

How to integrate 3D virtual planning of orthognathic surgery in the daily clinical routine

G.R.J. Swennen

Division of Maxillo-Facial Surgery, Dept of Surgery, GH St-John, Bruges-Ostend

In this masterclass, a “step-by-step” individualized and integrated 3D virtual treatment planning concept will be presented that provides the clinician a manner to integrate 3D virtual planning of orthognathic surgery in daily clinical routine.

Evidence-based data regarding the timing of the different 3D “Virtual Planning Steps (VPS)” will be provided based on a prospective study (n=350) that shows that 3D virtual planning of orthognathic surgery can be performed in a clinical acceptable time frame.

Moreover, a new 3D software platform, “IPS CaseDesigner” will be introduced and presented that was developed in close collaboration with the author based on his personal experience having been involved in more than 2700 clinical cases of 3D virtual planning of orthognathic surgery since 20 years.

Reference:

3D Virtual Treatment Planning of Orthognathic Surgery. For Orthodontists and Surgeons. A Color Atlas and Manual. G.R.J. Swennen. Springer 2016 in press.