Digital precision for all indications
NobelGuide®
NobelGuide is a complete treatment concept for diagnostics, treatment planning and guided implant surgery – from a single missing tooth to an edentulous jaw.

In the 10 years since its launch, more than 40 publications have assessed the clinical application of NobelGuide, reporting on its use with over 5900 Nobel Biocare implants in more than 950 patients.

**Key findings of the clinical studies are:**
- Higher accuracy and predictability of implant positions, in comparison with freehand surgery.\(^1\)
- Excellent cumulative implant survival rates (CSR) of 96.8% weighted mean in 38 studies with guided surgery technique in up to seven years of follow-up.\(^2\)
- Significantly lower swelling, edema and pain\(^3,4\) as well as use of analgesics\(^5,3,4\) with guided flapless surgery compared with freehand surgery.
- Very high subjective patient satisfaction\(^3,6,7\) and high average VAS: Visual Analogue Scale (1–100) scores of 99.2 regarding masticatory function and 98.1 for esthetics.\(^8\)

**For accurate implant placement**

**Powerful diagnostics and treatment planning**

Avoid surprises during the treatment process through careful diagnosis and treatment planning with the user-friendly NobelClinician Software. Safety margins and a warning system help to plan the safe placement of implants. Visualizing prosthetics from the start minimizes restorative challenges.

**High accuracy and predictability of implant positions\(^9, 10, 11, 12\)**

Using the custom-manufactured surgical templates turns your treatment plan into clinical reality. Choose between guided pilot drilling with the first drill or fully guided implant insertion. The latter leads to smaller deviations in entry point, orientation and depth compared with freehand placement.\(^1\) It is also proven to support precise implant placement in the planned position.\(^9, 10, 11, 12\)
Optimize your restorative outcome
Offer your patients optimized esthetics and function with a comprehensive range of prosthetic solutions. Our restorations demonstrate high precision of fit, mechanical stability and biocompatibility to provide years of safe and reliable function.

Enhanced patient satisfaction
Involve patients in the treatment planning with the NobelClinician Software and improve their understanding of the treatment plan. Interactive visual communication significantly increases patient satisfaction. Optimized visualization and treatment planning with 3D software may reduce the need for bone augmentation procedures and treating the patient with flapless surgery cause less pain and discomfort.

Rely on high quality templates that fit
Ensure the perfect fit. We develop and produce templates according to Medical Devices Quality Management ISO 13485 and ISO 10993. Our processes are regularly audited by the notified body BSI and inspected by the FDA. Plus, every template you design is manually checked before production and verified for quality afterwards. All this provides you with an exceptional product.

Further enhance the fit before designing a surgical template with our unique (CB)CT calibration procedure. It’s strongly recommended for the radiographic guide-based workflow.

Patients are more satisfied with the outcome of their treatment after a discussion using visual tools to review the pre- and post-operative clinical pictures, summarize the clinical steps and highlight the details of the restored region.
A seamless workflow for every case

Every case you have is different. That’s why NobelGuide offers you a choice of treatment workflows.

**Edentulous patients**

1. **Clinical diagnostics**
   - Examine the patient. Take an impression for study models and, later, the master cast.

2. **Diagnostic tooth setup and fabrication of radiographic guide**
   - Fabricate and clinically validate the diagnostic tooth setup. Transform the tooth setup into a radiographic guide – your prosthetic reference during planning.

3. **Digitization with (CB)CT scan**
   - Make a (CB)CT scan of the patient and the radiographic guide following the double-scan protocol.

4. **3D diagnostics, treatment planning and patient communication**
   - Define implant positions from a clinical, anatomical and prosthetic perspective by combining tooth setup with patient anatomy.

5. **Guided surgery**
   - Go for guided pilot drilling or fully guided drilling and guided implant insertion using a custom-manufactured NobelGuide surgical template based upon the treatment plan.

6. **Restoration**

**Partially edentulous patients**

1. **Clinical diagnostics and treatment acceptance**
   - Diagnose critical anatomical structures with the NobelClinician Software. Take a definitive impression. Obtain treatment acceptance before making further investments. A (CB)CT scan can be taken at the first visit with no need to use a radiographic guide.

2. **Digitizing prosthetic information**
   - Collaborate with your lab technician and capture the soft tissue using the NobelProcera 2G System’s precise model scan. Choose whether to include the diagnostic tooth setup.

3. **3D diagnostics, treatment planning and communication**
   - Visualize the patient’s (CB)CT data together with the intra-oral situation, including soft tissue and the diagnostic setup, when you use NobelClinician’s SmartFusion technology. Effectively communicate the treatment plan to your patients using the Communicator iPad app.

4. **Guided surgery**
   - Choose either guided pilot drilling or fully guided drilling and guided implant insertion using a custom-manufactured NobelGuide surgical template based on the treatment plan.

5. **Restoration**
Right from the start with guided pilot drilling

When there’s no room for error
Guided pilot drilling assists you in achieving the correct angulation, direction and depth of the first drill when placing implants in narrow spaces or close to the inferior alveolar nerve.

Your starting point for edentulous treatment
Confidently make use of all available bone and overcome challenges such as bone resorption. Avoid critical anatomical structures and place implants deeper using the sleeve-offset function. It supports bone reduction, allowing for the initial treatment plan to remain unchanged.
NobelGuide® for predictable outcomes

“Patients today are more esthetically demanding. Placement of implants using guided surgery is crucial to routinely achieve the necessary precision, resulting in treatment predictability. And for me: Predictability equals patient satisfaction.”

Clinical case
Twenty-year-old patient. Non-smoker, with no parafunctional habits. Patient presented with request for dental implant treatment subsequent to orthodontic therapy.

References