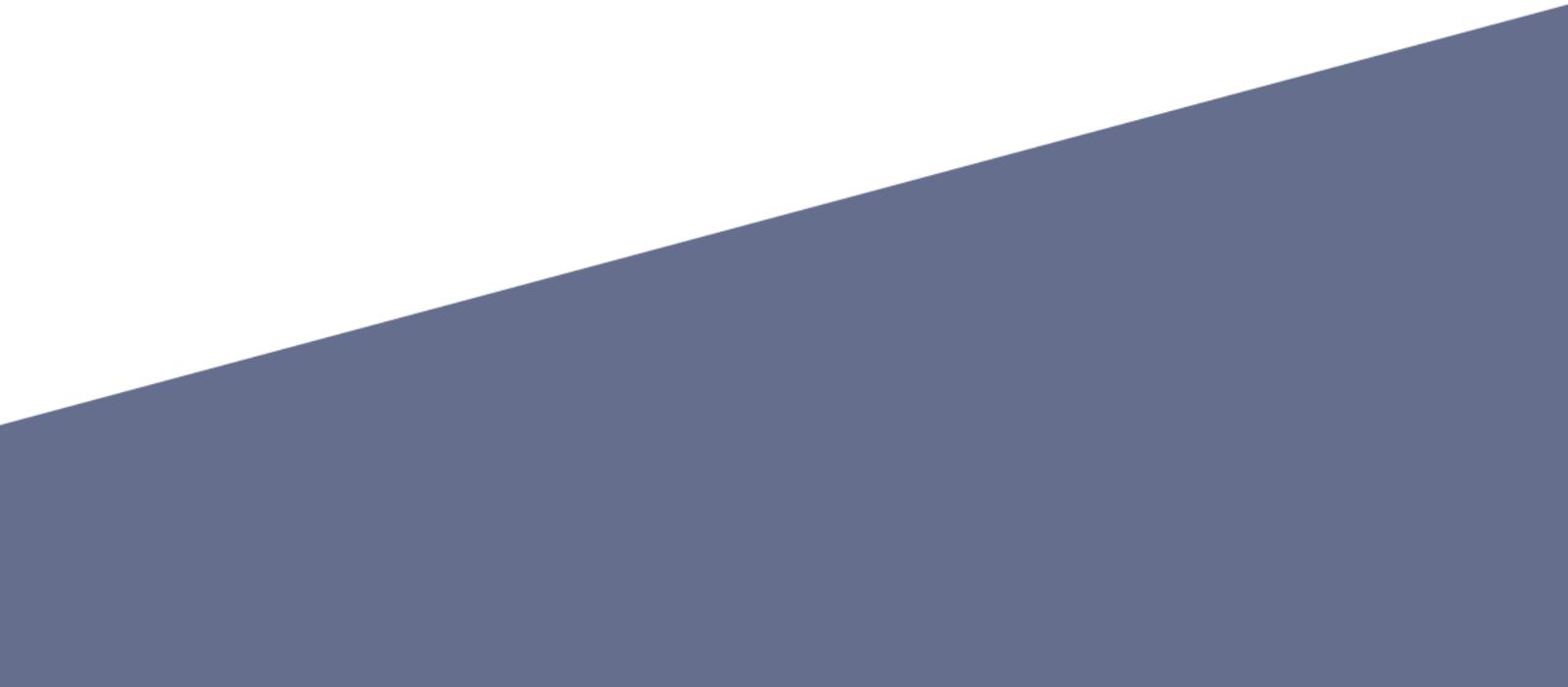


The logo graphic features a central blue circular node connected to three grey circular nodes, with a hexagonal bolt-like detail on one of the grey nodes. This graphic is positioned above the text and partially overlaps an orange wavy line that spans the width of the page.

SPIDER[®] IMPLANT[®]

Reshaping the future
of dental implants

A large, solid dark blue shape that starts from the bottom left corner and extends diagonally towards the top right, occupying the bottom half of the page.

Founded in 2013, Spiderimplant® is a high-tech startup that develops and manages patents in the bio-medical field, especially across surgical branches. Spiderimplant proprietary innovations arise from the pursuit of the company's mission: to improve traditional implant approaches by enhancing operational performance and moving towards conceptual essentiality. After patenting, trademark registration and scientific dissemination, our products are launched within international markets by establishing medium-to-long-term relationships with production and commercial partners interested in the exploitation of the relevant licenses.

With this document we intend to present the latest developments of our company. These are radically innovative solutions that push the boundaries of traditional implant treatments in the presence of atrophy.



SPIDERIMPLANT technology

The patented DistalOsteointegration® technology is the foundation of the entire SPIDERIMPLANT product range, consisting of a series of types of dental implants that allow to treat any case of vertical and transversal atrophy of the jaws with a minimally invasive approach.

DistalOsteointegration technology®

Inspired by the principles of:

- *Osteointegration*

- *Rigid Fixation*

- *Guided Bone Regeneration*

Through assembly of:

Locking fixtures
(Twin Implants®)



Locking plate(s)
(Plate abutment®)



Traditional
Dental implants



* Applicable to any existing product

With the aim of reducing the **INVASIVENESS, RISKS, COMPLEXITY, COST** and **TIME-SPAN** of implant treatments in the presence of bone deficit, SPIDERIMPLANT created a ground-breaking technology for the dental implant market. The several assembly options of the three components above give rise to unique and specific implantological solutions for radically different atrophic sites. These consist of solid, artopodal, yet customizable implants.

Key benefits



Intra and post-operative security

Simpler approach in the presence of atrophies

Customization and flexibility of use

Reduced operator costs

Bypass of reconstructive procedures

Vertical atrophy solutions

To date, the surgical procedures used for the treatment of posterior jaw atrophies are Sinus Lift, Bone Grafting and Zygomatic Implants. These are complex and aggressive approaches, therefore leading to longer treatment time and high risk of complications.

SPIDERIMPLANT revolutionizes these procedures with a simpler and minimally invasive technique.

SinusImplant® and MiniZygo® are examples of how this new approach guarantees flexible and effective universal solutions, for dentists (SinusImplant®) and maxillofacial surgeons (MiniZygo®). The following representations demonstrate the main innovation of either solutions: the modularity of the final implants.

MiniZygo®

Assembly of the components:

Conometric coupling of primary implant and Locking Plate

Solid coupling of Locking Plate and Locking Fixtures

Customisation of Locking Plate by moulding

Customable arthropodal rigid structure

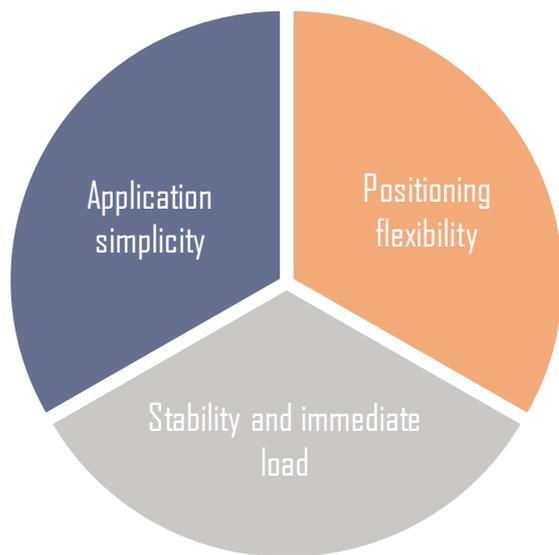


SinusImplant®



Solution for cross-cutting atrophy

The commonly used treatments for transverse atrophies of the jaws are either complex and risky reconstructive techniques (G.B.R and Bone Grafting) or the fragile and inefficient “narrow-diameter” implants. SPIDERIMPLANT also breaks through these limits with its Platel implant® solution, specifically addressing very thin ridges.

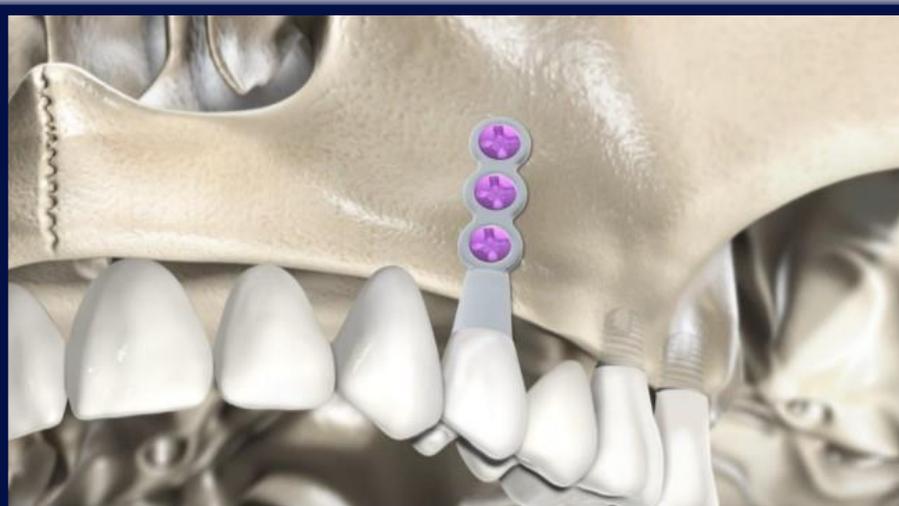


The unique (i.e. single) but tripodal structure of the implant and the integration of the prosthetic platform into the Locking Plate means that the device is simple and flexible to position, as well as minimally invasive.

At the same time, the tripodal and bi-cortical nature of Platel implant® guarantees stability and allows for immediate loading.

Platel implant® consists of three Locking Fixtures (Twin implants®) with a Locking Plate, which can be customized by moulding and is equipped with anti-rotational prosthetic platform.

Platel implant®



Why SPIDERIMPLANT

S

SIMPLE. Only having three structural components with intuitive connections between them greatly reduces the complexity of surgical operations.

P

PRACTICAL. The technique has been proven successful across two crucial dimensions: the primary stability of the implant and its integration with the surrounding tissues.

I

INTEROPERABLE. The concept of "solid connection between implants and plates" is applicable to all products which enable multiple coupling options.

D

DISTINCT. Unlike standard implants on the market, our products are made unique by their customizable nature, even during the surgical procedure.

E

EASY-TO-USE. Our solutions drastically simplify surgical procedure, making them less invasive and risky for patients, while ensuring excellent clinical outcomes.

R

REVOLUTIONARY. We have created the tools to bypass pre-implantological reconstructive techniques, in all possible clinical cases of atrophic jaws.

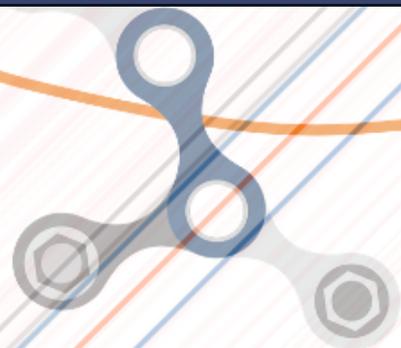


Patent protection

DistalOsteointegration technology® and the full range of SPIDERIMPLANT products are covered by International Patents that protect their exclusivity. The same legal protections apply to all relevant trademarks that have been registered and which belong to the company SPIDERIMPLANT S.r.l.

Technical-clinical validation

SPIDERIMPLANT patents have been materially created through certified industrial productions and/or customized devices. Each product underwent scrupulous biomechanical validation in the laboratory, and then subject to clinical trials, published in the form of Case Reports and retrospective studies.



Contacts



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