SIMPLANT®—the key to unlocking digital potential

As part of the DENTSPLY Implants Digital Solutions offering, SIMPLANT delivers predictable 3D implant treatment solutions—enabling outstanding prosthetic results as planned.

From dental scanning and planning, to drilling and implant placement, to Immediate Smile temporary restorations delivered prior to surgery, SIMPLANT offers clinicians a comprehensive 3D system for predictable implant treatment.

The SIMPLANT Guide forms the link between the digital treatment plan in SIMPLANT and the surgery. Precise planning and implant placement enables minimal invasive treatment, as well as reduced chair time. Moreover, it gives confidence to both clinician and patient and it brings surgery and restoration to a new level: The patient can be treated in one single treatment session and leave with an expertly planned temporary restoration.

SIMPLANT solutions are cost-effective, user-friendly and uniquely compatible with the brands and equipment that clinicians already know and use. SIMPLANT computer guided implant treatment is compatible with over 10,000 implants from more than 100 brands, as well as all DICOM compatible (CB) CT scanners and major optical and intraoral scanners.
Plan for predictability

When CBCT examination is combined with a restorative driven implant plan in SIMPLANT, a custom-made stereolithographic drill guide can be fabricated accurately. The result is a well-planned surgical procedure that reflects the desired functional and esthetic outcome—making the treatment predictable for clinician and patient.

With SIMPLANT, you can create a 3D implant plan that considers both surgical and prosthetic aspects, including:

• Evaluation of the clinical situation from the anatomical information in the (CB)CT scan, such as bone volume and quality, neighboring teeth, the alveolar nerve, and sinuses

• Assessment of the soft tissue thickness from the stone model

• Virtual planning of the implants based on the clinical situation

• Precise transfer of the digital plan to surgery utilizing a SIMPLANT Guide

Assess the end result from the included wax-up or the digital tooth set-up
Time saving and high patient comfort

With the Immediate Smile concept, a temporary restoration can be delivered prior to surgery. The temporary restoration is used together with a SIMPLANT Guide in one single appointment. Patients can leave the surgery with new teeth and a beautiful smile—an Immediate Smile.

Immediate Smile solutions are delivered as a physical printed model, a ready-to-use PMMA-milled bridge or a digital set of files. Using the printed model or the digital set of files in 3rd party CAD software, the desired temporary restoration can be created at the dental laboratory.

Following this integrated digital workflow, clinics and laboratories take advantage of significant postsurgical time savings to deliver immediate prosthetics. To the patient, this means time saved and high comfort, as the surgery and the temporization take place in a single visit.