



CLC CONIC IMPLANT SYSTEM

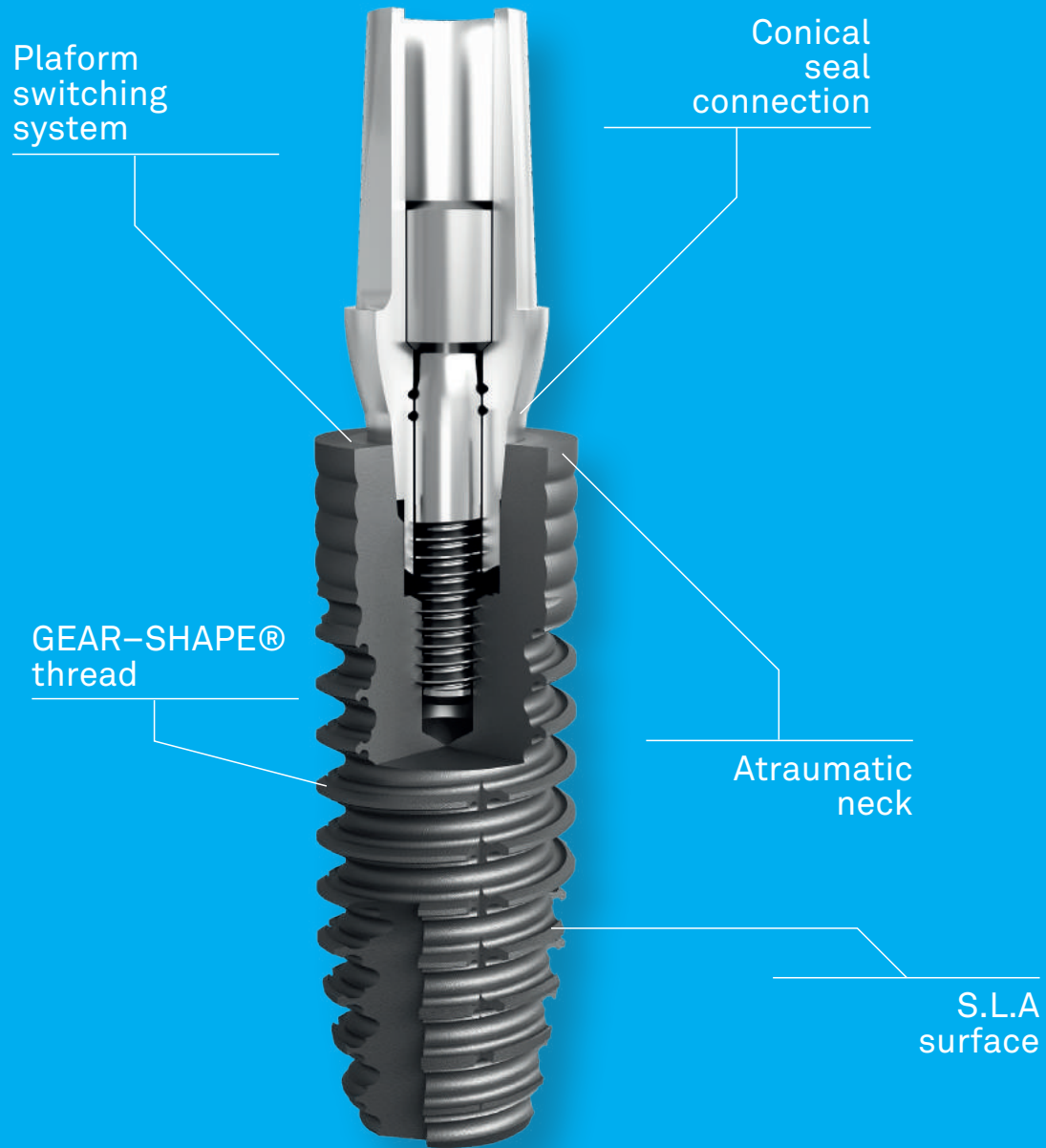


passion for dental excellence

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CLC CONIC
IMPLANT SYSTEM



CLC CONIC: EASY BUT SOPHISTICATED

CLC CONIC is an innovative implant system that promotes optimal conditions for beautiful, functional and long-lasting results.

Developed with the experience of clinicians and researchers from various European universities, **CLC CONIC** solutions meet the highest quality standards.

1. High manufacturing standards	6
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EXCELLENT MANUFACTURING STANDARDS

Precision production processes and continuous, repeated quality controls: from the choice of the raw materials - grade 4 and 5 titanium - to the final product, covering every stage of production of the implant and its components.


The internal and external parts are created using last-generation machines to meet the highest quality standards.

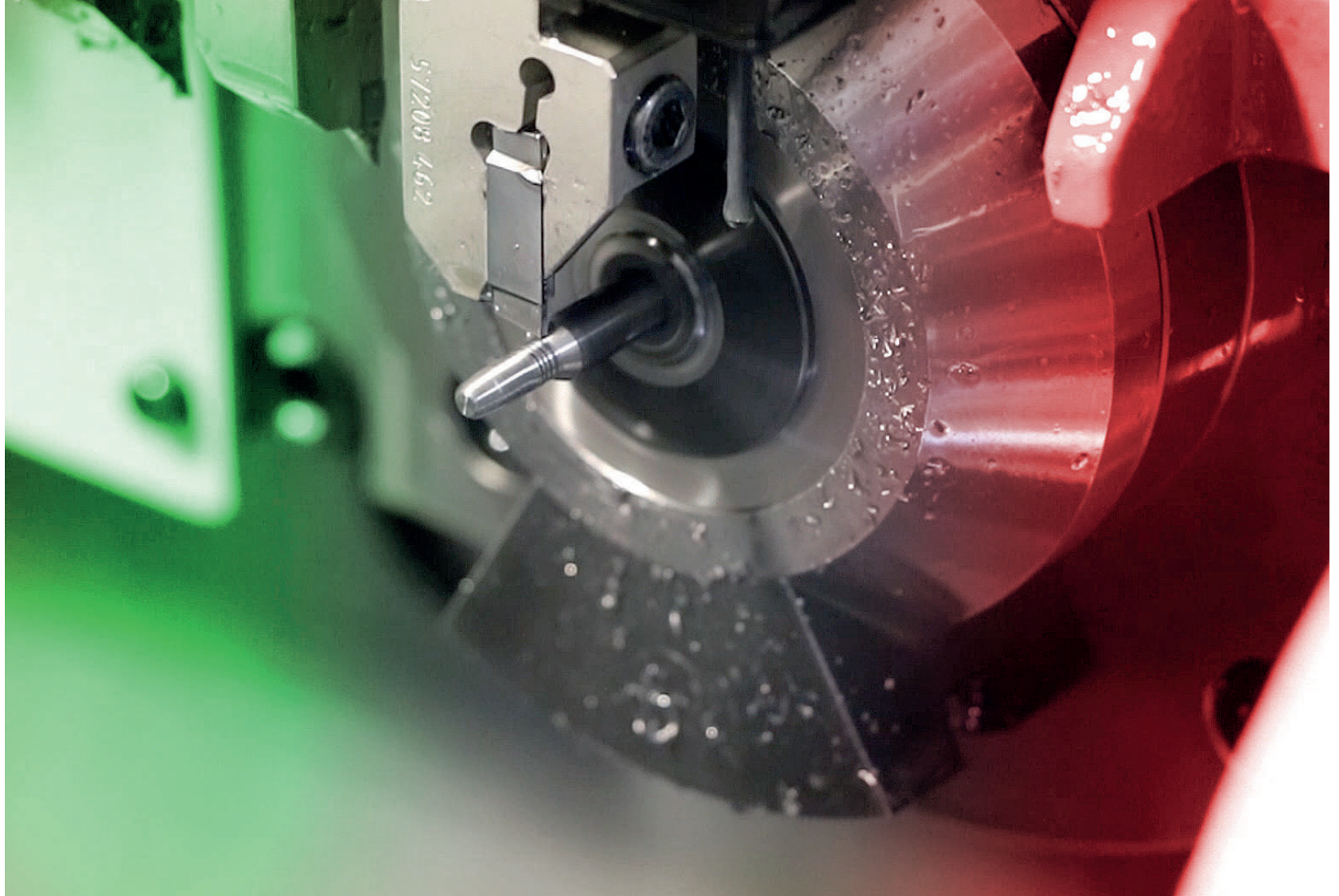


MADE IN ITALY: implant quality and excellence

The implants and prosthetic components are entirely designed and produced in Italy.

Keeping the complete production cycle in Italy gives us more control over quality and enables us to deliver exceptional solutions.





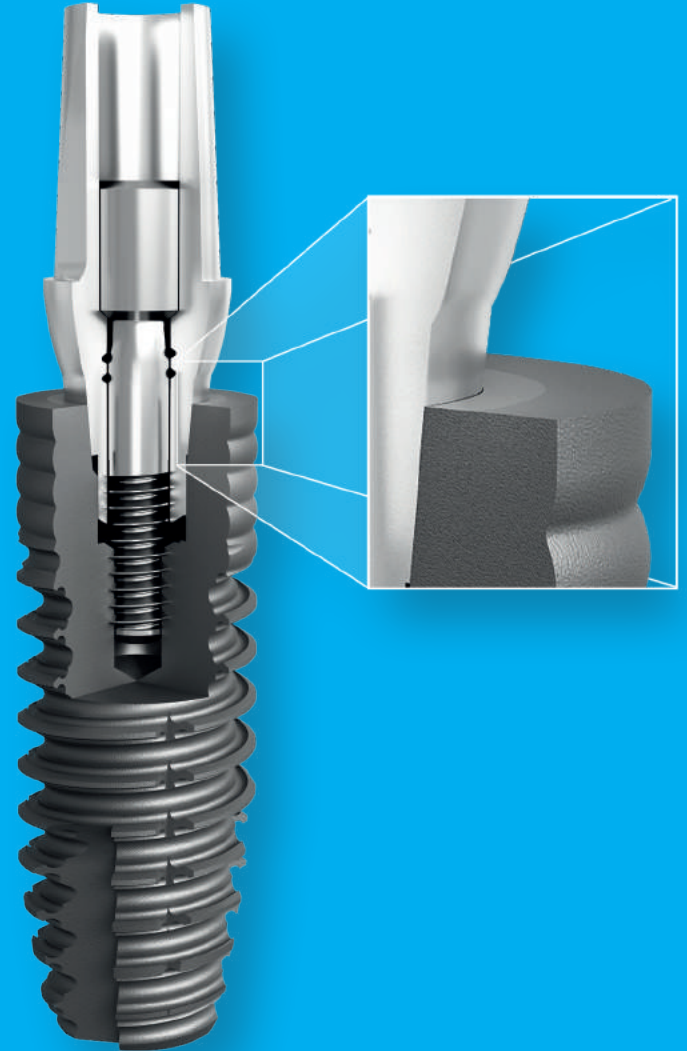
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CONICAL CONNECTION AND THE PLATFORM SWITCHING SYSTEM

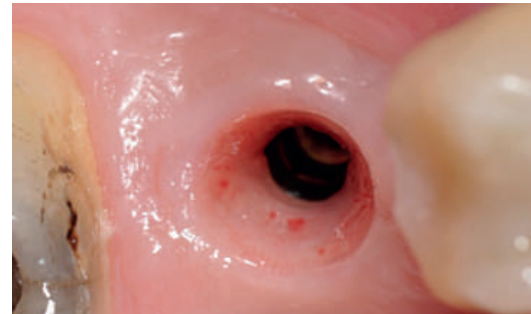
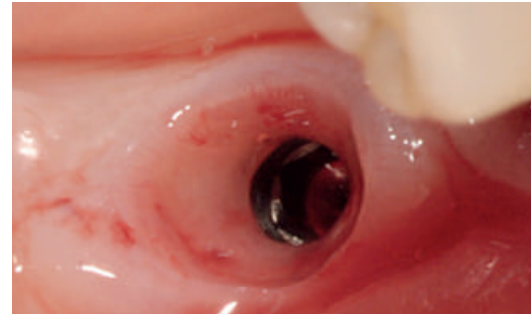
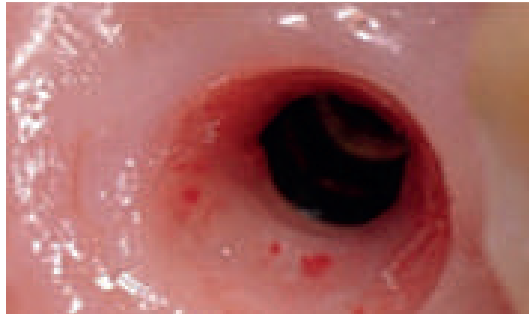
The **CLC CONIC** implant is connected to the abutment with a 6° Morse taper connection preserving the integrity of the marginal bone tissue and peri-implant soft tissue.

This conical implant-abutment connection makes the implant mechanically and biologically similar to a mono-block structure while providing the advantages of a two-part system.

The abutment and the outer border present a gap to create a platform switching effect, which promotes healthy bone tissue and peri-implant mucosa around the implant in the long-term.

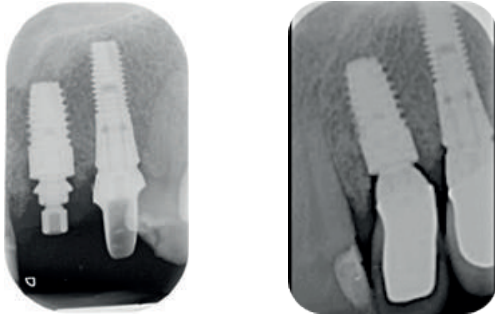
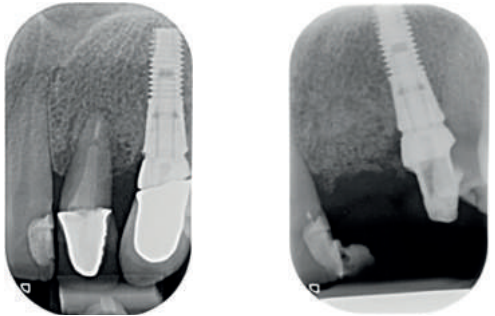


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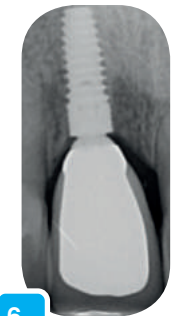
Case 1

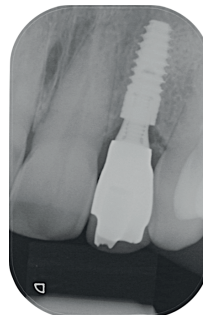
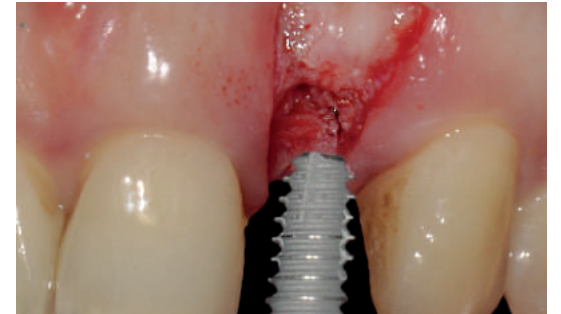
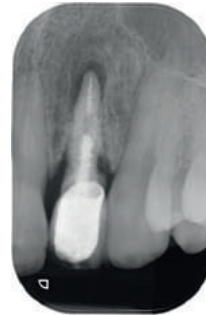
Dottor Soldini



Case 2

Prof. Lops





3

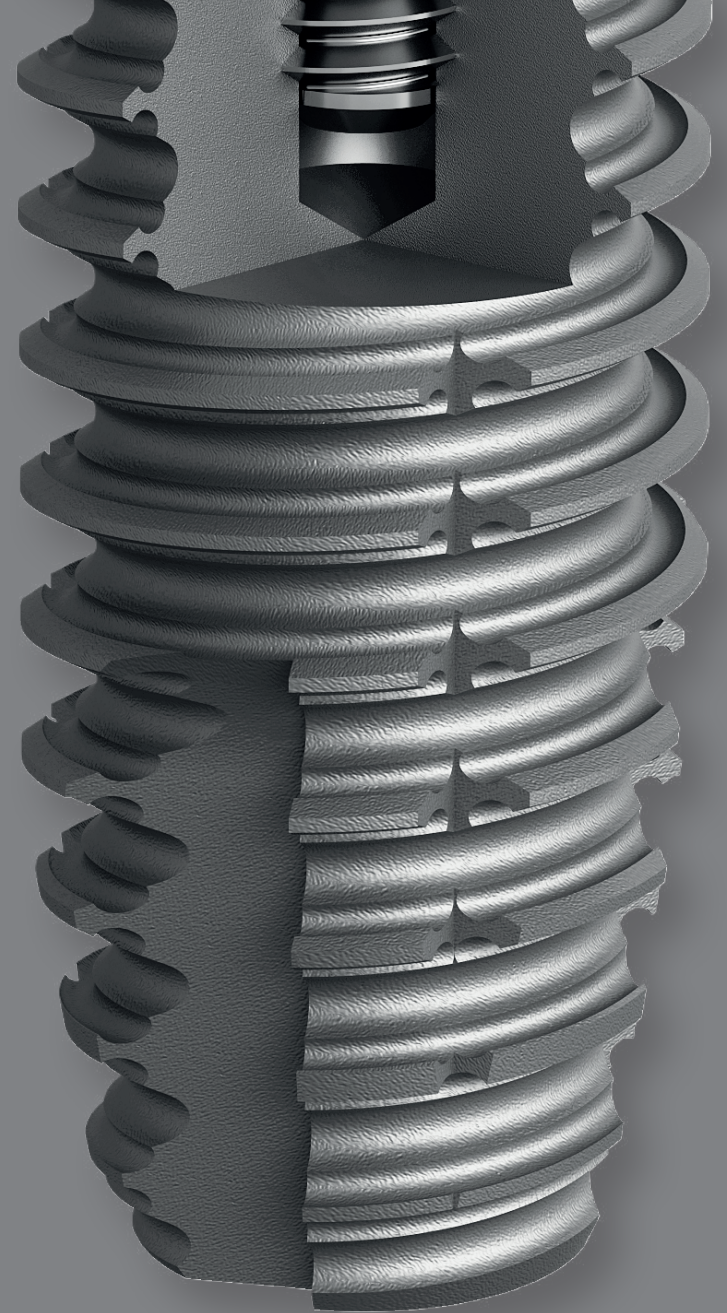
PRIMARY STABILITY

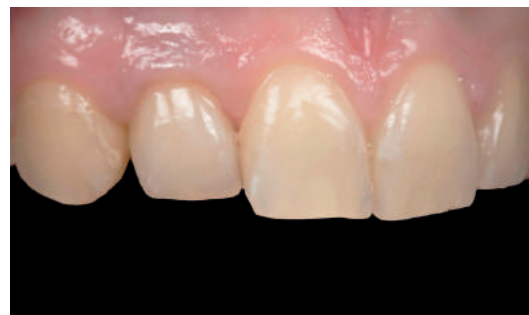
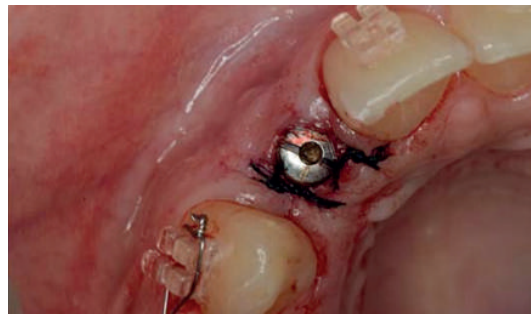
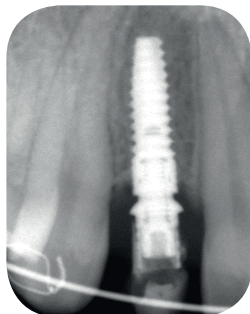
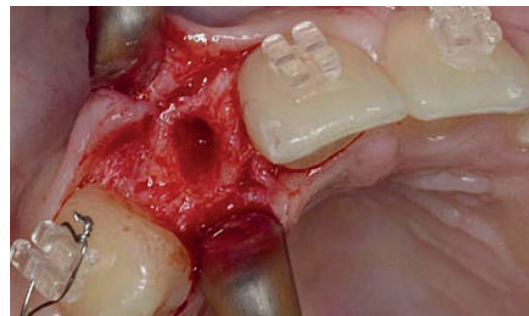
The body of the implant is designed to adapt to all bone types.

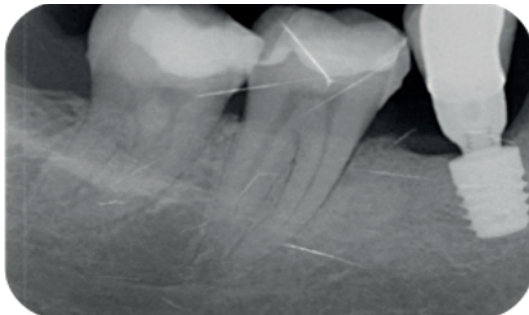
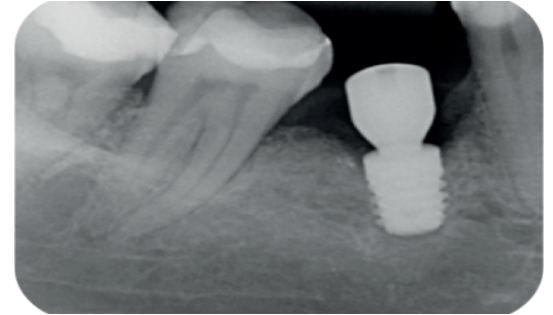
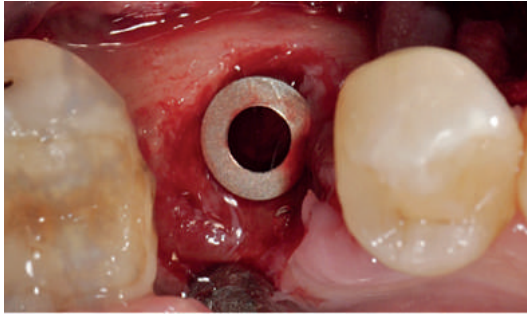
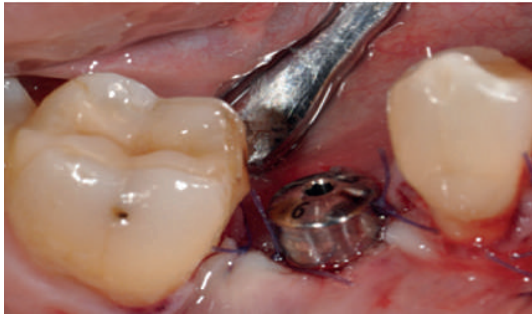
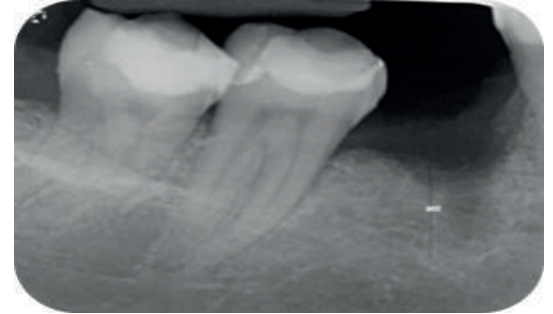
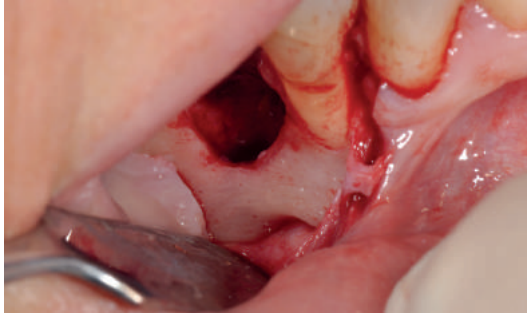
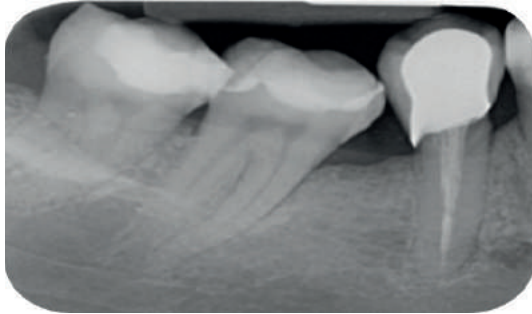
The body of the implant features a GEAR SHAPE screw thread consisting of a 25-micron double concavity that increases bone-to-impact contact for improved osteointegration.

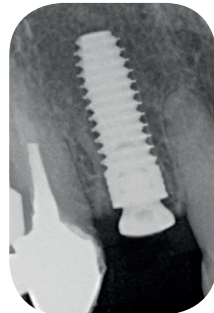
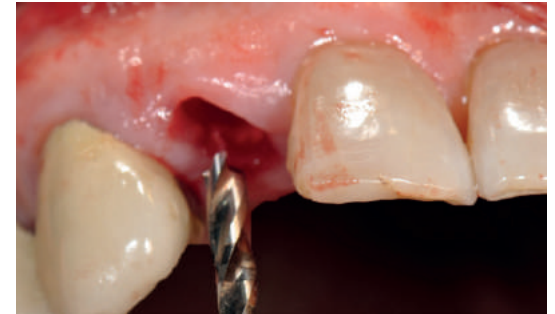
The macro groove at the tip guarantees better stability and prevents rotation.

The atraumatic neck evenly distributes the load and relieves stress.









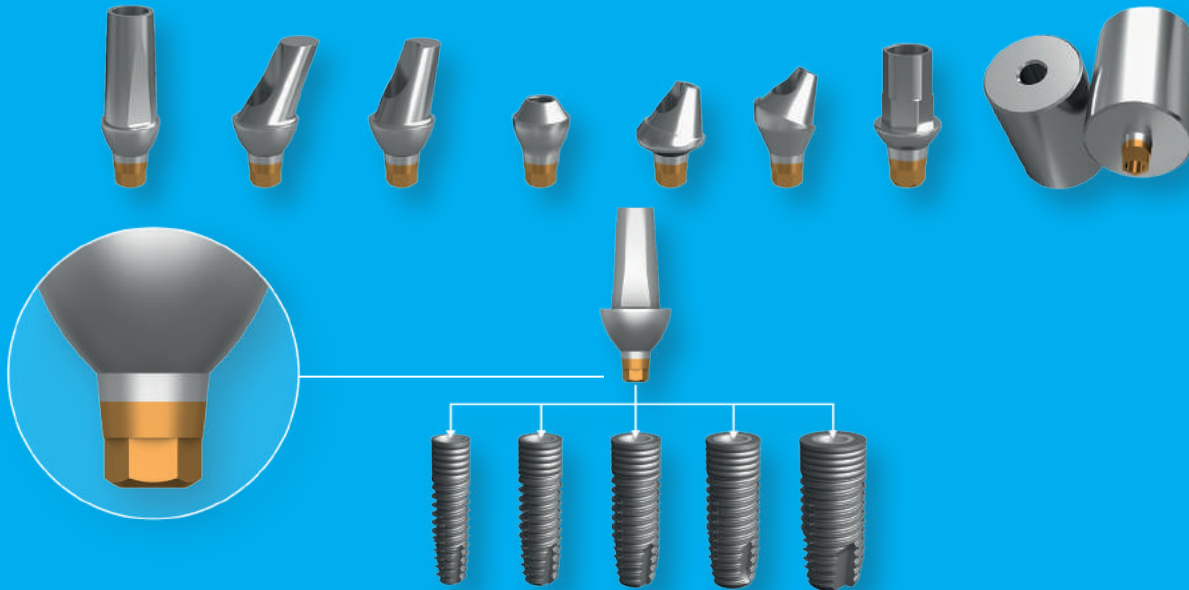
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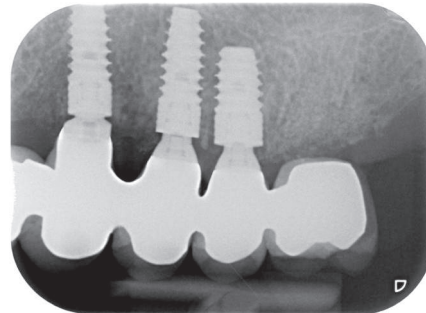
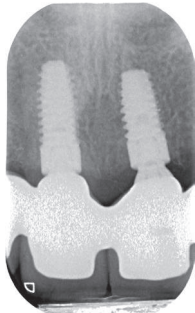
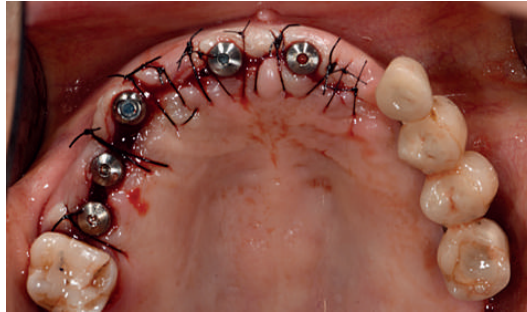
VERSATILE PROSTHETIC SYSTEM

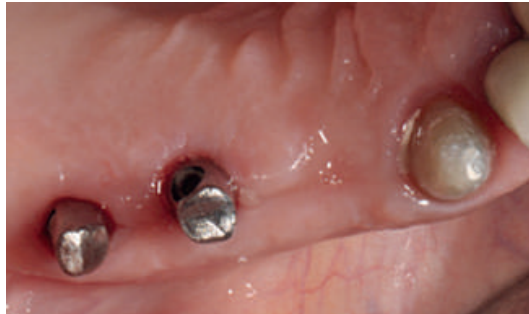
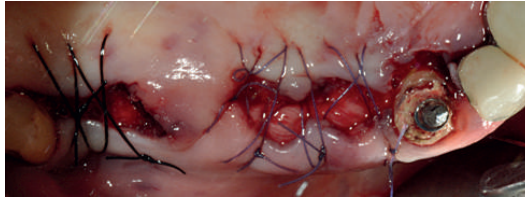
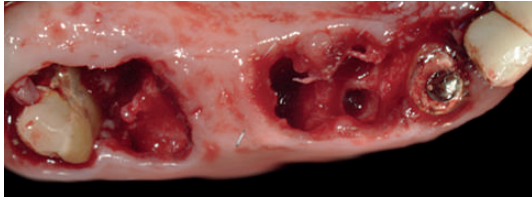
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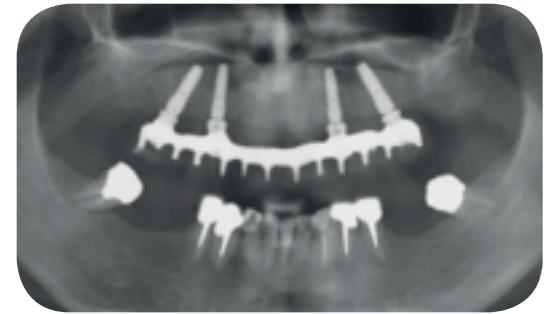
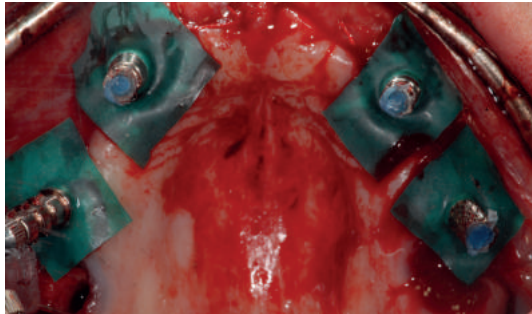
The **CLC CONIC** implant system features a single type of connection between the implant and prosthetic abutment, meaning one type of abutment can be used regardless of the implant's diameter.

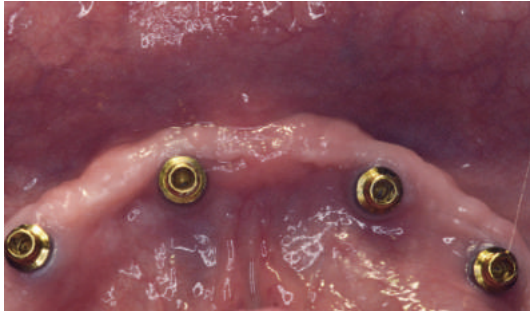
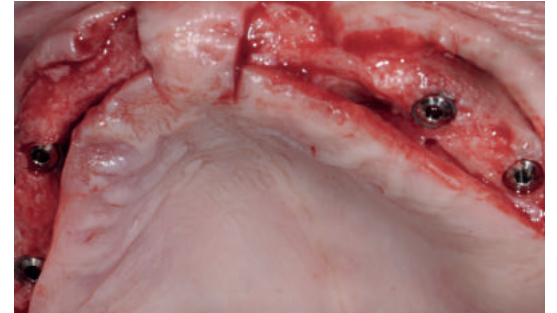
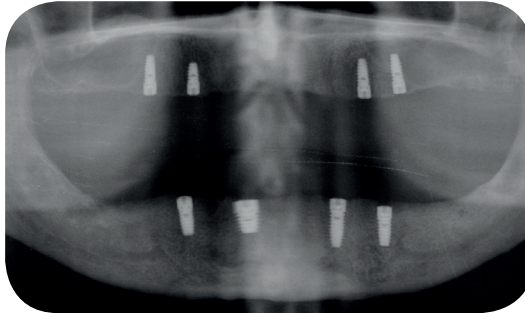
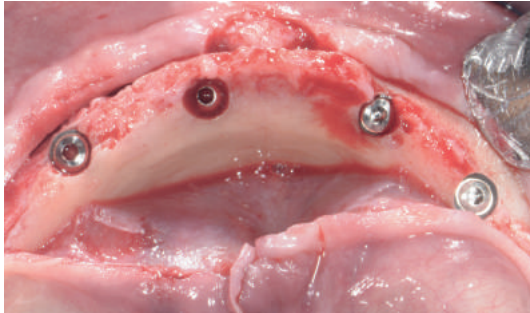
CLC CONIC implants are therefore ergonomic, with fewer components and, consequently, simpler treatment protocols.

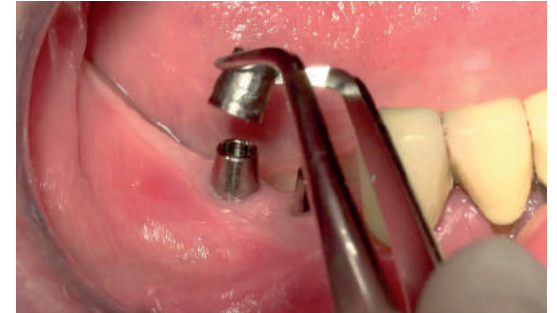
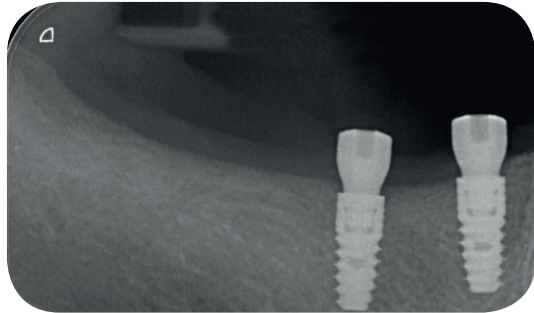








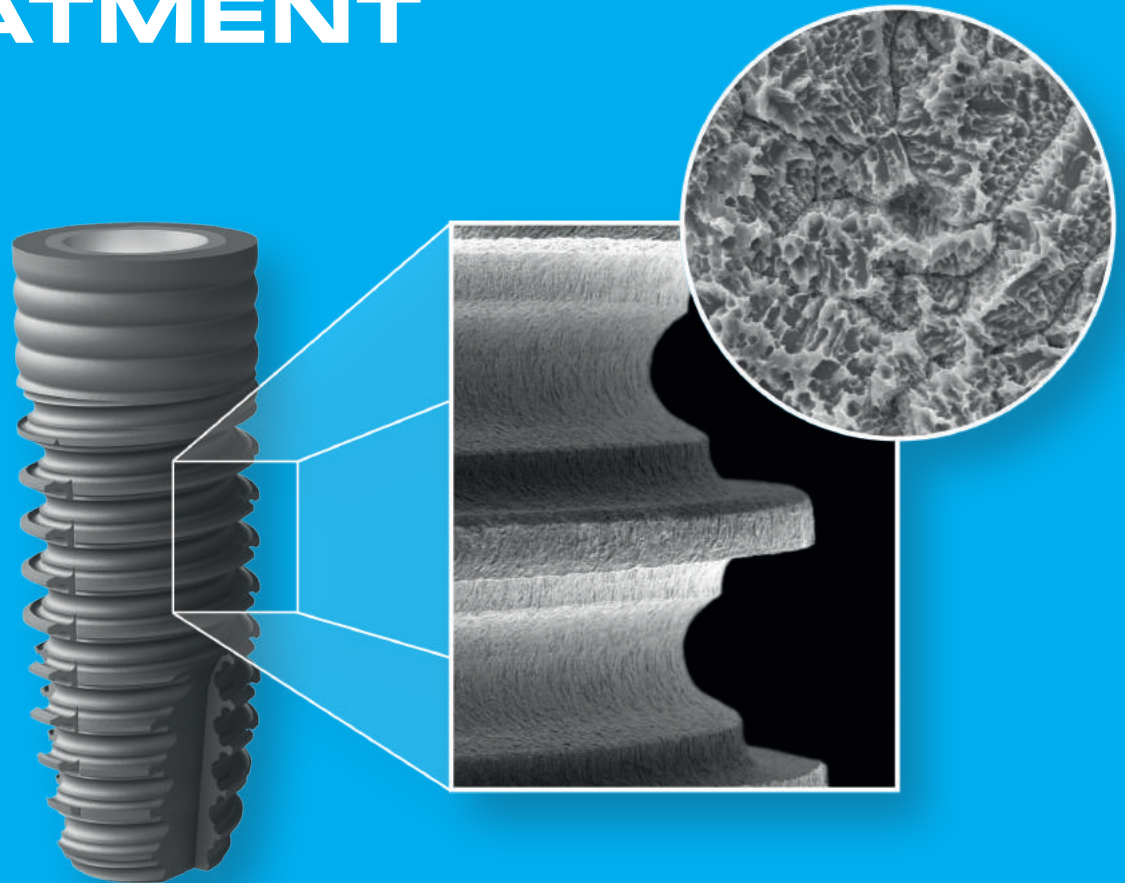




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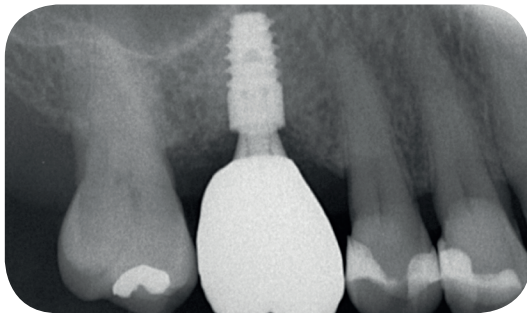
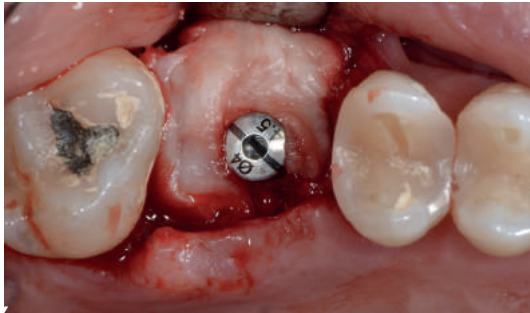
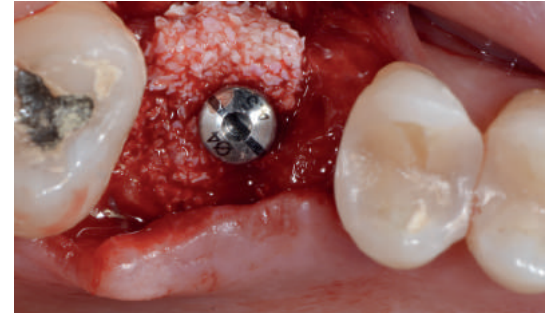
S.L.A. SURFACE TREATMENT

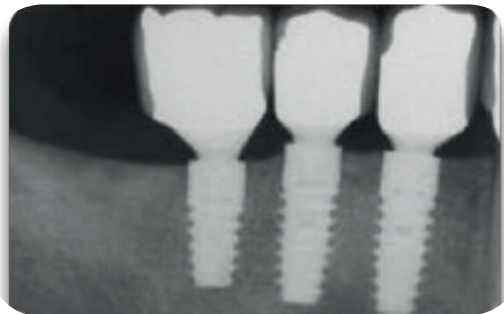
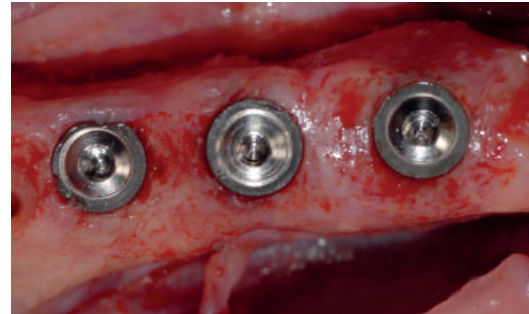
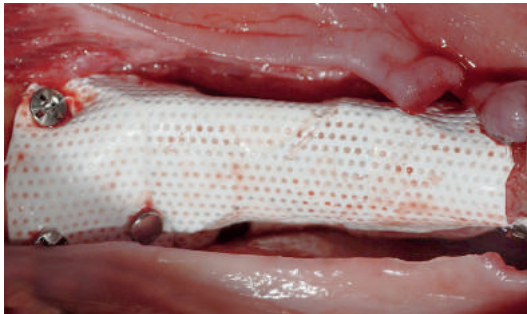
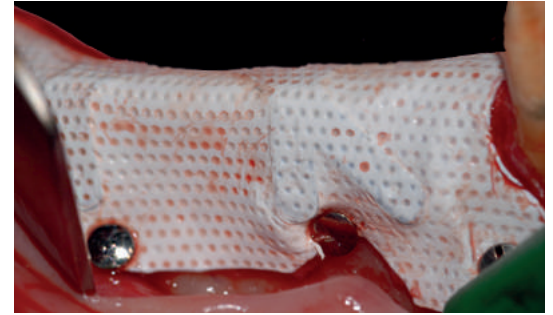
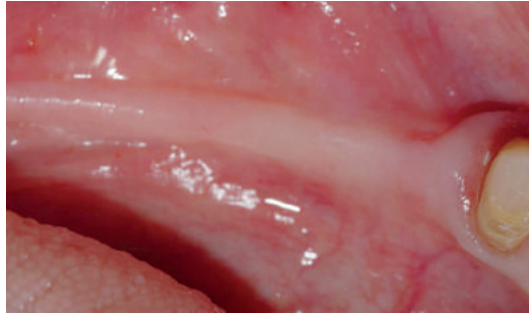
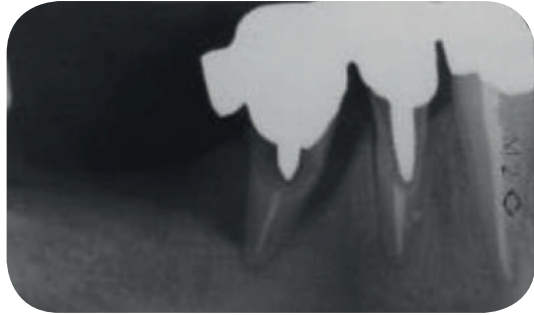
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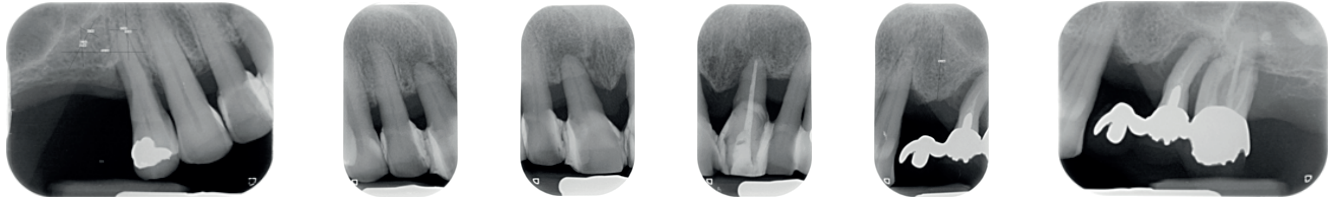
The surface of the implant is treated with S.L.A.

Sandblasting and subsequent acid-etching, to achieve an average roughness (Sa 1.3 μm) that improves osteointegration while limiting susceptibility to peri-implant infection.





10/2010



11/2011



05/2012



05/2018



QUALITY CONTROLS

CLC SCIENTIFIC scrupulously controls raw materials upon arrival to ensure that they meet the company's strict quality standards, which are consistent with or superior to regulatory standards.

The following documents are required for all incoming raw materials, i.e., titanium bars:

- Chemical composition certificate for the incoming titanium bars;
- Metallography test report, drafted with an analysis of the physical structure of the metals;
- Mechanical test report, which must meet CLC SCIENTIFIC's standards (see table below);
- Test to detect and measure warping of the titanium bars.

	Grade 4 Titanium	
Tensile strength	Minimum requirement ISO58322	Minimum requirement CLC SCIENTIFIC
	483	860



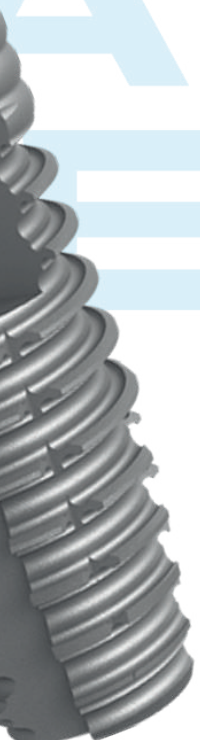
The surface treatment process is subject to strict controls including various post-treatment analyses to assess the quality of the process:

XPS surface chemistry analysis
(x-ray photoelectron spectroscopy)

SEM surface topography analysis
(scanning electron microscopy)

After surface conditioning, **CLC Conic** implants undergo two additional processes:

1. Double decontamination cycle with specific solvents and cold argon plasma to ensure total removal of any residual contaminants;
2. Double sterilization using radiation from an accelerated charge.



WARRANTY

CLC SCIENTIFIC's warranty for responsible doctors and dentists covers the replacement of implants and prosthetic components, according to the terms and conditions in the official warranty.

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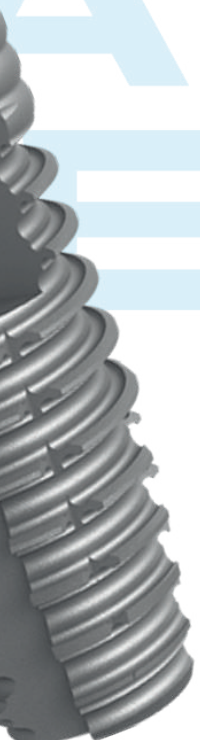
IMPLANT

SYSTEM

CLC AUTHENTICATION

CLC Authentication allows users to verify their purchase and receive original CLC SCIENTIFIC products.

Users may enter the product code and batch number for real-time verification that a component is authentic, ensuring greater security.



IMPLANT DIMENSIONS

Ø 3,5



h 08 mm
IMCC0358



h 10 mm
IMCC03510



h 12 mm
IMCC03512



h 14 mm
IMCC03514

Ø 4,0



h 08 mm
IMCC048



h 10 mm
IMCC0410



h 12 mm
IMCC0412



h 14 mm
IMCC0414

Ø 4,5



h 06 mm
IMCC0456



h 08 mm
IMCC0458



h 10 mm
IMCC04510



h 12 mm
IMCC04512



h 14 mm
IMCC04514

Ø 5,0



h 06 mm
IMCC056



h 08 mm
IMCC058



h 10 mm
IMCC0510



h 12 mm
IMCC0512



h 14 mm
IMCC0514

Ø 6,0



h 06 mm
IMCC066



h 08 mm
IMCC068



h 10 mm
IMCC0610



h 12 mm
IMCC0612



h 14 mm
IMCC0614



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