

DENTISTRY

3D dental implant planning

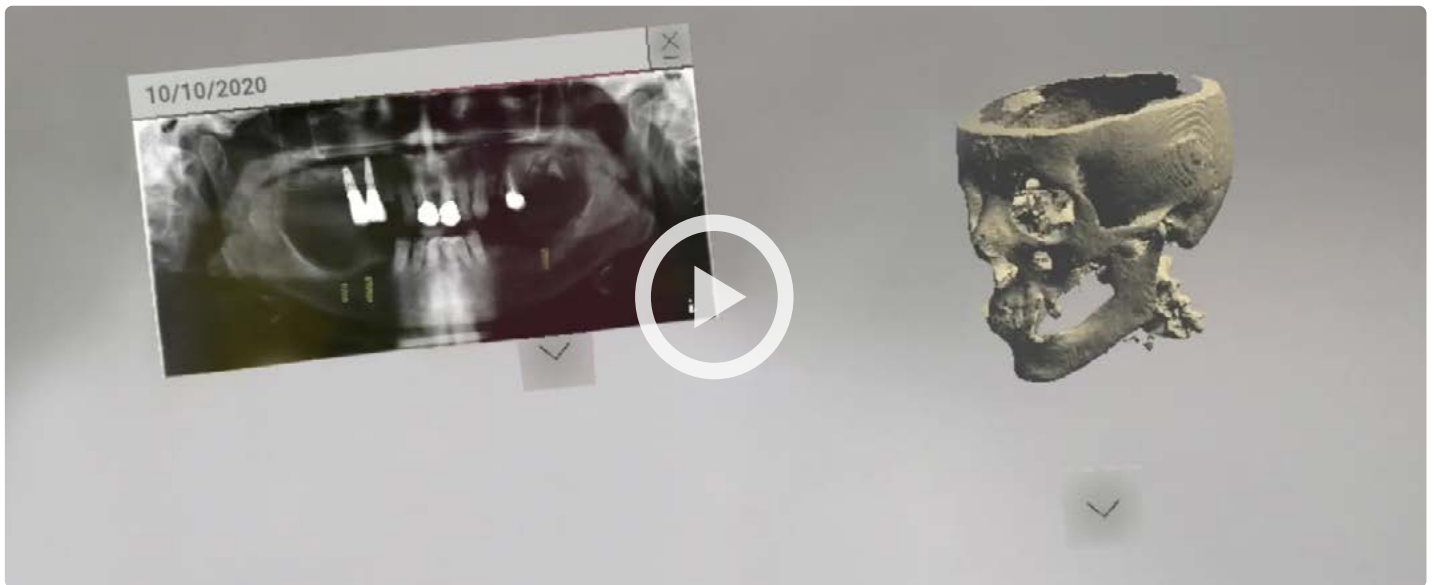


Figure 1: Visualization of patient planning in VSI HoloMedicine®

Case description: In my dental practice in Antwerp, we visualize dental implant planning using the VSI HoloMedicine® application VSI. All relevant files including medical images of the patient are displayed clearly and at a glance as holograms through the HoloLens mixed reality glasses. The required information and images - **CBCT, OPG, MRI, CT, JPEG, PDF** and others - can be opened at the same time and freely positioned in space. The three-dimensional display of the individual images and their merging enable us to perform comprehensive **3D dental implant planning**. This allows dental treatment to be carried out without having to search for medical images, analyses, STLs, etc. If necessary, comments can be added using a dictation function.

Benefits:

- Faster and safer operation planning
- Display bone structures in true 3D and observe from all various angles
- Improved, more precise orientation for implant insertion

„Since I use VSI HoloMedicine®, I have discovered total freedom of movement.“

Dr. Dirk Neefs
MSD oral surgeon
Antwerp. Belgium

