

*GRAND
POSSIBILITIES
WITH A LIMITLESS
SOLUTION.*

*NEODENT® GRAND MORSE™
GUIDED SURGERY.*



 **NEODENT**®
A Straumann Group Brand

 **GM** Grand Morse™
Connection

 **Helix**™
Implant

Differentiate your practice with guided surgery.

Patients' expectations regarding tooth replacement are increasing and are even higher when it comes to treatment duration and esthetic outcomes. Neodent® Guided Surgery helps clinicians provide prosthetically driven treatments, enabling them to perform immediate protocols with peace of mind, fulfilling patients' expectations.

Guided surgery is designed to:



Improve patient quality of life

- Functional with an immediate fixed restoration.
- Esthetically driven surgery capable of delivering a personalized restoration⁽¹⁾.
- Reduced chair time.

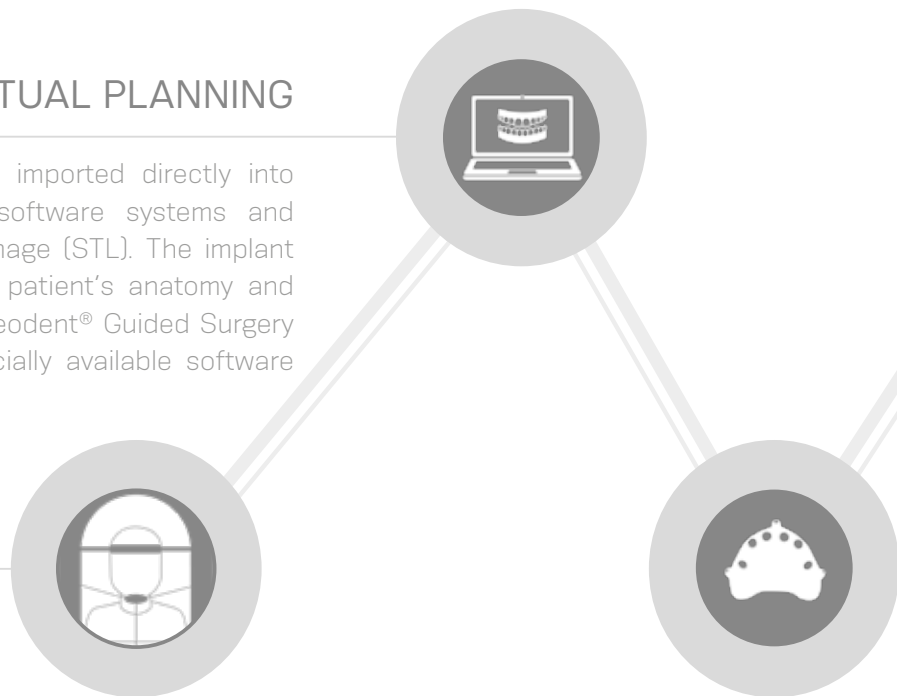
Surgical predictability and efficiency with a limitless solution.

2. VIRTUAL PLANNING

The 3D dataset (DICOM) can be imported directly into commercially available planning software systems and superimposed with the intraoral image (STL). The implant is positioned with respect to the patient's anatomy and the desired prosthetic outcome. Neodent® Guided Surgery is compatible with major commercially available software systems.

1. DATA ACQUISITION

The patient is scanned with a commercially available 3D (CB)CT scanner that delivers DICOM, which are combined with intraoral or lab scanning STL images from the patient.



3. SURGICAL GUIDE PRODUCTION

Planning software provides the design of the surgical guide for the production and the surgical protocol for the Neodent® Guided Surgery instruments. The surgical guide contains the Neodent® sleeves that guide the instruments and the implants.



Access to more treatment options

- Reliable access to flapless surgery ⁽²⁻⁴⁾.
- Designed to reduce bone grafting procedures.
- Designed for predictable, immediate protocols.



Increase patient acceptance

- Enables better communication about the procedure and costs with the patient in advance.

4. SURGICAL PROCEDURE

Guided surgery is designed to reduce chair time and post operative discomfort. It helps increasing implant positioning accuracy ⁽⁵⁾.



Complete

Helix™ and Drive™ Grand Morse™ Implants portfolio



Convenient

Color-coded instruments and symbol-marked

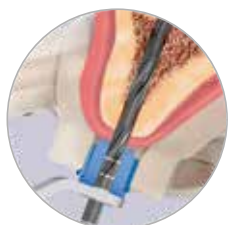


Flexible

2 sleeve height positions



Guided implant insertion



Guided bed preparation

Guided Surgery Kit for Grand Morse™

Compatible with major guided surgery software systems



REFERENCES AND PUBLICATIONS

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