

All-on-4™ – digital treatment planning and guided surgery with NobelGuide™.

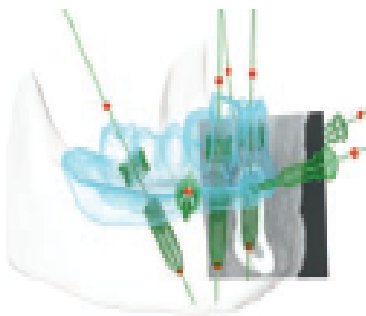


Existing prosthesis can be modified directly into a radiographic guide

NobelGuide is the ideal treatment concept for All-on-4, because it optimizes implant placement by means of 3D diagnostics, digital treatment planning and guided surgery with a surgical template.

Accurate diagnostics and prosthetic-driven planning

Based on 3D (CB) CT diagnostic imaging of the patient and a radiographic guide, virtual implant placement following prosthetic-driven planning can be performed within the NobelGuide Software, ensuring high diagnostic accuracy and safe and predictable implant placement.



Digital prosthetic-driven planning in NobelGuide Software

Safe and predictable implant placement

After planning the case in NobelGuide Software, a ready-to-use surgical template, together with all necessary implants, abutments and surgical instruments, can be ordered online in a single order. The surgical template enables guided implant site preparation and precise and efficient implant insertion, which minimizes patient pain and swelling.

Prefabrication of provisional prosthesis before surgery

The surgical template can be used to create a stone model with implant replicas already in place before surgery. This enables the dental technician to produce the provisional prosthesis and the abutment placement jig in advance, so that the clinician can finalize the prosthesis and mount it on the implants right after surgery.

With the combination of the 3D radiological dataset and 3D models of bone and radiographic guide, dental professionals can evaluate bone quantity and quality, mark vital anatomical structures such as the alveolar nerve and the maxillary sinus, and position the implants according to prosthetic needs. Through controlled and customizable angulation of the dental reslice planes in the split-screen view of the software, the tilted posterior implants are also ideally positioned.



Guided Implant Insertion with ready-to-use surgical template