

FMR & TMD Beyond the Teeth

Full mouth reconstruction and
temporomandibular disorders

Łukasz Lassmann

LASSMANN EDUCATION



BEFORE THE COURSE

Pre-recorded webinars

Available two months before the course

- 01 Centric Relation - Total WAR
- 02 Radiology in TMD - The Basics
- 03 The Articular Disc - A Bipolar "No Friend"

Two online courses included

MiniFMR and TMD Map of Pain and Examination

Day 1

Orofacial pain and occlusal principles

MORNING SESSIONS

09:30-11:15

Understanding orofacial pain and the TMJ

- What should a prosthodontist know about pain? Diagnosing orofacial pain, assessing whether it is treatable, and distinguishing its source from its location.
- How to take a history from a patient with pain.
- Disc pathology: differential diagnosis and indications for intervention.
- Differentiating locking of muscular and articular origin.
- The synovial pain map of the temporomandibular joint.
- Radiological findings in temporomandibular joint disorders.

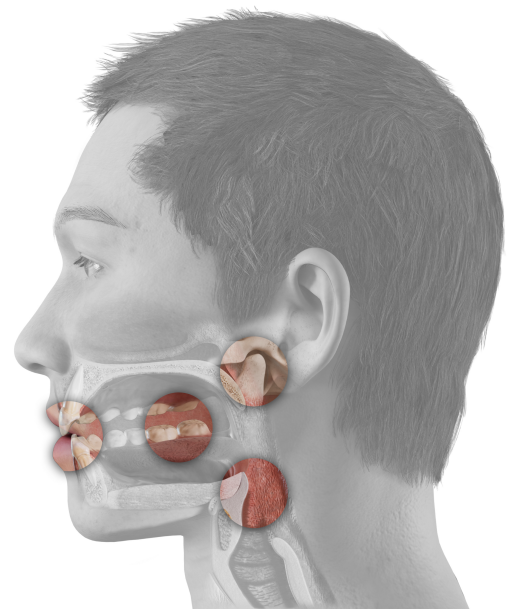
11:30-13:00

The SDS concept

- What is the SDS concept?
- Management of TMJ space.
- Centric relation: controversies in diagnosis and treatment.
- Minimum space requirements for ceramic restorations and smile design.
- How to begin treatment planning in cases of severe tooth wear.
- Leaf gauge versus digital axiography.
- The 18 mm rule in severe tooth wear.
- A simple method for determining and recording the precise occlusal vertical dimension intraorally.

13:00-14:00

Lunch



Day 1

Orofacial pain and occlusal principles

AFTERNOON SESSIONS

14:00-15:00

Examination of muscles and joints



Muscle examination



Temporomandibular joint examination

15:00-16:30

Occlusal philosophies and their common principles

- How have occlusal philosophies evolved in their approach to tooth guidance and its effects on bruxism and TMD?
- Improper occlusion and TMD: correlation or causation?
- Are fully adjustable articulators and a facebow necessary for successful prosthetic reconstruction?
- Finding common principles among different occlusal philosophies.
- The limitations of articulators: can we design a prosthetic reconstruction that never requires occlusal adjustment?

16:30-17:00

Discussion

Day 2

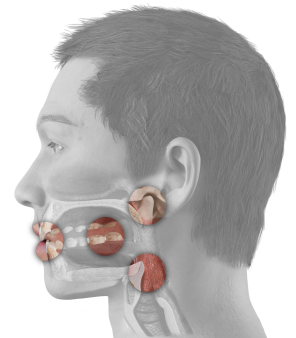
Treatment planning and bite registration

MORNING SESSIONS

09:00-10:30

The SDS concept in multidisciplinary treatment

- Determining the correct occlusal vertical dimension using smile design and the space requirements of specific restorative materials.
- Treatment planning for severe attrition and a gummy smile.
- Collaboration between prosthodontists and orthodontists in cases of deep bite and a gummy smile.
- Orthodontic pretreatment for Class III patients requiring full mouth reconstruction.



11:00-12:30

Bite registration made easy

- The leaf gauge: what it is, when to use it and when to avoid it.
- Practical tips for using a leaf gauge.
- Demonstration of leaf gauge use.

Practical workshop: leaf gauge



Practical workshop - leaf gauge

12:30-13:30

Lunch

Day 2

Treatment planning and bite registration

AFTERNOON SESSIONS

13:30-15:00

Bite registration with deprogrammers and manipulation

- Deprogramming: necessary to achieve centric relation or pseudoscience?
- The Kois deprogrammer: determining platform height.
- The Lucia jig: when, why and how.
- Bite registration using a deprogrammer.
- The incisal pin and the LIP technique.
- Dawson's manipulation: when, why and how.
- How to verify the accuracy of bite registration.
- Findings from the latest research: which position is appropriate for bite registration?

15:30-17:00

Occlusal vertical dimension and severe tooth wear

- Myths about the occlusal vertical dimension: limitations and the degree of precision required.
- Five red flags when increasing the occlusal vertical dimension.
- Bite registration in cases of severe tooth wear.
- Clinical cases of severe tooth wear.
- The ferrule effect: what it is and which part of the tooth matters most.
- The biomechanics of damaged teeth.
- Choosing a post: prefabricated, glass fibre or cast.
- Shoulderless preparation: why, how and when.



Severe tooth wear - before and after treatment

Day 3

Equilibration and full mouth reconstruction

CLINICAL WORKFLOWS

09:00-11:00

Achieving an optimal bite for the patient

- Occlusal equilibration: what it is, when it is indicated and when it is contraindicated. P1, P2 and P3.
- Differences between equilibration in maximum intercuspation (MIP) and centric relation (CR).
- Electronic occlusal analysers: T-Scan and OccluSense.
- When to perform equilibration and when to increase the occlusal vertical dimension.
- Equilibration of interferences during chewing.
- Static and dynamic equilibration: a step-by-step video.
- Occlusion on implants.

11:30-13:00

Splints and decision making in full mouth reconstruction

- When should the existing bite be maintained?
- When is a tool needed to make the bite repeatable and easy to record, and which tool should be chosen?
- Night guards and splints: indications, materials and bite registration.
- Contacts and guidance on an appliance: delivery and relining.
- A step-by-step guide through all appointments and the full mouth reconstruction algorithm.

Video: [step-by-step procedures from the first visit to cementation](#)

13:00-14:00

Lunch

14:00-15:00

Discussion, summary and certificates