The GM Implant

THE GRAND MORSE
GROUND MORSE
IMPLANT SYSTEM

GREATNESS IS AN ACHIEVEMENT.

The Neodent® Grand Morse Implant System is the achievement of more than 20 years of experience in implant dentistry, and shared experiences with many clinicians worldwide. Continuing with a unique purpose to always deliver high quality treatment options that changes patients’ lives, the Grand Morse Implant System is the Neodent® evolution. Anchor within our philosophy of respecting mechanical and biological principles, this makes it THE implant of choice in dental implant therapy.

The Grand Morse implant system was developed based on the inside out concept, starting from the core of the implant: the prosthetic interface. The result is a solution that combines mechanical strength and versatile prosthetic solutions - from unitary to multiple and from conventional to digital. A complete system that offers several benefits designed to make your work even more efficient.

- GRAND RELIABILITY
  Stable and strong foundation designed for long term success

- GRAND STABILITY
  Designed for predictable immediate treatments in all bone types

- GRAND SIMPLICITY
  Ease of use at its best

- GRAND ESTHETICS
  Delivers immediate natural esthetics

+150 studies
+ 20 years history
2nd largest dental implant company worldwide
GRAND SIMPLICITY

Ease of use at its best.

Implant therapy has become an integral part of clinical dentistry, with ever increasing numbers of patients seeking such treatment. The Neodent® Grand Morse Implant System is smartly engineered providing efficiency and simplicity within the dental treatment network for both surgical to restorative steps.

GRAND RELIABILITY

Stable and strong designed for long term success.

The implant-abutment interface is crucial for a successful long term functional and esthetic result. The Neodent® Grand Morse connection offers a unique combination based on proven concepts: a platform switching associated with a deep 16° Morse Taper including an internal indexation for a strong and stable connection designed to achieve long-lasting results.

- **One Screwdriver**
  - The new Neo Screwdriver has a star attachment offering reliability and durability compatible with all Neodent® Grand Morse healing abutments and restorative screws.

- **One Surgical Kit**
  - All Neodent® Grand Morse implants can be placed using the intuitive, and functional surgical kit.

- **One Implant Driver**
  - The new Neodent® implant driver allows an easy and reliable implant pick up and placement.

**ONE PROSTHETIC PLATFORM**

All Neodent® Grand Morse implants feature the unique Grand Morse connection regardless of the implant diameter.

**ONE SCREWDRIVER**

- **Internal Indexation**
  - Precise abutment positioning, protection against rotation and easy handling.

- **Platform Switching**
  - Abutment design with a narrower diameter than the implant coronal area, enabling the platform switching concept.²⁻⁴

- **Deep Connection**
  - Allowing a large contact area between the abutment and the implant for an optimal load distribution.

- **16° Morse Taper connection**
  - Designed to ensure tight fit for an optimal connection sealing.
Deliver immediate natural esthetics.

Nowadays, patients expect both short treatment times and esthetic results. The Neodent® Grand Morse restorative portfolio offers flexibility to simplify soft tissue management respecting the biological distances for achieving immediate function and esthetics.

**NEXT LEVEL OF IMMEDIATE FIXED FULL-ARCH TREATMENT**

The new Neodent® Grand Morse Mini Conical abutment has been designed to improve fixed full-arch treatment by optimizing the abutment emergence profile reducing the need of invasive procedures.

**PEACE OF MIND WITH THE UNLOOKING FEATURE**

Neodent® has developed a unique feature allowing a simple and reliable abutment removal for a user friendly experience.

**COMPREHENSIVE PROSTHETIC PORTFOLIO FOR OPTIMIZED ESTHETIC RESULTS**

- All indications: single to edentulous
- All treatment protocols: immediate to delayed loading
- All workflows: conventional to digital

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**Acqua Hydrophilic Surface designed for high treatment predictability**

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.

**Surface comparison**

**Hydrophilicity**

The hydrophilic surface presents a smaller contact angle when in contact with hydrophilic liquids. This provides greater accessibility of organic fluids to Acqua implant surface.

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**Acqua Surface interaction (electropositive) with blood electronegative).**
Helix GM®

PRODUCT FEATURES:

Implants Description:
- Full dual tapered implant;
- Hybrid contour with a cylindrical coronal part and conical on the apical area;
- Active apex including a soft rounded small tip and helicoidal flutes;
- Dynamic progressive thread design: from compressing trapezoidal threads on the coronal area to self-tapping V-shape threads on the apical part;
- Double threaded implant;
- Grand Morse® connection.

Indications:
- Indicated for all types of bone density and implant immediate placement post extraction.

Drilling features:
- Contour drill is required in bone types I and II;
- Final pilot drills are highly recommended in bone types I and II;
- Implant should be positioned 1 or 2 mm below bone level;
- Drilling speed: 800-1200 rpm for bone type I and II;
- Drilling speed: 500-800 rpm for bone type III and IV;
- Implant insertion speed: 30 rpm;
- Maximum torque for implant placement: 60 N.cm.

GM Healing Abutment

GM Customizable Healing Abutments

GM Cover Screw

:: Use the manual Neo Screwdriver (104.060);
:: Do not exceed the insertion torque of 10 N.cm.
Drive GM®

PRODUCT FEATURES:

Implants Description:
• Tapered implant;
• Square shape threads;
• Double threaded implant;
• Reverse cutting chambers distributed across the implant body;
• Rounded apex with a sharp edge;
• Grand Morse® connection.

Indications:
• Indicated for bone types III and IV and implant immediate placement post-extraction;

Drilling features:
• Final pilot drill is optional in bone types III and IV;
• Implant should be positioned 1 or 2 mm below bone level;
• Drilling speed: 500-800 rpm;
• Implant insertion speed: 30 rpm;
• Maximum torque for implant placement: 60 N.cm.

GM Healing Abutment

Profile Ø 0.8 mm
Ø 3.3 Ø 3.5 Ø 4.5 Ø 4.8 Ø 5.5 Ø 7.0

GM Customizable Healing Abutments

Profile Ø 1.5 mm
Ø 3.3 Ø 3.5 Ø 4.5 Ø 5.5 Ø 7.0

GM Cover Screws

GM® Implants

Drill Sequence

Bone types III and IV

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GM® Connectable Healing Abutments

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PRODUCT FEATURES:

Implants Description:
• Tapered implant;
• Square shape threads;
• Double threaded implant;
• Reverse cutting chambers distributed across the implant body;
• Rounded apex with a sharp edge;
• Grand Morse® connection.
GM Abutment

Recommended in posterior area.

Consider in addition 1.5 - 2.0 mm for the restorative material

Minimum interocclusal space of 4.9 mm from the mucosa level

Installation Sequence

GM Exact Abutment

GM Abutment Impression Coping Closed Tray

Neo Abutment Titanium Coping

Neo Abutment Protection Cylinder

Abutment Analog

Neotorque®

Titanium

Neo Abutment CoCr Coping

Neo Abutment Burn-out Coping

Neo Screwdriver Torque Connection

Torque Wrench

Neo Screwdriver Torque Manual Screwdriver

*Application of a thin carbon-based seal that reduces a lower friction coefficient, resulting in increased pre-load.
GM Mini Conical Abutment

Consider in addition 1.5 - 2.0 mm for the restorative material.

Minimum interocclusal space of 4.5 mm from the mucosa level for straight abutments.

Installation Sequence

0.8 mm 1.5 mm 2.5 mm
0.8 mm 1.5 mm 2.5 mm

Neo Mini Conical Abutment
Titanium Coping

Neo Mini Conical Abutment
Copper Coping

Neo Mini Conical Abutment
Burn-out Coping

GM Exact Mini Conical Abutment 17º/30º

GM Mini Conical Abutment

Neo Mini Conical Abutment Protection Cylinder

Neo Mini Conical Abutment Analog

Conventional

Hybrid Repositionable (conventional/digital)

Accessories

Hexagonal Prosthetic Driver
Torque Wrench
Neo Screwdriver
Torque Connection
Neo Screwdriver Manual Screwdriver Torque

*Application of a film carbon-based coat that provides a lower friction coefficient, resulting in increased pre-load.

Minimum interocclusal space of 4.5 mm from the mucosa level for straight abutments.
GM Micro Abutment

Recommend for limited spaces and narrow inter-dental spaces.

GM Micro Abutment

Installation Sequence

Neo Micro Abutment
Titanium Coping

Micro Abutment Impression Coping

Slim Closed Tray for single-unit prosthesis
Open Tray for multiple-unit prosthesis

Neo Micro Abutment
Protection Cylinder

1. Bridge
2. Neo Micro Abutment
3. Neo Micro Abutment

Neo Screwdriver
Torque Wrench

Neo Screwdriver
Torque Wrench

Neo Screwdriver
Manual Screwdriver

Consider in addition 1.5 - 2.0 mm for the restorative material
Minimum interocclusal space of 3.5 mm from the mucosa level

Accessories

Micro Abutment Polishing Protector

Bridge 123.015

Hexagonal Prosthetic Driver
Torque Wrench

Neo Screwdriver
Torque Wrench

Neo Screwdriver
Manual Screwdriver
GM Anatomic Abutment

Recommended for anterior region

Gingiva color for esthetic outcomes

Click retention for provisional copings

Exact

Unlocking feature

Consider in addition 1.5 - 2.0 mm for the restorative material

Minimum interocclusal space of 4.9 mm from the mucosa level

Installation Sequence

GM Exact Click Anatomic Abutment

or

GM Exact Click Anatomic Abutment 17°

or

GM Exact Click Narrow Anatomic Abutment

or

GM Exact Click Narrow Anatomic Abutment 17°

Click retention for provisional copings

Impression of the GM Exact Click Anatomic Abutment

Lab stage

Finalized prosthesis

GM Implant Exact Impression Coping Closed and Open Tray

GM Implant Analog

Lab stage

Finalized prosthesis

Neo Screwdriver Torque Connection

Torque Wrench

Neo Screwdriver Torque Connection

Manual Screwdriver Torque
GM Universal Abutment

Installation Sequence

GM Exact Click Universal Abutment

GM Exact Click Universal Abutment 17°

or

GM Exact Click Universal Abutment 30°

or

Click Universal Abutment Impression Coping

Click Universal Abutment Provisional Coping

Neo Screwdriver Torque Connection

Torque Wrench

Universal Abutment Analog

Consider in addition 1.5 - 2.0 mm for the restorative material.

Minimum interocclusal space of 4.9 mm from the mucosa level.
GM Titanium Base

Single-unit cement-retained prosthesis

Single-unit screw-retained prosthesis

With removable screw

Customizable up to 4 mm high

Consider in addition 1.5 – 2.0 mm for the restorative material

Minimum interocclusal space of 4.9 mm from the mucosa level

Workflow Options

Intraoral

Model Scanning

Conventional

GM Implant Exact Impression Coping
Closed and Open Tray

GM Implant Intraoral Scanbody

GM Implant Analog

GM Exact Implant Scanbody

GM Exact Implant Coping
Closed and Open Tray

GM Implant Exact Titanium Base
Burn-out Coping

Neo Screwdriver Torque Connection

Manual Screwdriver Torque

Consider in addition 1.5 - 2.0 mm for the restorative material

Minimum interocclusal space of 4.9 mm from the mucosa level
Titanium Base C for GM

With removable screw

Installation Sequence

1. Neo Screwdriver Torque Connection
2. Torque Wrench
3. Intraoral Scanning with scanbodies provided by Dentsply Sirona
4. Finalized Prosthesis

Workflow

Step 1
Gingiva height selection and ordering.
Select the Titanium Base C for GM Exact gingival height.

Step 2
Intraoral scanning.
Insert the Titanium Base C for GM Exact into the Neodent® implant.
Insert scanbody on the Titanium Base C for GM Exact.
Order the Titanium Base C for GM Exact.
Please note that the scanbody has to be purchased from the equipment manufacturer.

Step 3
Design and milling.
Select in the CAD software the comparable third-party Ti-base and perform the digital design.
Mill the digital design.

Step 4
Finalization and fixation.
Check the fit of milled restoration in the patient’s mouth and adapt it, if needed.
Check the restoration on the Titanium Base C for GM Exact and insert it into the patient’s mouth.

CEREC digital library compatibility

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Cementable area: 4.7 mm

Step 1
Gingiva height selection and ordering.
Select the Titanium Base C for GM Exact gingival height.
GM Titanium Block

Customizable area: 14.2 mm

Consider in addition 1.5 - 2.0 mm for the restorative material
Minimum interocclusal space of 4.9 mm from the mucosa level
GM CoCr Abutment

The set includes one GM CoCr Abutment, one Titanium Screw and one GM Implant Analog. Interocclusal height of 12.0 mm. Customizable up to 5.0 mm. Indicated for GM Implants placed at bone level.

Consider in addition 1.5 - 2.0 mm for the restorative material. Minimum interocclusal space of 4.9 mm from the mucosa level.

Installation Sequence

1. Neo Screwdriver Torque Connection + Torque Wrench
2. Neo Screwdriver Torque + Manual Screwdriver Torque

GM Healing for CoCr Abutment

GM Exact CoCr Abutment

GM Pro Peak Abutment

GM Exact Impression Coping

Connection

GM Healing for CoCr Abutment

GM Exact CoCr Abutment

GM Pro Peak Abutment

GM Exact Impression Coping

Connection
GM Pro Peek Abutment

Biocompatible Peek of easy customization.

Installation Sequence

1. **GM Pro Peek Abutment**

2. **Neo Screwdriver**
   - Torque Connection

3. **Torque Wrench**

**Installation Sequence**

- **Unlocking feature**
- **Interocclusal height of 9.2 mm (can be customized up to 5.0 mm)**
- **Exact Ø 6.0 mm**
- **Unlocking feature**

Consider in addition 1.5 - 2.0 mm for the restorative material.
Measurements GM Mini Conical Abutment

- **17°**
- **30°**

Measurements GM Anatomic Abutment

- **Narrow Anatomic Abutment**
- **Anatomic Abutment**
- **Narrow Anatomic Abutment 17°**
- **Anatomic Abutment 17°**
Measurements GM Universal Abutment

17°

- 4 mm chimney height
  - Ø 3.3 / 17°
  - Ø 4.5 / 17°
- 6 mm chimney height
  - Ø 3.3 / 17°
  - Ø 4.5 / 17°

30°

- 4 mm chimney height
  - Ø 3.3 / 30°
  - Ø 4.5 / 30°
- 6 mm chimney height
  - Ø 3.3 / 30°
  - Ø 4.5 / 30°
Grand Morse® Surgical Kit

Autoclavable polymer case.
The Kit presents two compositions:
- Complete: for Helix GM®, Drive GM® and Titanmax GM® implants;
- Helix®: for Helix GM® implants.

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Note: Items that compose Neodent® Kits are sold separately.
Grand Morse® Try-In Kit

Articles

- GM Try-In Kit Case
- GM Abutment Try-In 3.3X6X0.8
- GM Abutment Try-In 3.3X6X1.5
- GM Abutment Try-In 3.3X6X2.5
- GM Abutment Try-In 3.3X6X3.5
- GM Abutment Try-In 3.3X6X4.5
- GM Abutment Try-In 3.3X6X5.5
- GM Abutment Try-In 4.5X6X0.8
- GM Abutment Try-In 4.5X6X1.5
- GM Abutment Try-In 4.5X6X2.5
- GM Abutment Try-In 4.5X6X3.5
- GM Abutment Try-In 4.5X6X4.5
- GM Abutment Try-In 4.5X6X5.5
- GM Abutment Try-In 17° 3.3X6X1.5
- GM Abutment Try-In 17° 3.3X6X2.5
- GM Abutment Try-In 17° 3.3X6X3.5
- GM Abutment Try-In 17° 3.3X6X4.5
- GM Abutment Try-In 17° 3.3X6X5.5
- GM Abutment Try-In 17° 4.5X6X2.5
- GM Abutment Try-In 17° 4.5X6X3.5
- GM Abutment Try-In 17° 4.5X6X4.5
- GM Abutment Try-In 17° 4.5X6X5.5
- GM Abutment Try-In 30° 3.3X6X1.5
- GM Abutment Try-In 30° 3.3X6X2.5
- GM Abutment Try-In 30° 3.3X6X3.5
- GM Abutment Try-In 30° 3.3X6X4.5
- GM Abutment Try-In 30° 3.3X6X5.5
- GM Abutment Try-In 30° 4.5X6X1.5
- GM Abutment Try-In 30° 4.5X6X2.5
- GM Abutment Try-In 30° 4.5X6X3.5
- GM Abutment Try-In 30° 4.5X6X4.5
- GM Abutment Try-In 30° 4.5X6X5.5
- GM Anatomic Abutment Try-In 1.5
- GM Anatomic Abutment Try-In 2.5
- GM Anatomic Abutment Try-In 3.5
- GM Lateral Anatomic Abutment Try-In 1.5
- GM Lateral Anatomic Abutment Try-In 2.5
- GM Lateral Anatomic Abutment Try-In 3.5
- Neo Manual Screwdriver (Short)
- GM Height Measurer

Innovative and ease to use

Neodent® Packaging

Neodent® implant packaging has been updated to a concept that provides convenience and safety through all steps of the procedure, from storage to the placement of the implant. The new packaging aids in identification of both the implant model as well as its diameter and length, regardless of its storage position.

Package instruction of use

After breaking the sterility seal on the blister, hold the primary package (vial) and twist the lid to open it.

To remove the implant from the vial lift the cap up, which has the stand and implant attached to it.

To secure the implant, grip both sides of the implant carrier.

While gripping the implant carrier, remove the lid.

To capture the implant with the contra-angle handpiece attachment, grip the implant carrier while placing the attachment into the implant chamber.

The implant can now be transported to the surgical site.

Note: Items that compose Neodent® Kits are sold separately.
Initial Drill
- Available in surgical steel
- 2.0mm diameter

Pilot Drills
- Available in surgical steel
- Drill sequence for Helix GM® and Drive GM® Implants
- Increasing the surgical alveolus diameter ridge, easing the penetration of the next drill or the implant

GM Tapered Contour Drills
- For preparing the implant bed in bone types I and II for Helix GM® Implants

Drill Extension
- Available in surgical steel
- Fit the drill directly into the Drill Extension

GM Implant Driver - Contra-Angle
- To capture the implant directly from the packaging
- To place GM Implants with contra-angle, or attached to a manual driver for contra-angle connections [104.028] for hand placement
- With six dimples to indicate the hex index face position
- The laser marks indicate the depth of implant placement, bone level, 1 and 2mm infra-bone and last marking (3mm) biological space
- Maximum torque 35 N.cm

GM Implant Driver - Torque Wrench
- To place GM Implants with the Torque Wrench [104.050]
- With six marks to indicate the hex index face position
- The laser marks indicate the depth of implant placement, bone level, 1 and 2mm infra-bone and last marking (3mm) biological space
- Maximum torque 60 N.cm

Direction Indicators
- Available in titanium
- Instrument to guide the implant position
- Diameter of central band corresponds to GM Implant diameter
- Smaller side to be used after 02.0mm drill
- Larger side to be used after the last drill before implant installation

Tapered Drills
- Available in surgical steel
- Drill sequence for Helix GM® and Drive GM® Implants

Twist Drills
- Available in surgical steel
- Drill sequence for TiMax GM® Implants

GM Height Measure
- Available in titanium
- For selecting GM prosthetic abutments
- Marks corresponding to transmucosa heights
- Can be used as X-Ray Positioner

Direction Indicators
- 2.8/3.5
- 3.0/3.75
- 3.3/4.0
- 3.6/4.3
- 4.3/5.0
Manual Implant Drivers
- Available in surgical steel;
- For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
- For Torque Wrench connections: connected to screwdrivers, it provides manual torque.

Contra-angle Connections
Torque Wrench Connections

Neo Screwdriver Torque Connection - Torque Wrench
- Available in surgical steel;
- Yellow color for line identification;
- Long Neo Screwdriver Torque Connection - Wrench (105.134) recommended for Impression Copings and Copings for screw-retained prostheses.

Short
Medium
Long

20 mm
25 mm
38 mm

Neo Screwdriver Torque Connection - Contra-angle
- Available in surgical steel;
- Yellow color for line identification;
- Long Neo Manual Screwdriver (104.059) recommended for Impression Copings and Copings for screw-retained prostheses.

Extra Short
Short
Medium

20 mm
25 mm

Hexagonal Prosthetic Driver
- Available in surgical steel;
- To install and apply torque over straight GM Mini Conical Abutments and GM Micro Abutments;
- Yellow color for line identification;
- Hexagonal Prosthetic Driver for Contra-angle to install GM Mini Conical Abutment (straight).

Torque Wrench
- Available in surgical steel;
- For square connections;
- Collapsible Wrench that allows for proper assembly cleaning;
- For full instructions see page 67.

GM Bone Profile Drill with Guide
- Available in surgical steel;
- For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
- For Torque Wrench connections: connected to screwdrivers, it provides manual torque.

Neo Screwdriver Torque Connection - Contra-angle
- Available in surgical steel;
- Yellow color for line identification;
- Long Neo Manual Screwdriver (104.059) recommended for Impression Copings and Copings for screw-retained prostheses.

GM Bone Profile Drill with Guide
- Available in titanium;
- Angles: 17° and 30°;
- To install and apply torque over straight GM Mini Conical Abutments and GM Micro Abutments;
- Yellow color for line identification;
- Hexagonal Prosthetic Driver for Contra-angle to install GM Mini Conical Abutment (straight).

GM Bone Profile Drill with Guide
- Available in surgical steel;
- For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
- For Torque Wrench connections: connected to screwdrivers, it provides manual torque.

Neo Screwdriver Torque Connection - Torque Wrench
- Available in surgical steel;
- Yellow color for line identification;
- Long Neo Screwdriver Torque Connection - Wrench (105.134) recommended for Impression Copings and Copings for screw-retained prostheses.

Short
Medium
Long

20 mm
25 mm
38 mm

Angle Measurer for Drill 2.0
- Available in titanium;
- Angles: 17° and 30°;
- To select and plan the angle of prosthetic abutments during surgical procedures;
- Suggested use: after Twist Drill 2.0.

GM Angle Measurer
- Available in titanium;
- Angles: 17° and 30°;
- To install and apply torque over straight GM Mini Conical Abutments and GM Micro Abutments;
- Yellow color for line identification;
- Hexagonal Prosthetic Driver for Contra-angle to install GM Mini Conical Abutment (straight).

GM Bone Profile Drill with Guide
- Available in surgical steel;
- For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
- For Torque Wrench connections: connected to screwdrivers, it provides manual torque.

Neo Screwdriver Torque Connection - Contra-angle
- Available in surgical steel;
- Yellow color for line identification;
- Long Neo Manual Screwdriver (104.059) recommended for Impression Copings and Copings for screw-retained prostheses.

GM Bone Profile Drill with Guide
- Available in surgical steel;
- For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
- For Torque Wrench connections: connected to screwdrivers, it provides manual torque.

Neo Screwdriver Torque Connection - Contra-angle
- Available in surgical steel;
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- Long Neo Manual Screwdriver (104.059) recommended for Impression Copings and Copings for screw-retained prostheses.

GM Bone Profile Drill with Guide
- Available in surgical steel;
- For Contra-angle connections: connected to GM Implant Driver, it becomes a manual driver for implant placement.
- For Torque Wrench connections: connected to screwdrivers, it provides manual torque.
**Neodent® NeoArch®**

A Smile for Everyone. Immediate fixed full-arch solution.

Increasing expectations for shortened treatment duration represent a significant challenge for dental professionals especially in patients with anatomical deficiency. The Neodent® Implant System offers an optimized solution for immediate fixed treatment protocols in edentulous patients. It allows to significantly improve patient satisfaction and quality of life by immediately restoring function and esthetic (10).

- Tilted posterior implants avoid the use of grafting procedures (11).
- Optimized implant design to achieve high primary stability in all bone types (12).

Immediate function resulting in shorter treatment times.

- The Neodent® hydrophilic surface, Acqua has been designed for immediate access of blood to the implant surface.

Immediate natural-looking esthetics with versatile restorative options.

- A broad range of options of gingival height to cater to your patient’s needs.
- 6 options for the straight abutment and 3 options each for the 17° and 30° angulated.

Immediate peace of mind thanks to a stable foundation.

- One connection regardless of the diameters.
- Unique connection combining platform switching associated with a deep 16° Morse taper including an internal indexation.

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<table>
<thead>
<tr>
<th>Huix GM® Implants</th>
<th>8.0 mm</th>
<th>10.0 mm</th>
<th>11.5 mm</th>
<th>13.0 mm</th>
<th>16.0 mm</th>
<th>18.0 mm</th>
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<tr>
<td>Acqua NeoPoros</td>
<td>(13.94)</td>
<td>(15.94)</td>
<td>(19.94)</td>
<td>(20.94)</td>
<td>(20.94)</td>
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<tr>
<td>NeoPoros</td>
<td>(13.94)</td>
<td>(15.94)</td>
<td>(19.94)</td>
<td>(20.94)</td>
<td>(20.94)</td>
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</tr>
</tbody>
</table>

NeoPoros

Acqua

Helix GM® Implants

GM Mini Conical Abutment

2.5 mm | 3.5 mm | 4.5 mm | 5.5 mm

17º | 17º | 17º | 20 N.cm | 20 N.cm

17º/30º GM Exact Mini Conical Abutment

Angle Measurer for Drill 2.0

| 17º | 30º |
| 20 N.cm | 20 N.cm |

GM Angle Measurer

| 17º | 30º |
| 128.03 | 128.03 |
Grand Morse® Neodent® Guided Surgery

Complete: Helix® and Drive® Grand Morse® Implants portfolio; Convenient: Color-coded instruments and symbol-marked; Flexible: 2 sleeve height options; Compatible with major guided surgery software.

Sleeves for Neodent® Guided Surgery System

Available in titanium; Sold in bags with 10 units each:

- Sleeve for Narrow Guided Surgery System
- Sleeve for Regular Guided Surgery System
- Sleeve for Wide Guided Surgery System
- Sleeve of Setter for Guided Surgery System

Grand Morse® Guided Surgery Surgical Kit

Autoclavable polymer case. The Kit allows the use of Helix GM® and Drive GM® Implants in the Guided Surgery technique.

Articles

- Neo Manual Screwdriver (Medium)
- Tapered Contour Guided Surgery Drill 3.5
- Tapered Contour Guided Surgery Drill 3.75
- Tapered Contour Guided Surgery Drill 4.0
- Tapered Contour Guided Surgery Drill 4.3
- Tapered Contour Guided Surgery Drill 5.0
- Narrow Guided Surgery GM Pilot Drill 3.5
- Regular Guided Surgery GM Pilot Drill 3.5
- Tapered Guided Surgery Drill 2.0
- Tapered Guided Surgery Drill 3.5
- Tapered Guided Surgery Drill 3.75
- Tapered Guided Surgery Drill 4.0
- Tapered Guided Surgery Drill 4.3
- Tapered Guided Surgery Drill 5.0
- Tapered Guided Surgery Drill 5.0
- Tapered Guided Surgery Drill 6.0
- Narrow Guided Surgery GM Connection - Contra-angle
- Regular Guided Surgery GM Connection - Contra-angle
- Wide Guided Surgery Drill Guide 2.0/3.5
- Wide Guided Surgery Drill Guide 2.0/3.5
- Wide Guided Surgery Drill Guide 3.75/4.0
- Wide Guided Surgery Drill Guide 4.0/4.3
- Wide Guided Surgery Drill Guide 5.0/6.0
- Narrow Guided Surgery GM Guide Stabilizer
- Regular Guided Surgery GM Guide Stabilizer
- Narrow Guided Surgery GM Guide Stabilizer (Long)
- Regular Guided Surgery GM Guide Stabilizer (Long)
- Neo Manual Screwdriver Torque Connection - Contra-angle (Medium)
- Neo Screwdriver Torque Connection - Contra-angle (Medium)
- Neo Screwdriver Torque Connection - Contra-angle (Medium)
- Neo Screwdriver Torque Connection - Contra-angle (Medium)

Note: Items that compose Neodent® Kits are sold separately.
**Posterior Implant Solution**

Immediate placement in challenging post extraction sockets;
Immediate implant placement with optimized wide implant design:
  - Designed to achieve high primary stability in wide post extraction sockets;
  - Grand Morse® Helix® – the Unbeatable Versatility.
Deliver natural-looking esthetics thanks to an optimized wide emergence profile design:
  - A wide customizable healing abutment was designed to maintain the molar emergence profile;
  - Consistent emergence profile for excellent esthetics outcomes.

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**Drill Sequence Helix GM® Ø 6.0**

- ImplantØ 6.0
  - GM Customizable Healing Abutment
  - GM Exact Titanium Base
  - GM Titanium Base Burn-out Coping

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**NeoPoros**

- NeoPoros Ø 5.5
- NeoPoros Ø 6.0
- NeoPoros Ø 7.0

---

**Acqua**

- Acqua Ø 5.5
- Acqua Ø 6.0
- Acqua Ø 7.0

---

**GM**

- GM Ø 5.5
- GM Ø 6.0

---

**Bone types III and IV**

- Use the Neo Screwdriver (103.060);
- Do not exceed the insertion torque of 10 N.cm.
**One Step Hybrid Technique**

Technique that allows passive fitting, with no need for welding as the titanium coping is cemented to the substructure. Used for multiple prostheses and reduces laboratory work times.

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**Neo Mini Conical Abutment One Step Hybrid Copings**
- For installation, use the Neo Torque Connection (105.132).
- For torque control, use Torque Wrench (104.050).

**Neo Micro Conical Abutment One Step Hybrid Copings**
- For installation, use the Neo Torque Connection (105.132).
- For torque control, use Torque Wrench (104.050).

**Neo Working Screw One Step Hybrid**
- For laboratory use.
Demonstration Sequence

1. Normalization of alveolar flaps.
2. Surgical drilling completed, obtaining adequate distance from distal implant in relation to the mental foramen with 7mm flag.
3. Placement of 5 implants.
4. Placement of Mini Conical Abutments.
5. Placement of square transfers, replaced by short screws (Mini Conical Abutment cylinder screw) and impression copings splinted with acrylic resin.
6. Positioning of multifunctional guide to obtain intermaxillary ratios. Joining transfers with acrylic resin. After splinting, soft silicone is injected to take the soft tissue impression.
7. Removal of multifunctional guide and placement of Mini Conical Abutment analogs to the impression copings.
8. Working model with artificial gum.
9. Castable One Step Hybrid Coping, Brass One Step Hybrid Coping, grooved Titanium One Step Hybrid Coping with lower dimension than the brass, which compensates hiring the mill.
10. Brass Copings are placed over analogs. Then Castable Copings are fixed by working screws.
11. Castable ring with waxed framework.
13. Adapting the framework over model.
14. Please note cementing area.
15. Cementing with Panavia the structure over the Titanium copings.
Distal Bar Technique

Technique used to ease mandible rehabilitation, through a provisional hybrid type prostheses supported by implants.

Neo Distal Bar Coping
- Available in titanium;
- Retainers to ease joining with acrylic resin;
- Recommended torque: 10 N.cm;
- For torque, use Neo Screwdriver (105.132)

Neo Distal Bar
- Recommended for distal implants to reinforce the cantilever.

Polishing Protector
- Available in surgical steel;
- Protection for the lab polishing.

Demonstration Sequence

1. Abutments placed.
2. Prostheses wearing, keeping posterior region integrity.
3. Placing of copings to central Implants and Distal Bar to distal Implants.
4. Proof of inferior prostheses wearing (centered occlusion position, no interference on copings).
5. Placement of rubber dam over copings to protect soft tissue.
6. Applying selfpolymerizing acrylic resin on copings.
7. Applying acrylic resin between copings.
8. Applying to worn area in lower prostheses, repositioning inside mouth, patient in occlusion until total polymerization.
9. Removal of inferior prostheses after resin is polymerized, copings already captured.
10. Wearing, finishing and polishing inferior prostheses with polishing protectors.
11. Provisional implant supported prostheses completed.
12. Final posterior inside-mouth view.
Neodent® Digital Libraries

Visit www.neodent.com/digital-solutions-libraries to download the digital files to work with Neodent® Titanium Bases, Titanium Blocks, Abutments, Mini Conical Abutments, Micro Abutments, Universal Abutments, One Step Hybrid Copings, Scanbodies and Hybrid Repositionable Analogs. Libraries are available for the following companies: exocad GmbH, Amann Girrbach AG Inc, Dental Wings Inc and 3Shape A/S.

Scanbody Impression Coping

Neodent® Scanbodies can be used for scanning and digitalization of the model providing accuracy in determining the analog position.

GM Exact Titanium Blocks

Titanium blocks that allow customization in CAD/CAM systems.
- Provides Neodent® Original Connections;
- Screw is included.

* Use 1.2 Manual Screwdriver (104.007)

Hybrid Repositionable Analog

Neodent® Hybrid Repositionable Analogs can be used in prototyped models, produced by 3D printers, or conventional plaster models.
Neodent® innovates once more, providing an on-line platform designed to provide quick and practical use of its own products instructions: the e-IFU (Instructions For Use) website.

To facilitate access, have the article number, which can be found on the external packaging of the product, in this catalogue or with your local distributor. Once the article number is entered in the website, the professional will have access to relevant information to this product, such as description, indication for use, contraindications, handling, traceability and other features.

Access: ifu.neodent.com.br

Neodent® Torque Wrench
- Available in surgical steel;
- Extremely safe (lower than 5% variation);
- Fitting for square connections;
- Collapsible Wrench that allows for proper assembly cleaning.

Operation Instructions
The Neodent® Torque Wrench was designed to allow the necessary torque to be applied and simultaneous verification of that torque with the same instrument.

The Neodent® Torque Wrench comes with pre-calibrated torques.

The wrench function works in both directions, by simply pulling and turning the driver’s pin 180°. However, the torque measurements work only lockwise.

• WARNING: When inverting the torque direction, the gear may come loose from the driver body and fall. Therefore, this inversion should only be done with the driver connected to a part or outside the patient’s mouth.

To access the IFU website, type the above address in your browser.

Enter in the field search the article number.

The search result is presented below search field, informing the IFU code, the name of the product and countries where the IFU is valid.

The IFU will automatically open in a new window. In case you want to download it, click the save as icon to download in your browser.

Click the “download” button to open the file.
Titanium Tweezers
- To handle implants;
- New Tweezer system that prevents deviation in the active bit;
- Millimeter scale for checking during procedures;
- Self-locking implant.

Depth Probe
- Available in titanium;
- To probe preparations and analyze depth;
- Millimeter scale for checking during procedures.

7 and 9 mm Space Planning Instrument
- Available in surgical steel;
- Recommended for prosthetic/surgical planning;
- 7 and 9 mm marks.

Surgical Labial Retractor
- Available in surgical steel;
- Rounded edges to minimize surgical trauma.

Columbia Retractor
- Available in surgical steel;
- Rounded edges to minimize surgical trauma.

Scapel Handle
- Available in surgical steel;
- For standard scalpel blade use;
- Blade not included.

Bvers Handle
- Available in surgical steel;
- Non-traumatic extraction for implant placement;
- Similar to a periodontal.

Concave Osteotome
- Available in surgical steel;
- Concave active cutting bit for nontraumatic lifting the floor of the maxillary sinus;
- Used to prepare the surgical alveolus for Implant placement in the posterior maxillary region with low bone height;
- Marks from 7 to 17 mm.

Convex Osteotome
- Available in surgical steel;
- Convex active bit;
- Used when the bone width is insufficient, demanding bone compression and expansion before placing the implant;
- Marks from 7 to 17 mm.

Osteotomes Kit Case
- Available in polymer;
- Autoclavable;
- Osteotomes sold separately.
Surgical Hammer
- Available in surgical steel;
- Polymer active bit;
- Used in compactors and expanders;
- Weight: 130g.

Trephine Bur
- Available in surgical steel;
- Collecting bone cylinder;
- Implant removal.
- Ø 3.3 Ø 4.1 Ø 4.3 Ø 5.0 Ø 8.0

Sinus Lift Curette
- Available in surgical steel;
- Used to displace the Sinusal Membrane.

Complement Case
- Available in autoclavable polymer;
- Used to organize drills and ancillary connections.

Disposable Bone Scraper
- Used to remove autogenous bone;
- Single use;
- Supplied sterile.

Disposable Bone Collector
- Available in polymer;
- To collect autogenous bone;
- Single use;
- Adaptable to vacuum pump;
- Includes two disposable sieves;
- Use second tip for saliva suction (watch for contamination).

Collector Sieve
- 107.003 107.008

Collector
- 107.003 107.008

Disposabale Bone Scraper
- Ø 0.35 mm

Disposable Bone Collector
**Handle Implant Driver**
- Available in stainless steel;

**Analog Handle**
- Used for tightening analogs and milling prosthetic abutments.

**Prosthetic Surgical Guide**
- Available in titanium;
- Abutments to prepare the surgical guide;
- Prosthetic guide inner diameter 2 mm;
- Heights 6 and 10 mm;
- Surgical Guide: package with 10 units (5 units of 10 mm and 5 units of 6 mm);
- Surgical Guide Pin: package with 5 units.

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**ILAPEO**

Neodent kładzie dużą wagę na edukację i szkolenia w celu zapewnienia jakości oraz standardów leczenia i opieki nad pacjentem. Czyni to poprzez ILAPEO (Latin American Institute of Dental Education), jeden z największych na świecie ośrodków szkolenia dedykowany implantologii, który oferuje kursy dla tysięcy uczestników z całego świata każdego roku. ILAPEO proponuje kursy podyplomowe i kursy mistrzowskie dla klinicystów. Jest to wspaniały powód, aby odwiedzić Brazylię.

**NEODENT - DOŻYWOTNIA GWARANCJA**

Celem programu Neodent Originals jest zapewnienie jakości i trwałości produktów Neodent. Dlatego stomatologzy, którzy używają w swoich procedurach produktów Neodent mogą liczyć na gwarancję dotyczącą każdego rozwiązania.

**IMPLANTY:** Dożywotnia gwarancja. Wymiana na taki sam lub podobny implant.

**KOMPONENTY IMPLANTÓW:** 10 lat gwarancji na łączniki metalowe.
Znakomity marketing Neodent usprawni Twoją komunikację z pacjentami.

Odwiedź nową stronę dla pacjentów Neodent:

www.mojimplant.com.pl