

NEW SMILES EVERY DAY

 **NEODENT**

years

HA Professionals
for Professionals

straumanngroup



Celebrating is a choice

Neodent® is celebrating its **30th** anniversary! Over time, millions of smiles have been created in partnership with professionals worldwide. Throughout the years, the Neodent® continues to celebrate the choice of creating new smiles every day, to change lives of patients in more than **80** countries where the brand is present.



Focused on ease of use, Neodent® Dental Implant Systems works on progressive treatment concepts such as immediacy with modern and reliable solutions to make implant dentistry possible. As the leader in immediate treatment, Neodent® has developed unique features taking into account the key biological principles designed to maximize predictability and achieve long-lasting results.

PROGRESSIVE IMPLANT DENTISTRY

A leader in immediate treatment

For over the past 30 years, Neodent® has become a leading dental implant company in immediate treatment protocols such as immediate implant placement or immediate loading. Furthermore Neodent® has developed unique features taking into account the key biological principles designed to maximize predictability and achieve long-lasting results.

IMMEDIATE TREATMENT DESIGN

The Neodent® Immediate Treatment Design consists of proven design features which have been applied consistently throughout the Neodent® dental implant systems. It is built on the 5 key factors and designed for successfully achieving immediate treatment protocols in all indications: from single to edentulous cases.

OUR KEY FOCUS AREAS

- Immediate treatment protocols
- Immediate fixed full-arch treatment
- Immediate esthetic
- Prosthetic simplicity



VERSATILE RESTORATIVE OPTIONS

Comprehensive range of restorative options for tailoring treatment to patients: from single to multi-unit, screwed to cemented, implant & abutment level, conventional to digital.



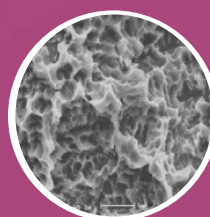
IMPLANT DESIGN OPTIMIZED FOR HIGH PRIMARY STABILITY

Tailored design for achieving high initial stability in different bone types and immediate treatment.⁽⁷⁾



NATURAL EMERGENCE PROFILE

Consistent soft tissue profile management and flexible gingiva height respecting the biological distances for achieving immediate function and esthetics.⁽¹⁾



OPTIMAL SURFACE AND MATERIAL

Best long term performance surface with sand-blasted Large grit, acid etched surface on titanium grade 4 CP. hydrophilic surface in challenging situations with soft bone or immediate protocols.⁽⁸⁾



DEEP MORSE TAPER CONNECTION

Deep Morse taper connection associated with a platform switch designed to ensure tight fit for an optimal connection sealing and an optimal load distribution.⁽²⁻⁶⁾

Grand Morse®

Greatness is an achievement

Enjoy more treatment flexibility for your patients to create the optimal tooth replacement outcomes for all indications, from single tooth to fully edentulous. The Helix® Grand Morse® allows for tailored treatment options according to the specific clinical situation, taking into account the biological principles and with respect to the fundamentals of implant dentistry.





GRAND RELIABILITY

Stable and strong foundation designed for long term success.



GRAND ESTHETIC

Deliver immediate natural esthetic.



GRAND SIMPLICITY

Ease of use at its best.



GRAND STABILITY

Optimized implant design for high initial stability in different bone types and techniques.

ACQUA HYDROPHILIC SURFACE DESIGNED FOR HIGH TREATMENT PREDICTABILITY

acqua

The Neodent® Acqua hydrophilic surface is the next level of the highly successful S.L.A. type of surface developed to achieve successful outcomes even in challenging situations, such as soft bone or immediate protocols.^[8-11]



Single-unit screw-retained prosthesis



Single-unit cement-retained prosthesis



Multi-unit screw-retained prosthesis



Multi-unit cement-retained prosthesis



Overdenture



Temporary



Anatomic Abutment (straight and angled)



Universal Abutment (straight and angled)



Abutment



Angled Mini Conical Abutment



Titanium Base AS



Straight Mini Conical Abutment



Micro Abutment



Novaloc (straight and angled)



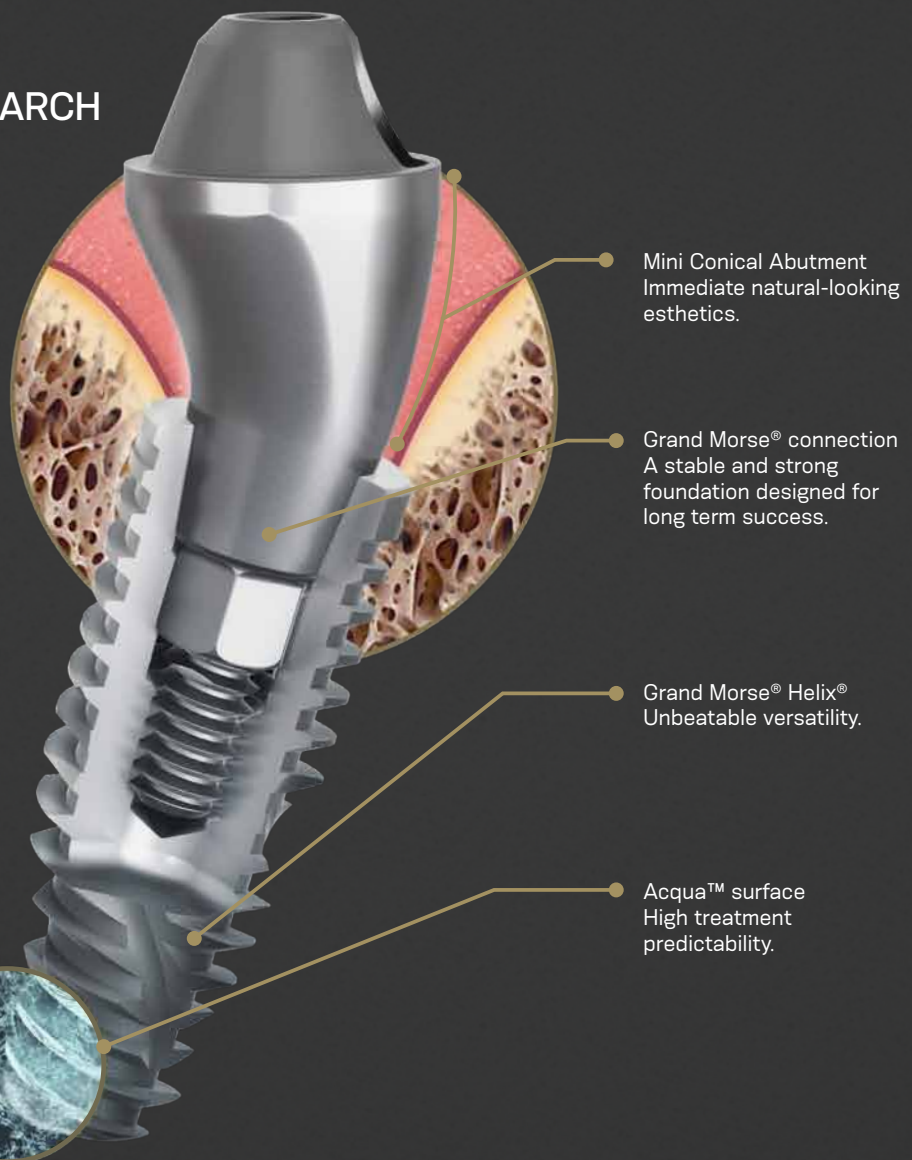
A SMILE FOR EVERYONE

NEODENT® NEOARCH®

Increasing expectations for shortened treatment duration represent a significant challenge for dental professionals especially in patients with anatomical deficiencies. The Neodent® Implant System offers an optimized solution for immediate fixed treatment protocols in edentulous patients even with severe atrophic maxilla. Neodent® NeoArch® allows to significantly improve patient satisfaction and quality of life by immediately restoring function and esthetics.^[12]

THE NEXT LEVEL OF IMMEDIATE FIXED FULL-ARCH

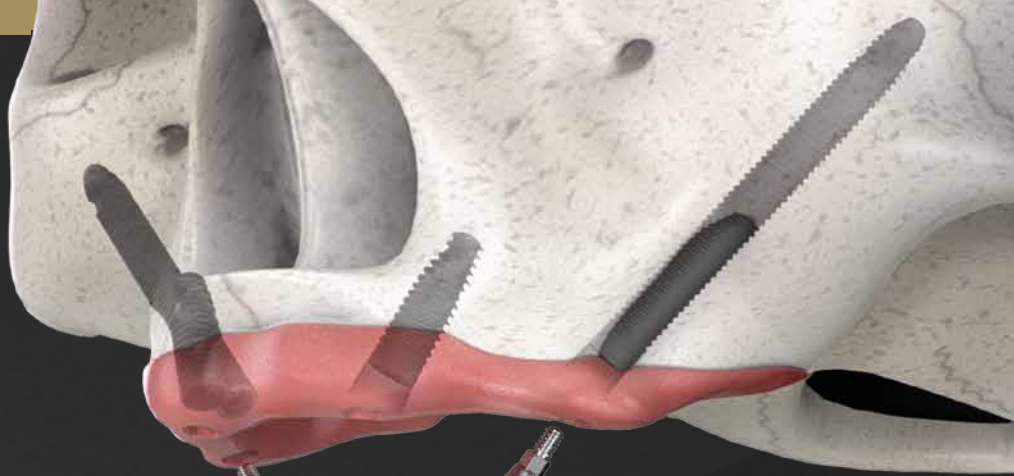
The NeoArch® Grand Morse® combines Neodent®'s best technologies enhancing immediate fixed full-arch rehabilitation. Indeed, associating the Grand Morse® connection stability, the Helix® versatility, the Acqua™ surface predictability, and the newly optimized Mini Conical abutment shape maximize the NeoArch® efficiency: one implant, one connection, one abutment.



BONE RESORPTION

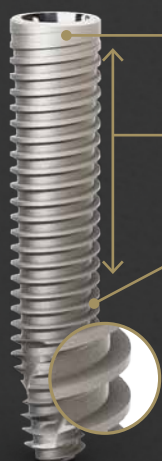


HELIX GM®



IMMEDIATE SOLUTION IN SEVERE ATROPHIC MAXILLA

The Neodent® Helix GM® Long and Zygoma GM™ complement the standard implant system for achieving immediate loading protocol in fixed full arch restoration. They are specifically designed to bring surgical predictability to atrophic maxilla cases, as a predictable alternative to grafting procedures.



- Grand Morse® platform
One connection regardless of the implant diameter.
- Longer lengths
20, 22.5 and 25mm designed to achieve bicorticalization.
- Helix® design
Ø 3.75 and 4.0 versatility with an implant body engineered to achieve high initial stability.

NeoPoros

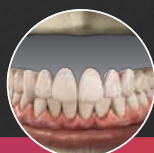


- Grand Morse® platform
Straight head bringing flexibility compared to angulated versions.
- Tissue Protect
Non-threaded area for a friendly contact with the mucosa when using the exteriorized technic.
- Comprehensive portfolio
4.0 diameter with a large portfolio with the following lengths: 30 / 35 / 37.5 / 40 / 42.5 / 45 / 47.5 / 50 / 52.5 / 55 mm.

NeoPoros



HELIX GM® LONG



ZYGOMA GM™



A SMILE FOR EVERYONE POSTERIOR IMPLANT SOLUTION

Immediate implant placement gained attention since it offers the advantages of reducing surgical intervention and treatment compared to conventional placement.^[13]

Post extraction areas with immediate implant placement in a multi-rooted molar involves anatomical challenges that may compromise primary stability or cause damage of neighboring structures.^[14,15]

The Neodent® Grand Morse® Helix® Ø 6.0 & Ø 7.0 mm implants were developed to efficiently treat post extraction sockets and satisfy patient's high expectations.

DELIVER NATURAL-LOOKING ESTHETICS THANKS TO A WIDE EMERGENCE PROFILE DESIGN

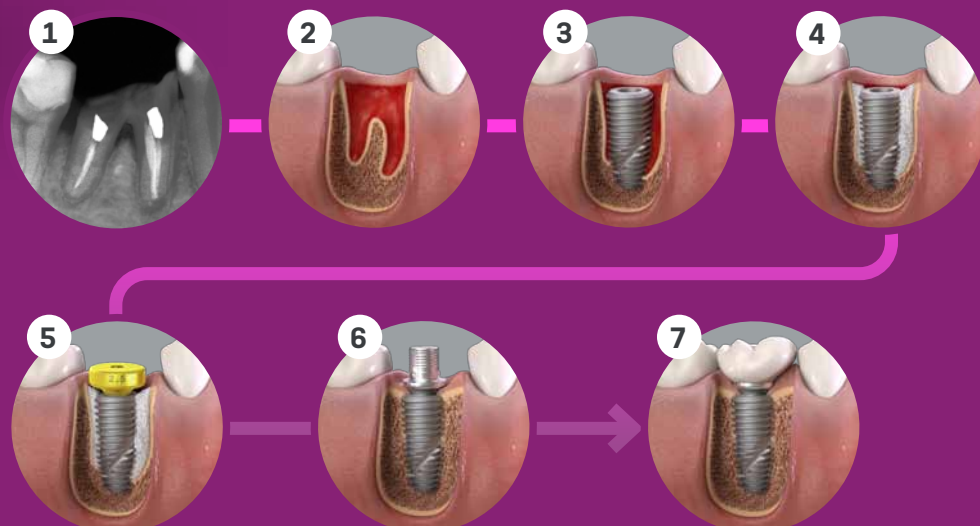


A wide customizable healing abutment was designed to maintain the molar emergence profile



Designed for consistent emergence profile for excellent esthetic outcomes

IMMEDIATE PLACEMENT IN CHALLENGING POST EXTRACTION SOCKETS



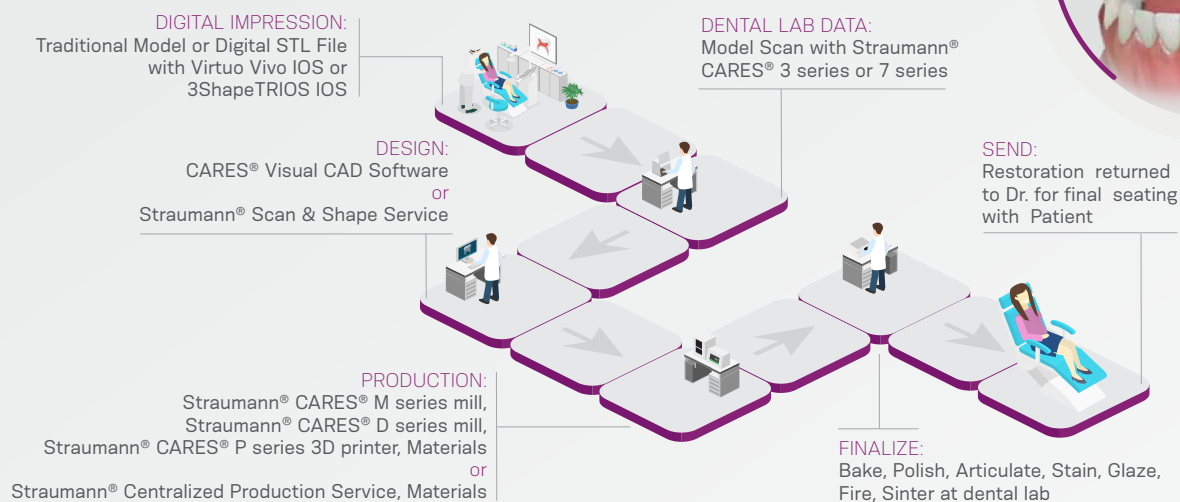


IMPROVE TREATMENT EFFICIENCY

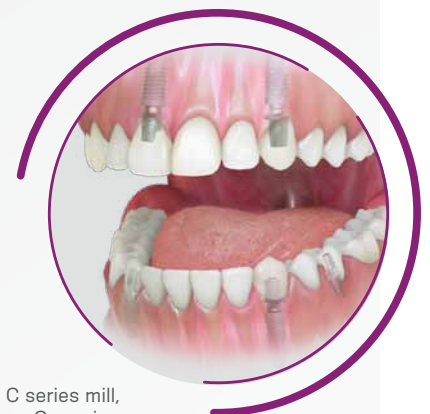
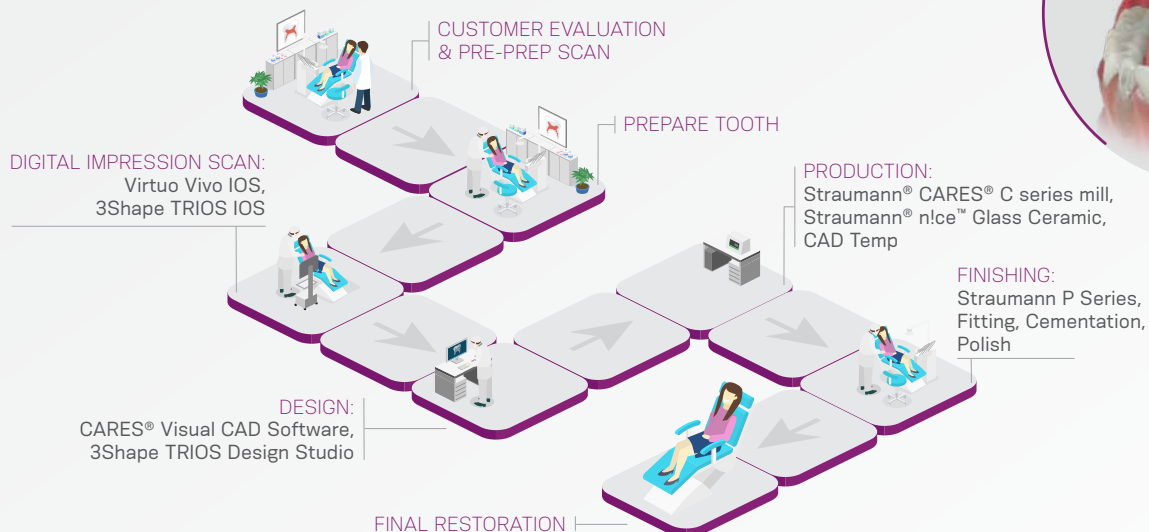
NEODENT® DIGITAL SOLUTIONS

Nowadays, patients expect both short treatment times and esthetic results. Additionally, personalized treatment protocols have become more demanding. With Neodent® Digital Solutions, access to the most advanced restorative workflows and treatment options for providing patients with an immediate customized treatment that fulfills their high expectations for esthetic results and a beautiful smile.

NEODENT® DIGITAL LAB SOLUTIONS OR CARES® MILLING CENTER



NEODENT® DIGITAL SOLUTIONS CHAIRSIDE





Neodent easyguide

SIMPLICITY AT ONE HAND

Neodent® is designed to offer straightforward guided surgery techniques enabling predictable surgical results, efficient treatment protocols and patient treatment acceptance.



STRAIGHTFORWARD GUIDED SURGERY TECHNIQUE

Surgical convenience with one-hand procedures



PREDICTABLE SURGICAL RESULTS

Confidence for accurate implant positioning



EFFICIENT TREATMENT PROTOCOLS

Intuitive and simple technique



PATIENT TREATMENT ACCEPTANCE

Communication building trust and patient engagement

One drill design

The unique geometry of the Neodent® EasyGuide tapered drills is indicated for all bone types and dismisses the need for additional drill types or taps, simplifying the drilling sequence.



COLOR CODE ACCORDING TO IMPLANT DIAMETER



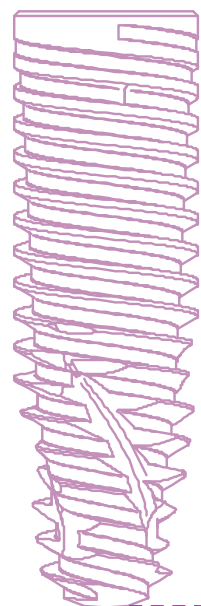
LASER-MARKED LENGTH



BUILT-IN TITANIUM STOP FOR PHYSICAL DEPTH CONTROL, WITH COLOR MATCHING THE SLEEVE IN THE SURGICAL GUIDE



ACTIVE PORTION MATCHING IMPLANT LENGTHS

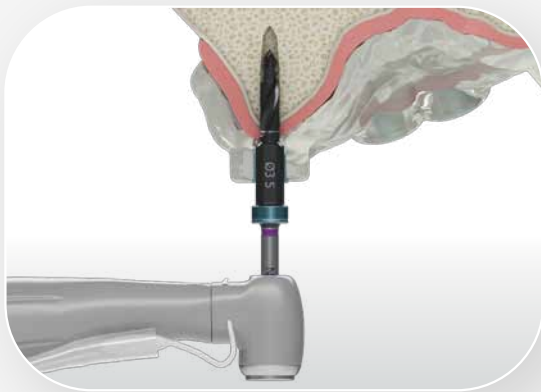




Color-coded and intuitive protocol

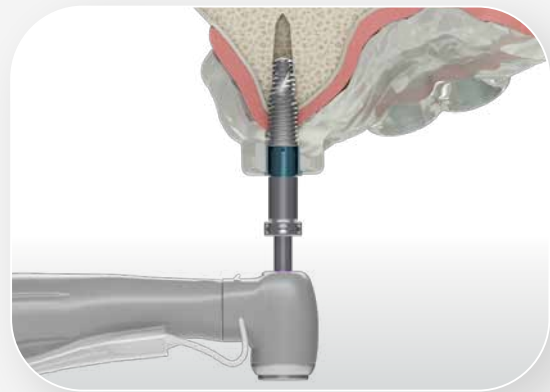
Neodent® EasyGuide presents 2 compact kits, used according to the implant diameters. The drilling protocol is reflected on the layout, with the indication of the last drill to be used in soft or hard bones for each implant diameter, marked with corresponding colors.

Predictable surgical results



GUIDED IMPLANT INSERTION

The implant drivers ensure that the implant will reach the planned position with accuracy, while it is inserted through the surgical guide.



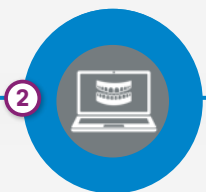
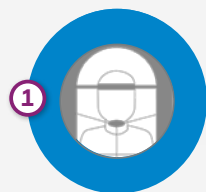
FULLY GUIDED BED PREPARATION

Neodent® EasyGuide drills are designed with stops, for a more accurate depth control in the osteotomy, according to the plan performed in the software, bringing an extra level of confidence to the surgery by preserving anatomical structures. The intimate contact between the drill and the sleeve assures the accuracy in the angulation of the implant bed.

Dynamic workflow, from data acquisition to the surgery

1. DATA ACQUISITION

3D (CB)CT scan (DICOM) Intraoral or lab scanning (STL images)

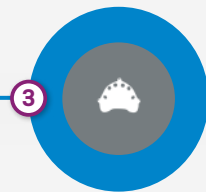


2. VIRTUAL PLANNING

Implant positioned respecting the patient's anatomy and prosthetic outcome. Neodent® EasyGuide is compatible with major software.

3. SURGICAL GUIDE PRODUCTION

The surgical guide must contain the sleeves that guide the instruments and the implants.



4. SURGICAL PROCEDURE

Neodent® EasyGuide presents two surgical kits, selected according to the implant diameter.

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