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Bone & Soft Tissue

SYMPOSIUM

Implant restoration in complex cases: Clinical protocols, tips and tricks for atrophic ridge management

Dr Mario Beretta

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Implant restoration in complex cases: Clinical protocols, tips and tricks for atrophic ridge management

Managing severe bone atrophy is one of the major challenges of treating edentulous patients. Selecting the most appropriate surgical technique and biomaterials is key to achieving a predictable, functional and aesthetic outcome.

This lecture will describe the application of guided bone regeneration (GBR) in 3D reconstruction for both vertical and horizontal ridge augmentation in the mandible and maxilla. In cases of maxillary bone resorption, there may be insufficient alveolar ridge for implant placement. The course will cover the use of anorganic bovine bone (**Geistlich Bio-Oss®**) as well as resorbable membranes (**Geistlich Bio-Gide®**) for both horizontal augmentation and sinus lift procedures.

Another key factor in obtaining excellent clinical results in the surgical procedure is soft tissue management. Current concepts for augmenting soft tissue volume in a vertical and/or buccal direction are based on using autologous tissue, usually harvested from the palatal area.

However, though their effectiveness, safety and long-term stability is well-documented in dentistry, autologous tissue grafts have certain limitations, including: varying availability and thickness of the donor tissue; limited length and thickness depending on the anatomy; and pain and numbness at the donor site.

To overcome these issues, recent research has focused on developing new graft substitutes which provide both volume stability over time and favourable biological behaviour that allows normal modelling and remodelling. Accordingly, this presentation will introduce a new volume-stable collagen matrix, which has been found to be a viable alternative to autologous grafts based on numerous in vitro, preclinical and clinical models.

Finally, the lecture will cover the surgical protocol in peri-implant soft tissue management and periodontal plastic surgery.

Course outline

- Horizontal and vertical bone augmentation: surgical technique, biomaterials and complication management
- Aesthetic treatment in cases with severe bone atrophy
- Soft tissue grafting: autologous or substitutes

Selecting the most appropriate surgical technique and biomaterials is key to achieving a predictable, functional and aesthetic outcome.

Dr Mario Beretta

DDS, MSc, PhD

Dr Mario Beretta is Clinical Assistant Professor in Oral Surgery at the University of Milan and works as a visiting professor in the Master's Programme in Complex Oral Rehabilitation at the University of Catania as well as the Master's Programme in Implant Dentistry at the University of Naples Federico II.

Dr Beretta is President of the Italian Camlog Academy and an active member of the European Association for Osseointegration (EAO) as well as the Italian Academy of Osseointegration (IAO). He is a reviewer for the *Journal of Clinical Periodontology* and has authored or co-authored four textbooks and more than 50 publications on topics in implantology, osseointegration and biomaterials. He lectures frequently at universities as well as national and international congresses.

Kurssitiedot

AIKA:

Perjantai 5.11.2021 klo 11.30–19.00

PAIKKA:

Clarion Helsinki, Tyynenmerenkatu 2, Helsinki

HINTA:

Early bird -hinta 5.8.2021 saakka 260 EUR
Normaalihinta 6.8.2021 alkaen 300 EUR
Hinta erikoistuville 260 EUR

KURSSIN KIELI:

Englanti

OHJELMA:

11.30–12.00	Ilmoittautuminen, kahvitarjoilu ja pientä purtavaa
12.00–13.30	Luento
13.30–14.15	Kahvitauko ja näyttely
14.15–15.45	Luento
15.45–16.00	Virvokkeita
16.00–17.00	Luento
17.00–19.00	Cocktail-tilaisuus

Allergiatalon 2. kerroksen kahvilasta on mahdollista ostaa lounas ennen tapahtuman alkua. Lounas on omakustanteinen.

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Tervetuloa!

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