



INVITATION

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Tomas Linkevičius' MasterClass
Zero Bone Loss Concepts

Zero Bone Loss Concepts

Mucosal tissue thickness was shown to be the factor having impact on crestal bone stability. Even platform switching of the implant-abutment connection does not reduce crestal bone loss, if soft tissues at the implant placement are thin.

It is suggested that thin tissues might be thickened during implant placement, thus reducing bone resorption. If bone height is not sufficient, vertical augmentation of the soft tissue is recommended with different materials - autograft, a xenograft or a dermis-derived allograft.

Further, it is important to preserve bone levels after prosthetic treatment. Recent research has proved that the deeper the position of the margin, the greater amount of residual cement is left undetected. The relation between position of cement excess in the peri-implant sulcus, periodontal status of the patient and severity of peri-implant disease is explained. To avoid cement excess, finished implant restoration with occlusal opening is cemented on titanium base in laboratory and restoration is attached to the implant by an abutment screw. Zirconium as a material is considered the best for peri-implant soft tissues. However, it's evident that it must be treated in special manner and polished.

You will learn:

- ✓ To know the influence of vertical soft tissue thickness on crestal bone stability and be able to diagnose this condition
- ✓ How to augment vertical soft tissues with soft tissue grafts
- ✓ Subcrestal implant placement
- ✓ Why polished zirconia is the best option for tissues
- ✓ How titanium base height is important to crestal bone stability
- ✓ How to avoid cement-related peri-implantitis



Prof. Tomas Linkevičius

Prof. Tomas Linkevičius has received DDS degree in 2000 in Kaunas University, Lithuania. In 2004 he finished post-graduate program in prosthodontics in Vilnius University. In 2009 he has defended theses "The influence of mucosal tissue thickness on crestal bone stability around dental implants" and received PhD degree in Riga Stradins University, Latvia.

Currently, Tomas Linkevičius serves as Professor in Institute of Odontology, Vilnius University. He also works in a private practice "Vilnius Implantology Center" and is a founder of private research center "Vilnius Research Group". He is the author and co-author of many articles in international journals, indexed in PubMed.

Prof. Tomas Linkevičius lectures internationally and conducts extensive research in implant dentistry. He holds the patent for several inventions in implant prosthodontics. He is the creator of Zero Bone Loss Concepts and author of the bestseller of the same name.

He is a member of European Association for Osseointegration (EAO) and is active in national organizations. In 2009 he has received National Lithuanian Young Scientist Award.

In 2012 he was participant of the 3rd EAO Consensus meeting in Pfaffikon, Switzerland.

FULL PROGRAM

9.00 – 13.00 ¹ **DEVELOPMENT OF CRESTAL BONE STABILITY. SURGICAL PART**

Influence of vertical soft tissues on crestal bone stability. Does platform switch save the bone?

Influence of implant placement depth on crestal bone stability.

What is the importance of implant-abutment connection stability?

Bone remineralization and corticalisation processes in thick tissues.

What is the role of bone in "Zero bone loss concepts"?

Four novel methods to increase vertical soft tissue thickness

- a.) Subcrestal implant placement
- b.) Flattening of the alveolar bone
- c.) "Tent pole" technique
- d.) Vertical soft tissue thickening

13.00 – 14.00 ¹ **LUNCH**


14.00 – 17.00 ¹ **MAINTENANCE OF CRESTAL BONE STABILITY. PROSTHETIC PART**

How to control cement remnants after cementation. Supragingival margins and individual abutments. Use of rubber-dam for cement prevention. Relation between cement and peri-implant disease. Screw-retained restorations. Use of Ti-base for fabrication of restorations.

Subgingival prosthetic materials. Zirconia, titanium, ceramics - which is better.

Use of ultra-polished zirconia for implant restorations. Composition of peri-implant soft tissues.

Supragingival materials. Ceramics, e.max, monolithic Zr - where to use and why?

Location	Inside Oisterwijk Heusdensebaan 48 Oisterwijk
Date	November 20th 2021
Level	Medium
Cost	800 euro
Accreditation	MegaGen applied for KRT points 

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