

Saturday, March 4, 2023, 15h30

Titel of the session: **Management of complex perio/ortho/implant cases: How far can we go?**



Moderator: **Katrien Vermynen** (her CV can be found under her profile in the app)

### **Abstract**

Periodontal compromised patients often present proinclination, irregular interdental spacing, rotation, diastema, migration, and extrusion of one or more teeth. Interdisciplinary therapy is essential in the rehabilitation of patients with complex periodontal sequelae. Enhancing and preserving the optimal periodontal architecture requires interdisciplinary therapy by using orthodontic, periodontal and prosthodontic treatments. When periodontitis has already caused extensive bone resorption, the dentist faces the dilemma of when therapy is appropriate to maintain the tooth or removal and replacement with an implant should be preferred. As utilization of dental implants continues to rise, so does the incidence of complications.



**Ernesto Lee** (his CV can be found under his profile in the app) presents “**Complex rehabilitation: Perio-ortho-pros including minimally invasive bone regeneration**” will demonstrate the integration of adjunctive orthodontic therapy, minimally invasive bone grafting, and traditional Periodontal Prosthesis principles to enhance and preserve the periodontal architecture, leading to more esthetic outcomes.



Then, **Mario Rocuzzo** (his CV can be found under his profile in the app) will show a “**Comprehensive management of severe periodontal cases**” is based on (a) Accurate diagnosis (b) Patient preparation (c) Truthful evaluation of pros and cons, (d) Close collaboration among operators, and (e) Post-operative care and long-term maintenance.



**Martin Biosse Duplan** (his CV can be found under his profile in the app) will show a *clinical case* of a young patient presenting infraclusion of the central incisor with root resorption and ankylosis due to a childhood trauma. The step-by-step will demonstrate the best timing between ortho-perio and implant therapies.

**Aims:**

1. Identify periodontitis cases where regeneration is indicated;
2. Learn the steps for a comprehensive treatment;
3. Learn how a good interdisciplinary therapy is essential in the rehabilitation of patients with complex periodontal sequelae and in improving aesthetic outcomes
4. Understand when is the best timing for successful tooth replacement by implant during the overall treatment plan

**Key points:**

- Soft and hard tissue should be restored
- Tooth position should be corrected
- Comprehensive management is based on truthful evaluation of pro's and con's
- Obligation of a close cooperation between operators
- Necessity of post operative care and maintenance