



POWER²Reason

EVIDENCE BASED EDUCATION

The Negresco Symposium

Friday 22nd March 2024

Nice, France

The Negresco Hotel

AO AMERICAN
ORTHODONTICS

PROFESSOR JONATHAN SANDLER

(BDS (HONS) MSc PhD MOrth)

CHAIRMAN

Curriculum Vitae

- Since 1993 Consultant Orthodontist at Chesterfield Royal Hospital, UK.
- Contributor to 5 major multi-centre RCTs over the past 22 years on Class II treatment and dental implants to supplement anchorage.
- MOrth Examiner for the Royal College of Surgeons for 11 years and European Board Examiner for 5 years.
- Author of over 130 scientific articles, and has delivered over 160 lectures nationally and internationally.
- Chairman of the 8th World Orthodontic Conference organising committee 2008-2015.
- President of the Angle Society of Europe 2016-2018.
- President of the British Orthodontic Society 2018-2020.



AGENDA

TIME	SPEAKER	INFORMATION
08:30 - 09:00		Welcome coffee and registration
09:00 - 09:15		Introduction
09:15 - 10:15	Dr. Roland Männchen	TADs: Is the sky the limit? Learning the hard way...
10:15 - 10:45		Q & A
10:45 - 11:15		Coffee break
11:15 - 12:15	Dr. Flavia Artese	Anterior open bite: Are we treating the right causes?
12:15 - 12:45		Q & A
12:45 - 13:45		Lunch
13:45 - 14:45	Dr. Guido Sampermans	Back to basics: Diagnosis and treatment planning in orthodontics
14:45 - 15:15		Q & A
15:15 - 15:45		Coffee break
15:45 - 16:45	Dr. Renato Cocconi	TADs are establishing a new concept of borderline ortho surgical treatment
16:45 - 17:15		Q & A

TADS: IS THE SKY THE LIMIT?

Learning the Hard Way...

During the last three decades, temporary anchorage devices (TADs) have gained increasing acceptance in orthodontics. They are supposed to provide a stable or even absolute anchorage for the purpose of tooth movement thereby overcoming the limitations of traditional such as extra-oral and intermaxillary anchorage or functional appliances.

TADs may allow non-compliance Class-II-treatment or closure of agenesis spaces, which were hardly possible with traditional systems or they may expand the limits of orthodontics-only in borderline orthognathic patients. However, many clinicians face failures of TADs in their everyday work which causes unexpected troubles during orthodontic treatment or may induce compromised treatment results. This presentation questions the success rates of different TAD systems, reports risk factors for failures and analyzes the limits of tooth movement

and orthopedic effects. Clinical cases illustrate these limitations and practical guidelines are given in order to decrease failure rates. Small TADs do not support sufficient moments around the long axis. The mid-palatal suture and placement in mobile mucosa should be avoided. Although they require compliance, conventional anchorage systems like headgears or functional appliances are preferable to TADs in Class-II-treatments of growing patients due to their superior skeletal effects. Tooth movements and post-therapeutic stability are limited in case of extreme distances, movements through the maxillary sinus or sandglass formed alveolar processes. Anatomic limits of the alveolar processes and unfavorable muscular balance may jeopardize orthodontic treatment results if tooth movements have been exaggerated.

DR. MED. DENT. ROLAND MÄNNCHEN (PHD)

Curriculum Vitae



- 1984 - 1990 Undergraduate Studies at the University of Zürich, Center for Dental Medicine
 - 1990 - 1994 Assistant doctor in general private practices
 - 1993 Promotion to Dr. med. dent.
 - 1994 - 1997 Post-graduate education in orthodontics at the department of orthodontics and pedodontics, University of Zürich, Switzerland
 - Spring 1999 Swiss Specialisation Exam
 - 1997 - 2010 Senior lecturer and Instructor at the department of orthodontics and pedodontics, University of Zürich
 - since 2001 Private practice in Winterthur, Switzerland (near Zürich)
 - 2010 PhD defence at the University of Tampere, REGEA Institute for Regenerative Medicine, Finland
 - Since 2014 President of the Swiss Specialisation Committee
- Memberships: Swiss Dental Society SSO; Swiss Orthodontic Society SGK-SSODF; Orthodontic Study Group of the University of Zürich ZKS; European Orthodontic Society EOS; Active member of the Angle Society of Europe ASE (since 2011)

ANTERIOR OPEN BITE:

Are we treating the right causes?

Anterior open bite is considered as one of the malocclusions of most difficult treatment, especially regarding stability. The literature presents many researches on this subject, however with controversial information. There are disagreements on the definition of open bite, its etiology and types of treatment. Possibly, the lack of consensus on the etiology of the anterior open bite may have led to different types of treatment and can be the explanation for the high level of relapse of this malocclusion. The purpose of this presentation is to review the concepts of anterior open bite focusing on etiology, treatment methods and their stability and present criteria for the diagnosis and treatment of this malocclusion, based on its etiology, with examples of treated cases, stable for over 10 years.

Learning Points:

1. To present to the clinician the importance of oral function in open bite diagnosis and treatment.
2. To outline the criteria to define what is the best age and treatment approaches for a stable result.
3. To describe the importance of upper incisor display for anterior open bite correction.
4. To critically analyze the effects of different appliances on anterior open bite treatments.



DR. FLAVIA ARTESE (P.D.)

Curriculum Vitae

Dr. Flavia Artese graduated in Dentistry at the Federal University of Rio de Janeiro in 1992, MSc in 1993 and PhD in Orthodontics (1998). She was a Visiting Scholar at the Department of Orthodontics at the University of Washington (1995-6). In 1999, Dr. Artese became a part time Associate Professor in Orthodontics at the Rio de Janeiro State University, where she currently teaches. She is a Diplomate of the Brazilian Board of Orthodontics (2006), the former President of the Brazilian Association of Orthodontics (2014-2018) and an International Ambassador for the American Association of Orthodontists, representing Brazil. In 2018 she became an active member of the Angle Midwest Society and is currently their Secretary of the Scientific Commission. Dr. Artese lectured nationally and internationally, published several papers and book chapters and was the past editor in chief of the Dental Press Journal of Orthodontics. She practices orthodontics in her private practice in Rio since 1993.

BACK TO BASICS:

Diagnosis and treatment planning in orthodontics

Treatment planning is the most complex area in orthodontics. In order to formulate an appropriate treatment plan, the clinician needs to be competent in history taking, examination of the patient and collection of appropriate records. The clinician also needs to have an excellent understanding of growth and development, facial and dental aesthetics, occlusion, the etiology of malocclusion, the physiology of tooth movement, the risks and benefits of treatment, retention and relapse.

Orthodontics moves more and more into an appliance driven profession. Courses about computer guided placement of palatal screws, complex distalisation appliances, shape memory wires and aligners, about indirect bonding trays and wire bending machines are becoming increasingly popular. But even the best placed screw or the most accurate indirect bonding tray

can't support you anymore, if you made wrong or very complicated treatment planning decisions.

This lecture focuses on the foundation of our profession: excellent diagnostic and treatment planning skills, based on simplicity and stability, avoiding many problems during active treatment, long treatment duration, compromised treatment results and post treatment relapse.

DR. GUIDO SAMPERMANS

Curriculum Vitae



- 1980 - 1986: General dentist in own practice in Belgium
- 1992 - 1997: Opening of an orthodontic practice in Maaseik, Belgium
- 1986 - 1992: Training as a specialist in orthodontics in Germany and the USA
- 1997 - 2002: Specialist in orthodontics in Germany and taking over an orthodontic practice in Heinsberg, Germany
- 2002 - 2015: Opening of an orthodontic practice in Maastricht and later in Echt, The Netherlands
- 2015 - ongoing: Opening of an orthodontic practice in Vienna, Austria
- Years of experience as a speaker, working with leading orthodontists

TADS ARE ESTABLISHING A NEW CONCEPT OF BORDERLINE ORTHO SURGICAL TREATMENT

TADs have become a routine tool in our orthodontic treatments. Their continuous development has allowed the possibility of unreciprocal dental movements and skeletal changes that are expanding the borders of the orthodontic treatment. The criteria of success could become the ability of avoiding at all costs a possible surgical intervention, exposing our patients to the risk of over treatment or unsatisfactory occlusal and aesthetic results. Using Class 3 as an example, we will explain why an orthodontic borderline treatment is not in opposition to a surgical intervention, avoiding the logic of orthodontic camouflage. We should clearly state the inclusive criteria of a borderline case, so that, by fully using TADs, we can obtain an objective improvement of the occlusion and of the aesthetic outcome, with no dento alveolar compensation. By avoiding dental compensations we allow the patient

to pursue a surgical treatment in case of unfavourable growth or request of aesthetic improvements without the need of orthodontic re-treatment.

3 learning objectives:

- How to recognise the main inclusive criteria for a borderline Class 3 treatment
- How to address the transverse discrepancy using TADs
- How to resolve the sagittal problem obtaining a satisfactory overbite and overate without dento alveolar compensations

DR. RENATO COCCONI

Curriculum Vitae



Dr. Renato Cocconi, obtained his postgraduate degree in orthodontics with full marks and honor in 1993 at the University of Milan. In the last 25 years his practice has been exclusively dedicated to orthodontics. He directs the Face Xp Ortho-Surgical center in Parma. He is involved in an intense scientific and educational activity and he has been invited as keynote speaker by the most important international orthodontic societies at universities in Europe and US.

He is current President of the Angle Society of Europe and active member of the European Academy of Esthetic Dentistry.

In the recent years, his attention has focused to the digital evolution of orthodontics, interdisciplinary treatments and Ortho Facial Surgery together with Prof. Raffaini.

VENUE

The Negresco Hotel
37, Promenade des Anglais, 06000 Nice, France
Phone: +33 4 93 16 64 00
<https://www.hotel-negresco-nice.com/en>

TUITION

Early bird: 625€ per person excl. VAT
After October 31st 2023: 749€ per person excl. VAT
Tuition includes: lectures, lunch and drinks.
You are responsible for transportation and lodging.

CERTIFICATE

Each participant receives a certificate at the end of the course, which confirms his participation.

WITHDRAWAL

We ask for your understanding that a withdrawal is only possible up to 4 weeks before the event and in written form. Thereafter, a withdrawal fee can be charged.

ACCOMODATION

A contingent of 50 rooms has been blocked for the lecture weekend at the Negresco Hotel for a special rate of 305 € incl. VAT per night, breakfast included, inside view room for single occupancy.



For more information and registration, please contact Ms. Evelyne Rouchon:
Mail: erouchon@americanortho.com
Phone: +49 (0)7631 97691 36