

TMD & FMR beyond the teeth

3 days conference OCT 3,4,5 2025

Lukas Lassmann & Davis Thomas

Day 1

1. Understanding Orofacial Pain & TMJ

part 1 - What prosthodontist should know (Lukasz) 9:30 - 10:45

What is pain? How can a dentist correctly diagnose orofacial pain and assess whether it is treatable? How does the source of pain differ from the location of pain?

How to conduct an interview with a patient suffering from pain.

Disc pathology - how to differentiate it and when intervention is necessary

How to distinguish between locks of muscle and articular origin Synovial pain map of the temporomandibular joint

Radiological picture of disorders of the temporomandibular joint How to examine the temporomandibular joint

15 MIN TEA BREAK

2. Occlusal Philosophies - In Search of a Common

Denominator (Lukasz)

11:00 - 12:30

- How has the approach of occlusal philosophies changed in terms of tooth guidance and its impact on bruxism TMD (Temporomandibular Disorders)?
- The impact of improper occlusion on TMD- correlation or causative relationship?
- "Complicated Relationships between Anterior and Condylar Guidance and Their Clinical Implications" (Lassmann et al.)
- "Sagittal condylar guidance angle measurement methods: A systematic review" (Lassmann et al.)
- Is the use of fully adjustable articulators and a facebow really necessary to achieve proper prosthetic reconstruction?
- Controversies regarding centric relation from the perspective of diagnosis and therapy.
- In search of a common denominator between different occlusion philosophies.
- What are the limitations of articulators, and can we truly design prosthetic reconstruction that never require adjustment in occlusion?

12:30 - 13:30 - Lunch

3. Understanding Orofacial Pain & TMJ

part 2 -perspective from **pain expert** (**Davis Thomas**)

13:30 - 15:00

- Scope of OFP

- Orofacial pain encompasses a wide variety of conditions and diagnoses that affect the craniofacial structures. These include acute and chronic pain entities. The major subclasses of diagnoses are myofascial, neuropathic, neurovascular, headaches, autoimmune conditions, amongst others.

- OFP classification- The guiding light in this is the International Classification of Orofacial Pain (ICOP). • TMD classification

- We will discuss a simplified classification appropriate for clinicians, other than DC-TMD and RDC-TMD.

- Differential diagnosis

- We will discuss the major diagnoses based on cases

- Overview of management modalities

- A summary of management modalities with a focus for TMDs.

15 MIN TEA BREAK

4. **Demo** on TMJ and muscle examination

(**Davis Thomas**) **15:15-17:00**

HANDS ON : Participants paired and examine each other

Day 2

5. BITE REGISTRATION - MAKE IT EASY (LUKASZ) 9:00 - 10:30

5 different condyle positions - DO WE NEED A CENTRIC RELATION ?

What the guidelines and professional ethics say in relation to the current state of scientific knowledge.

Leaf gauge - What is it? When / should I use it? How to use it?

Demonstration of working with the leaf gauge.

15 MIN TEA BREAK

6. SDS concept in multidisciplinary treatment (LUKASZ)

11:00-12:30

SDS Concept

How can we simply determine correct Vertical Dimension of Occlusion on the basis of Smile Design and knowledge of a space required for specific materials.

Treatment planning in severe attrition and gummy smile.

Cooperation between prosthodontist and orthodontist in cases with deep bite and gummy smile.

Orthodontic pre -treatment in class 3 patients who require full mouth reconstruction.

What the guidelines and professional ethics say in relation to the current state of scientific knowledge.

12:30-13:30 lunch

7. Leaf gauge workshop (LUKASZ).

13:30 - 14:30

8. Management modalities for TMJ disorders: (DAVIS)

14:30 - 17:00

Splints

15 MIN TEA BREAK

Trigger point injections Physical therapy Pharmacological management.

9. Q&A session

17:00-18:00

Day 3

10. Holistic approach - what should we know to avoid troubles (Lukasz) 9:00 - 10:30

Rare and idiopathic conditions in a dental office - what have we learned ?
How to recognize what caused the destruction of teeth?
The influence of cervical vertebrae (C1-C2), tongue, body posture and sleep apnea on joint and bite disorders - a curiosity or a standard of treatment? Controversies in the world of science.
Sleep apnea and dental treatment- How to diagnose OSA with polygraph and drug induce sleep endoscopy? Is increasing VOD detrimental for apnea? Modern approach to OSA treatment in dental profession.
Adaptation - what is it, what are its effects, how to recognize if the patient is already adapted and how to treat in cases of aesthetic and functional reconstructions.

11. Vertical Occlusal Dimension mythology and severe attrition treatment. (Lukasz) 11:00 - 12:30

Vertical occlusal dimension - what are the limitations ? Should we be „that” precise ? Bite registration in severe wear cases
What is the ferule effect and which part of the tooth is the most important? Biomechanics of damaged teeth

What type of crown-root post to choose? Standard, fiberglass or cast post? Shoulderless preparation. Why ? How ? When ?

12:30-13:30 lunch

12. Algorithms and decision tree for full mouth reconstruction. (Lukasz) 13:30-15:00

When not to change the existing bite?
When should we choose a tool to make bite repeatable and easy to register ? Which tool should we choose ?
Step by stem journey throughout all the appointments and FMR algorithm

Video: step-by-step procedures from the first visit to cementation

13. DISCUSSION LUKASZ & DAVIS 15:00-16:00

PHOTOS & CERTIFICATES

16:00-17:00

