2nd International scientific-practical conference by

LITHUANIAN UNIVERSITY OF HEALTH SCIENCES
FACULTY OF ODONTOLOGY

"DIGITAL OR CONVENTIONAL? *What is more effective?"*

The date: **17-18 January, 2025**

Venue: **Business Leaders Center in Kaunas**

V.Putvinskio 53, Kaunas, Lithuania

Accreditation hours – 16 hours

Dear Colleagues,

I am delighted to invite you to the 2nd International Scientific-Practical Conference, "Digital or Conventional? What is More Effective?" taking place in Kaunas in January 2025.

Our program includes inspiring keynote speakers, engaging panel discussions, and scientific sessions where young researchers will showcase their latest work. This conference offers a valuable opportunity to exchange insights and connect with fellow scientists and practitioners.

Join us in Kaunas for an enriching scientific and practical experience at the 2nd International Scientific-Practical Conference.

We look forward to welcoming you!

Prof. Kristina Lopatienė
Head of the Department of Orthodontics
Lithuanian University of Health Sciences

CONTACT INFORMATION FOR REGISTRATIONS:

For Lithuanian participants at: medas.lsmu.lt (Konferencijos)
For registration questions please contact: viktorija.antanaviciute@lsmu.lt

For international participants please register at
https://tickets.paysera.com/en/event/digital-or-conventional-what-is-more-effective
Contact: Violeta Vite phone: +37060378930, email: violeta@creativa.lt

PARTICIPATION FEE AND PAYMENT INFORMATION:

	Till 31st December, 2024	From 1st January, 2025
Orthodontists, odontologists	**90€**	**120€**
Residents, students	**40€**	**60€**

PAYMENTS should be done via link

https://tickets.paysera.com/en/event/digital-or-conventional-what-is-more-effective

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KEY NOTE SPEAKERS

Prof. MICHEL LE GALL (France)

Dr.UDO WINDSHEIMER (Germany)

Dr. SIMONE PARRINI (Italy)

Dr.CHRISTIAN SAMOILA (Romania)

LECTURES ABSTRACTS for KEY NOTE Speakers

Prof.Michel Le Gall

OPTIMIZING THE MASTERY OF MECHANICS COMBINING NEW TECHNOLOGIES AND METHODS.

Abstract: It is during certain strategic phases of orthodontic treatment that the need for third order control of the upper incisor takes on its full potential sense. These main phases are essentially those of leveling and decompensation of the upper arch, that concerning the retraction of the incisors and finally the more complex one of setting up the class mechanics II. The evolution of our techniques allows us to obtain such a result through reflection adapted mechanics, as well as by the use of specific equipment trained by the bracket/wire assembly. Optimized sliding and lowering friction ensure the use of forces most suited to tooth movement in respect for physiology.

Dr.Udo Windsheimer

COMPLEX SAGITTAL CASES TREATMENT WITH ALIGNERS - MYTH OR REALITY?

Abstract: During this presentation we will address the treatment of complex sagittal cases with aligners, examining whether successful outcomes are a myth or a reality in contemporary aligner orthodontics. We will delve into the biomechanics of sagittal discrepancies, highlighting the limitations and capabilities of aligner therapy in managing Class II and Class III malocclusions. Through a review of current literature and clinical evidence, we will discuss the integration of advanced digital tools that enhance treatment precision and predictability. Case studies will be presented to illustrate successful aligner treatments in challenging sagittal cases, along with strategies for overcoming common obstacles.

Dr. Simone Parrini

BIOMECHANICAL CONSIDERATIONS IN TREATING OPEN AND DEEP BITE CASES WITH ALIGNERS. DIGITAL WORK-FLOW IN A MODERN ORTHODONTIC PRACTICE.

Abstract: This presentation explores the biomechanical considerations essential for effectively treating open and deep bite cases using aligners, emphasizing the integration of digital workflows in modern orthodontic practices. We will discuss the unique challenges posed by these malocclusions and how aligners can be strategically employed to achieve optimal outcomes. Key topics will include the principles of force application, tooth movement mechanics, and the role of 3D imaging and modeling in treatment planning. Additionally, we will highlight studies demonstrating successful aligner therapy in complex bite cases, underscoring the importance of a comprehensive digital approach that enhances precision and efficiency. Attendees will gain insights into the latest advancements in orthodontic technology and their application in delivering patient-centered care. He is a member of the Italian Society of Orthodontics (SIDO) and of the European Aligner Society (EAS). He received certification of excellence with EBAO certificate (European Board of Aligner Orthodontics), and Model Display certification.

Dr.Christian Samoila

COMPLEX SAGITTAL CASES TREATMENT WITH FIXED APPLIANCES – WHAT IS REALLY WORKING?

Abstract: Addressing sagittal discrepancies has long been a key challenge in orthodontic treatment. Fixed appliance therapy offers both benefits and limitations. Understanding when and how to apply specific techniques or combine various anchorage devices is vital to achieving successful treatment outcomes. The shift from using extraoral forces to intermaxillary elastics, sagittal-first appliances, and TADs has significantly streamlined our daily practice. In this presentation, we will outline practical guidelines for managing the most common clinical scenarios.

PROGRAMME

Friday, 17-01-2025

08.30 - 09.00 Registration
09.00 - 09.10 Opening
09.10 - 09.30 Orthodontic treatment: new challenges
Kristina Lopatienė, Lithuanian University of Health Sciences
09.30 - 09.50 Evaluation of maxillary expansion: clear aligners vs rapid maxillary expanders in mixed dentition
Arūnas Vasiliauskas, Lithuanian University of Health Sciences
09.50 - 10.10 The future of prevention: innovation in dental health
Triin Jagomägi, University of Tartu
10.10 - 11.10 **Optimizing the mastery of mechanics combining new technologies and methods**
Michel Le Gall, Aix Marseille University
11.10 - 11.30 Coffee break
11.30 - 13.00 **Optimizing the mastery of mechanics combining new technologies and methods**
Michel Le Gall, Aix Marseille University
13.00 -14.00 Lunch break
14.00 -15.30 **Biomechanical considerations in treating open and deep bite cases with aligners. Digital workflow in a modern orthodontic practice**
Simone Parrini, University of Turin
15.30 - 15:50 Coffee break
15.50 -16.00 Diagnostic ability of the Fränkel manoeuvre to detect the contributing jaw in Angle class II division 1 malocclusion
Nerija Spaičytė, Giedrė Trakinienė, Lithuanian University of Health Sciences
16.00 -16.10 Maxillary morphological characteristics in patients with impacted canines
Ieva Gudelevičiūtė, Nerija Spaičytė, Dalia Smailienė, Lithuanian University of Health Sciences
16.10 -16.20 Untreated impacted teeth with the resorption of adjacent teeth: what is happening over time?
Modesta Ralytė, Monika Montrimaitė, Rūta Almonaitienė, Vilnius University
16.20 -16.30 Orthodontic treatment needs in maxillary impacted canines
Milda Kubilienė, Modesta Ralytė, Rūta Almonaitienė, Vilnius University
16.30 -16.40 Sustainability in dentistry
Girli Kallo, Triin Jagomägi, University of Tartu
16.40 -16.50 The effect of orofacial myofunctional therapy on the position of the hyoid bone in patients diagnosed with obstructive sleep apnea: a pilot study
Andrey Dashuk, Triin Jagomägi, University of Tartu
16.50 -17.00 Sleep-related breathing disorders in children: prevalence among orthodontically treated versus untreated groups
Neringa Paplauskienė, Vesta Jakštaitė, Rūta Almonaitienė, Vilnius University
17.00 - 17.10 Soft tissue morphology: genetic and environmental factors
Klaudija Urbutytė, Kristina Lopatienė, Lithuanian University of Health Sciences
17.10 -17.20 Tooth autotransplantation to anterior maxilla
Egita Benefelde, Gundega Jākobsone, Riga Stradins University
17.20 - 17.30 The biological limits of the mandibular incisors movement: risks of orthodontic treatment
Liveta Rastokaitė, Eglė Zasčiurinskienė, Lithuanian University of Health Sciences
17.30 -17.40 Prevalence of hypodontia in pre-orthodontic patients
Benedikta Palesik, Tomas Musulas, Kristina Lopatienė, Lithuanian University of Health Sciences
17.40 - 18.00 Q&A session
Moderator Arūnas Vasiliauskas, Lithuanian University of Health Sciences
18.00 -19.00 Networking event

Saturday, 18-01-2025

09.00 - 09.15 How the orthodontic palatal expansion affects the upper airway
Monika Šidlauskienė, Lithuanian University of Health Sciences
09.15 - 09.30 Prevention of oral disease during orthodontic treatment
Sandra Petrauskienė, Lithuanian University of Health Sciences
09.30 - 09.40 Conservative management of white spot lesions in orthodontic patients
Kornelija Rogalnikovaitė, Eglė-Aida Bendoraitienė, Vilija Andruškevičienė, Lithuanian University of Health Sciences
09.40 - 09.50 Hypodontia of maxillary lateral incisors: open or close the space?
Guoda Mockutė, Dalia Smailienė, Rūta Almonaitienė, Lithuanian University of Health Sciences, Vilnius University
09.50 - 10.00 An evaluation of slot size variations in self - ligating bracket systems
Neringa Paplauskienė, Vilija Berlin, Rūta Almonaitienė (Vilnius University)
10.00 - 10.10 Parents' awareness of their children dentition, orthodontic appliances and main treatment goals
Vesta Jakštaitė, Rūta Almonaitienė, Vilnius University
10.10 - 10.20 Three-dimensional mandibular condyle remodeling pre- and post-orthognathic surgery
Audra Janovskienė, Jan Pavel Rokicki, Dainius Razukevičius, Lithuanian University of Health Sciences
10.20 - 11.20 **Complex sagittal cases treatment with aligners - myth or reality?**
Udo Windsheimer, Private dental clinic, Crailsheim
11.20 - 11.40 Coffee break
11.40 - 13.00 **Complex sagittal cases treatment with fixed appliances – what is really working?**
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Moderator Kristina Lopatienė, Lithuanian University of Health Sciences

More information at: https://lsmuodontologyevents.lt/