



# International forum Orto Tashkent 2023

**Organizers:**  
GC Orthodontics and Biotech Stom

**Date:** 28-30 of September

**Place:** Tashkent, Uzbekistan

Hilton hotel

2, Islam Karimov Street Block 5, 100027, Uzbekistan

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## Dr. Stefano Troiani

Stefano Troiani graduated at the University of Aarhus (DK) orthodontic program and received his MSc in Orthodontics in 2003. He has maintained a private practice in Denmark from 2003 to 2017 and in Germany since 2008.

He has worked as Clinical Assistant Professor at the Dept. of Orthodontics of the University of Aarhus from 2005 to 2007. He has been the scientific director of the Alpe Adria Face Master held at the University of Graz, Ljubljana and Zagreb in 2012-2013. He has been consultant orthodontist at the department of maxillo-facial surgery of the hospital of Sønderborg (Denmark) from 2008 to 2009 and the university hospital of Odense (Denmark) from 2008 to 2017.

Dr Troiani has held more than 150 lectures and courses internationally.

He is currently in private practice in Switzerland and Germany and serves as advisor for orthodontic industry.



## Dr. Klimova Tatiana

DMD, PhD, assistant professor, academic adviser and practicing orthodontist in the Moscow State University of Medicine and Dentistry (MSUMD) Orthodontic Department.

National and international speaker.

Author and co-author of more than 100 scientific Russian and international articles, publications and books, dedicated to orthodontics and pathophysiology.

Co-author of 8 patented orthodontic techniques and diagnostic methods.

Expert-specialist of the Dental Association of Russia in orthodontics

Dr. Klimova teaches students of the MSUMD Dentistry Faculty and residents of the MSUMD Orthodontic Department.

Member of multiple professional societies.

The main work focus of dr. Klimova is directed to the instrumental diagnostics of morpho-functional disorders and treatment of patients with cranio-mandibular dysfunctions.

Founder of the "QUADROtech" treatment, using only square archwires.



## Dr. Zygimantas Labanauskas

Is a dentist/orthodontist graduated from Lithuanian University of Health Sciences (2016) in Kaunas, Lithuania. As a young and ambitious doctor has visited, worked and collected experience from many clinics around the World. Doctor started his lecturer career in 2018.

Since 2021 runs one of the most innovative orthodontics practices in Lithuania, where he combines the knowledge and innovation from different practices. A member of different orthodontic societies, Certified GC Orthodontics speaker since 2022. The main fields of competence: clinic's management, treatment efficiency, treatment of asymmetries.

## DAY 1

Registration at 8.30-9.00. Lecture day duration 9.00 – 18.00

### Class II treatment with extractions and/or surgery

They aim to go over analysis of the goals of our class II treatment and the evidence supporting the different treatments.

It is then analyzed the approach of treatment with extractions, with indications and contraindications, general biomechanics, biomechanics of frictionless space closure, biomechanics of sliding mechanics, biomechanics of TAD-supported space closure, principles of finishing for 4-premolars extractions and 2-premolars extraction cases. For the surgical part, indications, contra-indications and pre-surgical preparation principles for different types of surgery are outlined.

## DAY 2

Lecture day duration 9.00 – 18.00

### Knowing wires and their characteristics what results could be expected?

- Analysis of orthodontic forces for teeth movements
- Side effects of uncontrolled, continuous orthodontic forces
- "BIO-EDGE" (GCO) archwires, their properties and "Quadrotech" method of treatment
- Round and tetrahedral archwires. What's the difference between them?
- Properties of orthodontic arch wires.
- Physical and mechanical properties of alloys
- Archwires shape and their selection
- Efficiency analysis of the "Quadrotech" orthodontic treatment method for patients with dental crowding using only tetrahedral archwires
- Tooth root condition upon dental crowding treatment
- Chewing efficiency and formation of occlusal contacts, working protocol
- Orthodontic treatment without extraction?. Functional diagnostics and treatment of patients with previous teeth extractions, clinical cases
- The Kimmerle (C1 vertebra) anomaly and orthodontic treatment by using light forces
- Rehabilitation of patients with secondary dentoalveolar deformations, functional disorders, TMJ dysfunctions and results

### GET treatment philosophy

- Diagnosis of the patient. How we assess the patient needs and malocclusions. Class I, II, III correction, asymmetries, vertical evaluation.
- Choosing the correct treatment method and mechanics for aligners and braces.
- Biomechanics of treating cases. Problems during the treatment with braces and aligners.
- GET technique: the modern technique that combines experience with advanced technologies.
- Finishing and retention.

## DAY 3

Lecture day duration 9.00 – 18.00

### Vertical control in straight wire appliance treatment

How to control vertical, close open bites and achieve optimal intercuspitation with limited use of vertical elastics

#### DEEP BITE

- Diagnosis: understanding the etiology of deep bite. Skeletal vs dentoalveolar
- Choosing the right mechanics according to the problem
- Difference in treatment between growing patients and adults
- Treatment mechanics: interceptive – segmented – straight wire
- Deep bite treatment with orthognathic surgery

#### OPEN BITE

- Diagnosis: assessment of open bite and growth prediction
- Interceptive treatment
- Mild cases – orthodontic vertical control
- Severe cases – use of TADS
- Treatment of open bites with orthognathic surgery
- Treatment of open bites with aligners



