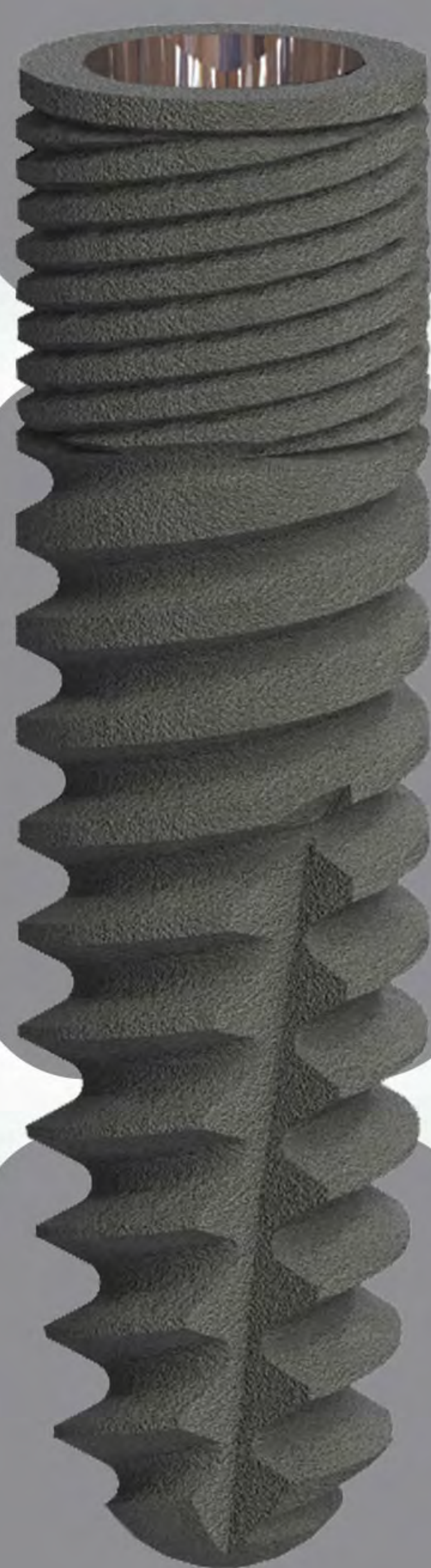




TRIPLO

NARROW



eckermann
DENTAL IMPLANT SYSTEM

www.eckermann.es

TRIPLO NARROW

THE ECKERMANN'S INNER CONNECTION NARROW IMPLANT

An implant that takes into account the current requirements: A robust, advanced and easy to apply design, perfect for spaces where it is not possible to place implants with conventional diameters.

Triplo Narrow, narrow diameter of 3.5mm, allows safe and predictable treatment of situations in which implants of traditional diameters could increase the clinical risk, even with a minimum amount of hard tissue and limited space. All this without sacrificing the safety, stability and simplicity that Eckermann's Triplo implants provide.

MICROTHREADS

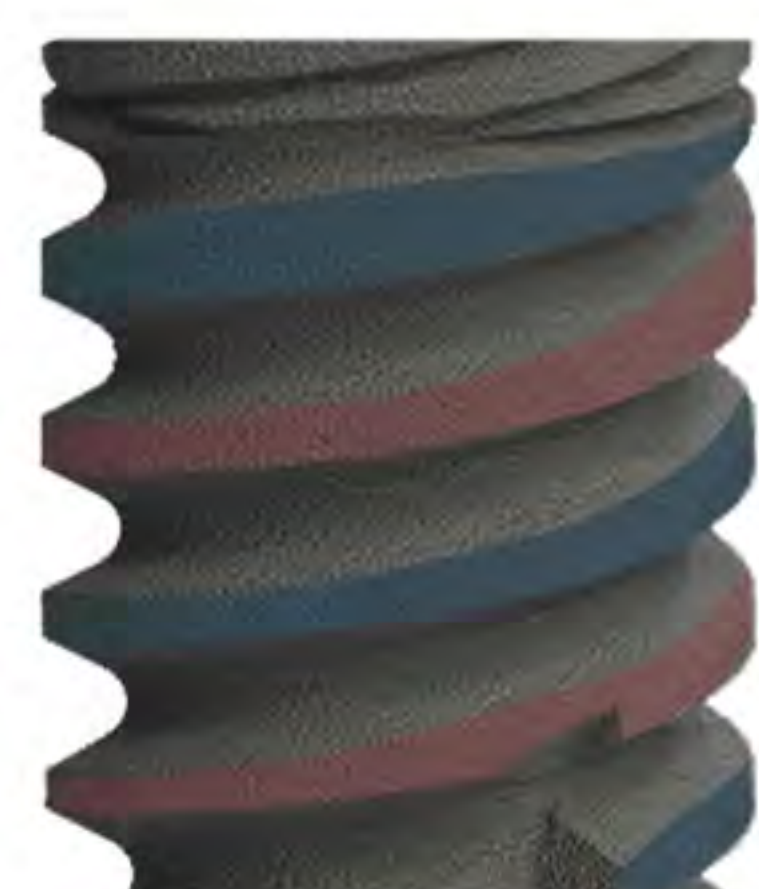
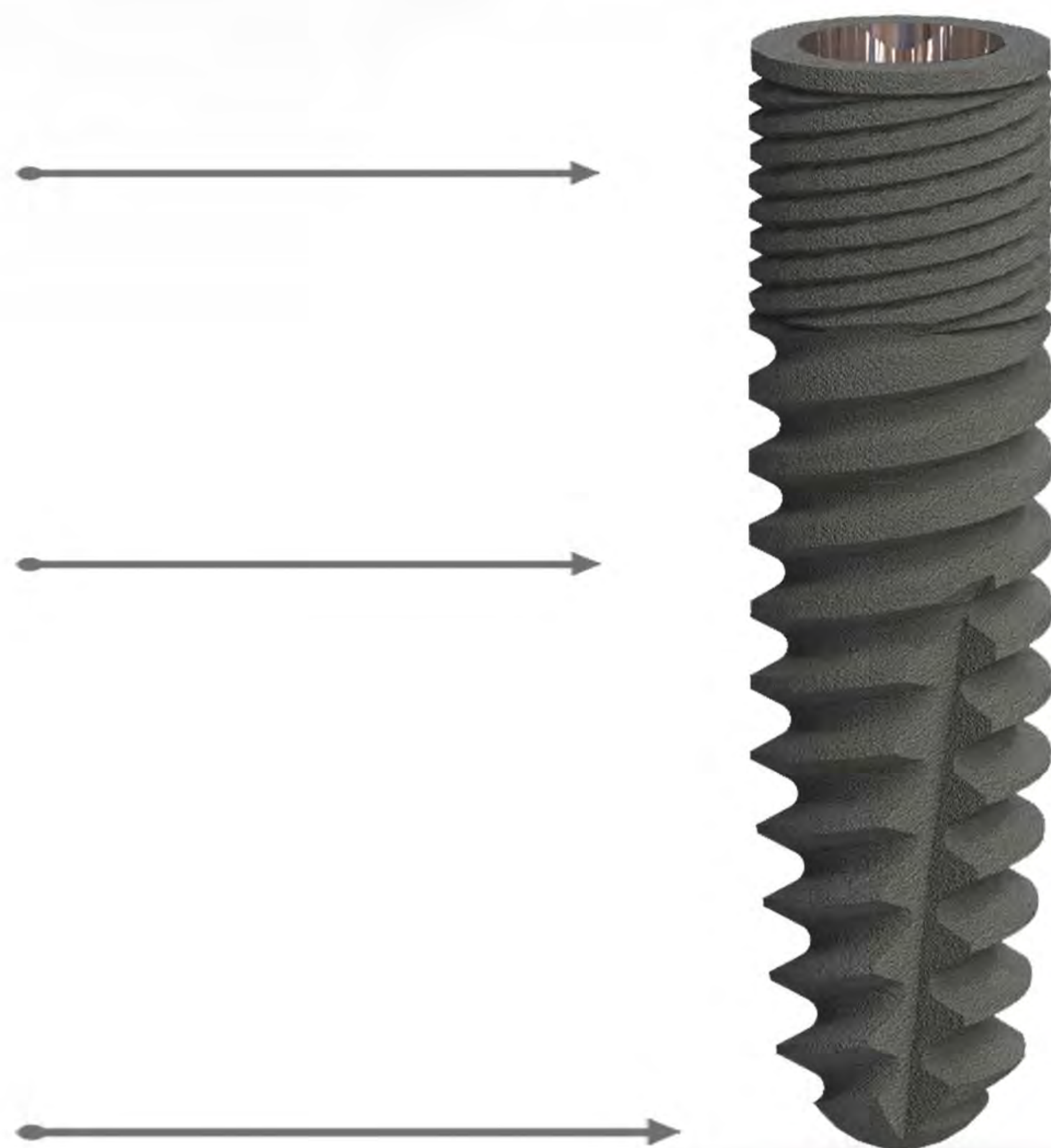
The cervical area of the implant has been designed with micro-threads that provide optimal distribution of the functional loads to preserve as much marginal bone as possible and stimulate calcification at that level.

VARIABLE COMPRESSION THREADS

The implant's macrodesign integrates variable compression threads that create very high levels of primary stabilization. The threads are different for each section of the implant so they can adapt to the density of each area of the bone, optimizing and improving its ability to receive loads.

ATRAUMATIC ROUNDED APEX

Protects the anatomical architecture from tissue damage.



DUAL THREAD PROFILE

For easier, shorter insertion time that reduces heat generation during implant placement.



HELICAL ALVEOLI

Self-threading for easier implant placement and to increase the amount of bone tissue that comes into close contact with the implant.



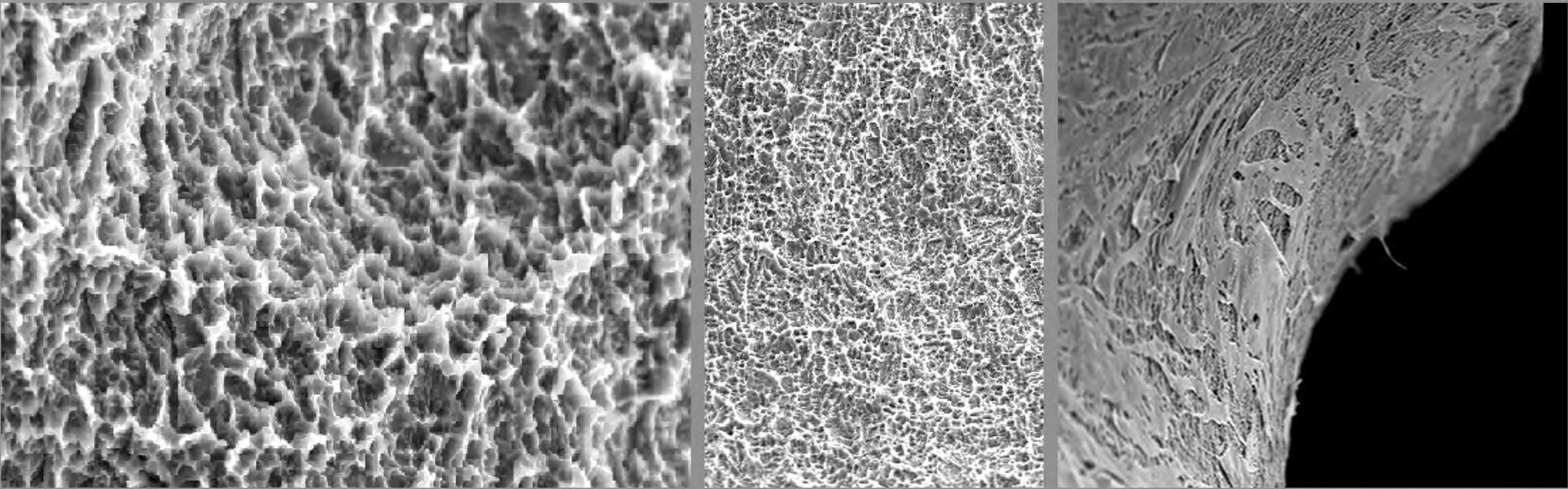
TRANSPORTER AND CLOSING SCREW INCLUDED

Narrow Triplo implant comes in a double steril packaging and includes transporter and closing screw.

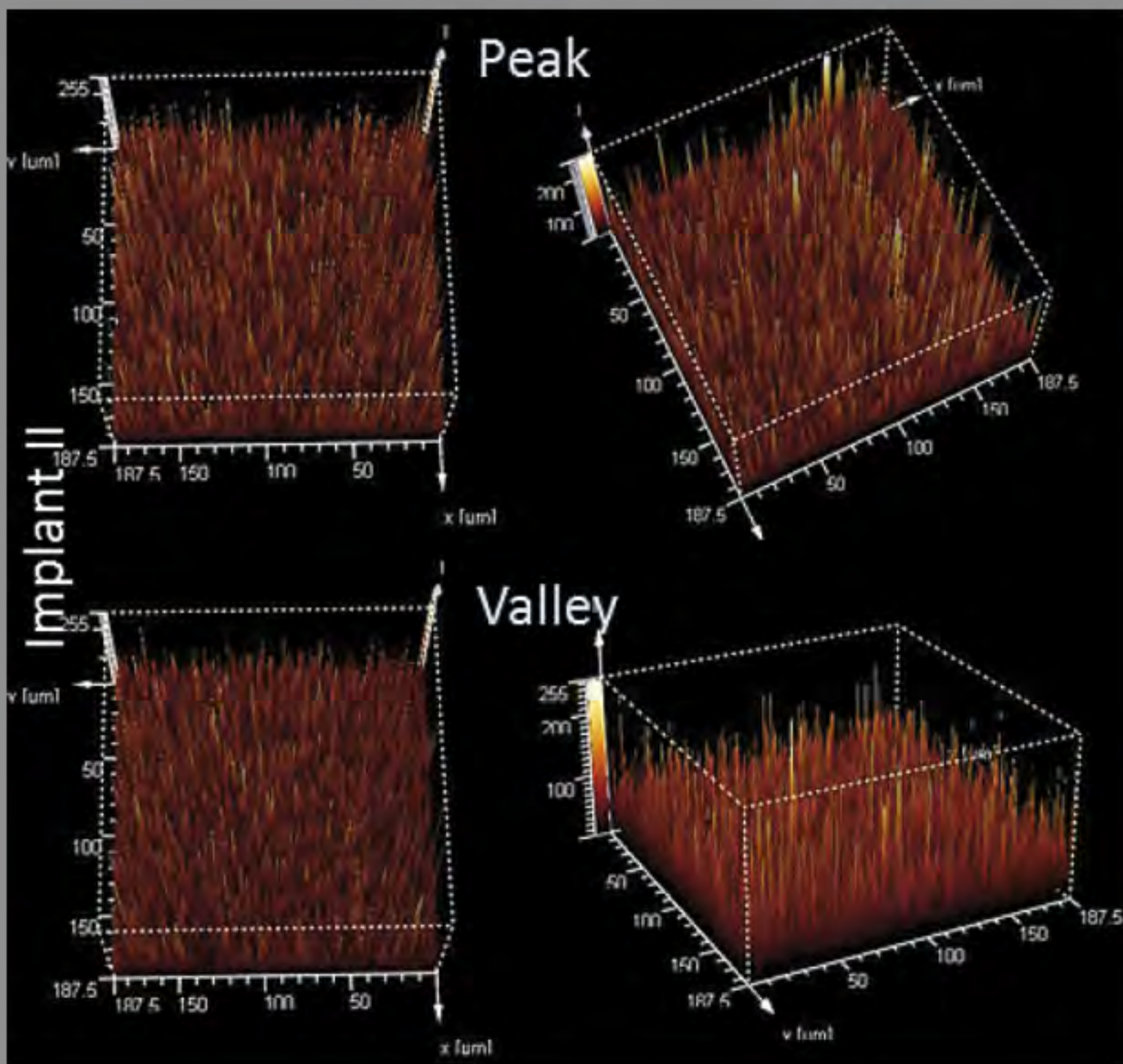
ECKCYTE® SURFACE



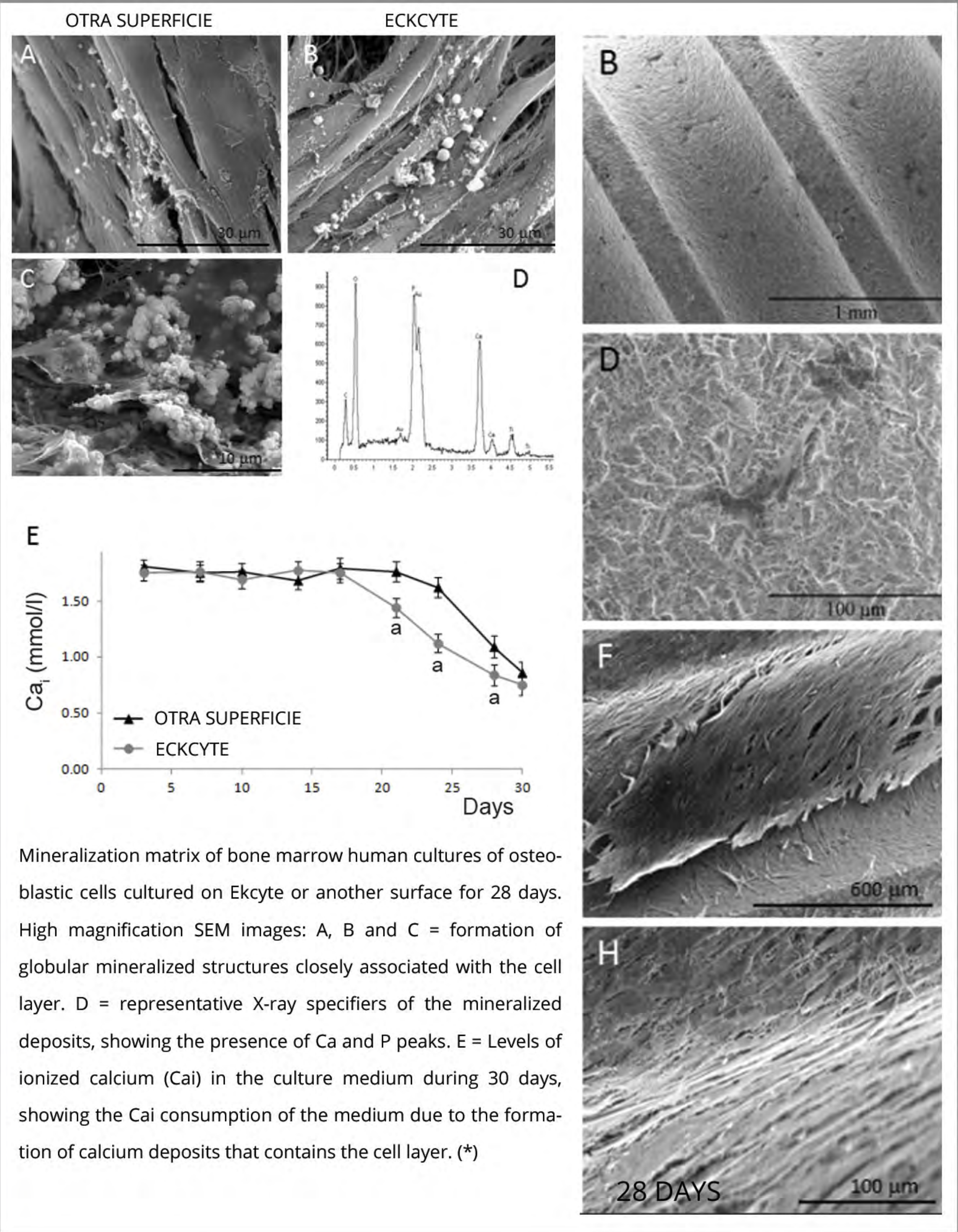
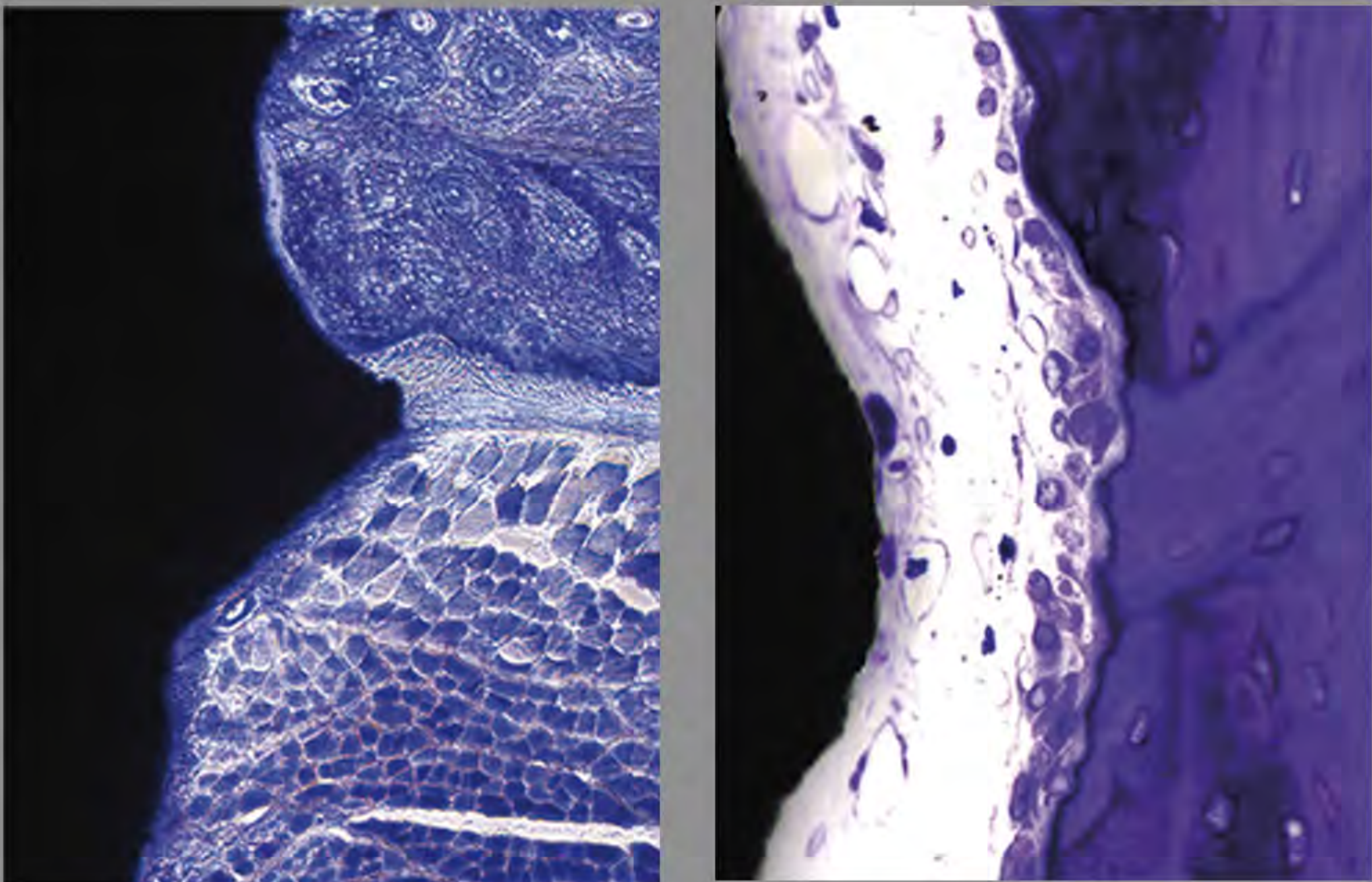
Triplo® Narrow is a state-of-the-art implant of highly pure titanium, with a micro and nano roughness achieved thanks to the most modern treatments of acid etching, with the result of an optimal surface for biocompatibility with osteocytes.



ECKCYTE® Increases the amount of surface that comes into contact with the bone, making the ideal matrix. The surface treatment also provides effective protection against corrosion and high stabilization. It is also absorbent, to accelerate the absorption of fluids on the implant's entire surface.^(*)



The surface treatment provides an effective protection against corrosion and a high stability, also providing hydrophilic properties that accelerate the adsorption of fluids throughout the surface of the implant, thus improving the interaction of the biological environment and the implant and its osseointegration capacity.^(*)



Mineralization matrix of bone marrow human cultures of osteoblastic cells cultured on Ekyte or another surface for 28 days. High magnification SEM images: A, B and C = formation of globular mineralized structures closely associated with the cell layer. D = representative X-ray specifiers of the mineralized deposits, showing the presence of Ca and P peaks. E = Levels of ionized calcium (Cai) in the culture medium during 30 days, showing the Cai consumption of the medium due to the formation of calcium deposits that contains the cell layer.^(*)

^(*) Mesquita P, Gomes PD, Sampaio P, Juodzbalsys G, Afonso A, Fernandes MH. Surface Properties and Osteoblastic Cytocompatibility of Two Blasted and Acid-Etched Titanium Implant Systems with Distinct Microtopography. J Oral Maxillofac Res 2012 (Jan-Mar);3(1):e4 URL: <http://www.ejor.org/JOMR/archives/2012/1/e4/v3n1e4ht.pdf> doi: 10.5037/jomr.2012.3104.

CONELOCK CONNECTION



Narrow Triplo® implants incorporate Eckermann's exclusive CONELOCK connection, studied and tested over more than 15 years, characterized by its precision and stability of coupling with prosthetic attachments and ensuring the success of any prosthetic solution with total absence of micro-movements

STABILITY, REALIABLE, ROBUST

The unique CONELOCK prosthetic connection is one of its most outstanding differential features and provides great confidence in stability and maintenance of prosthetic rehabilitations on these implants in the long term.

Thanks to the precision of this connection, the implant-pillar assembly has a very robust monoblock behavior, as if there were no connection. In the absence of micromotion, a stable and reliable union is ensured obtaining an optimal transmission of the occlusal loads being, therefore, the closest thing to the behavior of the natural tooth.

BACTERIOLOGICAL SEAL

Eckermann's CONELOCK connection provides a completely hermetic mechanical seal, achieving a perfect implant-pillar seal that, as a barrier, prevents infiltrations of micro-organisms that can cause perimplantitis, bacterial proliferation and unpleasant odors in the patient's mouth.

University studies have verified the total tightness of this prosthetic connection, guaranteeing the absence of bacterial leaks (**)

(**) Study for the Evaluation of microfiltration and adjustment in a new concept of implant connection. / Ref.AB-15-DO-06.Dra.Mireia Pato; Dr.Lluís Giner; Dr. Óscar Figueras. International University of Catalonia.

REVERSIBILITY

CONELOCK® provides a perfect implant-abutment fixation with a reliable and durable monobloc behavior. However, the design of its geometry allows to remove the prosthesis, if necessary, in a simple and uncomplicated manner, which opens a new door to prosthetic solutions, besides a considerable saving of time and costs.



ALL PROSTHETIC SOLUTIONS, EVEN IN SITUATIONS OF LIMITED SPACE

Triplo Narrow has a wide range of prosthetic attachments that allow the realization of all kinds of rehabilitations, adapting to the different characteristics of each case according to the treatment plan, and incorporates the most modern and original solutions for screwed, cemented, retained prostheses, etc, ... even for cases where space is scarce.



TRIPLO NARROW



CUSTOMER SUPPORT

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