MIS®

MAKE IT SIMPLE

TABLE OF CONTENTS

OUR STORY

This is the story of two brothers who had a dream of taking the family business of implant manufacturing to where it is now: one of the world's leaders in the dentistry field.

For over 25 years, MIS has been developing and producing advanced products and innovative solutions, aimed to simplify implant dentistry. Through state-of-the-art production facilities, MIS offers a comprehensive range of premium quality dental implants, superstructures, tools and kits, regenerative solutions and digital dentistry services.

OUR VISION

To be the preferred choice of dentists worldwide by simplifying their world, has guided the company on its way. Driven by a passion for simplicity, MIS Implants Technologies Ltd. has evolved into the innovation hub of excellence it is today.

OUR MISSION

To simplify implant dentistry.

OUR VALUES

People

MIS spirit is always putting people first and loyally caring for our customers as well as our employees.

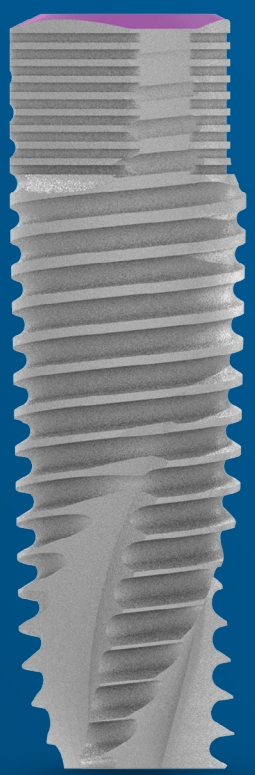
Passion

The MIS passion for making things simple is what drives our focus on innovation and excellence.

Partnership

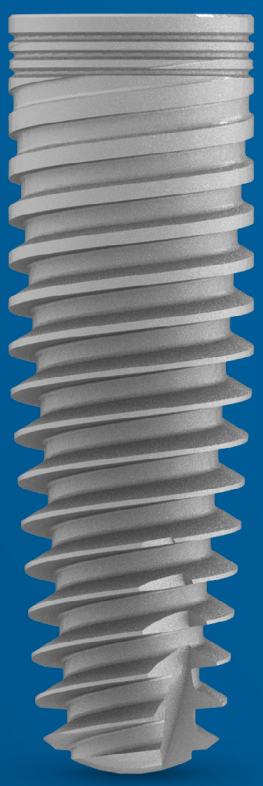
MIS is committed to our teams and partners, sharing our knowledge and experience and providing them with excellent service and quality.

IMPLANTS



V3

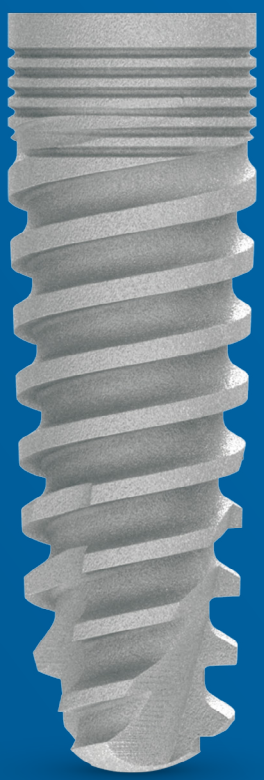
CONICAL CONNECTION



C1

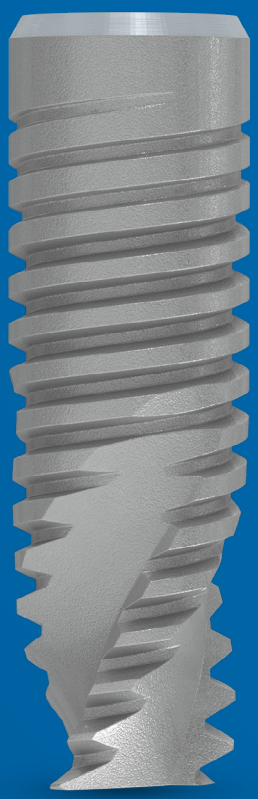
CONICAL CONNECTION

MIS proudly offers an extensive range of implant systems, providing simple solutions for a wide variety of clinical scenarios, from basic to complex. Our implants are the outcome of an exceptionally high-level R&D process resulting in implant systems that are simple, yet offer enhanced functionality and performance features.



SEVEN

INTERNAL HEXAGON



M4

INTERNAL HEXAGON

MIS | V3

MORE WITH LESS

The V3 is a groundbreaking, innovative and sophisticated solution. It was invented by doctors for doctors and was geometrically designed for optimizing esthetic procedures through tissue preservation and growth.

Implant integration

The triangular-shaped neck of the of the V3 was engineered to provide a reservoir for blood pooling and the formation of blood clots. These conditions are both required for optimum implant integration and bone growth.

Bone preservation

The gaps around the sides of the implant neck were designed to result in an open, compression-free zone. Crestal bone loss may be minimized by reducing stress in the cortical bone.

Maximum accuracy

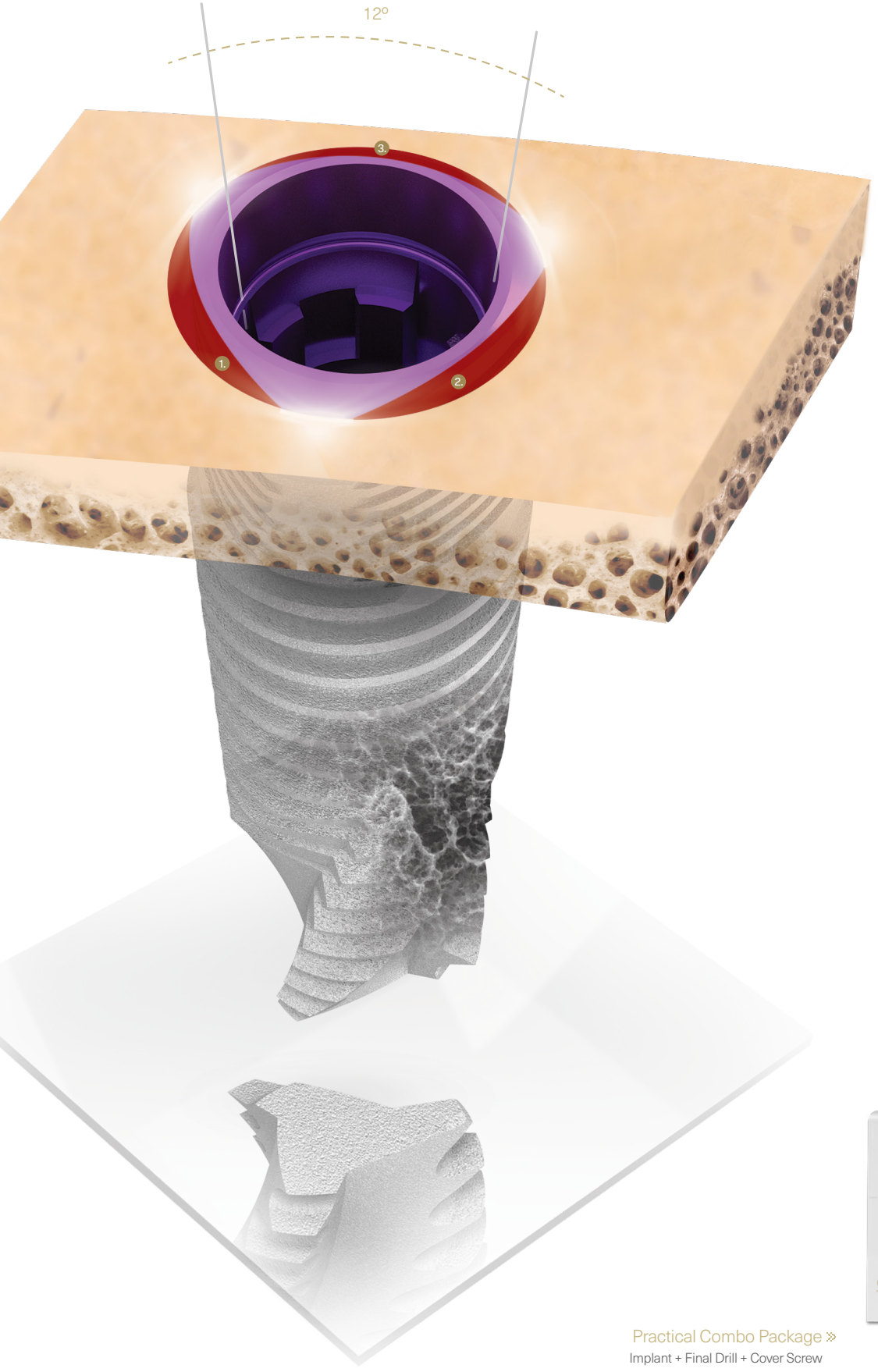
Each V3 package comes with its own sterile, single-use final drill, which is suitable for all bone types increasing the potential for a more precise-fit V3 insertion tools are marked to help orient the implant during placement.

Ultimate seal

The V3 features a 12-degree conical connection that ensures a secure, friction fit between abutment and implant. It has cone indexes within the conical connection to help orient the implant during insertion as well as for placing the abutment into the proper position.

Esthetics

A broad range of MIS conical connection prosthetic components presents uncompromising accuracy; a consistent concave emergence profile for excellent soft tissue results; golden shade to support high esthetic results.



Practical Combo Package »

Implant + Final Drill + Cover Screw

THE CONNECTION FOR RELIABLE BIOLOGY

The C1 implant is a powerful player in the MIS conical connection implant fleet and offers a versatile solution for all clinical indications. This simple, accurate and proven implant system was designed with a conical connection and optimizes biological benefits and clinical and esthetic results.

Bone preservation

The C1 implant incorporates the platform-switching design concept. Implants with a platform-switched configuration have been shown to exhibit less bone loss when compared to non-platform-switched implants, which may lead to soft tissue preservation and growth. Micro-rings on the implant neck improve BIC (Bone-to-Implant-Contact) at the crestal zone, and are designed to reduce pressure on the cortical bone to minimize resorption at the implant neck.

Ultimate seal

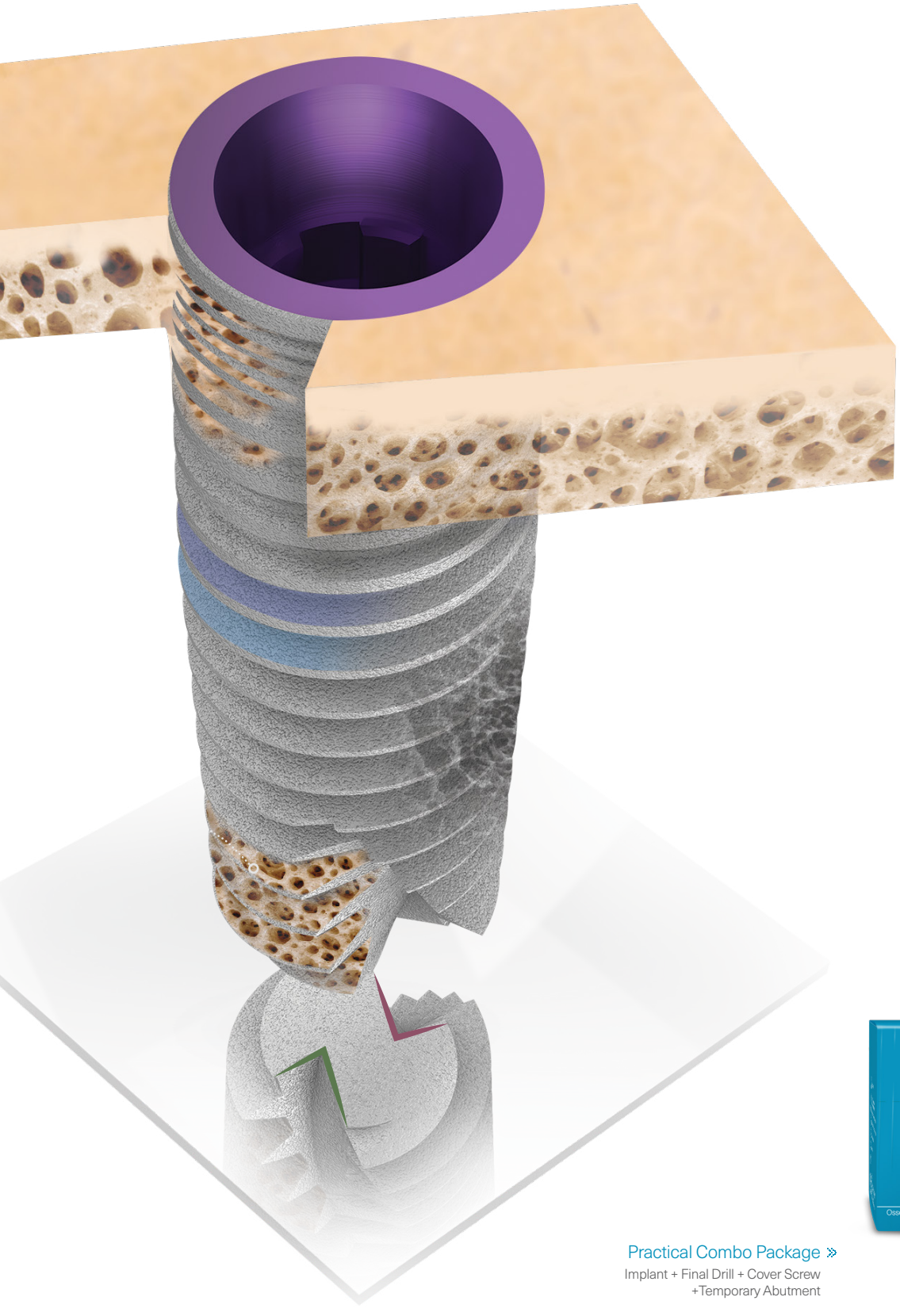
C1 features a 12-degree conical connection that ensures a secure, friction fit between abutment and implant. The C1 minimizes micro-movements reducing bone loss at the crestal level. It has a six-position cone index within the conical connection to help orient the implant during insertion as well as for placing the abutment into the proper position.

High initial stability

The C1 dual thread design increases the BIC (Bone to Implant Contact) over the entire body of the implant and ensures a safe and controlled insertion rate. With its conical, root-shaped geometry, the C1 is engineered for high primary stability and offers the ultimate choice for a wide range of clinical cases and loading protocols.

Esthetics

A broad range of MIS conical connection prosthetic components presents uncompromising accuracy; a consistent concave emergence profile for excellent soft tissue results; golden shade to support high esthetic results.



Practical Combo Package »

Implant + Final Drill + Cover Screw
+Temporary Abutment

PROVEN SUCCESS MEETS ENHANCED STABILITY

The biological stability and predictable esthetics of the SEVEN, combined with an extensive research and development process have given the SEVEN a potential advantage in soft tissue preservation and growth as well as an array of restorative benefits.

The combination of its unique features is designed to provide the dentist with higher predictability, better esthetic results and bone preservation.

High initial stability

The SEVEN's root-shaped geometry and unique threads are designed to enable excellent primary stability, offering the ultimate choice for a wide range of clinical cases. This allows for a simpler and faster implant placement.

Bone preservation

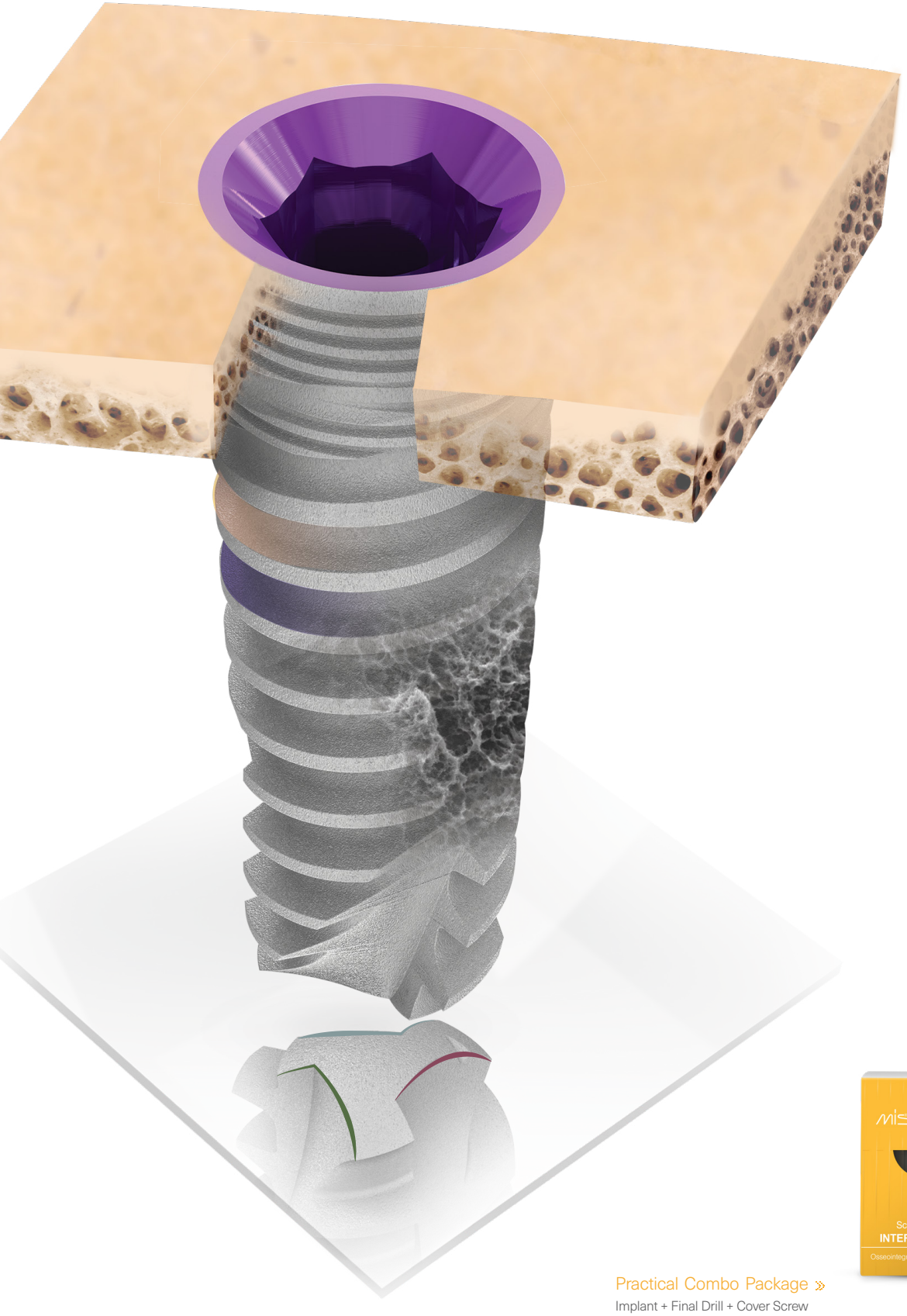
The SEVEN implant now incorporates the platform-switching design concept. Implants with a platform-switched configuration have been shown to exhibit less bone loss when compared to non-platform-switched implants, which may lead to soft tissue preservation and growth. The straight neck, combined with the compatible final drill, may lead to crestal bone preservation. Micro-rings on the neck of the implant are designed to facilitate an increase in bone to implant contact (BIC). This design concept may reduce pressure on the cortical bone and has been reported to be associated with less crestal bone loss when compared with other implant design features.

Clinical success

The surface roughness and micro-morphology of all MIS implants, is a result of sand-blasting and acid-etching. This MIS established surface technology has provided millions of patients with a high level of cleanliness, which leads to effective osseointegration. This is one of the key factors which contribute to long-lasting clinical success.

Safety

Each SEVEN implant is supplied with a single-use final drill corresponding to the correct diameter and length, allowing for a short and safe drilling procedure.The dome-shaped apex prevents over-insertion for safer implant placement.



Practical Combo Package »

Implant + Final Drill + Cover Screw

INTERNAL HEXAGON IMPLANT

MIS M4 implants combine the benefits of cylindrical and conical implant designs, aiming to achieve excellent primary stability in every clinical scenario. The two main features of M4 implants are: Self-tapping, V-shaped thread design with three spiral channels, allowing smooth insertion even in type 1 bone conditions.

High initial stability

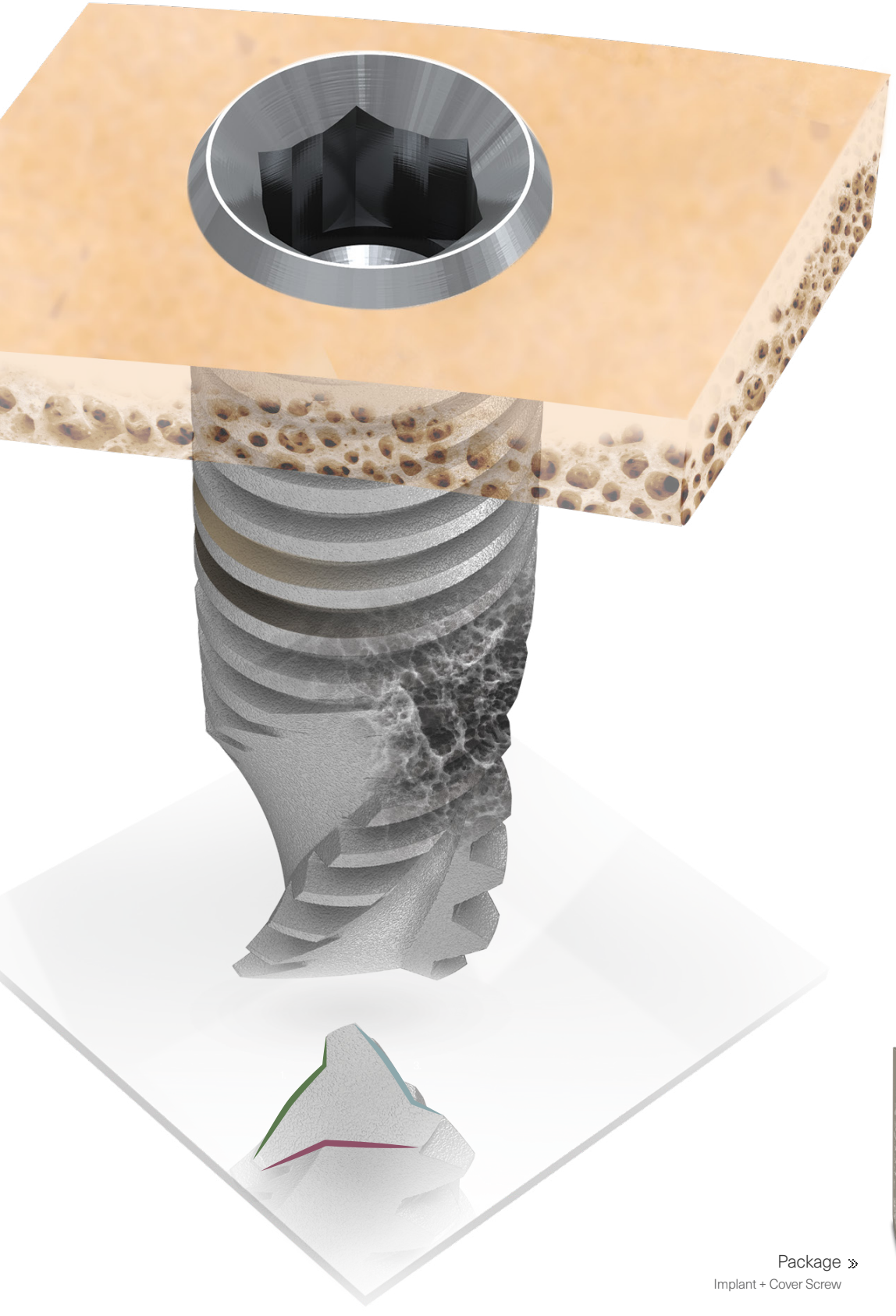
The conical implant body of the M4, along with v-shaped threads, are designed for mild bone compression and allow high primary stability, offering the ultimate choice for a wide range of clinical cases and loading protocols.

Reliable results

M4 implants feature an internal hex. connection. This well established connection is engineered to ensure proper abutment seating, anti-rotational engagement, and resistance to lateral forces.

Clinical success

The surface roughness and micro-morphology of all MIS implants, is a result of sand-blasting and acid-etching. This MIS established surface technology is inteded for a high level of cleanliness, which potentially leads to effective osseointegration. This is one of the key factors which is designed to contribute to long-lasting clinical success.



Package »

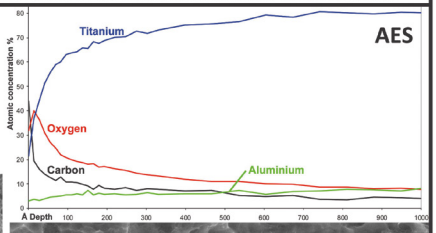
Implant + Cover Screw

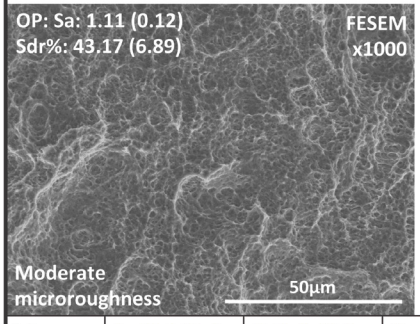
IMPLANT SURFACE

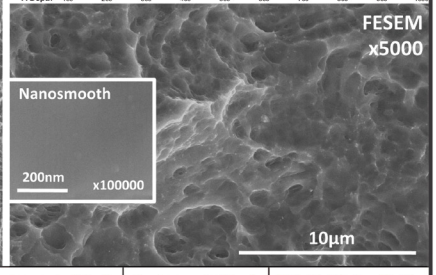
Identification card of the MIS Seven surface, following the Implant Surface Identification Standard (ISIS) codification

MIS Seven (MIS Implants Technologies, Bar Lev, Israel)
(Ref:MF7-13500; Batch:WO1129838)
XPS/ESCA Surface chemical composition (%)

Ti	20.3 %	**N**	0.7 %
O	54.3 %	**Al**	**2.6 %**
C	21.9 %	**V**	**0.2 %**







Surface	Core Material (Core)	Modification (Mod)	Microtopography (Micro)	Nanotopography (Nano)	Global Architecture (Archi)
MIS Seven (MIS Implants Technologies, Bar Lev, Israel)	Ti-6Al-4V ELI Grade 23 Titanium (G23Ti)	None	Rough (R). Moderate (Mo). Flat (Fl)	Smooth (S)	Non Fractal (NF). Homogeneous (Ho)
	Core.G23Ti		Micro.R.Mo.Fl	Nano.S	Archi.NF.Ho

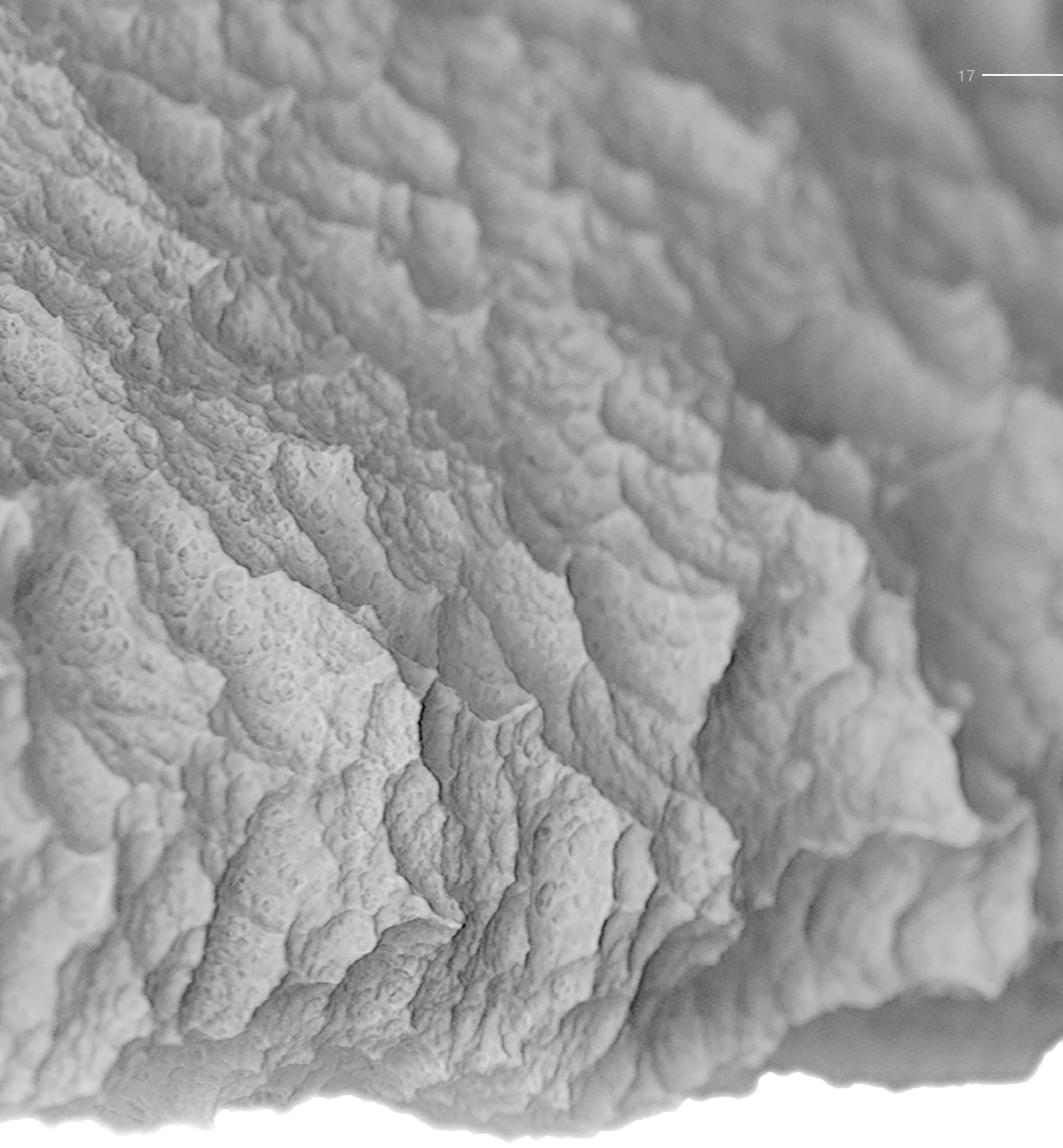
ISIS (MIS Seven) = Core.G23Ti / Micro.R.Mo.Fl / Nano.S / Archi.NF.Ho

EDI Journal - 1/2015:

"Surface analysis of sterile-packaged implants", 65 different implant systems from 37 manufacturers and ten countries examined by (SEM). MIS implants, C1 and SEVEN, stood out positively without any findings of isolated spots with residue on the implants surface.

The POSEIDO Journal - 2014 (Volume 2):

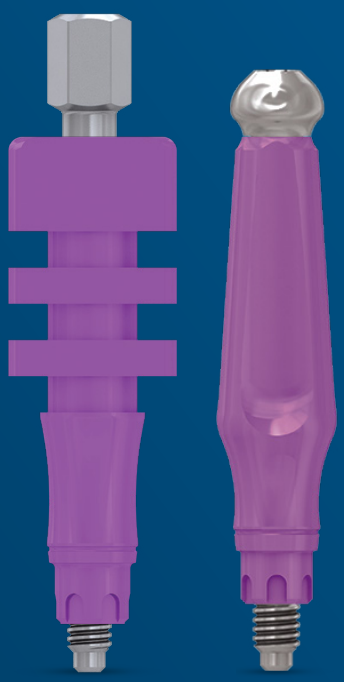
"Identification card and codification of the chemical and morphological characteristics of 62 dental implant surfaces". Identification card of the MIS SEVEN implant, titanium grade 5 ELI, grade 23: "No pollution or chemical modification was detected.



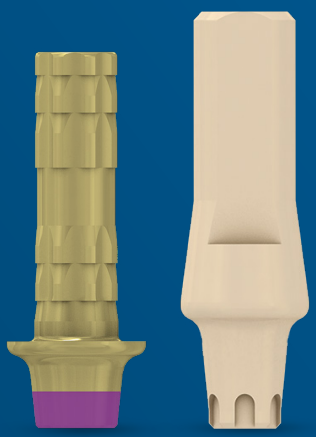
MIS can guarantee that our implant surfaces uphold the highest standards of surface quality with a 99.8 -100% pure Titanium Oxide surface, as well as the validation of full coverage by sand blasting and acid etching.

These surface treatments help eliminate various surface contaminants while increasing the implant surface area, generating a hydrophilic surface with micro and nanostructures for optimum osseointegration.

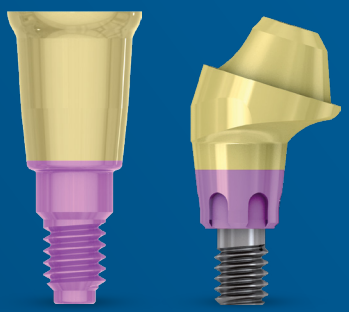
PROSTHETIC OPTIONS



Impressions Coping

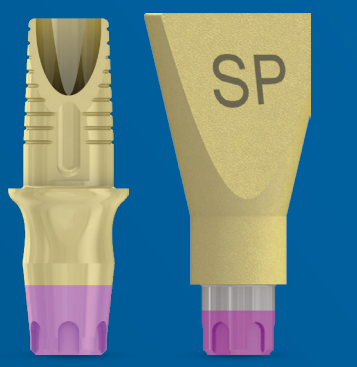


Temporary Restoration

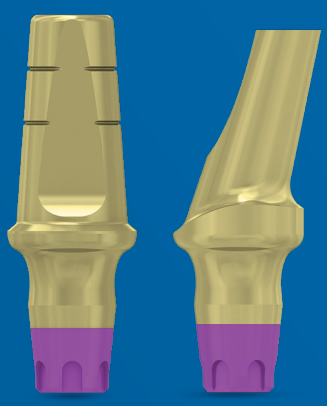


Screw Retained Restoration

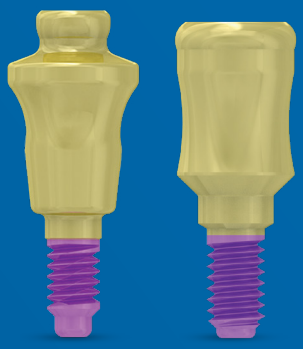
MIS offers a comprehensive range of prosthetic systems, which are suitable for any indication and procedure type. Combined with a wide variety of supporting tools, our products provide the biological advantages that are critical for successful treatment. MIS superstructures are designed to meet all prosthetic needs and fit all accepted working methods. Abutments are available in a wide range of heights, gingival collar heights, angles and margin types, as well as a line of concave emergence profile abutments which are designed to facilitate better soft tissue management and growth. MIS offers solutions for both screw retained and cement retained restorations.



Digital Restoration



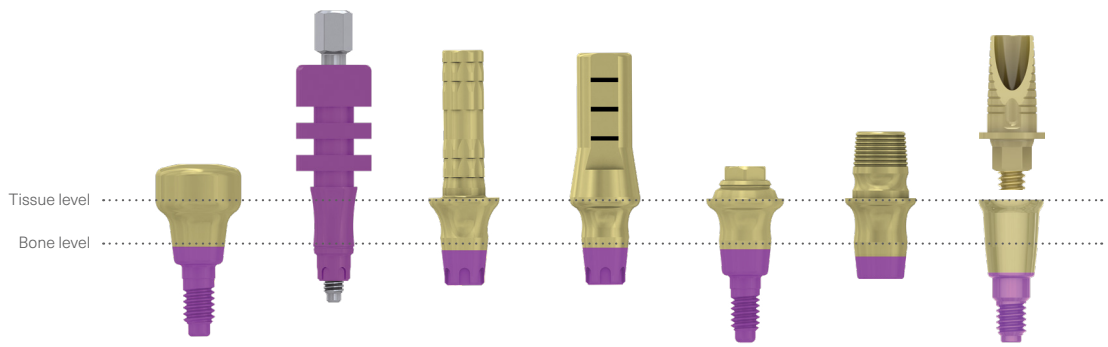
Cemented Restoration

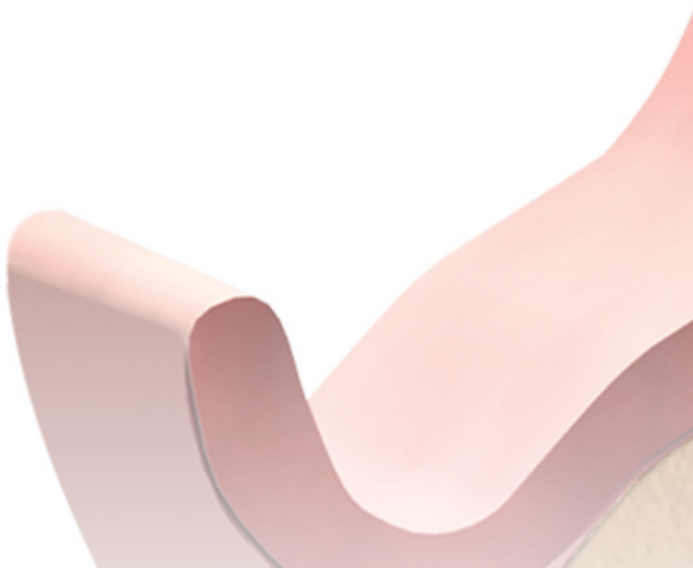


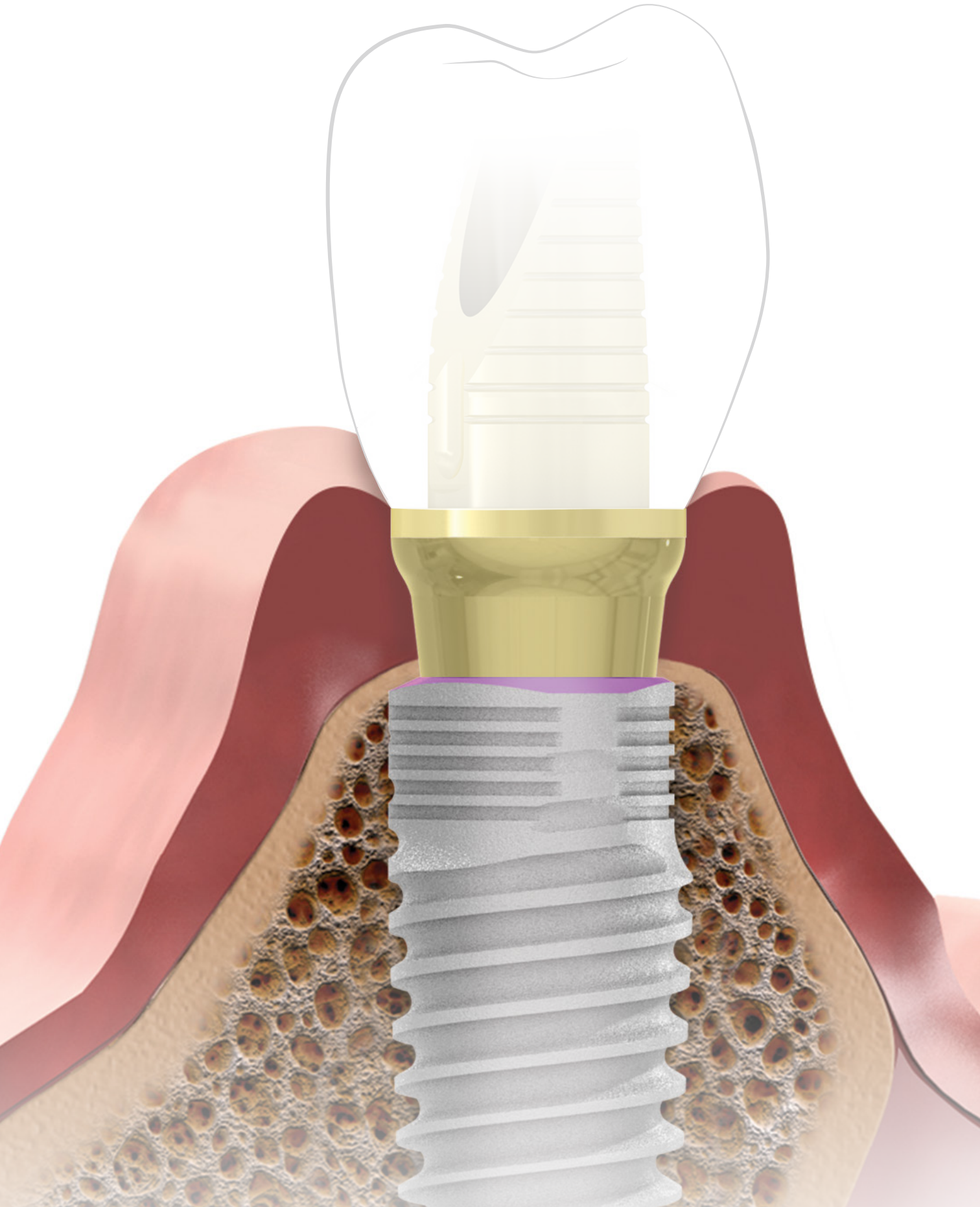
Overdenture

TISSUE IS THE ISSUE

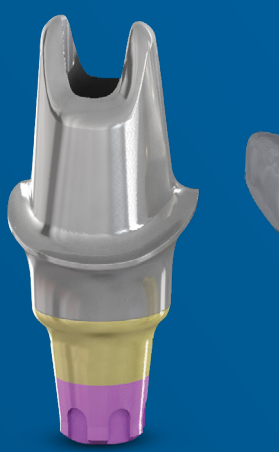
MIS implant prosthetic components not only provide a diverse range of restorative solutions that are safe and effective, they are also highly focused on soft tissue management for superior esthetic results.







DIGITAL DENTISTRY



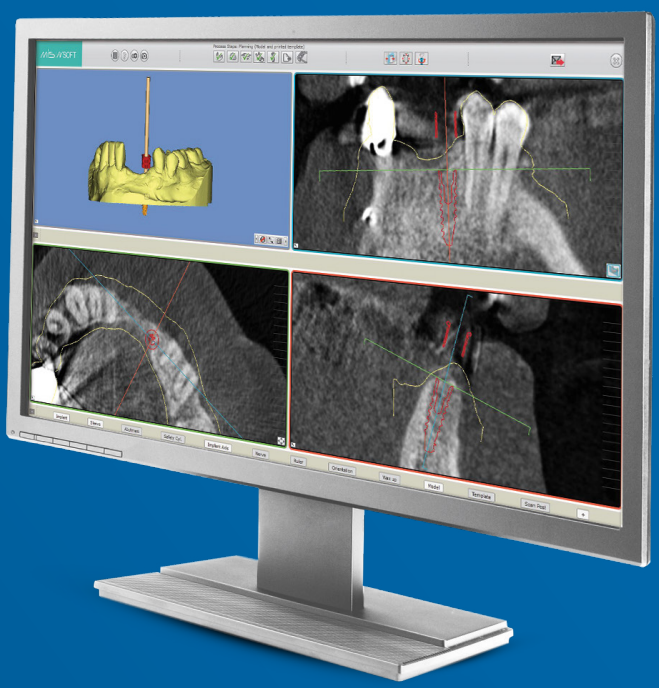
MGUIDE

Peace of Mind with Personalized Digital Dentistry

MCENTER

Digital Dentistry Services

The MGUIDE is the industry's most advanced, yet simple solution for guided surgery. The 3D printed template is designed to enhance accuracy, with an open frame for maximum visibility and irrigation, and accessibility from all angles without the need for removal. Raised flap surgery can also be more easily performed.



MSOFT

Virtual Implant Planning Software

PEACE OF MIND WITH PERSONALIZED DIGITAL DENTISTRY

MGUIDE

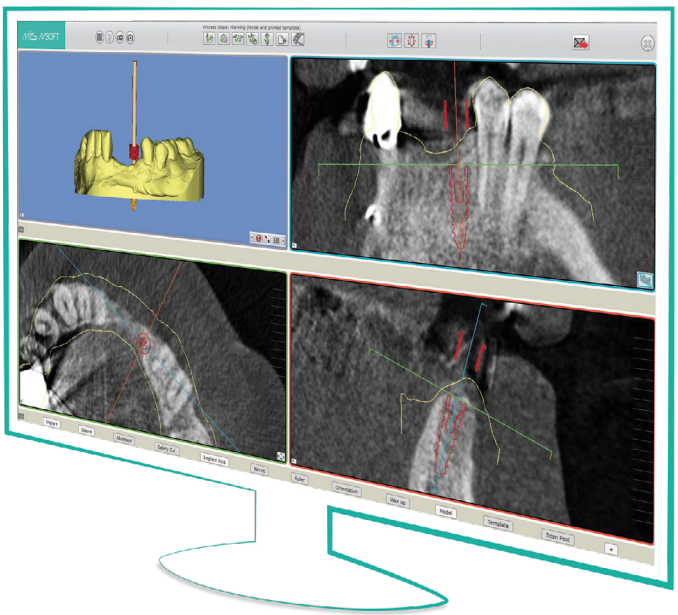
The MGUIDE template is constructed from a strong durable and biocompatible material. The MGUIDE surgical set is comprised of tools and instruments specially engineered to optimize the guided implant placement procedure.

MCENTER

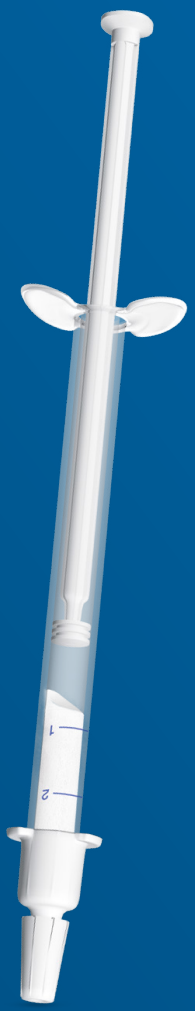
More than ever before, doctors are taking advantage of virtual implant planning and guided surgery in their everyday practices. MIS MCENTER facilities offer a wide range of quality digital dentistry services, including the MGUIDE surgical template and tool kit, planning services and customized temporary solutions, expertly engineered to deliver simplicity and convenience.

MSOFT

The MSOFT program creates a highly accurate preliminary implant placement plan, taking all aspects of the patient anatomy into consideration. A precision guided surgical template is then designed right in the software. MSOFT also acts as an online information hub connecting all software users; doctors, dental labs, periodontists, prosthodontists and the MCENTER in order to share cases and take part in demonstrations, discussions or consultations.



REGENERATIVE SOLUTIONS



4MATRIX+

Bone Graft Putty

BONDBONE®

Bone Graft Cement

MIS offers a range of regenerative materials for dental use aimed at providing solutions for a wide variety of clinical needs. MIS regenerative products are available in varying volumes and sizes for simple and easy delivery directly to the surgical site. High quality engineering and manufacturing processes ensure safety of all MIS products.

4BONE™ BCH

Bone Graft Particulate

4BONE™ RCM

Resorbable Collagen Membrane

REGENERATIVE SOLUTIONS

4MATRIX+

4MATRIX+ is a revolutionary & innovative synthetic, bone graft putty. It is composed of 40% Beta Tricalcium Phosphate (ßTCP) , 60% Hydroxyapatite (HA) & Hydrogel , and was developed to simplify dental bone grafting procedures. 4MATRIX+ provides high mechanical resistance, osseous rehabilitation & is fully replaced by vital, architectured bone.

BONDBONE

BONDBONE is an innovative synthetic bone grafting material, which takes the best qualities of hemihydrate and dihydrate calcium sulfate and combines them into one unique product. Due to its novel engineering process, BONDBONE has excellent handling properties.

4BONE BCH

4BONETM BCH is a fully synthetic bone graft material made of Hydroxyapatite and ßTCP . Its osteoconductive structure, featuring 70% interconnected macro-porosity and micro-porosity, promotes colonization of osteogenic cells and allows the diffusion of biological fluids. Combined with its optimized morphology, 4BONETM BCH provides flexibility and a predictable healing process for a wide range of bone regeneration procedures.

4BONE RCM

4BONE RCM Collagen Membrane is a resorbable, cell occlusive barrier used in guided bone regeneration (GBR) and Guided tissue regeneration (GTR) procedures in the areas of dental implants, bone defects and ridge augmentation.


4MATRIX+
BONDBONE
4BONE BCH
4BONE RCM

QUALITY STANDARDS

MIS complies with ISO standards 13485: 2003 – Quality Management System for Medical Devices, Medical Device Directive 93/42/EEC and in addition, adheres to numerous proprietary quality process management and control guidelines. MIS products are CE marked.

Dedicated MIS service reps provide exceptional customer care and are always available to simplify the process by answering any questions you may have.

MIS field staff are highly trained and knowledgeable. You may contact them at any time for information about MIS products: implants, prosthetics, digital dentistry and regenerative solutions.

All MIS Implant Systems are made of the highest quality materials and in compliance with the most stringent production practices in the industry. We are extremely proud of our reliability, and problems are very rare. However, should you experience any difficulties with our products, our warranty policy, to the original purchaser, assures you are completely protected.

Abutments &
Prostetic Accessories
5-YEAR WARRANTY

Implants
LIFETIME
WARRANTY

Drills & Tools
3-YEAR
WARRANTY

MIS implant systems have been clinically tested, scientifically documented, and are currently in use by dental professionals in clinics and practices throughout the world.

MC-CBMIS Rev.6

MAKE IT SIMPLE

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