



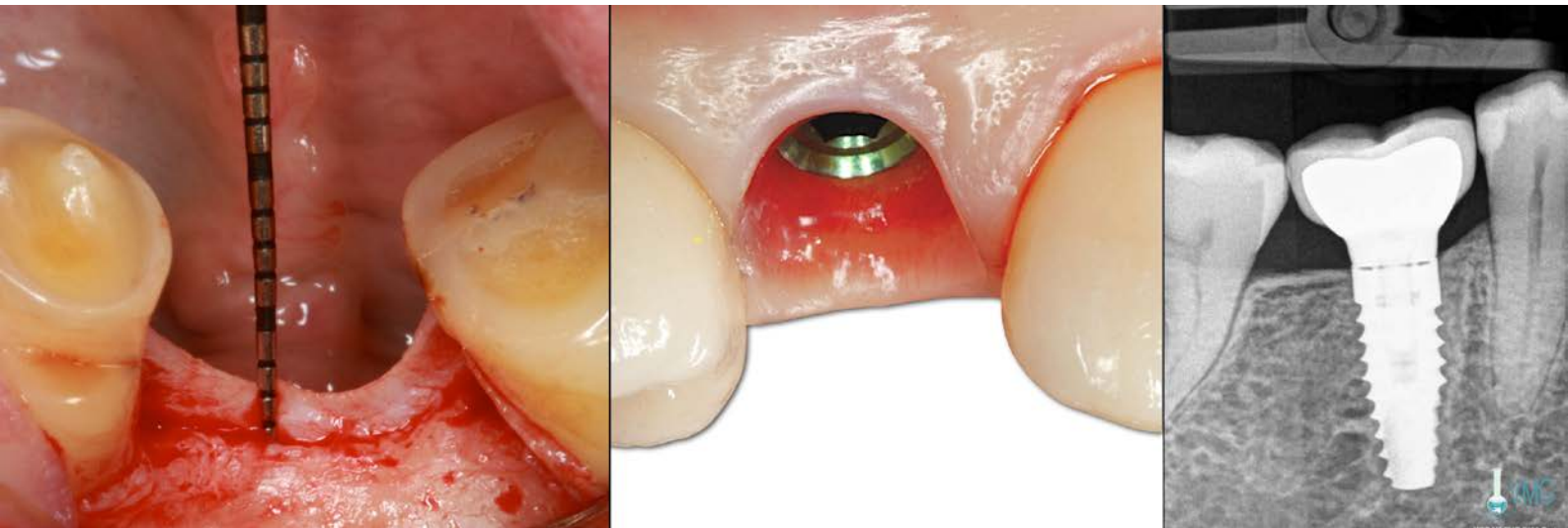
Clinical practice



Research center

## Zero bone loss concepts

*The development and maintenance of crestal bone stability  
Evidence-based 2-day theoretical and practical course*



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International lecturer and researcher  
Member of EAO Consensus group  
Osteology council member*

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**Dear Colleague,**

It is my pleasure to invite you to 2-day course with hands-on to learn “Zero bone loss concepts”. It is a truly unique evidence –based collection of surgical and prosthetic protocols, completely backed by 17 published articles in international journals. Clinical skills with scientific background – it’s the best combination, leading to a successful implant treatment.



**Course Objective**

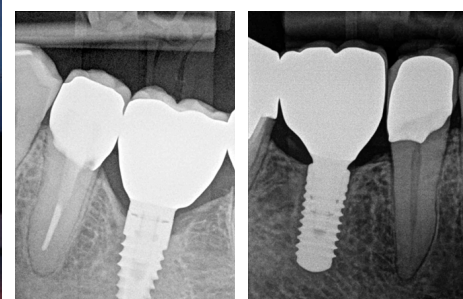
The main objective of the course is to learn how to develop and maintain crestal bone stability around implants. Surgical part will focus on importance of vertical and horizontal soft tissue thickness on the outcome of the treatment. Participants will learn how to increase vertical soft tissue thickness by 4 novel methods.

Practical part will focus on using membranes to augment vertical soft tissues on animal models, special suturing techniques, designed for this purpose.

Prosthetic part will focus on implementing special impression method, designed by Dr. Tomas Linkevičius for deeply positioned implants.

Each participant will receive full set of “Zero bone loss concepts” articles, published by Dr. Tomas Linkevičius and co-authors.

Dr. Tomas Linkevičius



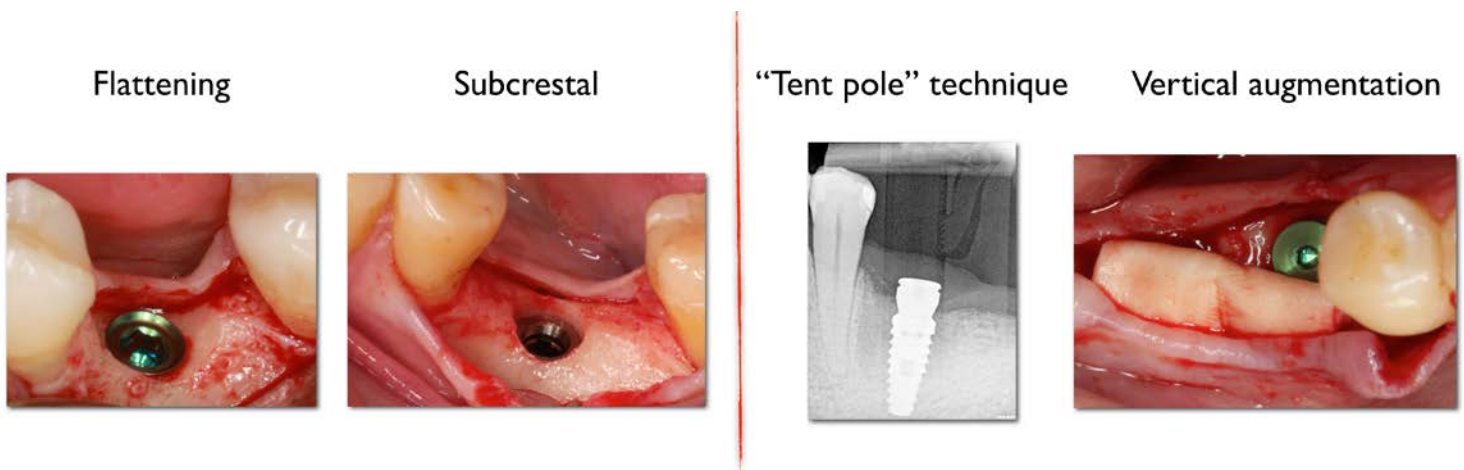
# Part I. Development of crestal bone stability.

## Vertical soft tissue thickness effects on the Crestal Bone Stability. Vertical soft tissue augmentation

Vertical soft peri-implant tissue thickness was shown to be a decisive factor in crestal bone stability. Therefore we need to know the answer to the question “What to do?”, when faced by thin biotype.

### Participants will know:

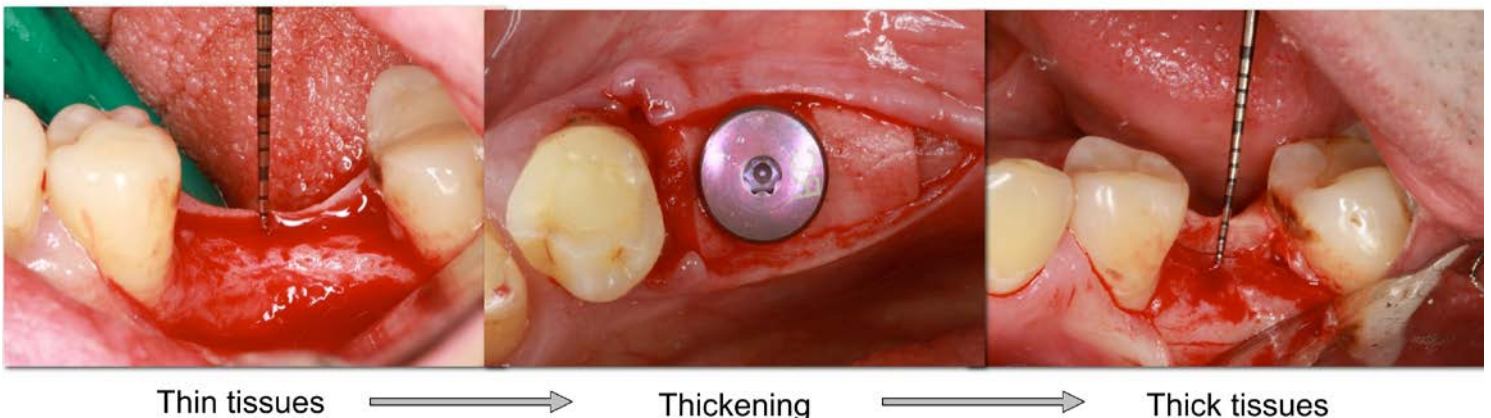
- The influence of thin and thick tissues on bone condition
- How to diagnose thin vertical tissues
- Implant placement depth depending on implant/abutment connection type
- Selection of materials for vertical augmentation
- How to increase vertical thickness with allogenic membrane?
- Reduce the bone to... save the bone
- “Tent pole” technique to increase crestal bone stability...and many more.



### Hands-ons.

#### Participants will learn different methods to make thin tissues thicker.

1. Incision and flap release for vertical soft tissue augmentation
2. Preparation of the membrane
3. Positioning and suturing of the membrane for vertical augmentation
4. Use of “tent pole” technique



# Part II. Maintenance of crestal bone stability

## Prosthetic factors.

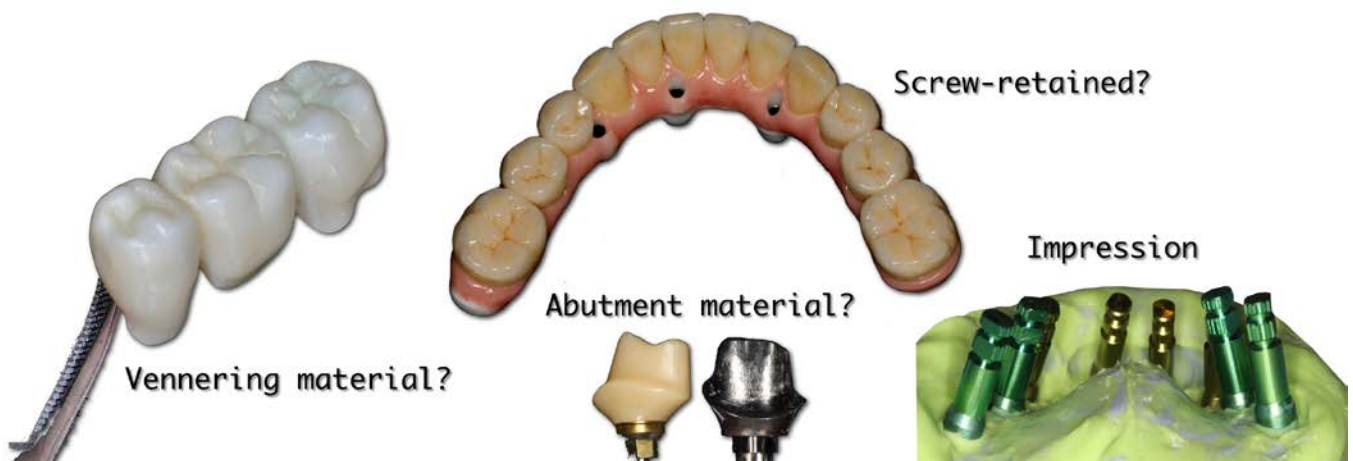
It is important to preserve bone levels after prosthetic treatment. Recent research has proved the selection of screw-retained  $Zr_2O$  restorations with polished subgingival parts can maintain the status achieved by surgical part.

### Participants will know:

- How to select cemented or screw-retained restorations
- The safe cementation without cement excess
- Easy construction of cement-screw retained restorations, using Ti bases
- Cement excess – new plague of the implants?
- The effect of zirconium on peri-implant soft tissues
- Adherence zone and plaque zone. What is the difference?
- Supragingival prosthetic material – which one to select ... ..and many more.

### Hands-ons.

Participants will learn how to take a difficult open tray impression, when tissues are very thick and implant is positioned deep under the gingiva.



### Contact information:

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Detailed program - 