8th SCIENTIFIC CONGRESS FOR ALIGNER ORTHODONTICS
- PRE-CONGRESS -

ALIGNER ORTHODONTICS
WITH THE SPECIAL ASPECT OF FUNCTION

Program Thursday, November 21, 2024

9:15 **Julia Haubrich**
Opening Pre-Congress

9:20 **Boris Sonnenberg**
Diagnostics From Head to Toe

9:45 **Stefano Troiani/Marc Geserick**
Euler-Angle Norms For Tooth Rotation,
Torque and Tip

10:15 **Pablo Arias/Javier Aznar**
FAS Aligners - An Excellent Aligner System for
Multidisciplinary Treatments - with a Special
Aspect to CMD Patients

11:00 **Simona Tecco**
Mandibular Kinematic Analysis and
Clear Aligners in the Treatment of TMDs

11:45 **Michael Zach**
Legal Aspects of
Function in Orthodontics

12:15 **Discussion**

12:30 *Lunch break*

13:30 **Werner Schupp/Sachin Chhatwani**
Next Level Aligner Therapy –
Implementation of Jaw Tracking
in Virtual Treatment Planning

17:30 *End of the Pre-Congress*

25 YEARS OF ALIGNER TREATMENT – WHAT'S NEW?

Program Friday, November 22, 2024

9:30 **Ralf J. Radlanski**
Opening Scientific Congress 2024

9:50 **James Mah**
Aligners are Popular, Biomechanics are Not

10:30 **Karl-Friedrich Krey/Anja Ratzmann**
Ten Years of In-Office Aligners in the Digital Workflow. Conclusion and a Look to the Future

11:00 **Discussion**
11:15 *Coffee break*

11:45 **Bernd Lapatki/Fayez Elkholy**
Experimental Biomechanical Studies on the Intrusion and Extrusion of Incisors with Aligners

12:15 **Christina Erbe**
Oral Health-related Quality of Life in a Randomised controlled, Multi-centre Study with Two Different Aligner Staging Protocols

12:45 **Discussion**
13:00 *Lunch break*

14:00 **Kamy Malekian**
Complex Anterior
Open Bite Malocclusion

14:30 **Jörg Schwarze**
What's the Difference? A Biomechanical Comparison of Aligner Systems

15:00 **Stephan Peylo**
Direct Printed Aligners (DPA) Versus Conventional In-House Aligners – Just a Hype or a Real Game Changer?

15:30 **Discussion**
15:45 *Coffee break*

16:15 **Thomas Drechsler**
„This Requires Surgery!" – Treatment Options for the Progenic Dentition Using Aligners

16:45 **Julia Haubrich**
20 Years of Deep Bite Treatment with Aligners – What's the Conclusion?

17:05 **Anton Demling**
On the Question of What a Digital Work Style Has to Do with an Analog Lifestyle

17:25 **Discussion**

17:40 **DGAO-Award**

19:30 **Gala-Dinner**
at the „Wartesaal Cologne"

Program Saturday, November 23, 2024

9:00   **Dirk Kujat**
Software-Supported Treatment Planning with
the Use of Clear Aligners and Multi-Bracket
Appliances at the Same Time – Practical
Examples and Potentials in Orthodontics

9:30   **Weronika Wierusz-Hajdacka**
Orthodontic Transformation:
How to Treat Without Leaving Home

10:00   **Dietmar Zuran**
How 3D-Monitoring is Revolutionising Aligner
Treatment. About Abolition of Refinements
and Waste Reduction

10:30   **Discussion**
10:45   *Coffee break*

11:15   **Gina Theodoridis**
Complexity and Excellence in Aligner
Treatment: How High Have We Set the Bar?

11:45   **Gabriele Gündel**
„Aging Jaws" – Leading Symptoms and
Therapy Concept with Spark Aligners

12:15   **Boris Sonnenberg**
The Next Step – from Digital to Generative AI:
New Possibilities in Orthodontics

12:45   **Discussion**
13:00   *Lunch break*

14:00   **Kathrin Becker**
Effectiveness of Tooth Movement with Two
Different Aligner Staging Protocols – a Rando-
mised Controlled Multi-centre Study

14:20   **Michael Nemec**
Patient Expectations of Aligner Treatments
Taking into Account Oral Health-Related Quality
of Life – a Prospective Multicentre Study

14:30   **Benedict Wilmes**
Aligners and TADs in Combination:
Sliding or Screwing?

15:00   **Alexander Schwärzler**
Aligner Therapy with Skeletally Anchored
CAD/CAM Appliances – Virtual Planning
and Transfer Accuracy

15:30   **Discussion** *and Coffee break*

16:00   **Andrea Bazzucchi**
Building a Solid Foundation for
Interdisciplinary Cases

16:30   **Gang Shen**
A New Orthopedic Approach Using
Clear Appliances to Correct Severe
Jaw Discrepancies

17:00   **Bärbl Reistenhofer**
Refinements – an Inherent Part of Every
Aligner Treatment or an Avoidable Nuisance?

17:30   **Discussion and Farewell**

18:00   **DGAO's General Meeting**