A full implant system utilizing an internal Morse taper (CM) connection
Combining the advantages of a Morse taper (CM) connection with a choice of implant body design, the CM implant system offers a wide variety of choices to address virtually any current clinical situation.

**Design advantages**

Based on the advantages of different implant body designs, thread designs, cutting grooves and a Morse taper (CM) connection

The subcrestal placement of the implant creates an esthetic and natural emergence profile with improved bone and papilla preservation\(^1,2\)
A highly esthetic and predictable result
Designed to enhance the peri-implant soft tissue

The tapered connection of CM implants has been designed to:

- Allow for optimal force distribution
- Reduce the occurrence of micro-movement
- Create a hermetic seal to reduce bacterial colonization
- Provide abutments with excellent mechanical stability

Less traumatic procedures
Excellent adaptation of the soft tissue can be achieved by reducing the number of procedures on the implant-abutment connection through the concept of “one abutment at one time”

Images taken in the Integrated Laboratory materials of Neodent (LIM) – Curitiba - PR - Brazil

Images of clinical case courtesy of ILAPEO - Curitiba - PR - Brazil
A design for every indication

A wide range of options to deal with virtually any clinical situation

**AlvimCM**

Offers a reliable solution for dealing with the majority of cases due to its tapered design. Its conical body provides optimal primary stability and makes it particularly indicated for type-III and type-IV bone and extraction sockets.

**TitamaxCM**

Its cylindrical-conical design and high bone-expansion thread pattern design mean it is indicated for type-III and type-IV bone, with the aim of achieving good levels of primary stability.

**DriveCM**

Especially indicated for obtaining high primary stability. Its conical shape and thread design make it particularly indicated for type-III and type-IV bone, extraction sockets, and immediate loading.

**TitamaxCM Ex**

Implant design with self-tapping, cylindrical body, especially indicated for type-I and type-II bone due to the design of its apex and cutting threads.
Prosthetic simplicity for an esthetic result

Offering a wide range of prosthetic options for increased flexibility

The CM Implant line offers a unique prosthetic connection for all diameters of implants simplifying the prosthetic planning process. While there are multiple diameters of implants to meet your clinical needs, there is one connection size for simplicity and ease of ordering.

| Ø 3.5 | Ø 3.75 | Ø 4.0 | Ø 5.0 |

Screw-retained

- CM Abutment (single-unit)
- CM Micro Conical Abutment (multiple-unit)
- CM Mini Conical Abutment (multiple-unit)
- 17°/30° CM Mini Conical Abutment (multiple-unit)

Cement-retained

- CM Universal Abutment
- 17°/30° CM Universal Abutment
- CM Anatomic Abutment

CM Exact

The CM Exact line of abutments include at the end of the cone, a hex index that allows for positioning the prosthesis in the implant (prosthetic indexing), adding even more versatility to the CM line.

* Available for CM Anatomical Abutments and CM Universal Abutments
The solution for difficult situations

Titamax WS range of short implants

Due to its special design, the WS range of implants is particularly suited to deal with situations where there is reduced bone availability.

Exclusive prosthetic solutions

The WS range of implants has an exclusive portfolio of prosthetic options that have been designed for optimal system performance.

Screw-retained

- WS Abutment (single-unit)
- WS Mini Conical Abutment (multiple-unit)

Cement-retained

- WS Universal Abutment (single-unit)
Innovation and technology

NeoPoros, a unique surface with a history of more than 10 years

The NeoPoros surface was developed using a process of sand blasting and acid etching.

Through automated control in our state-of-the-art factory, the process for creating this surface is maintained.

Scanning electron microscope (SEM) images of the Neoporos surface at 2000X and 3000X amplification (images 1 and 2 respectively) show controlled roughness with a pore size of between 2.5 and 5.0μm across the surface of the implant. The uniform roughness results in a surface topography optimized for osseointegration.

Bone to implant contact (BIC) histological performance at 15 and 30 days

The formation of new bone at an early stage after implant placement demonstrates the excellent performance of the NeoPoros surface.
CM implant system
Esthetically Simple

- Features a Morse taper connection for a secure fit;
- Designed to establish peri-implant stability, preserve crestal bone and aid in the formation of papilla;
- Single prosthetic interface, regardless of the implant diameter;
- Wide range of implant and prosthetic solutions for managing all types of clinical situations including immediate loading.

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