



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.



Available in more than 80 countries with over 3 million implants sold annually.



FOUNDED BY A DENTIST TO DENTISTS

A legacy of 30 years focused on ease of use.

PROGRESSIVE TREATMENT CONCEPTS

Modern and reliable solutions.



THERAPY ACCESS
AND AFFORDABILITY

Acessability to proven and affordable solutions.

In 2023 Neodent® will celebrate all achievements that brought the brand here! There are many reasons to celebrate, and you can follow all of them on Neodent digital channels. Follow us to learn more about the company's history, philosophy, and solutions.

NEODENT GLOBAL PLAY

Neodent Global Play is an amazing Training and Education online platform that gathers great content available **on-demand and for free**. You will find out clinical cases, product training videos, tutorials, and much more!

Registration is simple and automatic, you only need to fill out the form to have instant access to all the great content.



Check at the address: globalplay.neodent.com

Helix® Grand Morse®

Unbeatable versatility

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**

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.



1 Platform Switching

Abutment design with a narrower diameter than the implant coronal area, enabling the platform switching concept⁽¹⁻⁵⁾.



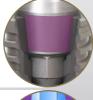
2 Internal Indexation

Precise abutment positioning, protection against rotation and easy handling.



3 Deep Connection

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



4 16° Morse Taper Connection

Designed to ensure tight fit for an optimal connection sealing.



GRAND STABILITY

DESIGNED FOR PREDICTABLE IMMEDIATE TREATMENTS IN ALL BONE TYPES

The increasing expectations for shortened treatment duration represent a significant challenge for dental professionals. The Neodent® Grand Morse® system offers a unique implant design featuring the innovative Acqua hydrophilic surface designed to maximize primary stability and predictability in immediate protocols.

OPTIMAL IMPLANT DESIGNED TO ACHIEVE HIGH PRIMARY STABILITY

Helix® Grand Morse® is an innovative hybrid implant design maximizing treatment options and efficiency in all bone types.

ACOUA HYDROPHILIC SURFACE

The Neodent® Acqua

to achieve successful

PREDICTABILITY

DESIGNED FOR HIGH TREATMENT

hydrophilic surface is the next

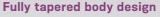
S.L.A. type of surface developed

level of the highly successful

outcomes even in challenging

situations, such as soft bone

or immediate protocols. [6-9]



- Coronal: 2° 12°
- Apex: 16°
- » Allowing under-osteotomy

Hybrid contour

- Coronal: Cylindrical
- » For stability with vertical

- Apex: Conical
- placement flexibility

Dynamic progressive thread design

- Coronal: Trapezoidal > compressing
- Apex: V-Shape > Self-
- » Achieving high primary stability in all bone types



Acqua Hydrophilic Surface

Hydrophilicity:

The hydrophilic surface presents a smaller contact angle when in contact with liquids. This provides greater accessibility of organic fluids to Acqua implant surface.(7)



- Soft rounded small tip
- Helical flutes
- » Enabling immediate loading



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 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.



















Titanium Base AS















Single-unit cementretained prosthesis



Overdenture



/lulti-unit cement-



Temporary



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 restoratives steps.

ONE PROSTHETIC PLATFORM

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



ONE SCREWDRIVER

The Neo Screwdriver has a star attachment offering reliability and durability compatible with all Neodent® Grand Morse® healing abutments and cover screws and most of the restorative screws.



driver allows an easy and reliable implant





Intuitive and functional compact surgical kit, that allows the place of Helix GM® implants in all bone types.



Zygoma **GM™**



109.1052 109.1053

109.1054

109.1055

109.1056



109.1050

109.1051

NeoPoros **109.1049**

Zygoma GM™ Surgical Kit Autoclavable polymer case. ND-Zygoma GM Kit

109.1057

109.1058

The procedure can start guided. Check the instruments for more information

Helix GM® Long

Drill Sequence



17° 128.032

30° **128.033**

103.424

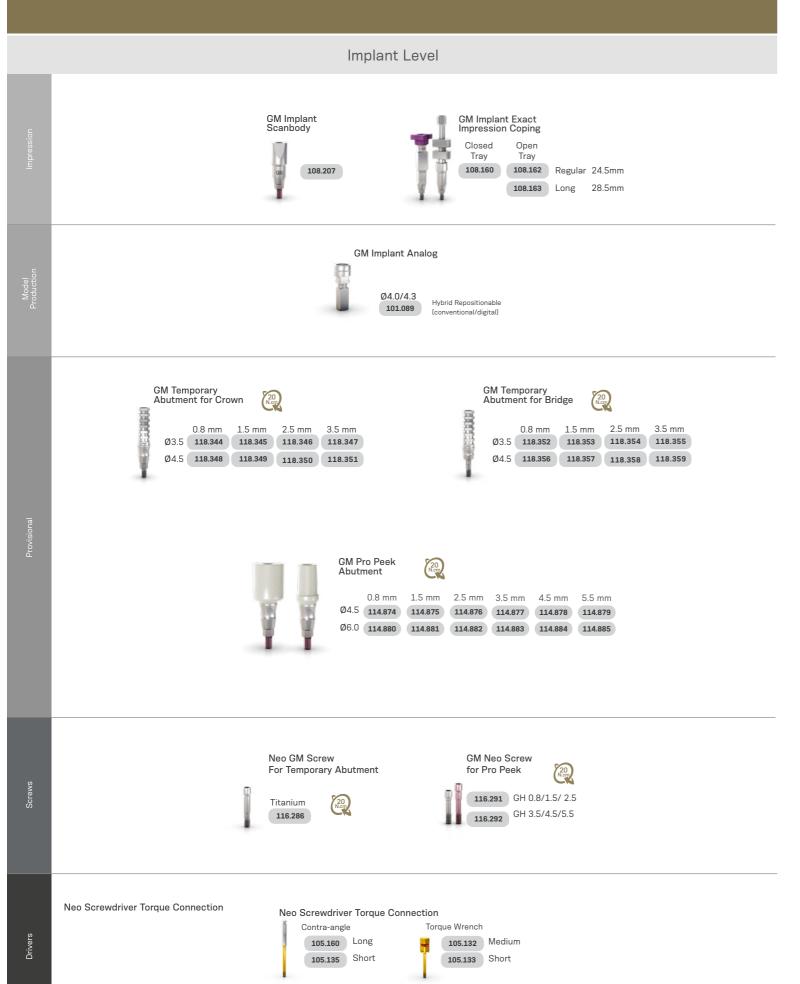


The procedure can be with Guided Surgery. Check the instruments for more information.

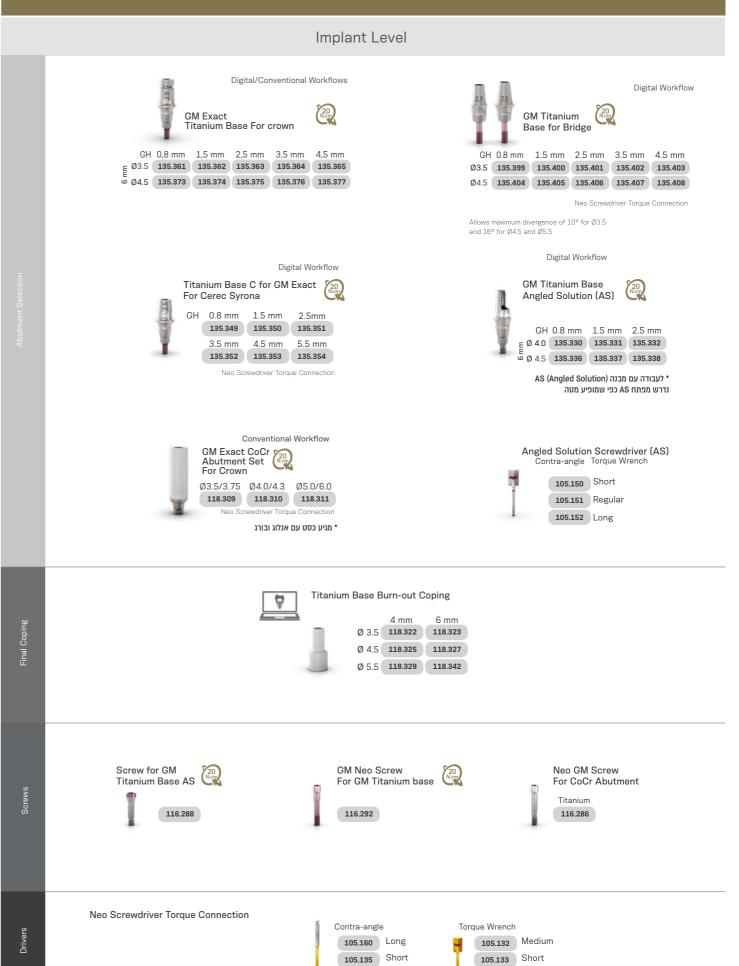


Ø 5.5 106.223 106.224 106.225

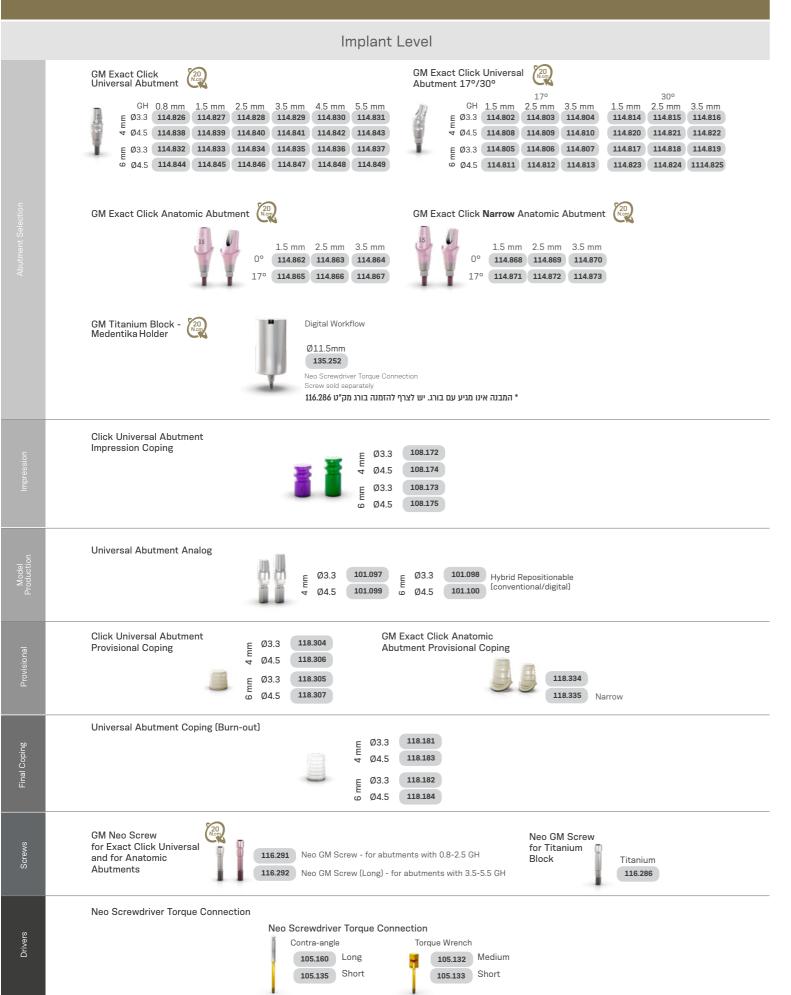
Impression Coping / Temporary solutions



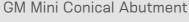
Titanium Base (T-base) and CoCr Abutments

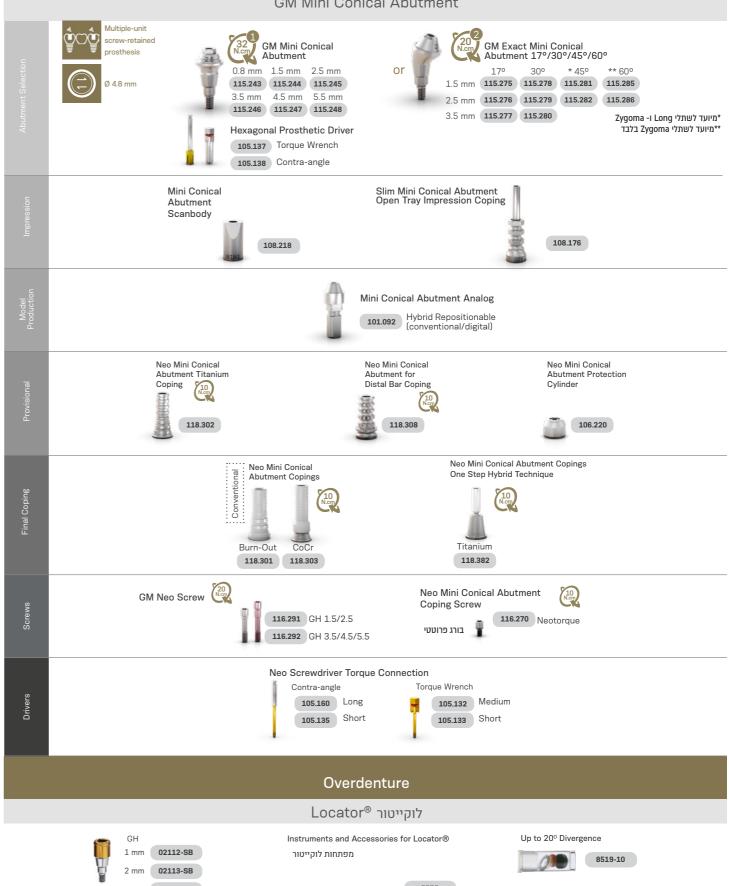


Cement Retained Solutions



Screw Retained Solutions







Measurements GM Universal Abutment

4 mm chimney height / Ø 3.3 / 30° 4 mm chimney height / Ø 3.3 / 17° 4 mm chimney height / \emptyset 4.5 / 17° 4 mm chimney height / Ø 4.5 / 30° 114.821 6 mm chimney height / Ø 3.3 / 17° 6 mm chimney height / Ø 3.3 / 30° 114.805 114.807 114.817 114.818 6 mm chimney height / Ø 4.5 / 17° 6 mm chimney height / Ø 4.5 / 30°

114.824

Measurements GM Anatomic Abutment









Measurements GM Mini Conical Abutment







60°*

9 9 9

115.285

*The 45° Mini Conical Abutment is indicated for use only with Helix GM $^{\circ}$ Long and Zygoma GM $^{\circ}$.

*The 60° Mini Conical Abutment is indicated for use only with Zygoma GM™.

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Helix GM® Compact Kit Control Stop Drills

Autoclavable polymer case.

The Kit allows the installation of Helix GM® Implants in all bone types, using the Neodent® Control Stop Drills.



Control Drill Stop Kit

Autoclavable polymer case.

The Kit allows the sterilization and engagement of Neodent® Control Drill Stops on the drills.



Grand Morse® Prosthetic Kit

Autoclavable polymer case.



Grand Morse® Try-In Kit

Autoclavable polymer case



Neodent® EasyGuide Kit for Narrow/Regular Diameter Implants

Autoclavable polymer case.

The kit allows the installation of Helix GM $^{\circ}$ Implants of Ø3.5 and Ø3.75 in all bone types, using the Neodent $^{\circ}$ EasyGuide Guided Surgery Technique.



Neodent® EasyGuide Kit for Regular/Wide Diameter Implants

Autoclavable polymer case.

The kit allows the installation of Helix GM $^{\odot}$ Implants of Ø4.0, Ø4.3 and Ø5.0 in all bone types, using the Neodent $^{\odot}$ EasyGuide Guided Surgery Technique.



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.



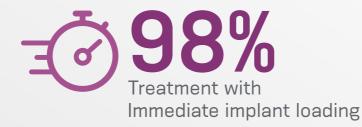
- 16



Purpose:

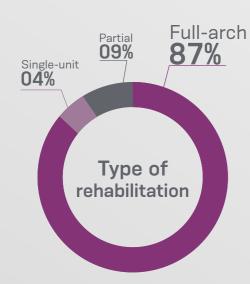
The aim of this retrospective study was to report the survival rate of a novel hybrid hydrophilic dental implant design for all bone types.

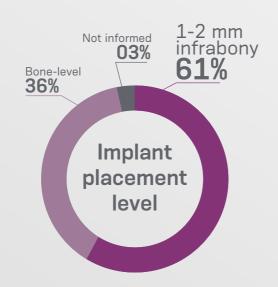
99.6%
Implant survival rate
in all bone types











Conclusion:

An overall survival rate of 99.6% was found for hydrophilic hybrid dental implants when placed in all bone types.

1. Thomé G, Cartelli CA, Vianna CP, Trojan LC. Retrospective Clinical Study of 453 Novel Tapered Implants Placed in All Bone Types: Survival Rate Analysis Up to 2 Years of Follow-Up. Int J Oral Maxillofac Implants. 2020;35(4):757-761. [https://pubmed.ncbi.nlm.nih.gov/32724928/]

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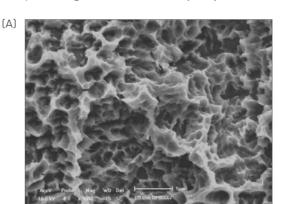
NeoPoros

Constant evolution and safety guarantee.

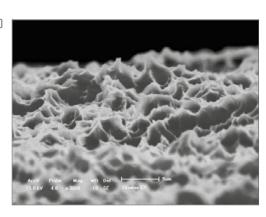
Based on the abrasive sandblasting concept followed by acid etching, the **NeoPoros** surface promotes, by using controlled grain oxides, cavities on the implant surface that then are uniformed with the acid etching technique.

The whole process of obtaining this surface is guaranteed due to automated time, speed, pressure and particle size control.

Several scientific studies continue to be performed so that the **NeoPoros** surface may be always evolving and promoting much more reliability for you.



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Controlled roughness on all implant surface. Scanning electron microscopy (A) shows macro (15-30µm) and (B) microtopography (0,3 - 1,3µm).

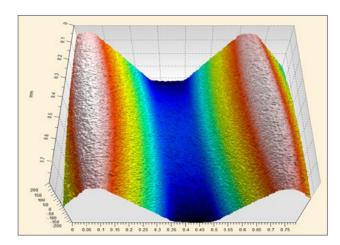


Image taken by confocal microscopy. Roughness and Microtopography. (Sa= 1,4 - 1,8 µm; Sz= 15 µm).

MRK.056.Rev.03

תמיד לשירותך

משפחת ה.א שיטות

מנהלי תיקי לקוחות



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אורי חמישה 054-3328791 אזור דרום וירושלים



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