

Orthognathic Surgery using Clear Aligners orthodontics treatments: which protocol?

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The use of CBCT in orthodontics has remarkably improved diagnosis, treatment planning and assessment of results. The combination of CBCT and CAD/CAM technology according of Delaire analysis has shown successful outcomes regarding orthognathic surgery simulation and surgical splint fabrication. The use of outcome simulator and the ClinCheck of Invisalign® allows the visualization of the expected dental results and the elimination of dental interferences since the beginning of treatment, reducing treatment time.

The surgery first approach significantly shortens total treatment time and is very favorably valued by patients and orthodontists. Nevertheless, careful patient selection, precise treatment planning, and fluent bidirectional feedback between the surgeon and the orthodontist are mandatory

During this presentation several cases will be presented in order to compare the treatment duration and outcome quality for patients who were prepared by using Invisalign® aligners when the surgery was planned conventionally versus when planned with the combination of CBCT, CAD/CAM, iTero® and the 3D Surgery software.

Competing Interests :

1. Speaker contract with Align technology
2. Shareholder JDEL Company