

*5<sup>th</sup> International  
Orthodontic Symposium*



ORTHODONTICS  
**2007**

“Interdisciplinary Orthodontics—  
Quality assurance”

29<sup>th</sup> November–01<sup>st</sup> December 2007

**Prague**

[www.orthodontics-ios.eu](http://www.orthodontics-ios.eu)





**Dear colleagues,**

the series of International Orthodontic Symposia will be continued in 2007. The time of the meeting has been moved towards the pre-Christmas season. This will allow all participants to enjoy the mood of the picturesque and historical settings of Prague, including the Christmas fare at Old Town's and Wenzels Square.

"Interdisciplinary Orthodontics—Quality management" will be the main topic of this years meeting. Among the excellent speakers will be Dr. Chung How Kau (Houston, TX, USA) and Dr. Derek Mahony (Sydney, Australia). Of special interest to orthodontic practitioners will be a pre-course given by Dr. Mahony from Sydney on "The Art and Science of ideal orthodontic and periodontal management".

As usual, all the speakers will have ample time to present their topics with a broad scientific basis and extensive clinical relevance. In the format that has been set for this Symposia series, ample time will be reserved for discussion. Experienced scientists and practitioners will equally benefit, as well as young orthodontic residents, and students, will learn from the presentations and lively discussions.

Thus, I would like to invite all again to come to the historic city center of Prague to see the variety of state of the art approaches in contemporary interdisciplinary Orthodontics. Be again a guest in the center of Europe, in orthodontics and in Prague!

*R. J. Radlanski*

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

○ THURSDAY, 29<sup>TH</sup> NOVEMBER



Derek Mahony

**DEREK MAHONY, BDS, MScORTH, DORTHRCs,  
MDORTHRCPS, MORTHRCs**

**Art and Science of ideal orthodontic and periodontic management**

Anterior dental aesthetics has become a popular topic amongst all disciplines in dentistry.

This exciting one-day course will present a logical diagnostic approach when planning a makeover for the aesthetic appearance of patient's teeth. The course will present an inter-disciplinary approach to the diagnosis and management of anterior dental aesthetics, with a special emphasis on orthodontic tooth movement.

At the end of this course a doctor will be able to use an aesthetically based approach to the diagnosis of anterior problems. Cosmetic outcomes will be improved without damaging the structural, biological and functional aspects of the patient's dentition.

**TOPICS INCLUDE:**

- Managing congenitally missing incisors
- The orthodontic/periodontic/restorative interface
- Midline and mediolateral incisor inclinations
- Gingiva to lip relationships
- Determination of gingival levels
- Improving the crown to root ration of anterior teeth
- Correction of gingival/osseous defects
- Bodily movement of teeth into an infrabony defect

**IN THIS COURSE YOU WILL LEARN:**


How to improve your skills in achieving optimal dental aesthetics. You will learn the difference between straight teeth and a nice smile, defining the smile arc, how torque affects the smile and the aging process of the face.

A better look is what all of our patients are striving to achieve...

Learn how to give them an even better result than they expect using a multi-disciplinary approach to total patient care.

This pre course will discuss the solutions for managing challenging orthodontic/periodontic/restorative situations to produce a more ideal aesthetic result.

Find your registration at the end of this invitation. Please notice the special offer in combination with the Symposium!

 **SPEAKERS**


Robert Fuhrmann

**FRIDAY 30<sup>th</sup> NOVEMBER, 9.20**  
**PROF. DR. DR. ROBERT FUHRMANN**  
 Halle/Saale, Germany

Chairman of the department of orthodontics at the Martin-Luther-University in Halle/Saale, Germany.

**Innovation in Orthodontics—from Dramatic Fiasco to high Aesthetics**

Pathological growth pattern, non-compliance or an insufficient treatment concept leads in some patients to a functional and aesthetical unacceptable occlusion and dentofacial appearance. In order to reconstruct the intraoral and extraoral situation an interdisciplinary treatment concept is necessary. 3-D imaging allows a metrical assessment of the craniofacial structures without superimposition in these cases.



Norbert Abels

**FRIDAY 30<sup>th</sup> NOVEMBER, 11.20**  
**DR. NORBERT ABELS**  
 Homburg, Germany

Orthodontic joint practice in Homburg, Germany.

**What can self-ligating brackets really do? What is their benefit?**

There are patients of all ages who seek orthodontic treatment. In this presentation, an overview of treatment procedures as they are typical for each age period will be given. This staging ranges from an aged patient, who receives a bone-preserving orthodontic tooth extrusion, over alignment of crowded anteriors, over an orthodontic creation of a lateral support for the temporomandibular joint, to treatment that is best applied during the puberal growth spurt down to interceptive measures applied to young children. The presentation will also cover some aspects of pre-natal craniofacial development that have their consequence in postnatal life.



Derek Mahony

**FRIDAY 30<sup>th</sup> NOVEMBER, 14.00**  
**DR. DEREK MAHONY, BDS, MScORTH,**  
**DORTHRCs, MDORTHRCPS, MORTHRCs**  
 Sydney, Australia

Private Practice in Sydney, Australia.

**Adult Orthodontics**

For perfect results many issues within the patient's dental situation have to be considered. The orthodontics and periodontics interface and molars and their uprighting will be topic of this lecture. Furthermore the occlusion, the creation of new bones for implants and 3-D computer design for perfect bracket positioning and archwire progression will be additional points to be considered. Last but not least the latest update on lingual orthodontics and the use of micro-implants will give this lecture a truly interdisciplinary content.

## SPEAKERS



Hana Hubáková

FRIDAY 30<sup>th</sup> NOVEMBER, 16.00  
**MUDR. HANA HUBÁKOVÁ, PHD**  
 Prague, Czech Republic

Head of the Department of Prosthetic Dentistry at Charles University in Prague.

### Fixed orthodontic appliance and magnetic resonance imaging

Magnetic resonance imaging (MRI) is widely used in maxillofacial area for diagnostics of genetic malformations and congenital disorders, traumatic and oncological diagnoses etc. Most of general dental practitioners and MRI staff consider presence of fixed orthodontic appliance as a contraindication for MRI, or require its removal. This lecture presents recommendations for clinical practice based on their experimental results of MRI compatibility with fixed orthodontic appliance components.



Ralf J. Radlanski

FRIDAY 30<sup>th</sup> NOVEMBER, 16.30  
**PROF. DR. RALF J. RADLANSKI**  
 Berlin, Germany

Managing Director of the Dental Clinic of the Freie Universität Berlin (Charité).

### Orthodontics & craniofacial orthopedics for all ages

There are patients of all ages who seek orthodontic treatment. In this presentation, an overview of treatment procedures as they are typical for each age period will be given. This staging ranges from an aged patient, who receives a bone-preserving orthodontic tooth extrusion, over alignment of crowded anteriors, over an orthodontic creation of a lateral support for the temporomandibular joint, to treatment that is best applied during the puberal growth spurt down to interceptive measures applied to young children. The presentation will also cover some aspects of prenatal craniofacial development that have their consequence in post-natal life.

*Enjoy  
 Christmas  
 in Prague*



 SPEAKERS


Chung How Kau

SATURDAY 01<sup>st</sup> DECEMBER, 9.00  
**DR. CHUNG HOW KAU, BDS, MScD**  
 (ORTHODONTICS), MBA  
 Texas, USA

Associated Professor at the Department of Orthodontics,  
 University of Texas.

**The use of different indices in Orthodontics—  
 A European and an American perspective**

Without measurement no judgement and without judgement no treatment. What would we do and how could we work without numbers and indices in orthodontics? Which indices exist and how are these indices used? This lecture will show differences and similarity between the European and the American point of view of perfect teeth and treatment.



Heike Schoebel

SATURDAY 01<sup>st</sup> DECEMBER, 11.00  
**DR. HEIKE SCHOEBEL**  
 Hanover, Germany

Working in an orthodontic joint practice in Hanover,  
 Germany.

**The Damon System—reduced to the max**

The mechanical advantages of friction and force reduced self ligating treatment systems will be explained on the example of the Damon system. The positive effects on treatment duration and comfort for doctors and patients as well as the abandonment of additional mechanics (RPE, Headgear) and extraction will be shown on cases of teenagers and adults.

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## SPEAKERS



Kurt G. Vinzenz

SATURDAY 01<sup>st</sup> DECEMBER, 14.00  
**PROF. DDR. KURT G. VINZENZ**  
 Vienna, Austria

President of the Austrian Society for Implantology and Tissue Integrated Prosthesis.

**Distractions osteogenesis—New perspectives for the orthodontic therapy**

Anatomic shape, function and aesthetics are inextricably connected in oral and maxillofacial surgery. Every aberrance of this fundamental knowledge in surgical orthodontics as well as in reconstructive and aesthetic surgery is always only camouflage of the particular indisposition.

The distraction osteogenesis combined with traditional orthodontic therapy offers new perspectives which can improve the functional-aesthetic results. Different advantages as "Rapid Orthodontic Treatment", minimal invasive surgery and many more will be presented in this lecture.



René Foltán

SATURDAY 01<sup>st</sup> DECEMBER, 16.00  
**MUDR. RENÉ FOLTÁN, M.D., D.D.S., FEBOMS**  
 Prague, Czech Republic

Consultant and Senior Lecturer in Oral & Maxillofacial Surgery at Charles University in Prague, Czech Republic.

**Impact of orthognathic surgery on ventilation during sleep.**

Orthognathic surgery changes the occlusion and facial aesthetics. A certain dependency certainly exists between anatomy and function; however a scientific proof of functional changes is missing. Topic of the lecture will be to summarize up-to-date knowledge about influence of orthognathic surgery on upper airways patterns and to show implication for the daily orthodontic and orthognathic praxis.



## 5<sup>th</sup> International Orthodontic Symposium

<b>THURSDAY, 29<sup>TH</sup> NOVEMBER</b>	<b>"Art and Science of ideal orthodontic and periodontic management"</b> Dr. Derek Mahony
08.00	Registration pre course and symposium
09.00	Start of pre course part A
10.30	COFFEE BREAK
12.30	LUNCH BREAK
14.00	Start of pre course part B
15.30	COFFEE BREAK
17.30	End of pre course
<b>FRIDAY, 30<sup>TH</sup> NOVEMBER</b>	<b>International Orthodontic Symposium</b>
09.00	<b>Opening</b> Prof. Dr. Ralf J. Radlanski
09.20	<b>Innovation in Orthodontics – from dramatic fiasco to high aesthetics</b> Prof. Dr. Dr. Robert Fuhrmann
10.50	COFFEE BREAK
11.20	<b>What can self-ligating brackets really do?</b> Dr. Norbert Abels
12.10	LUNCH BREAK
14.00	<b>Adult orthodontics</b> Dr. Derek Mahony
15.30	COFFEE BREAK
16.00	<b>Fixed orthodontic appliance and magnetic resonance imaging</b> MUDr. Hanna Hubáľková, PhD
16.30	<b>Orthodontics and Cranofacial Orthopedics for all ages</b> Prof. Dr. Ralf J. Radlanski
17.30	End of conference day I
20.00	ADVENT-GALA-PARTY

## 5<sup>th</sup> International Orthodontic Symposium

SATURDAY, 01<sup>ST</sup> DECEMBER

International Orthodontic Symposium

09.00	The use of different indices in Orthodontics— A European and an American perspective Dr. Chung How Kau
10.30	COFFEE BREAK
11.00	The Damon System—reduced to the max Dr. Heike Schoebel
12.30	LUNCH BREAK
14.00	Distractions osteogenesis—new perspectives for the orthodontic therapy Prof. DDr. Kurt Vinzenz
15.30	COFFEE BREAK
16.00	Impact of orthognathic surgery on ventilation during sleep MUDr. René Foltán
17.30	CLOSING SPEECH
17.40	End of Symposium

*Each lecture includes 15 – 30 minutes discussion!*



**HOTEL**

Please look for a hotel on time. We can recommend to use [www.hrs.com](http://www.hrs.com) or [www.pragueagency.com](http://www.pragueagency.com) for your bookings. You can find any desired hotel category there. If you need further assistance we would be happy to help you.

*Just give us a call at +49-511/55 44 77.*

**HOW TO GET THERE**

Thanks to its favourable location in the heart of Europe Prague is an ideal destination to host meetings and events of any kind. Already in the past the city became a crossroads for European travellers and a gateway to Central and Eastern Europe.

*Come **by train**—59 international train connections daily*

*Fly in **by plane**—107 direct flights daily*

*Or take **your car**—connection to the European highways*

Come and join in. Prague is just a few hours away...

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*train – [www.idos.cz](http://www.idos.cz)*

*car – [www.map24.com](http://www.map24.com)*

**IN THE CITY**

Due to an amazingly good public transport and the location in the heart of Prague you can reach the venue from anywhere in Prague. From the metro or tram station “Staromestska” it is only a two minutes walk.

**PUBLIC TRANSPORT**



○ VENUE

Already as a tradition the V. Orthodontics will again take place in the conference area of the municipal library. Not only the convenience in the lectures but especially the unique location of this venue makes it a perfect place to host the Orthodontics.

Located in the Old Town of Prague only two minutes walk away from the famous Astronomical Clock the venue is perfect accessible via tram and metro.

Municipal library  
Mariánské náměstí 1  
110 00 Prague 1

Station "Staroměstská"  
Metro line A (green)  
Tram no. 17, 18, 21

○ Advent-GALA-PARTY



On Friday evening we would like to invite you to experience the old and royal time of Prague with us.

We will introduce you to the life in a historical palais in all its beauty. You will be delighted by a delicious dinner to the pleasant sounds of music. You will have the chance to meet the speakers personally, meet old and get to know new friends and start warming up for the Christmas time. We will offer you Prague in a cozy and vibrant way, just like you prefer it for Christmas.

FRIDAY, 30<sup>th</sup> NOVEMBER, 20.00

*Enjoy  
Christmas  
in Prague*



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**PREVIEW**

Next Orthodontics – IOS 2008  
 27<sup>th</sup> – 29<sup>th</sup> November 2008  
 first Advent weekend  
 Synoptic Orthodontics–surgery, early and adult treatment, distraction  
[www.orthodontics-ios.eu](http://www.orthodontics-ios.eu)

○ TOURIST TIPS

TRAVEL IN PRAGUE

Prague has a very good public transport system. In the inner city everything is accessible by metro and trams. The bus is only needed for the outskirts and for the connection to the airport. We recommend you a 72 hrs pass available in every metro station. The closest stop to get to the venue is Staromestska. Take either the green metro A or the tram lines 17, 18 and 21. If you want to use a taxi we recommend AAA Taxi. Call 14014 and order your personal car.

CULTURE IN PRAGUE

In Prague you can find any kind of cultural entertainment. Theatre, ballet, classical but also rock concerts, exhibitions and a lot more. The most famous sights are the Charles Bridge from 1357 a.c., the Astronomical Clock from 1410 a.c. and of course the world's biggest castle area. But Prague is also an active city for young people. Bars, clubs and concerts can be found at any day of the week.

SHOPPING IN PRAGUE

Prague offers a huge variety of shops for every taste. You can find cloths, electronics and souvenirs not only downtown but also in the shopping malls in Andel, Flora and all over Prague.

CUISINE IN PRAGUE

What ever you have heard about the Czech cuisine, it is true! It is meat, it is dumplings and it is heavy. But it is good! And for the more international taste you can find a lot more restaurants of any kind all over the city.

