

# NEODENT® POSTERIOR SOLUTION OVERVIEW

## SURGICAL

- ✓ Same Grand Morse® Connection.
- ✓ Same Grand Morse® Surgical Kit and Instrumentals.
- ✓ Same Grand Morse® Prosthetic Kit and Drivers.

### Implants

Brand	Ø 6.0	Ø 7.0	Ø 6.0	Ø 7.0	Ø 6.0	Ø 7.0	Ø 6.0	Ø 7.0
Acqua	140.1009	140.1059	140.1010	140.1060	140.1011	140.1061	140.1012	140.1062
Neoporos	109.1009	109.1059	109.1010	109.1060	109.1011	109.1061	109.1012	109.1062

Place them in the GM® Helix® Compact Kit

### GM Healing Abutments

	GH 1.5mm	GH 2.5mm	GH 3.5mm	GH 4.5mm
Ø 5.5	106.250	106.251	106.252	106.253
Ø 6.5	106.254	106.255	106.256	106.257

### Customizable Healing Abutments

	GH 1.5mm	GH 2.5mm	GH 3.5mm	GH 4.5mm	GH 5.5mm	GH 6.5mm
Ø 5.5	106.223	106.224	106.225	106.226	106.227	
Ø 7.0	106.228	106.229	106.230	106.231	106.232	

Neo Manual Screwdriver (short) 104.058 (medium) 104.060

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

## PROSTHETIC

### Abutments

	GH 0.8mm	GH 1.5mm	GH 2.5mm	GH 3.5mm	GH 4.5mm
CH 4mm Ø 5.5	135.284	135.285	135.286	135.287	135.288
CH 6mm Ø 5.5	135.290	135.291	135.292	135.293	135.294
CH 4mm Ø 6.5	135.319	135.320	135.321	135.322	
CH 6mm Ø 6.5	135.323	135.324	135.325	135.326	

20 N.cm

:: Use the Screwdriver Torque Connection - Torque Wrench (105.132).

### Final Restorations

#### Conventional

GM Titanium Base Burn-out Coping Ø 5.5

- 4mm 118.329
- 6mm 118.342

#### Digital

GM Hybrid Repositionable Analog

- Ø 5.0/6.0/7.0 101.090



For the available Digital Solutions, please visit <http://en.neodent.com.br/libraries-cadcam> or contact your local distributor

Indications: all clinical situations and different bone densities. Placement in bone type III and IV (with possibility of subinstrumentation), I and II with the use of contour drills.  
\*Recommended for Impression Copings and Abutment Copings for screw-retained prostheses.  
Drilling speed: 800 - 1200 rpm for type I and II bones; 500 - 800 rpm for type III and IV bones | Placement speed: 30 rpm | Maximum insertion torque: 60 N.cm  
\*Recommended for Impression Copings and Abutment Copings for screw-retained prostheses.

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A SMILE FOR EVERYONE  
POSTERIOR IMPLANT SOLUTION.



## IMMEDIATE PLACEMENT IN CHALLENGING POST EXTRACTION SOCKETS

Immediate implant placement gained attention since it offers the advantages of reducing surgical intervention and treatment compared to conventional placement.<sup>(1)</sup>

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.<sup>(2,3)</sup>

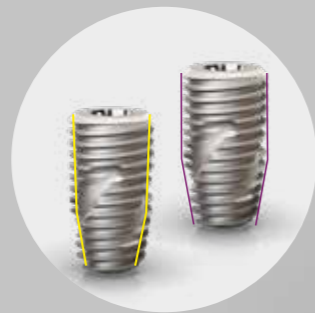
The Neodent® Grand Morse® Helix® Ø6.0mm implant was developed to efficiently treat post extraction sockets and satisfy patient's high expectations.

To reach the market needs, was expanded the Posterior Solution with more options for post-extraction sockets in molar regions. This is the reason why Neodent® Grand Morse® Helix® Ø7.0mm implant was developed as well.

## IMMEDIATE IMPLANT PLACEMENT WITH AN OPTIMIZED WIDE IMPLANT DESIGN

DESIGNED TO ACHIEVE HIGH PRIMARY STABILITY IN WIDE POST EXTRACTION SOCKETS

In posterior regions, where the molar fresh socket is wider, the Grand Morse® Helix® Ø 6.0 mm implant, and the new Ø 7.0 mm implant are recommended because of their wider diameter that reduces the gap, between the post-extraction socket and the implant itself reaching primary stability through anchoring themselves to the socket walls.



GRAND MORSE™ HELIX™ – THE UNBEATABLE VERSATILITY

The Grand Morse® Helix® has an innovative implant design combining a full dual-tapered body design and a hybrid outer contour: cylindrical on coronal area and conical on the apical part maximizing treatment options and efficiency in all bone types.



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

THE WIDE HEALING ABUTMENTS WERE DESIGNED TO MAINTAIN THE MOLAR EMERGENCE PROFILE

The Neodent® Grand Morse® Implant System has healing abutments made from Titanium and PEEK with wide emergence profiles of Ø5.5mm and Ø6.5 mm for Titanium and Ø 5.0 mm and Ø 7.0 mm for PEEK (customizable) in diameter. They are designed to maintain space for a natural-looking molar emergence profile and physiology.

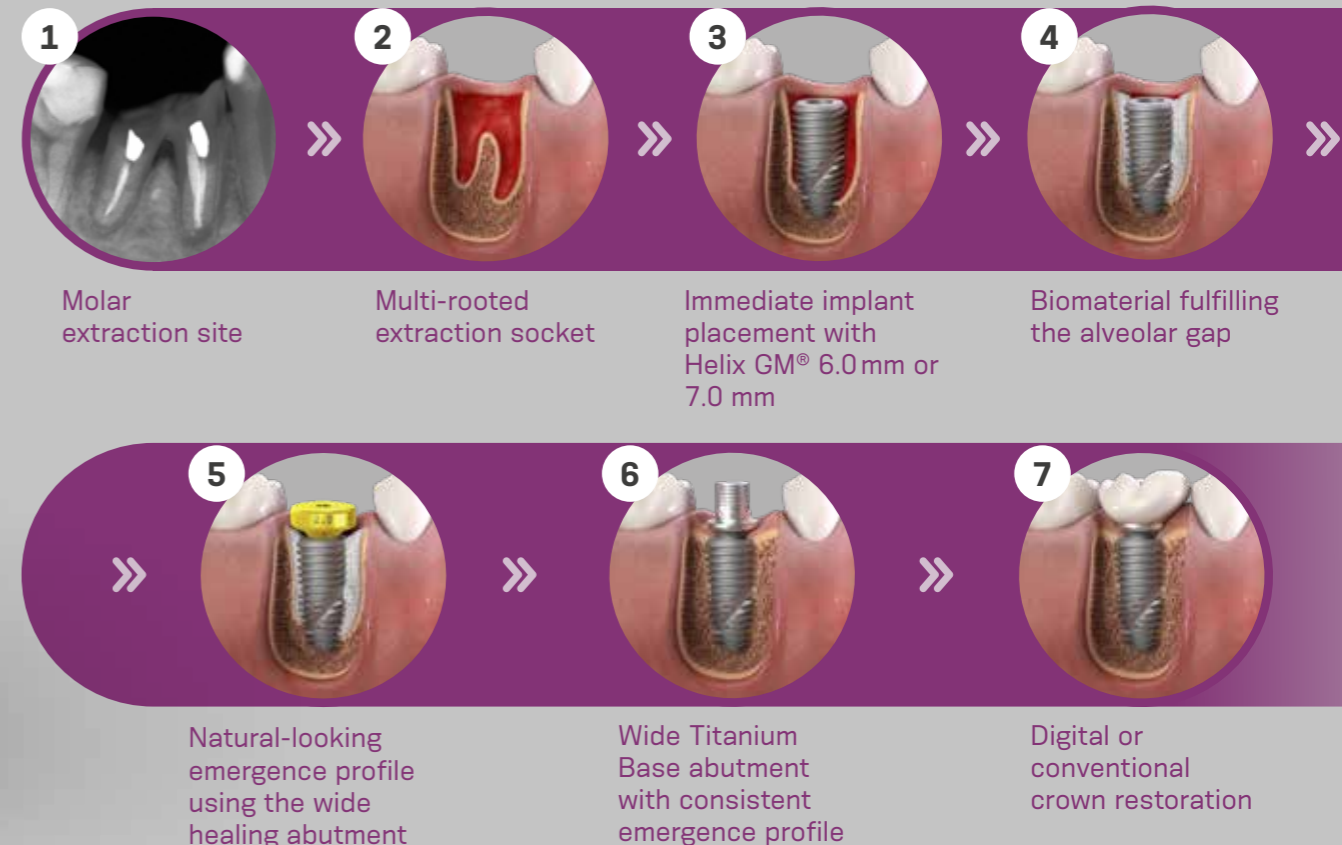


DESIGNED FOR CONSISTENT EMERGENCE PROFILE FOR EXCELLENT ESTHETIC OUTCOMES

The restorative portfolio of the Neodent® Grand Morse® Implant System includes a wide Ø 5.5 mm, and a new Ø 6.5 mm titanium base with a consistent soft tissue management profile and flexible gingiva heights for respecting the biological distances to achieve esthetic excellence.<sup>(4)</sup>



## IMMEDIATE IMPLANT PLACEMENT IN POST EXTRACTION SOCKETS WORKFLOW



(1) Barone A, Toti P, Quaranta A, Derchi G, Covani U. The Clinical Outcomes of Immediate Versus Delayed Restoration Procedures on Immediate Implants: A Comparative Cohort Study for Single-Tooth Replacement. Clin Implant Dent Relat Res. 2015;17(6):1114-26.  
 (2) Schwartz-Arad D, Grossman Y, Chaushu G. The clinical effectiveness of implants placed immediately into fresh extraction sites of molar teeth. J Periodontol. 2000;71(5):839-844.  
 (3) Araújo MG, Wennström JL, Lindhe J. Modeling of the buccal and lingual bone walls of fresh extraction sites following implant installation. Clin Oral Implants Res. 2006;17(6):606-614.  
 (4) Cafiero C, Annibali S, Gherlone E, Grassi FR, Gualini F, Magliano A, Romeo E, Tonelli P, Lang NP, Salvi GE; ITI Study Group Italia. Immediate transmucosal implant placement in molar extraction sites: a 12-month prospective multicenter cohort study. Clin Oral Implants Res. 2008;19(5):476-482.