TempShell provisional with collaborative workflow
Quick guide

The quick guide does not replace the Instructions for Use.
Please review the Instructions for Use before using the products.
This workflow has been designed for single-unit or small partial cases.

1 (CB)CT acquisition

Separate the jaws slightly using a wax plate or wooden spatula, taking care not to distort the facial anatomy. Take a (CB)CT scan of the patient. The recommended resolution and related voxel size is a maximum of 0.5 mm in all directions, typically 0.3 mm.

(CB)CT scanner

2 Impression taking: Intraoral scans

Take intraoral scans of your patient: the upper and lower jaw scans and the bite registration.

Please follow the manufacturer's instructions. Most often the manufacturer will suggest that the direction of scanning should be from posterior to anterior. Intraoral conditions such as saliva, blood, tongue movement and limited oral space can contribute to a scanning inaccuracy.

Intraoral scanner

Impression taking: Conventional workflow

1. Take an impression
2. Pour a dental cast
3. Optional: Create a dental diagnostic wax-up
4. Digitize this information using a desktop scanner

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For more information see the NobelGuide concept manual.
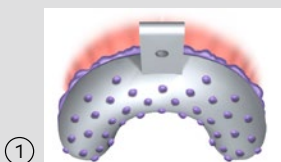
Visualization of the data acquired with an intraoral scanner

Nobel Biocare™

3 Treatment planning in DTX Studio™ Implant software.

SmartFusion – Combine (CB)CT data with stl, ply or nxa files from an intraoral or desktop scanner for detailed visualization of the anatomical situation. Check that the alignment is correct.

SmartSetup – Immediately get a digital wax-up which is calculated based on the patient's dentition.

Implant planning – Create a prosthetic-driven implant treatment plan.

Surgical guide – After finalizing the plan, create a virtual surgical template to be produced by Nobel Biocare.

Dental lab

4 Design of the provisional in DTX Studio™ Lab software

Adjust teeth design received from DTX Studio™ Implant. Collaborate with the clinician to agree upon final implant positions and teeth design.

Dental lab

5 Digital TempShell

Automatically generate the stl file of the provisional restoration. Export the stl file and produce the provisional in-lab.

Note: The dental laboratory is responsible for choosing the material and the production method of the TempShell.

6 Immediate loading

On the day of surgery, convert the TempShell into an individualized provisional restoration using Nobel Biocare's standard temporary abutments.

DTX Studio™ Implant

Instantly share the data through DTX Studio™ GO with a lab that uses DTX Studio™ design software.

DTX Studio™ Lab software

TempShell provisional

TempShell with Temporary Snap Abutment and Nobel Biocare implant

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