

IOS

9th INTERNATIONAL
ORTHODONTIC
SYMPOSIUM

Orthodontics 2011

PRAGUE

November 24–26, 2011, Kaiserstejnsky palace
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Dear Colleagues,

The International Orthodontic Symposium in Prague has become a regular institution, and 2011, marks the 9th International Orthodontic Symposium in Prague. I invite you to come to Prague, on November 24–26, 2011, to learn and to share knowledge with the outstanding invited speakers. Next to the presentations which will give us an international overview of the cutting edge of our clinical standards, we will have ample opportunity to discuss the subject in depth.



On Thursday, Nov 24, 2011, we will have a pre-congress course, given by Prof. Dr. Tiziano Baccetti, Florence, on "New frontiers in dentofacial orthopedics. How to improve clinical results." The location will be the Kaiserstejnsky palace.

In addition to this outstanding scientific program we will visit a typical brewery Kolkovna in Palace Savarin and we will have an enjoyable Get-together-party on Friday again.

Again, the IOS-Organization Team has done an excellent job in organizing this meeting, and bringing us all together in Prague. I look forward to meeting you all in Prague, Nov 24–26, 2011!

I wonder, if we will have again more than 250 participants from more than 20 countries, as we had last year?

Please also save the date for our anniversary 10th IOS-Symposium, Nov 29–Dec 1, 2012.

A handwritten signature in black ink that reads "R. J. Radlanski". The signature is written in a cursive, slightly slanted style.

Prof. Dr. Dr. Ralf J. Radlanski, Berlin
President

E-mail: ralfj.radlanski@charite.de

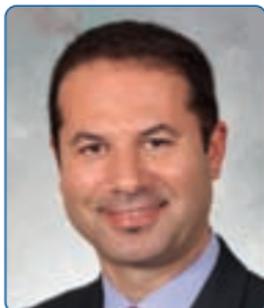
Pre-Course

Thursday, November 24

09:00–17:00

**Prof. Dr. Tiziano Baccetti, DDS,
PhD, Florence, Italy**

**New frontiers in dentofacial orthopedics
How to improve clinical results**



The efficient of orthodontic treatment: a step beyond effectiveness

Ideal requisites of an efficient treatment protocol in orthodontics and dentofacial orthopedics. The goal: to identify, learn, and apply factors of success

How to improve treatment outcomes of Class III Malocclusion

The early diagnosis. The 3 fundamental clinical rules for favorable outcomes of orthopedic treatment. The identification of best responders to orthopedic treatment: method revisited 2009. The protocols to avoid: what does not work, and what works with low efficiency. The new leading edge offered by dentofacial orthopedics associated with miniscrews

How to improve treatment outcomes of Class II Malocclusion

Timing of treatment and skeletal growth modification in Class II malocclusion. Identification of ideal candidates for functional appliances versus molar distalization. The role of functional jaw orthopedics in "unfavorable" Class II patients. New possibilities of Class II treatment in young adults

How to improve treatment outcomes of dentoskeletal open bite

The unpredictable malocclusion. The elimination of unfavorable habits in dentoskeletal open bite. The bite-block effect Treatment of anterior open bite in the mixed dentition: quadhelix-crib therapy.

Learning objectives

At the end of these course on "How and When to treat orthodontic patients", the participant will:

1. Be proficient in performing the diagnosis of individual skeletal maturation by means of the CVM method. This part of the lectures will focus on: Description of the stages in cervical vertebral maturation and their correlations with mandibular growth-Tips and practical hints to perform CVM analysis properly-Calibration test for the course participants
2. Be able to identify optimal timing for treatment of different malocclusions according to individual skeletal maturation. Optimal treatment timing will be described for orthodontic/orthopaedic therapy of Class II and Class III malocclusions.
3. Be able to identify those patients who will be ideal candidates for one type of treatment vs another.
4. Become familiar with findings of the most relevant research on the short-term and long-term outcomes of orthopedic therapy of different malocclusions on the basis of treatment timing. The results of clinical trials performed by the speaker in more than 15 years of scientific collaboration will clarify what to expect from the use of orthopedic appliances such as the facial mask, different functional appliances, and rapid maxillary expansion.

Friday, November 25
09:45–12:15

Prof. Dr. Tiziano Baccetti, DDS, PhD, Florence, Italy
Efficient treatment of class II malocclusion

The aim of this presentation is to illustrate factors related to the patient that can make a difference in the outcomes of treatment of Class II malocclusion, as well as in the choice of the most appropriate therapeutic approach to the individual Class II patient. Timing of treatment (pubertal growth spurt) and anatomical craniofacial characteristics before therapy can be used to optimize the results of Class II treatment in the growing patient. More specifically, the lecture describes the clinical management of efficient orthopaedic appliances (twin block, herbst) and the results of clinical trials on the effects of these protocols vs headgear therapy in Class II treatment. Practical rules for a rational treatment planning in Class II patients will be provided in order to maximize treatment results.

Curriculum vitae of Prof. Dr. Tiziano Baccetti

He is presently Assistant Professor at the University of Florence, Italy, and "Thomas M. Graber Visiting Scholar", Department of Orthodontics and Pediatric Dentistry, School of Dentistry, the University of Michigan, Ann Arbor. He graduated cum laude in Dentistry (DDS) at the University of Florence, Italy, in 1989. He has served the Italian Army as Dental Officer in 1990. From 1996 he holds a PhD degree in Dental Sciences at the University of Florence, Italy. He has been the winner of the Prize for the Best Poster in Orthodontic Research (First Classified, shared with Dr. Franchi) issued by the Italian Society of Orthodontics (SIDO), in 1994, and (Second Classified, shared with Dr. Franchi) in 1995. In 1996 he has won the National Prize of the Italian Society of Orthodontics (SIDO) for the best scientific article. In 2001 Dr. Baccetti has been the recipient of the Award of the Angle Society for Excellence in Orthodontic Research for the best paper published on the Angle Orthodontist during the years 2001–2003. He has been Speaker at the Annual Sessions of the American Association of Orthodontists from 1997 through 2006. Dr. Baccetti is a member of the Club International de Morphologie Faciale, European Orthodontic Society (EOS) and World Federation of Orthodontists (W.F.O.). He serves on the editorial Board of the European Journal of Orthodontics.

E-Mail: t.baccetti@odonto.unifi.it

Friday, November 26
09:00–09:30

**Prof. Dr. Dr. Ralf J. Radlanski,
Berlin**

**Splint Therapy Prior to Complex
Orthodontic Therapy**



More and more adult patients with a compromised temporomandibular joint function need orthodontic treatment. In many cases, these patients wear multiple prosthetic restorations. After diagnostic splint therapy, many patients present with an altered position of the mandible, which they describe as free of pain. Usually, it is the goal of orthodontic treatment to adjust the occlusion to support the new pain-free position of the mandible. This may be done by means of prosthetic measures, by orthodontic treatment, or by a combination of both. We all have practical experience and many of us can present with cases treated successfully with a more forward function with a raised bite. The literature, however, does not unanimously show a clear proof that this therapy is the only successful way. According to strong criteria for clinical studies, we do not have sufficient evidence that a more forward function with a raised bite is the only way of permanently alleviating temporomandibular dysfunction. There are also instigators, who maintain, one should not do anything irreversible, as the mandible may well return to its pre-treatment position without any pain. Together with some case presentations, we will discuss this problem and we will hopefully come to a practical solution.

Curriculum vitae of Prof. Dr. Dr. Ralf J. Radlanski

Prof. Dr. Dr. Ralf J. Radlanski is Head of the Department of Craniofacial Developmental Biology at Charité – University Medicine Berlin, Campus Benjamin Franklin at Freie Universität Berlin. After education in medicine and dentistry in Göttingen and Minneapolis, he received a graduate and postgraduate education in Anatomy at Göttingen University (Depts. of Morphology and Embryology). Specialization in Orthodontics at Göttingen University (Dept. of Orthodontics) and habilitation (1989) at the Medical Faculty at Göttingen University. Since 1992 at Freie Universität Berlin. 1999–2007 Managing Director of the Dental Clinic of Charité, Berlin. Guest Professor at University of California at San Francisco and University of Turku, Finland. Part time activity in an orthodontic practice.

Current Research: Craniofacial morphogenesis, visualization of fetal developing processes, bridging the gap between molecular biology and morphology. Research in practical and innovative orthodontic therapy. Chairman of the Working Group I (Craniofacial Development) of the COST-action B23. Board member of several national and international educational institutions. Advisor in continuous education in orthodontics in intra- and extra-university institutions. Co-author of "Dynamics of Orthodontics". Author of "The Face. Pictorial Atlas of Clinical Anatomy", together with Karl H. Wesker. Member in scientific boards and President of several international congresses, President of the International Orthodontic Symposium in Prag 2004, 2006–2011. President of the 10th International Symposium on Tooth Morphogenesis and Differentiation 2010 in Berlin.

E-mail: ralfj.radlanski@charite.de

Friday, November 25
12:15–13:00

PD Dr. Dr. Horst Ernst Umstadt
Timing of orthognathic surgery and the application of botulinum Toxine



Skeletal relapse after long distance mandible advancement is strongly influenced by muscles. Besides skeletal relapse, compression and consecutive condyle-resorption are additional problems. In 36 cases (>7.5 mm) we injected EMG-guided Botulinumtoxin A in the suprahyoid muscles on both sides followed by a bilateral sagittal split osteotomie (BSSO); no maxillomandibular fixation, no class II elastics followed by X-ray-controls (2 years). The results: no intra- or perioperative complications, no myotomies of the suprahyoid muscles, no speech or swallowing problems and only a barely-measurable relapse was seen after one year. MRI-evaluation of the joints show in comparison to the preoperative MRIs, no worsening of the joint conditions especially the condyle-positions of the joints.

Conclusion: Our method seems to prevent skeletal relapse and joint problems in these cases. It seems to be the method of choice in cases with preoperative joint problems. Until now no side effects which affect a patient have been observed.

Curriculum vitae of PD Dr. Dr. Horst Ernst Umstadt

Studied Dentistry and Human Medicine in Marburg (Germany) (with license to practise dentistry 1992 and degree Dr. med. dent.). 1990–1994 further surgical education and Board Certification in oral and maxillofacial surgery. 1994–1999 senior surgeon, 1999 chief surgeon at the Clinic for Oral and Maxillofacial Surgery of the Philipps University in Marburg; 2000 Dr. med., 2004 Study of "Health Care Management" at Philipps University in Marburg, "certified expert of implant dentistry" (DGOI – German Ass. of Dent. Impl.), ICOI-diplomate. 2006 Martin-Wassmund prize of the German Ass. for Oral and Maxillofacial Surgery; since 2007 Director of the Dept. for Oral and Maxillofacial Surgery – Plastic Surgery – Clinic of Ludwigshafen (Germany). Since 2010 Director of the Clinic of Cranio-Maxillofacial and Plastic Surgery (CMF-Care GmbH) Weinheim, Germany. Member of the DGMKG, DGZMK, AG-Kieferchirurgie, AFDT AK Botulinumtoxin, Head of QK-CMFD (quality group for TMJ-Treatment. Member Fac. of College Sutherland (Osteopathy).

Clinical activities in TMJ, orthognathic, cleft, plastic and reconstructive surgery, implant dentistry. Researches on chronic osteoarthritis of the TMJ. New surgical methods including distraction or botulinum toxin.

E-mail: horstumstadt@web.de

Friday, November 25
14:00–14:55

Dr. Ulrich Hafke, Hanover

Cone beam CT and 3-D volume rendering for visualization (3-D imaging)



Opportunities and benefits of cone beam computed tomography (CBCT) for diagnostics and treatment planning in the particular aspect of 3-D volume rendering for visualization. This will be shown by the example of supernumerary, displaced and impacted teeth. Possible reasons for the failure of the treatment will be shown. Let's take a look at the environment of the teeth, the temporomandibular joints, cervical spine and the maxillary sinus. See and realize!

Curriculum vitae of Dr. Ulrich Hafke

- 1981–1986 Education in dentistry at the Medical University of Hanover, MHH; Education as a medical officer at the Medical Academy of the German army in Munich; Specialized training for medics to anesthesia assistants, disaster medicine, periodontics and in the oral surgery clinic of the army hospital in Hamburg
- 1986 Examination in Dentistry
- 1986–1992 Head of the Federal Armed Forces dental clinics in Hildesheim/Germany and the Canadian Force Base Hospital in Shilo, Canada
- 1988 PhD
- 1993 Established his own practice in downtown Hanover
Certified Activity in implantology
Certified laboratory for implant prosthetics
Specialist in Implants of DGZI
- 2008 Opening of "DVT – Zentrum Hannover"

Focus

Computer-based dentistry, Cone beam CT diagnosis 3-D, guided surgery in implantology

Lecturing on digital volume tomography and guided surgery

E-mail: praxis@drhafke.de

Friday, November 25
14:55–15:30

Dr. Petra Hofmanová, Prague
3-D cephalometric and dental analysis



Cone beam computed tomography has opened many possibilities in quantitative and qualitative measurements. These are highly accurate (subvoxel size) if measured directly on a 3-D scan and not on synthesized conventional two dimensional images.

Existing software allows us to use all advantages of CT scans in performing measurements that are accurate and reproducible, can improve craniofacial diagnosis in analysing facial asymmetries, canted occlusal planes etc., where lateral cephalograms have several limitations.

Curriculum vitae of Dr. Petra Hofmanová

Dr. Hofmanová graduated and completed orthodontic postgraduate training at the Medical Faculty of Charles University Prague (Czech Republic). Currently she works in private practice in Prague and lectures in teaching hospital Motol at the Department of Paediatric Dentistry at Charles University with special focus on orthodontic treatment combined with orthognathic surgery, computer assisted VTO, 3-D imaging and TMJ. Since 2008 she is head of the Orthodontic Dept. at the 2nd Medical Faculty Charles University Prague. Dr. Hofmanová is member of the Czech Orthodontic Society, EOS, WFO and AAO.

E-mail: hofmanova.p@centrum.cz
ph_orto@yahoo.com



Friday, November 25
16:00–16:55

Dr. Johan Karsten, Stockholm
On distalizing – with emphasis on the
Carriere Distalizer



A discussion on distalizing with a precise description of the Carriere Distalizer concerning its function and management. The Carriere Distalizer may be used in a wide range of situations, may be combined with various types of fixed appliances and is as such a valuable tool in the clinical orthodontic working day. As every appliance has its advantages and disadvantages, the presentation aims at solving possible problems and thus maximizing the usefulness of the appliance.

Curriculum vitae of Dr. Johan Karsten

- 1983 DDS at Karolinska Institutet
- 1983–1986 General dentistry
- 1986–1991 Pedodontics at the Pedodontic department at Karolinska Institutet
- 1994 Specialisation in Orthodontics at Karolinska Institutet
- 1995 Master of Science at Karolinska Institutet
- 1995–2011 Private Practice
- 1995–1997 Clinical instructor, Orthodontic postgraduate programme: Karolinska Institutet
- 1997–1999 Eastman Institutet

E-mail: johan.karsten@swipnet.se



Saturday, November 26
09:00–09:30

Dr. Dina Mamekova, Almaty
Prof. Dr. Abirbek Mamekov,
Almaty

The harmonisation of teeth and jaw in patients with dentofacial anomalies

The lesson deals with the diagnosis of malocclusions while using movements of the mandible to find the new mandibular position. The speaker is of the opinion that tooth crowding and an unfavorable antero-posterior position of mandibular incisors lead to a deficiency of growth. At carrying out orthodontic treatment it is necessary to eliminate obstacles to the development of dento-alveolar system in due time.



Curriculum vitae of Prof. Dr. Abirbek Dosbolganovich Mamekov

In 1971 he defended his thesis for the degree of Candidate of Medical Sciences in Riga. In Latvia he is a scientific Leader. Honored scientist of Latvia, MD, Professor Dominique Antonovich Kalvelis. In 1997 he defended his thesis for the degree of Doctor of Medical Sciences on the topic: "The peculiarities of diagnostic and orthodontic treatment of patients with anomaly in position of individual teeth, associated with defects and deformities of dentition."

At present – Professor of Dentistry, prevention of dental diseases and orthodontics at Kazakh National Medical University.

E-mail: mamekov1943@mail.ru



Saturday, November 26
09:30–10:10

Dr. Jakob Karp, Munich

**SNB – Swiss Nonligating Bracket –
 Presentation of an outstanding bracket
 Experiences and prospects**



The control of tooth movement in all three dimensions is a major problem in the lingual and labial therapy. Here, the question arose whether there is a solution with the conventional bracket systems, or would another bracket with an entirely new conception be right way? This presentation will show how to reduce much of the dreaded side effects. The SNB bracket controls the movements of the teeth in an efficient manner with two arches in two slots that are mounted in a vertical distance of about 2 mm. The arch wires slide in the slot like a skater on the ice and guarantee a good stability of about 2 mm.

A special feature of these brackets, the two vertically arranged slots are to be emphasized. Thus an excellent control both in the transversal and in the vertical dimensions can be achieved which is especially important in extraction cases. These brackets are self ligating and show extremely low friction because of their Teflon-like material. The treatment times are reduced substantially in the rule.

With the SNB bracket a new dimension comes into the orthodontic treatments. Despite its small dimensions it includes benefits, such as a good three-dimensional movement control, which is particularly important in extraction cases.

Curriculum Vitae of Dr. Jakob Karp

- 1977 Graduation in general dentistry at the University of Munich, Germany
- 1980 Specialization in orthodontics at the University School of Orthodontics Geneva, Switzerland
- 1981–1987 Private practice Munich, Germany
- 1988–2001 Private practice in Rome, Italy
- Since 2002 Private practice Munich, Germany

E-mail: info@praxis-dr-karp.de

Thursday, November 24, 2011, Pre-Course

- 08:30** Registration
- 09:00** Opening
- 09:10** Prof. Dr. Tiziano Baccetti, Florence
New frontiers in dentofacial orthopedics.
How to improve clinical results
- 10:45** Coffee break (30minutes)
- 13:00** Lunch (60minutes)
- 15:15** Coffee break (30minutes)

Friday, November 25, 2011, Symposium

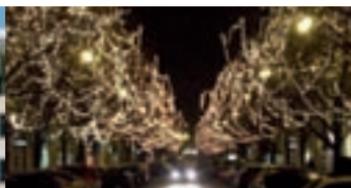
- 08:30** Registration
- 09:00** Prof. Dr. Dr. Ralf J. Radlanski, Berlin
Welcome
- 09:10** Prof. Dr. Dr. Ralf J. Radlanski, Berlin
Splint therapy prior to complex orthodontic therapy
- 09:45** Prof. Dr. Tiziano Baccetti, Florence
Efficient treatment of ClassII malocclusion
- 10:45** Coffee break
- 11:15** Prof. Dr. Tiziano Baccetti, Florence
Efficient treatment of ClassII malocclusion
- 12:15** Dr. Dr. Horst Ernst Umstadt, Ludwigshafen
Timing of orthognathic surgery and the
application of botulinum Toxine
- 13:00** Lunch
- 14:00** Dr. Ulrich Hafke, Hanover
Cone beam CT and 3-D volume rendering for
visualization (3-D imaging)
- 14:55** Dr. Petra Hofmanová, Prague
3-D cephalometric and dental analysis
- 15:30** Coffee break
- 16:00** Dr. Johan Karsten, Stockholm
On distalizing – with emphasis on the Carriere
Distalizer
- 16:55** Summary
- 19:30** Get-together-party



Saturday, November 26, 2011, Symposium

- 09:00** Dr. Dina Mamekova, Almaty
Prof. Dr. Abirbek Mamekov, Almaty
The normalisation of teeth and jaw in patients with dentofacial anomalies
- 09:30** Dr. Jacob Karp, Munich
SNB – Swiss Nonligating Bracket –
Presentation of an outstanding bracket.
Experiences and prospects.
- 10:10** Dr. Dirk Wiechmann, Bad Essen
Managing lingual orthodontics in everyday practice
- 11:10** Coffee break
- 11:40** Dr. Dirk Wiechmann, Bad Essen
Managing lingual orthodontics in everyday practice
- 13:00** Lunch
- 14:00** PD Dr. Michael Knösel, Göttingen
Dynamics of intra-oral compartment formation and the impact of soft tissue characteristics on orthodontic treatment success
- 14:35** Coffee break
- 14:45** Dr. Veronica Giuntini, Florence
Treating the vertical disharmony:
effective solutions
- 15:20** Dr. Dr. Axel Berens, Hanover
Plastic periodontal surgery and orthodontics
- 15:55** Summary

All presentations will be discussed subsequently!



Saturday, November 26
10:10–13:00

Dr. Dirk Wiechmann, Bad Essen

Managing lingual orthodontics in everyday practice



Completely individual lingual appliances have changed lingual therapy over the last years. Nevertheless, integration into daily practice is challenging. Over a five year period a concept has been developed and implemented into a highly frequented orthodontic office. This concept will be presented and discussed. Over the testing period the number of lingual case starts in the office has increased more than 3 times. With presently about 800 patients in active treatment, it is by far the biggest lingual office in the world. Lingual orthodontics is a competitive treatment option.

Curriculum vitae of Dr. Dirk Wiechmann

- 1984–1989 Graduation in Dental Medicine from Wilhelm University of Westphalia at Münster
- 1990 Doctor's degree awarded by University of Münster
- 1991 Internship as an Assistant Doctor in the practice of Dr. Didier Aubry, Rouen, France
- 1992–1997 Several residencies in various orthodontic practices.
- 1997 Specialty Certificate "Dentist specializing in Orofacial Orthopaedics"
- 1997 Establishment in own specialized orofacial orthopaedic practice at Bad Essen, Germany
- 1997–1998 Scholar in the postgraduate program "Lingual Orthodontics" at University Paris 5
- 1997–1999 Faculty member of the Orofacial Orthopaedic Unit of the School of Dentofacial Medicine of University of Münster, Germany
- 1999–2002 Member of the Editorial Board of the "Journal of Lingual Orthodontics"
- 1999–2002 Faculty in the program DUOL (Diplôme universitaire en orthodontie linguale) at University Paris 5
- 2000–2002 President of ESLO (European Society of Lingual Orthodontics)
- since 2002 Scientific Director of DUOLG (Diplôme universitaire en orthodontie linguale) at University Paris 7
- 2003 Laureate, received the Annual Award for Excellence of the German Orthodontic Society
- 2003 Diplomate of the German Board of Orthodontics
- 2003 Co-editor of the specialized journal in orofacial orthopaedics, IOK (Informationen aus Orthodontie und Kieferorthopädie)
- 2004 Faculty of the Orofacial Orthopaedic Unit of the Medical School at University of Hanover, Germany
- 2004 Member of the Editorial Board of the journal "International Orthodontics" edited by CEO (Collège européen d'Orthodontie)
- 2005 Laureate, received the Science Award of DGZMK (Deutsche Gesellschaft für Zahn-, Mund- und Kieferheilkunde)
- 2006 Honorary Associate Professor at the Faculty of Dentistry at the University of Hong Kong
- since 2006 Scientific Director of the Master of Science Program at the Medical School at University of Hanover, Germany

E-mail: wiechmann@dw-consulting.de

Saturday, November 26
14:00–14:35

PD Dr. Michael Knösel, Göttingen
Dynamics of intra-oral compartment formation and the impact of soft tissue characteristics on orthodontic treatment success



Orofacial posture, habitual dysfunctions, tongue dynamics and oral soft tissue characteristics are considered to have a major influence on the development and reoccurrence of malocclusion. Previous and contemporary concepts of oral soft tissue functions are outlined and a newly developed biofunctional oral model is presented that integrates both previous soft tissue conceptions, and the results of recent studies on the formation of two different intra-oral functional anatomical compartments during deglutition. It provides for a deeper understanding of orofacial biofunctions and dysfunctions, and explains previous observations of negative intra-oral pressures at rest. Current research projects on the effectiveness of myofunctional maneuvers and the use of oral screens as pre-orthodontic treatment measures are presented.

Curriculum vitae of PD Dr. Michael Knösel

- 2001 Studies of Dentistry in Göttingen, Germany, Graduation
- 2002 Resident in Private practice
- 2002–2006 Resident, specialization in Orthodontics and dissertation (2003) at the Department of Orthodontics at the Georg-August University/University Medical Center Göttingen
- 2007 Clinical traineeship in private orthodontic practice limited to lingual orthodontics (San Remo, Italy)
- 2009 Habilitation thesis/Venia legendi in Orthodontics
- since 2009 Lecturer in Orthodontics at the University Medical Center Göttingen
- 2009–2010 Research stays at the Aristotle-University of Thessaloniki, Greece

Major research topics

Incisor inclination, intra-oral soft tissue compartment formation, dental color assessments, white-spot lesions

E-mail: mknoesel@yahoo.de

Saturday, November 26
14:45–15:20

**Dr. Veronica Giuntini, DDS, PhD,
Florence**

**Treating the vertical disharmony:
effective solutions**



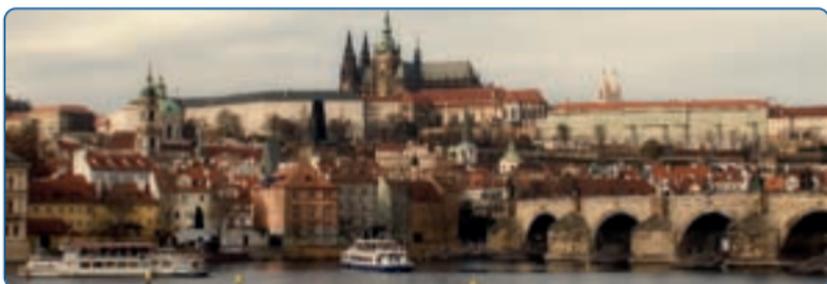
The aim of this presentation is to illustrate what works and what does not work in the treatment of dentoskeletal openbite in growing subjects. This disharmony is a difficult challenge for the orthodontist. Risk factors for the development of an anterior open bite have been identified, and protocols of intervention will be described. Among these, particular attention will be given to the effects of quad-helix/crib (Q-H/C) appliance in subjects with thumb-sucking habits and dento-skeletal open bite at an observation 2 years after the end of active treatment. The Q-H/C appliance is effective in correcting the dental open bite in 85% of the patients. Correction of anterior open bite is associated with a clinically significant improvement in inter-maxillary vertical skeletal relationships. The clinical management of the appliance will be described as well.

Curriculum vitae of Veronica Giuntini

Dr. Giuntini graduated in dentistry at the University of Florence, Italy, in 1999, and achieved a Doctorate in Preventive Orthodontics at the same University in 2003. She also achieved a Master of Science in Orthodontics at the University of Rome Tor Vergata in 2009.

Currently she is a Research Associate and a Clinical Instructor at the University of Florence, Italy. She has been a visiting lecturer at the Department of Orthodontics of the University of Michigan in 2009. Dr. Giuntini has lectured at national and international orthodontic meetings including main lectures at meetings of the American Association of Orthodontists and at the International Orthodontic Congress. She has published in the American Journal of Orthodontics and Dentofacial Orthopedics, The Angle Orthodontist, and the European Journal of Orthodontics. Dr. Giuntini is a member of the Italian Society of Orthodontics, World Federation of Orthodontists and European Orthodontic Society.

E-mail: veronica.giuntini@virgilio.it



Saturday, November 26
15:20–15:55

Dr. Dr. Axel Berens, Hanover
Plastic periodontal surgery and
orthodontics



The gingival margin is not only the junction between hard and soft tissues, it is also the place where the areas of different dental specializations meet. During an orthodontic treatment periodontal problems can occur, which may be relevant for the prognosis of a single tooth or the whole stomatognathic system. The interdisciplinary work between orthodontist, general dentist and periodontal surgeon is decisive for the prophylaxis and therapy of such disturbances.

During surgical exposure of unerupted teeth one has to consider periodontal aspects for a long-term success. Depending from the presurgical findings the surgical procedure has to be defined in order to provide an acceptable amount of attached gingiva around the tooth after its eruption. Gingival recessions during orthodontic therapy are a well known subject especially in the treatment of adults. It is important to know the risk factors as well as the therapeutic options to achieve a functionally and esthetically pleasing result as it is desired by the patient.

The modified tunnel technique is a tool for the periodontal surgeon that delivers predictable treatment results.

Curriculum vitae of Dr. Dr. Axel Berens

Born 1965

1984–1990 Study of Dentistry, University of Münster, Germany

1991–1997 Study of Medicine, University of Münster, Germany

1996–1997 Internship at Hospital das Clinicas, São Paulo, Brazil

1992–1996 Assistant Doctor, Institute of Anatomy, University of Münster, Germany

1997–2001 Residency in the department of Oral and Maxillofacial Surgery, University of Hanover, Germany

2000 Specialist in Oral and Maxillofacial Surgery

since 2001 Private practice of Oral and Maxillofacial Surgery in Hanover, Germany

Many lectures and courses about Implantology. Scientific research about mini – and microimplants in orthodontics as temporary skeletal anchorage together with Dr. Dirk Wiechmann, co-founder of the SANO Research Group (Skeletal Anchorage in Orthodontics)

E-mail: info@kieferzentrum.de
axelberens@web.de

Pronouncement



10th INTERNATIONAL
ORTHODONTIC
SYMPOSIUM

10th Orthodontic Symposium **PRAGUE**

November 24–26, 2011, Kaiserstejnky palace
www.orthodontics-ios.eu

Tenth anniversary congress

As every year, meet the best speakers in Europe



President: Prof. Dr. Dr. Ralf J. Radlanski (Berlin, Germany)
ralfj.radlanski@charite.de

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 DDr. Silvia M. Silli (Vienna, Austria), silvia@silli.com
 Dr. Aladin Sabbagh (Erlangen, Germany), info@sabbagh64.com
 MUDr. Hana Týcová (Prague, Czech Republic), h.tycova@seznam.cz
 Prof. Dr. Nezar Watted (Jerusalem, Israel), nezar.watted@gmx.net
 Dr. Olya Zakharenko (Kiev, Ukraine), olya_za@ukr.net



Mediating and Organisation:

Dr. Jan V. Raiman
 Kirchröder Str. 77, 30625 Hannover, Germany
 Tel.: +49-5 11/55 44 77
 E-mail: org@raiman.de

Conference registration

IOS Hannover
 Kirchröder Str. 77, 30625 Hannover
 Tel.: +49-5 11/55 44 77
 Fax: +49-5 11/55 01 55
 E-mail: ios@raiman.de
 www.ios-hannover.de

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00 420/777 606 457 and we will help you.



Friday, November 25, 19:30

Get-together-party

**Historic Bohemian beer pub
Na Příkopě 10, Praha 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 cuisine of Prague 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.

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!

**After the conference at 19:30 in the
Kolkovna Palace Savarin
www.kolkovna.cz**

**With Bohemian Cuisine and music
www.svejkmusik.wz.cz**



Symposium venue



Front view of venue as to be seen from Malostranské namesti.

The 9th International Orthodontic Symposium 2011 will take part in the **Kaiserstejnsky palace**. The address of the palace is **Malostranské namesti 23/37 Prague 1**. The extraordinary palace is an ideal place for meetings full of the atmosphere of the times of High Baroque. During more than three centuries this building saw many satisfied and famous guests. Now we are looking forward to you to enjoy this location and sign in our guest book.

The Kaiserstejnsky palace got a Baroque reconstruction initiated by Sir Kaiserstejn but completed by Petr Radecký (1699–1720). In the year 1859 a Monument of marshal Radecký was built on the square in front. Therefore, it was named until 1918 after the famous marshal. The hotelier Václav Petzold bought 1866 the palace and opened an exclusive restaurant. So for the next hundred years it was called "U Petzoldů" (with Petzold.). Once the famous opera singer Emmy Destinn, a partner of Enrico Caruso, rented an apartment here for four years (1904–1908).

The new era of total reconstruction began under the architects Zdeněk Pokorný and Jaroslav Bělský in 1977. Since 1981 the Kaiserstejnsky palace is registered as an UNESCO heritage site.

Restitution procedures were completed in 1997 and the palace now returned to its original owners.

Public Transport

Metro: LINE A (Green) Station Malostranska

Tram: No. 12, 22, 23

How to get there?

Railway: 59 international train service daily

All Airlines:

Please look at: www.pragueairport.co.uk/airlines-airport.htm

Conditions of Payment

IOS-Hanover
Germany

Account: 4444667 00

Bank Code: 250 700 24

Deutsche Bank Hannover

International

IBAN: DE26 250 700 240 4444667 00

SWIFT: DEUT DE DBHAN

Credit cards are also welcome.

All payments can be made till 10th November 2011! Later payments can only be made direct at the congress reception.

Our special thanks to Ortwin Bato for his pictures of Prague!

