



POWER²Reason

EVIDENCE BASED EDUCATION

The Negresco Symposium

Friday 9th December 2022

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 - 9:15		Introduction
09:15 - 10:15	Dr. Björn Ludwig	Digital orthodontics TADs and some small surgical interventions: the most interdisciplinary ERA of ORTHO
10:15 - 10:45		Q & A
10:45 - 11:15		Coffee break
11:15 - 12:15	Dr. Caroline Cazenave	How to optimize our goals by controlling the occlusal plane with TADs
12:15 - 12:45		Q & A
12:45 - 13:45		Lunch
13:45 - 14:45	Dr. Pawel Plakwicz	The Best of times – The Worst of times – How the periodontist can contribute add value for orthodontic patients
14:45 - 15:15		Q & A
15:15 - 15:45		Coffee break
15:45 - 16:45	Dr. Ewa Czochrowska	How to manage tooth trauma in young orthodontic patients?
16:45 - 17:15		Q & A

DIGITAL ORTHODONTICS TADs AND SOME SMALL SURGICAL INTERVENTIONS:

The most interdisciplinary ERA of ORTHO

Many orthodontic treatment objectives, like occlusion, aesthetics and function, did not change too much the last decades. Besides that, the diagnostic and treatment range - technology wise - got much wider. New high-tech tools and innovations promise to easily guide us to success. Over the last two decades, for example the benefits of using skeletal anchorage got obvious and the use of these small screws is widespread. Many well working workflows are established, and sound biomechanics are identified. Scientifically there is good evidence in matter of failure rates, insertion sites and risk factors. But the evolution of the use of TADs does not stop! Especially the digital era brings new and promising features. Starting from the intraoral scan, digital X-ray, virtual screw placement, digital appliance design and finally 3D printing. Many clinical examples will be shown - current literature will be discussed and a critical evaluation

of these new procedures will finalize the lecture. But still achieving acceptable or even excellent orthodontic results seem to be "not easy" in everyday orthodontic practice. The lecture will discuss everyday challenges in orthodontic diagnostics and treatment. High- and low-tech biomechanics will be demonstrated, clinical tips and tricks will be given, and failures will be shown. All this will be illustrated presenting a wide range of clinical examples and discussed with the orthodontic literature.



DR. BJÖRN LUDWIG

(P.D.)

Curriculum Vitae

Björn Ludwig maintains a private orthodontic practice in Traben-Trarbach, Germany. He is assistant professor at the University of Homburg/Saar, Department of Orthodontics and his focus of research work is skeletal anchorage and 3D imaging. He has published more than 200 peer reviewed clinical and scientific articles and is editor of several books. Additionally, he is editor in chief of the Quintessenz publication "Kieferorthopädie" (Orthodontics) and co-editor of the Journal of Clinical Orthodontics. Dr. Ludwig works in the council of the German Board in Orthodontics and is past president of the European Begg Society.

HOW TO OPTIMIZE OUR GOALS BY CONTROLLING THE OCCLUSAL PLANE WITH TADs

Although it has been overlooked for a long time from the orthodontist's therapeutic equation, the occlusal plane is among other things the starting point for success. It comes between each of our objectives as well as long-term stability. All malocclusions can bring a craniofacial or functional imbalance, sometimes postural, but in all cases the etiology must be identified.

Nowadays, TADs offer orthodontists the possibility of a perfect three-dimensional control, favoring the optimization of the mandibular position. The occlusal plane is thus at the heart of our therapeutic decisions, from diagnosis to prognosis, it guides our therapeutic choices.

Whichever malocclusion is encountered, its position must be assessed three-dimensionally and adapt the mechanics. Cone beam computed tomography allows us to refine

our analysis of alveolar compensations and to focus our action.

Throughout key decision criteria for rational mechanics, we will see how to optimize our class II and class III treatment by controlling the occlusal plane.



DR. CAROLINE CAZENAVE

Curriculum Vitae

- Specialist dental surgeon qualified in dentofacial orthopedics (C.E.C.S.M.O. Bordeaux II, France).
- Former University Hospital Assistant in Bordeaux, France.
- Private practitioner in Brive-La-Gaillarde, France.
- Orthodontics for children and adults.
- Lingual orthodontics

THE BEST OF TIMES – THE WORST OF TIMES

How the periodontist can contribute to add value for orthodontic patients

The status of soft and hard tissues surrounding the teeth is a key element which strongly affects the long-term results of the multidisciplinary treatment and patients' satisfaction. The orthodontic treatment, especially with adult patients, is particularly demanding regarding the correct position of the gingival margin and for this reason it usually requires a thorough planning and a precise execution of the sequence of the treatment. Gingival recessions, in patients with a thin periodontal phenotype, constitute a challenge in the treatment and may sometimes limit the possibilities of an orthodontic plan. The lecture will discuss the studies investigating correlation between occurrence and progression of gingival recessions in relation to the orthodontic treatment. Selected cases will illustrate the treatment plans with in patients, the potential risk of development of gingival recessions. Surgical methods

including both sub-epithelial connective tissue grafting and the use of tissue substitutes will be presented and discussed. Description of treatment cases will demonstrate the cooperation between the oral surgeon/periodontist and the orthodontist in demanding cases. Additionally, some corticotomy techniques, with bone grafting, may improve the orthodontic treatment in selected cases. Combining these techniques with the standard protocols of grafting the soft and hard tissues may extend the possibility of orthodontic treatment while maintaining the safety of soft marginal tissues.



DR. PAWEL PLAKWICZ (PH.D., D.D.S., M.F.D.S.R.C.S.)

Curriculum Vitae

Dr. Plakwicz graduated from the Dental Faculty, Medical University of Warsaw, Poland. 1995-2003 he was an assistant lecturer at the Department of Oral Surgery at the same university. He completed postgraduate training at the University of Oslo, Norway, in 2000. In 2001, he qualified as a specialist in Oral Surgery and in 2009 defended his PhD thesis. Since 2009 he has worked at the Department of Periodontology, Medical University of Warsaw. In 2015 he gained his second PhD with habilitation. In 2017 he received his MFDS ad eundem from the Royal College of Surgeons of England. His main research interests are in the treatment of mucogingival surgery, clinical crown lengthening (incl. treatment of altered passive eruption of teeth), gingival overgrowth (hereditary gingival fibromatosis), multidisciplinary treatment of growing patients with missing teeth or with eruption disturbances, and teeth autotransplantation.

HOW TO MANAGE TOOTH TRAUMA IN YOUNG ORTHODONTIC PATIENTS?

Tooth trauma mostly affects the upper maxillary incisors in children under 11 years old. This is of serious concern when planning orthodontic tooth movements because of the increased risk of pulp necrosis and root resorption in these teeth. The clinical guidelines for traumatized incisors in orthodontic patients will be presented.

Different types of tooth trauma will be discussed focusing on the orthodontic management for the most severe conditions. Severe tooth trauma in the deciduous dentition may lead to developmental disturbances of the upper permanent central incisors, such as root dilaceration. In the early permanent dentition trauma leads to incisor avulsion, often combined with alveolar bone loss and this is a main concern for children and their parents.

Possible solutions include resin-bonded bridges, mesialisation of lateral incisors and premolar transplantation with their pros and cons will be discussed and comprehensively illustrated.



DR. EWA CZOCHROWSKA (D.D.S., PH.D.)

Curriculum Vitae

In 2003 Dr. Czochorowska was awarded a Ph.D. from the University in Oslo, Norway, for a thesis on autotransplantation of teeth. For this publication she received the American Journal of Orthodontics and Dentofacial Orthopedics Dewel Orthodontic Award. In 2014 she was awarded a habilitation in medical science from the Medical University in Warsaw, Poland, on her work related to orthodontic treatment of patients with periodontitis. She is the President of the Polish Orthodontic Society and the Active Member of the Angle Society of Europe and the European Board of Orthodontists. Furthermore, she has organized 2 international congresses on tooth transplantation in Poland and the Netherlands. She received the Distinguish Teacher Award from the European Orthodontic Society 2020. At present, she is the Deputy Dean of English Dentistry Division and is working at the Department of Orthodontics, Medical University in Warsaw.

VENUE

The Negresco Hotel
37, Promenade des Anglais, 06000 Nice, France
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<https://www.hotel-negresco-nice.com/en>

TUITION

Early bird: 490€ per person incl. VAT
After May 31st 2022: 580€ per person incl. 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 free of charge is only possible up to 4 weeks before the event and in written form.

ACCOMODATION

A contingent of 50 rooms has been blocked for the lecture weekend at the Negresco Hotel for a special rate of 160 € incl. VAT per night, breakfast included.



For more information and registration, please contact Ms. Evelyne Rouchon
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