediatric general surgery, Kinderspital der Universität Zürich (Head: Prof. Rickham)
1987–1990 Head doctor of department of maxillofacial surgery, "Abteilung für Kiefer- und Gesichtschirurgie" (Head: Prof. H.F. Sellmer)
1990 Fellowship in Plastic surgery, Division of Plastic Surgery University of Miami Florida, USA (Head: Prof. Millard)
1990 Head of Max Center, European Center for Maxillo-Facial and Aesthetic surgery, Republica di San Marino
1990 Head of Maxillo-Facial-Center, Klinik Pyramide am See

E-mail: albino.triaca@hispeed.ch

Prague by Night (Photo: Ortwin Bato)

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Hainstrasse 108, 09130 Chemnitz

For further information: info@teledenta.com
This lecture presents and discusses the development, clinical use, benefits, and drawbacks of the skeletal anchorage devices used to obtain a temporary but stationary anchorage in orthodontics. Topics include classification, types and properties, site selection and placement methods, the clinical procedures for insertion, loading, removal, potential complications, as well as clinical effectiveness and the risk factors associated with their use. Finally, the clinical applications especially of miniscrew implants, will be discussed through several case presentations with different complex dental and orthodontic problems, such as deep or open bites, Class II or Class III malocclusions, missing or impacted teeth, etc.

CURRICULUM VITAE
Dr. Papadopoulos is Professor (elect) and Program Director at the Department of Orthodontics of the School of Dentistry of the Aristotle Univ. of Thessaloniki, Greece. He received his Dental Degree from the School of Dentistry of the Aristotle University of Thessaloniki, and his Doctorate Degree and his Certificate in Orthodontics from the School of Dentistry of the Univ. of Freiburg, Germany. He is Editor of the “Hellenic Orthodontic Review”, Assoc. Editor of “Stoma” and served as Asst. Editor of the “World Journal of Orthodontics”. He also is/or served as Member of the Editorial Board of 12 peer reviewed journals, and as Referee of 31 orthodontic, dental and medical journals.

Dr. M. A. Papadopoulos served as Vice President of the Hellenic Professional Union of Orthodontists and Vice Secretary General of the Stomatological Society of Northern Greece. Currently he is an active member in 9 Greek and 6 international societies, federations, and unions. He received the “A. Tsoukanellis Award” of the Aristotle Univ. of Thessaloniki (1993), the “Annual Scientific Award” of the German Association of Plastic Surgeons (2004), as well as the ‘Joseph E. Johnson Clinical Award’ of the American Association of Orthodontists (2009).

Currently the main clinical and research interests of Dr. M. A. Papadopoulos include the subjects of “noncompliance orthodontic treatment”, “use of miniscrew implants as temporary anchorage devices in orthodontic treatment”, and “evidence based orthodontics”.


E-mail: mikepap@dent.auth.gr
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Using mini-implants with interexchangeable abutments and plates numerous treatment objectives are achievable, especially in the upper arch. In many cases there are multiple problems that should be fixed by TAD anchored mechanics. Using implant-systems with interchangeable abutments multifunctional uses can be realized. Typical treatment tasks are distalization for space opening and extrusion of displaced teeth (simultaneous use), or distalization after rapid palatal expansion and protraction of the upper jaw (subsequent use). The design of the mechanics depends on the individual combination of clinical findings.

CURRICULUM VITAE

Dr. Wilmes did a postgraduate training in oral surgery at the Department of Maxillofacial Surgery at University of Münster, Germany. He received a M.S. and a postgraduate degree in orthodontics and dentofacial orthopaedics at the University of the Düsseldorf, Germany. In 2004 he became Assistant Professor, in 2006 Associate Professor at the Department of Orthodontics at the University of Düsseldorf. Dr. Wilmes is reviewer of numerous journals and has held more than 200 lectures and courses on skeletal anchorage in 30 different countries all over the world. Dr. Wilmes is a Visiting Associate Professor at the University of Alabama at Birmingham, USA. He was awarded the First Prize of the German Orthodontic Society in 2007 and the First Prize of the European Orthodontic Society in 2009.

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Golden Lane of Prague
For the first time, the highly complex anatomical and topographic relationships of the face are represented through a comprehensive series of vivid, detailed illustrations. Because the authors use composite images of living models and anatomical dissection specimens as well as corresponding computed tomography and magnetic resonance imaging series, their illustrations capture three-dimensional detail and provide surprising clarity. Facial structures can be explored layer-by-layer, and significant landmarks, anatomical details, and clinically relevant groupings of nerves and blood vessels are taken into account to preserve clinical relevance.

In addition, the layers of the dissection are always seen from the same viewpoint, thus ensuring that a clear overall orientation is maintained throughout. Accompanying text and figure legends emphasize key points, but the focus is always on the anatomical images. Many illustrations are key to dental medicine, including sections on teeth; arch shape, occlusion, and articulation; the periodontium; vascular supply to the teeth and periodontium; innervation of the teeth and periodontium; the mandible; the chin; the TMJs; vascularization of the TMJs; and innervation of the TMJs.
SUNDAY, DECEMBER 1ST 09:00 – 17:00

Dr. Nils Stucki  Bern / Switzerland
Prof. Dr. Tae-Weon Kim DDS, MSD, PhD
Seoul / South Korea

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**(3-D digital Clear Aligner)**
**Treatment**
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The eCligner is an aesthetic transparent removable orthodontic appliance, easy to apply, low cost and it allows effective tooth movement. Utilizing 3-D software program, digital set-up datas are completed through 3-D CAD CAM system. To make it an effective treatment, eCligner viewer program provides facial simulation functions to make available 3-D diagnosis and treatment planning.

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- Relapse treatment
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- Treatment of children (Growing patient)
- Extraction treatment (bicuspid)

Presenters will show how to start with eCligner and various clinical cases.
- Your laboratory for bracket-customization for both labial and lingual
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GET-TOGETHER PARTY
FRIDAY, NOVEMBER 29\textsuperscript{TH}, 19:30

Historic Bohemian beer pub “Kolkovna Palace Savarin”
Na Příkopě 10, Prague 1, 110 00

As it is a tradition, we would like to invite you to enjoy the scientific program and also the flair and the spirit of the city of Prague. On Friday evening we will welcome you in a typical historic beer pub to relax from an eventful day, enjoy the delicious Prague cuisine and the famous Czech beer specialities. You will have the chance to meet the speakers personally, meet old friends and get to know new friends.

And after all you are invited to experience the old and new times of Prague at night and visit one of the numerous nightlife spots downtown. Prague is one of the capitals of nightlife in Europe! This evening event is a real highlight of your days in Prague, too!
The 11th International Orthodontic Symposium 2013 will take place in the Kaiserstein palace. The address of the palace is "Malostranské náměstí 23/37", Prague 1.

An ideal place for meetings from the times of High Baroque

We are looking forward to hosting you as our guests, and please consider our guest book. For more than three centuries, we have had many satisfied and famous guests.

The Kaiserstein palace received a Baroque reconstruction initiated by Sir Kaiserstein but completed by Petr Radecký (1699–1720). In 1859 a monument of marshal Radecký was built on the square. Up to 1918 the square was named after him. In 1866, Václav Petzold, a hotel-owner, bought the palace and opened an exclusive restaurant. For the next hundred years it was called "U Petzoldů". The famous opera singer Emmy Destinn, a partner of Enrico Caruso, rented an apartment there (1904–1908). A total reconstruction began under the architects Ždeněk Pokorný and Jaroslav Bělský in 1977.

In 1981 the palace has been registered as a UNESCO heritage site. In 1997 restitution procedures were completed and the palace was returned to its original owners.

Public Transport

Metro: Line A (green) Station Malostranská
Tram: No. 12, 22, 23
Railway: 59 international train service daily
Airlines: For all Airline please look at:

Impressions of Prague
CONDITIONS OF PAYMENT

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Deutsche Bank Hannover (Germany)

International  IBAN: DE26 250 700 240 44 44 66 700
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Credit cards are also welcome.

All payments can be made till 20th November 2013!
Later payments only be made at the congress reception.
CONFERENCE REGISTRATION

Title, Name, Surname

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ZIP and Town

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E-mail

A

WEDNESDAY, NOVEMBER 27th, 2013
EAO-Academy with Priv.-Doz. Dr. Benedict Wilmes

Doctor

Postgraduate / EAO-Member*

190,– €

130,– €

B

THURSDAY, NOVEMBER 28th, 2013
EAO-Academy with Prof. Dr. Birte Melsen

Doctor

Postgraduate / EAO-Member*

380,– €

270,– €

C

FRIDAY 29th – SATURDAY 30th, NOVEMBER 2013
11th International Orthodontic Symposium

Doctor

Postgraduate / EAO-Member*

480,– €

350,– €

D

SUNDAY, DECEMBER 1st, 2013
EAO-Academy with Prof. Dr. T.-W. Kim & Dr. N. Stucki

Doctor

Postgraduate / EAO-Member*

290,– €

180,– €

* Become a EAO-Member: www.eaomembers.org

The fees include: Lunch, coffee breaks and Get-together-Party with traditional bohemian cuisine, Czech beer and music.

Accompanying persons for the Get-together-Party 35,– € /Person.

Conference language is English.

Simultaneous translation into Russian and Czech language.

Signature
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