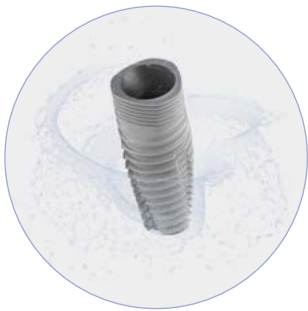




NextGen Simplicity

MIS LYNX is an all-in-one implant system that takes simplicity to new heights. With single-use drills included with every implant, the MIS CLEAR™ wet surface, and a broad prosthetic range, MIS LYNX offers clinicians a reliable and valuable choice.



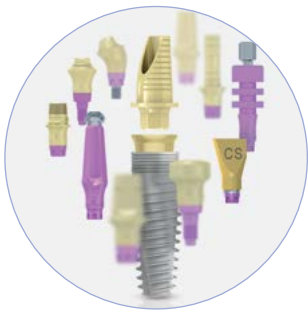
Adaptive Placement for Surgical Simplicity

MIS LYNX’s distinctive design promotes flexibility and reliability in implant procedures.



Single-Use Drills with Every Implant for Surgical Efficiency

MIS LYNX includes sharp and sterile drills in every package, providing a simplified drilling procedure while maintaining strict hygiene protocols.



Restorative Versatility for Esthetics Excellence

MIS LYNX offers a wide range of prosthetics, reducing workflow complexity by streamlining the process and empowering flexible, efficient, and esthetic results.

Warning: Risks associated with the implant procedure include but are not limited to aspiration, inflammation, nerve damage, perforation of the sinus, and pain. For a full list of risks, refer to the device Instructions for Use. Be sure to discuss with your patient about all potential risks associated with implants and the procedure.

IMPLANT RANGE	D\L	6mm	8mm	10mm	11.50mm	13mm	16mm
	Ø3.30			LNXC-10330	LNXC-11330	LNXC-13330	LNXC-16330
	Ø3.75		LNXC-08375	LNXC-10375	LNXC-11375	LNXC-13375	LNXC-16375
	Ø4.20	LNXC-06420	LNXC-08420	LNXC-10420	LNXC-11420	LNXC-13420	LNXC-16420
	Ø5	LNXC-06500	LNXC-08500	LNXC-10500	LNXC-11500	LNXC-13500	LNXC-16500



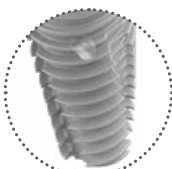
Fast Forward to Stability

MIS LYNX was designed for sufficient primary stability in different bone qualities, and sufficient primary stability in extraction sites. ^[1-2]



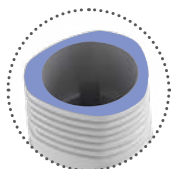
XD Drills

Full drilling procedure in every implant package



CLEAR™ Surface

Ensures the implant's super-hydrophilicity and quality are maintained from production to placement. ^[3]



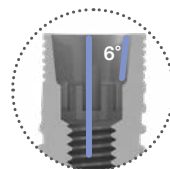
Platform Switching

Together with the concave emergence profile of an abutment, the implant provides space and support for soft tissue. ^[1]



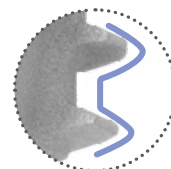
Triangular Neck

Flat surface positioning enables flexibility in implant placement. ^[1]



6° conical connection (12° overall)

All MIS conical connection implant systems share a uniform internal connection design and restorative portfolio.



Thread Design

Enables self-drilling (for implant lengths 8-16 mm) and torque reduction (for implants of all lengths). ^[4]

1 Applicable to implant lengths 8-16 mm.

2 Data on file (Insertion torque bench testing performed in different bone replicas of healed sites and on post-extraction sockets).

3 A surface is super-hydrophilic if the contact angle of a liquid droplet on a solid surface is equal to zero degrees. Data on file (Sessile drop contact angle bench testing).

4 Data on file (Torque bench testing).

PACKAGE CONTENT



XD SINGLE-USE DRILLS

Unique in the market, MIS includes sharp and sterile drills in every package, providing a simplified drilling procedure while maintaining strict hygiene protocols.

Single-Use

XD drills are used once per procedure, ensuring strict clinical hygiene protocols for clinicians and patients. Using single-use drills may reduce the risk of possible cross-contamination and infection.

Sharp

Using sharp, single-use drills in every drilling procedure helps avoid the effects of using worn or deformed reusable drills.

Sterile

XD drills eliminate the need for pre-surgery sterilization.

Solid

XD drills are designed for depth control, with clear depth markings, providing visibility and promoting confidence in every drilling procedure.

Simple

The MIS XD drilling procedure is simplified and quick, eliminating the need for additional reprocessing in a surgical kit, as the drills are sterile and for single use.





CONICAL CONNECTION XD PLACEMENT SET

With XD providing a full drilling procedure with every implant, a compact placement set was developed, eliminating the need for a full surgical kit.

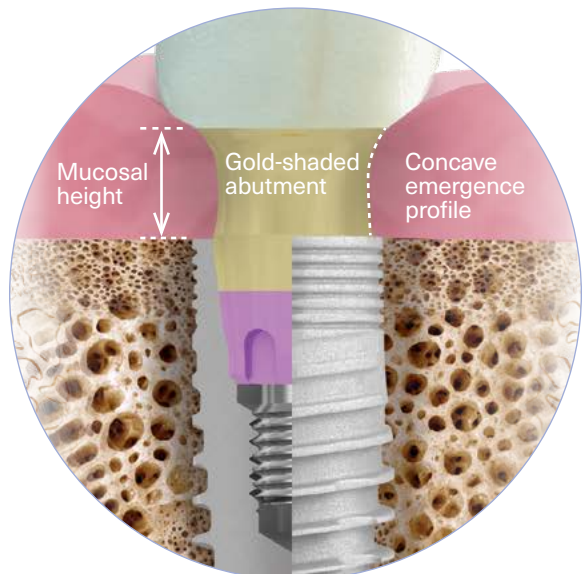
The XD placement set contains:

1. Marking drills
2. Countersinks
3. Insertion tools
4. Surgical torque ratchet

ONE SMILE, COUNTLESS POSSIBILITIES!

MIS prosthetic components can be used in a wide range of clinical applications, including implant level or abutment level, one-stage or two-stage treatments, and single or multiple-unit solutions. They come in various gingival heights, diameters, and angles.

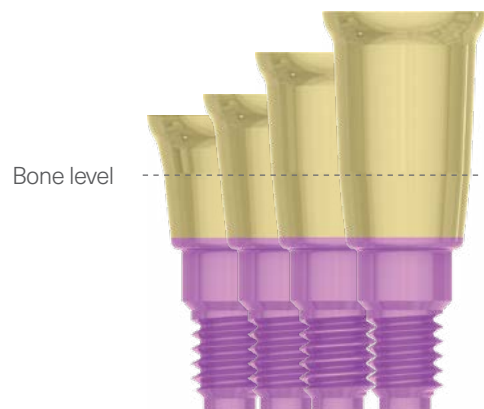
The conical connection prosthetic line features a consistent concave emergence profile, designed to give more space for soft tissue ingrowth. The gold-shaded abutments minimize the reflection through the gingiva. [1-3]



- 1 The results are based on an in vitro animal model and do not necessarily translate to clinical results in humans.
- 2 Ioannidis A, Cathomen E, Jung RE, Fehmer V, Hüsler J, Thoma DS. Discoloration of the mucosa caused by different restorative materials - a spectrophotometric in vitro study. Clin Oral Implants Res. 2017 Sep;28(9):1133-1138.
- 3 Pecnik CM, Roos M, Muff D, Spolenak R, Sailer I. In vitro color evaluation of esthetic coatings for metallic dental implants and implant prosthetic appliances. Clin Oral Implants Res. 2015 May;26(5):563-71.

CONNECT ONE TIME ABUTMENT

The MIS CONNECT is a stay-in abutment placed immediately after implant insertion and remains in place throughout the restoration process. Its design allows the prosthetic procedure and restoration to be performed away from the bone and within the soft tissue.



THE FUTURE IS CLEAR

Each MIS LYNX implant is stored in a saline solution, ensuring the implant's super-hydrophilicity and quality are maintained from production to placement. ^[1]

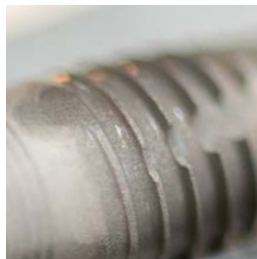
Bench-testing studies demonstrated that when implants are packaged in a saline solution:

- It lowers the carbon levels on the implant surface, compared to “dry” implants. ^[2]
- There is a higher mineralization of Calcium Phosphate (CaP) minerals, compared to “dry” implants. ^[3]
- There is a presence of Titanium Oxide nanostructures on the surface of the implants. ^[4]

INTERACTION WITH A WATER DROP



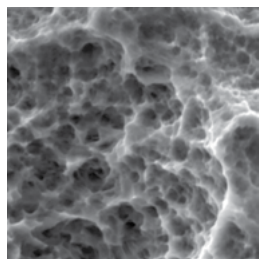
"Dry" implant surface



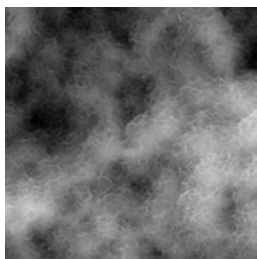
Saline-stored surface

CALCIUM PHOSPHATE PRECIPITATION

After 24 hours | SEM MAG X10,000



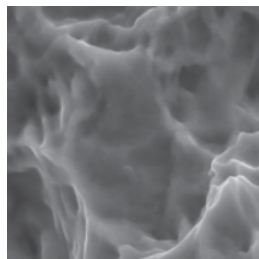
"Dry" implant surface



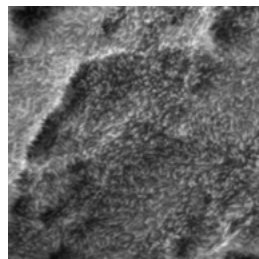
Saline-stored surface

FORMATION OF TITANIUM OXIDE NANOSTRUCTURES

After 18 months | HRSEM X175,000



"Dry" implant surface



Saline-stored surface



- 1 A surface is super-hydrophilic if the contact angle of a liquid droplet on a solid surface is equal to zero degrees. Data on file (Sessile drop contact angle bench testing)
- 2 Data on file (Bench testing using X-ray Photoelectron Spectroscopy (XPS) analysis comparing wet- and dry- packaged implants).
- 3 Data on file (Bench testing using a Scanning Electron Microscope (SEM) equipped with elemental analysis comparing wet- and dry-packaged implants).
- 4 Data on file (Bench testing using High Resolution Scanning Electron Microscope (HR-SEM) and Raman spectroscopy comparing wet- and dry-packaged implants)

MIS | MAKE IT SIMPLE

www.mis-implants.com

The MIS Quality System complies with international quality standard ISO 13485: 2016 - Quality Management System for Medical Devices, with EU Medical Device Regulation MDR 2017/745. Please note, that not all products are registered or available in every country/region.

IFUs for MIS products may be found at: <https://ifu.mis-implants.com>. Adobe Acrobat is required to view the IFU file on the website. This software may be freely downloaded from the Adobe website.

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