Orthognathic Surgery IPS (Individual Patient Solution) CaseDesigner Course

Course in English

with Prof. Dr. Gwen Swennen (Cranio-Maxillo-Facial Surgeon, Bruges, Belgium)

21/06/19 Hotel Petit Palace Alfonso XII Madrid
Prof. Dr. Gwen Swennen
(Cranio-Maxillo-Facial Surgeon, Bruges, Belgium)

• Medical Degree. University of Antwerp (Belgium)
• Dental Degree. University of Brussels (Belgium)
• Training in Cranio-Maxillo-Facial Surgery, Plastic Reconstructive and Aesthetic Surgery in Hannover (Germany) and Brussels (Belgium)
• Certificate in Maxillofacial Surgery. Hannover Medical School
• Certificate in Plastic and Aesthetic Surgery. Hannover Medical School
• PhD Degree. Hannover Medical School
• Professor and consultant in Maxillofacial and Plastic Surgeon. Maxillo-Facial Surgery Department. General Hospital St John and at the Cleft & Craniofacial Centre, Bruges (Belgium)
• Private practice in Cosmetic Facial Surgery. Clinic Tilleghem, Bruges (Belgium)
Registration

10:00 - 11:30  
Imaging workflow  
- Imaging workflow from DICOM / STL data towards a 3D virtual articulator of the patient  
- Setting up the PHP (Planning Head Position) based on the clinical NHP (Natural Head Position)  
- Scanning protocols for non-segmental and segmental occlusal definition  
- Discussion

11:30 - 13:30  
3D Virtual diagnostics and osteotomies  
- Virtual diagnostics including customized and user-friendly 3D cephalometric analysis  
- Creating virtual customized non-segmental and segmental osteotomies  
- “Pitch Roll Yaw” and 3D translational movements with simultaneous soft tissue simulation  
- Discussion

Brunch

13:30 - 14:30  

14:30 - 16:00  
3D virtual treatment planning  
- Clinical driven “Step-by-Step” Individualized 3D Virtual Treatment Planning using “the 10 Steps”  
- Planning several cases  
- Discussion

16:00 - 18:00  
Transfer of the 3D virtual treatment plan  
- Creating virtual splints (“maxilla first” or “mandible first”)  
- IPS Gate the online communication platform (virtual splints vs. Patient Specific Implants)  
- Planning several cases (continued)  
- Discussion

18:00 - 18:30  
Final remarks
FEES

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<td>Until 31 May 2019</td>
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<td>450€</td>
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VENUE

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Technical Secretariat

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