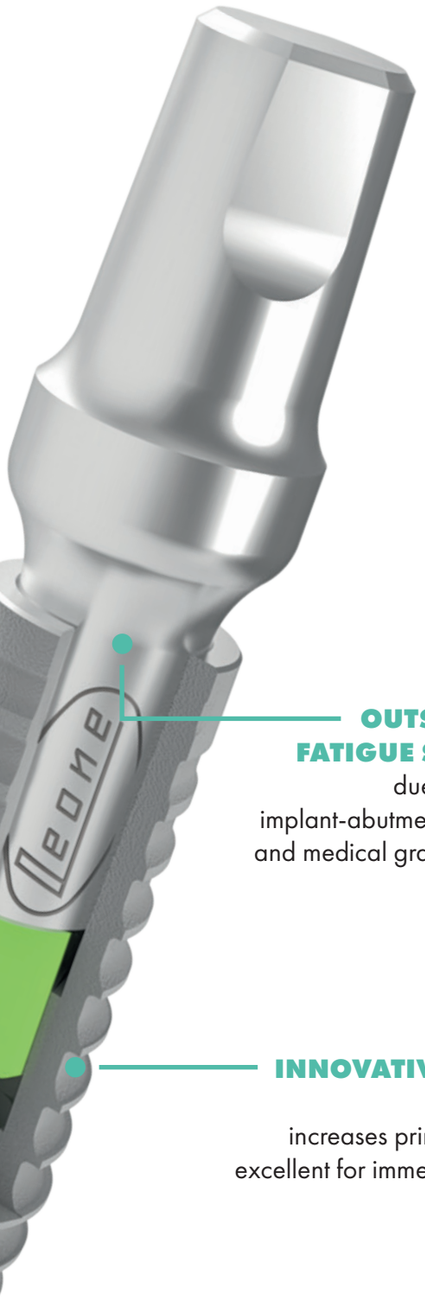


OUTSTANDING FATIGUE STRENGTH
due to the Leone implant-abutment connection and medical grade 5 titanium

INNOVATIVE THREAD DESIGN
increases primary stability, excellent for immediate loading

LEONE 2ø9 IMPLANT

High performance
Small diameter

EN-11-17

Orthodontics and Implantology
Leone S.p.a.
Via P. a Quaracchi 50
50019 Sesto Fiorentino | Firenze | Italy
Export Dept:
phone +39 055.3044620 | fax +39 055.304405
export@leone.it | www.leone.it

Orthodontics and Implantology

LEONE 2ø9 IMPLANT

Minimal invasiveness
Maximal reliability

ø 2.9 mm IMPLANT
Indicated for limited interdental spaces and narrow ridges:
- upper lateral incisors
- lower central and lateral incisors

MICRO-SANDBLASTED HRS SURFACE
Mean roughness ≃ 1,0 µm

CONICAL APEX
improves the insertion properties

The ideal solution for narrow spaces

"Thanks to Leone 2.9 implants it is now possible to perform secure and predictable implant therapy in patients with narrow bone volumes and a natural emergence profile of the prosthetic crown."

Dr. Francesco Argentino, private practitioner in Florence, Italy

Clinical case

A 60-year-old patient has been wearing a Maryland Bridge for 10 years to replace a lost mandibular central incisor.

Fig. 1
Initial situation: both bone width and interdental space are very reduced

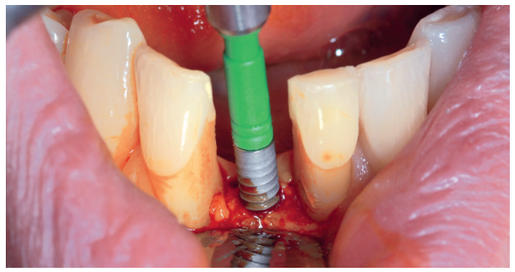


Fig. 2
Placement of a Leone 2.9 implant, 12 mm long

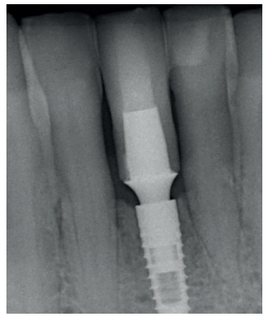


Fig. 3 - 4
The follow-up evaluation at 4 weeks after delivery of the final prosthesis confirms the adequacy of a small diameter implant

Video: complete clinical case

Clinical cases with the Leone 2.9 implant

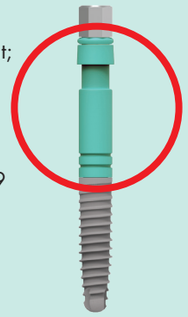
Courtesy of Dr. Francesco Argentino, Florence, Italy

Simplified surgery: only 3 drills and a new carrier

The Leone 2.9 implant does not require any special surgical components; 3 drills out of the Leone surgical kit are used:

- **lance drill**
- **pilot drill**
- **twist drill** Ø 2,8 mm

The innovative carrier increases the visibility of the implant during placement; two depth marks (at 1 and 2 mm) simplify subcrestal implant placement.



The surgical procedure for the Leone 2.9 implant is available online at:
leone.it/2_9procedure

Extremely resistant

Despite its small size, mechanical fatigue tests show that the Leone 2.9 implant is the best choice in its category as to strength and stability.

Mechanical tests

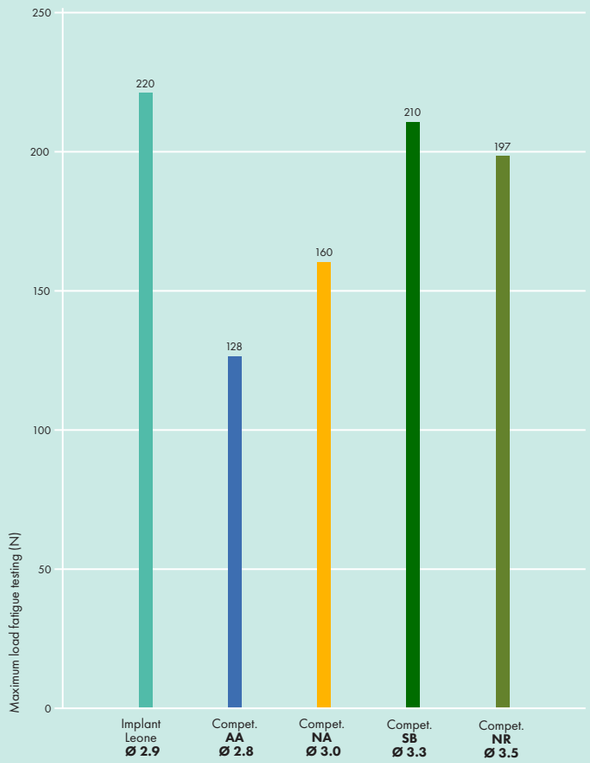
The fatigue tests for the Leone 2.9 implant have been carried out at the Department for Industrial Engineering, University of Florence. The tests were performed according to ISO 14801.

UNIVERSITÀ DEGLI STUDI FIRENZE | DIEF Dipartimento di Ingegneria Industriale

Details

Results

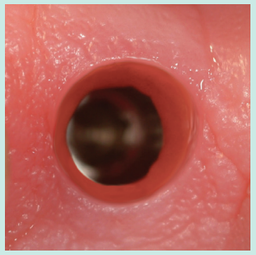
The comparison of fatigue strength of the Leone 2.9 implant with test results of other small diameter implants published by competitors demonstrates that the Leone Morse taper connection ensures a higher mechanical strength than other implant-abutment connections.



Leone implant system, available in the market for over 15 years

Leone implant-abutment connection

The Leone 2.9 implant presents the key features of the Leone Implant System, especially the **screwless self-locking Morse taper connection and the Platform Switching design** with all the well-known advantages, no micro-gaps and micro movements at the implant-abutment interface, preservation of the crestal bone over time and prosthetic simplicity and safety.



Scientific publications:
www.leone.it/english/services/publication-implantology.php
Leone News archive:
www.leone.it/pubblicazioni/

Prosthetic components

Leone 2.9 implants have the same internal connection as Leone Ø 3,3 mm implants, it is therefore possible to use the whole range of prosthetic components (healing caps, transfers and abutments) with **green colour code.**

For the prosthetic procedure, please refer to Leone Implantology Product Catalogue.

LEONE 2.9 IMPLANT with cover cap

	Ø 2.9 mm		
length	10 mm	12 mm	14 mm
	110-2910-02	**110-2912-02**	**110-2914-02**

Made of medical grade 5 titanium
Micro-sandblasted HRS surface
Morse taper connection and internal hexagon