A SMILE FOR EVERYONE.

NEODENT® NEOARCH®
IMMEDIATE FIXED FULL-ARCH SOLUTION.
A UNIQUE PURPOSE

Creating new smiles everyday.

Founded by a dentist for dentists, with the purpose of changing lives. Neodent® is the 2nd largest dental implant company in the world which offers outstanding product performance with a proven track record of clinical success. Neodent’s solutions focus on progressive treatment concepts, such as immediacy, which enables the advancement of dentistry and affordability to create new smiles every day.

- 2nd largest dental implant company*
- Available over 40 countries
- 25 years of history
- More than two decades focused on enabling implant dentistry
- Clinical trust: 45K+ dentists
- One of the largest network of dental professionals.
- Clinical success
  - 1.6M+ implants sold per year
- Clinical proof
  - 250+ studies

*data on file
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. It allows to significantly improve patient satisfaction and quality of live by immediately restoring function and esthetics \[^1\].

- Tilted posterior implants avoid the use of grafting procedures \[^2\].
- Optimized implant design to achieve high primary stability in all bone types \[^3\].
- The Neodent® hydrophilic surface, Acqua has been designed for immediate access of blood to the implant surface.

Immediate function resulting in shorter treatment times.

- 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 natural esthetics with versatile restorative options.

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

Immediate peace of mind thanks to a stable foundation.
THE NEXT LEVEL OF IMMEDIATE FIXED FULL-ARCH

The NeoArch® Grand Morse® combines Neodent’s® technologies designed to enhance immediate full-arch rehabilitation. The Grand Morse® stability, the Helix® versatility, the Acqua surface predictability, and optimized Mini Conical abutment shape all combined, maximize NeoArch® efficiency: one implant, one connection, one abutment.

Grand Morse® connection: a stable and strong foundation designed for long term success.

- One prosthetic connection for all Grand Morse® Implants: ease of use.
- 16º Morse Taper connection: designed to ensure a tight fit for an optimal connection seal.
- Platform switching morse taper connection: fulfils the platform switching concept
- Deep Morse taper connection: designed for optimal load distribution.
- Internal Indexation: precise abutment positioning, protection against rotation and easy handling.
Angled Mini Conical Abutment:
immediate natural-looking esthetics.

- Optimized emergence profile: reducing the need of bone profiling.
- Several gingival height options: adapting to tissues availability.
- Optimal angulation of 17º and 30º fitting to patient anatomy.
- Short core, wide angle: maximizing passive fit and angulation compensation.

Grand Morse® Helix®:
unbeatable versatility.

- Fully tapered body design: allows for under prepping of the osteotomy.
- Hybrid contour: enabling stability with vertical placement flexibility.
- Dynamic progressive thread design: designed to achieve high primary stability in all bone types.
- Active apex: self-tapping.

Acqua surface:
high treatment predictability.

- Sand-blasted Large grit and Acid etched surface: NeoPoros highly successful surface.
- Hydrophilic surface: immediate greater surface accessibility.

Comprehensive restorative solutions: meet all patient expectations.

Meet patient stability and comfort expectations thanks to comprehensive custom made milled frameworks for provisional or final restoration at the abutment level using a broad range of material and any workflows.

Provisional fixed prosthesis  <->  Final fixed prosthesis

- Straumann® CARES®/Createch Medical Milling center solution
- Straumann® M series/Zirkonzahn M4 In-house milling solution
- Conventional manufacturing solution

One Step Hybrid
High surgical and restorative predictability.

A retrospective cases analysis demonstrated the high predictability of the Neodent® Grand Morse® implant system by achieving high survival rate of 99.2% from 308 GM implants placed with a follow up of 18 months in all indications: from single to edentulous. 61 (28 in upper jaw and 33 in lower jaw) NeoArch® has performed and achieved a success rate of 100%.

CLINICALLY PROVEN BY DENTISTS AROUND THE WORLD

ILAPEO university retrospective study, data on file
Dr. José Vallejo
Graduated in Dentistry. Complutense University (Madrid). Implanto-Prosthetic specialist. Complutense University (Madrid). Master in Oral Surgery and Temporomandibular Joint (TMJ) - Jiménez Díaz Foundation. Speaker at courses, presentations and workshops regarding restorative dentistry and implantology in several national and international congresses.

"The most important characteristic we look for implant system is inside this definition: it has to behave as a real system, covering all surgical and prosthetic needs. These advantages are improved on specific patients, who need full-arch rehabilitation, associated with a big bone resorption. Enhanced protocols, as the NeoArch®️, prove an easy solution in this kind of patients with a huge success rate during more than 30 years, and increasing the results with the addition with specific implants and specific drilling protocols designed for immediate loading with subcrestal placement, and optimized with cone morse connection, allowing immediate loading esthetic and functional results associated to morse-taper precision fit, with no micromovements and no biological microfiltration."

Dr. Joe Bhat
Speaker at courses, presentations and workshops regarding restorative dentistry and implantology in several national and international congresses.

"NeoArch®️ is, as part of a surgical-prosthetic team, the full-arch perfect solution for patients with huge bone lost, improving all the benefits for the surgeon, getting primary stability implant design with the best micro surface and an easy surgical protocol, avoiding surgical invasive procedures as sinus lift surgeries. As clinician and knowing the benefits of this kind of protocols we must be trained to be able to approach them with guarantee and predictability, since protocols from the past have no place from the biological point of view and are less and less accepted by our patients."

Dra. Arantza Rodríguez
Speaker at courses, presentations and workshops regarding restorative dentistry and implantology in several national and international congresses.

"The company and the team from the industry makes one of the most important criteria's in implant selection. The support and the product knowledge from the industry is critical in good clinical management of a patient. The second most important feature is the ease of use: simple surgical steps and predictable restoration protocols. The new Neodent®️ GM implant system has revolutionized my full arch rehabilitation case management. This implant system has excellent history, very high primary stability and very simple prosthetic portfolio that is easy to understand and execute. It makes it more affordable for the patient and therefore avoids the need for undertaking more aggressive treatment plans like bridge preparations that makes the long-term prognosis of their dentition far more predictable."

Dr. Luis Eduardo Marques Padovan
Master and Doctor of Surgery and Maxillofacial Universidade Estadual Paulista UNESP – ARAÇATUBA; Prof Associate Fellow of the AMERICAN ACADEMY OF IMPLANT DENTISTRY – AAD; Professor of Postgraduate Course Doctor – Master in Implantology of the Latin American Institute of Research and Dental Education – ILAPEO – Curitiba – PR.

"The full-arch rehabilitation is a challenge in dental practice, and requires from the professional a properly planning phase. The indication of osseointegrated implants for this type of treatment requires solutions that offer reliability, simplicity and precision in the results, restoring function and esthetic in a predictable way for the patient. With the advances in implant systems, such as Neodent®️ Grand Morse®️ connections and the improved surfaces, we are able to indicate the fixed full-arch solution on 4 implants using the immediate loading technique, providing immediacy in the treatment and a major confidence for the patients to smile."

Dr. ¿Joe Bhat
Speaker at courses, presentations and workshops regarding restorative dentistry and implantology in several national and international congresses.

"The most important characteristic we look for implant system is inside this definition: it has to behave as a real system, covering all surgical and prosthetic needs. These advantages are improved on specific patients, who need full-arch rehabilitation, associated with a big bone resorption. Enhanced protocols, as the NeoArch®, prove an easy solution in this kind of patients with a huge success rate during more than 30 years, and increasing the results with the addition with specific implants and specific drilling protocols designed for immediate loading with subcrestal placement, and optimized with cone morse connection, allowing immediate loading esthetic and functional results associated to morse-taper precision fit, with no micromovements and no biological microfiltration."
CLINICAL CASE

Grand Morse® Lower Jaw NeoArch®.

1. Image, before teeth extraction.
2. 3-4 months after teeth extractions and immediate denture.
3. Initial view of the lower jaw.
4. Tomography analysis and implant planning.
5. Angle measurer of 17° after drill 2.0 checking the final abutment positioning.

6. Implants placed.
7. Checking final 17° angled implant positioning according to the antagonist arch.
8. Checking final 30° angled implant positioning according to the antagonist arch.
10. Splinting open tray impression copings over mini conical abutment with multifunctional guide.
15. Final tomography right after the surgery.


17. Final panoramic image with the bar positioned on Neodent® abutments.

Clinical Case by Dr. Geninho Thomé.
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