

The logo graphic features a stylized spider web or network structure. It consists of a central blue node connected to three grey nodes, which are further connected to a larger grey node. The entire structure is overlaid on a thick, wavy orange line that curves across the top of the page.

SPIDER[®] IMPLANT[®]

Reshaping the future
of dental implants

Patients brochure

Founded in 2013, Spiderimplant® is a high-tech startup that develops and manages patents in the dental surgery field. Spiderimplant products arise from the pursuit of our vision: improving current treatment options for clinical cases in presence of vertical and transversal atrophies of the jaw. The dental industry has indeed for years settled on extremely invasive, expensive and complex solutions to treat jaw atrophies (e.g. bio-materials and invasive procedures like Sinus Lift, G.B.R.). That comes at the expenses of patients, which are often offered risky, complex, and expensive solutions, also carrying a considerable degree of post-operative complications.

Spiderimplant® technology guarantees patients a simplified, low-risk and accelerated treatment, without trading off the quality and efficacy of the solution itself.



HOW we do so? – our products inspired from “conceptual essentiality” and are realized by the flexible combination of three unique elements: a locking plate, locking fixtures and a common dental implant (see left). This innovative implant concept allows us to offer patients customizable implants, 100% in line with their unique clinical case.

MiniZygo



SinusImplant



Platel Implant



Solutions for vertical and horizontal atrophies of the jaw

Current techniques

High invasiveness, considerable intra- and post-operative level of risk

Time-consuming clinical plans

Costly equipment and procedures

VS

Spiderimplant®

Minimal invasive, simplified and secure treatment

Compatible with immediate loading (faster time-to-teeth)

Costs comparable to traditional implant treatments



Spiderimplant products laser focus on long-standing issues belonging to traditional treatments for bone atrophies of the jaw, a clinical situation characterized by reduction in bone density due to the excessively fast breakdown/deterioration of the bone substance and structure.

Traditional approaches have focused on “re-establishing” a sufficient bone density on the affected surgical area so to place a stable, traditional implant. This procedure usually relies on:

- Adoption of bio-materials, synthetic or of animal origins, carrying extremely high risk of “rejection”.
- Bone-grafting, an invasive and time-consuming surgical procedure that uses transplanted bone.

Another common approach is the adoption of zygomatic implants, which however require high-level of expertise and are highly risk sensitive (due to likely, adverse consequences to the Schneider membrane).



In contrast, Spiderimplant products rely on a distributed anchoring, **meaning the implant is given stability by exploiting the surrounding bone**. Therefore, there is no need for bone regeneration or bone grafting, and the results far exceed traditional techniques outcomes. Below are the typical steps needed to deliver a Spiderimplant product to the patient:

Personalized, flexible, simplified and high quality treatment

Activity	Evaluation clinical case and options	Pre-surgery activities, preparations	One-go surgery, single session	Post-surgery, after care evaluations
Duration	testo	testo	testo	testo

Each implant variant of our technology has been subjected to a pluri-annual onfield exploration and clinical validation, contributing to over 100 clinical cases and 10 implant variants to date.

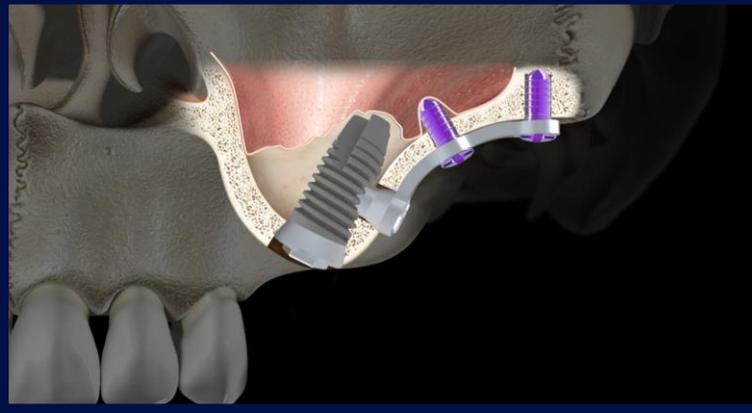
The key results can be found in our clinical cases and academic publications, above which:

- Excellent tissue integration and bone regeneration;
- No adverse reaction of sinus mucosa;
- Enhanced primary stability thanks to “locking effect”.

[Check our clinical cases](#)

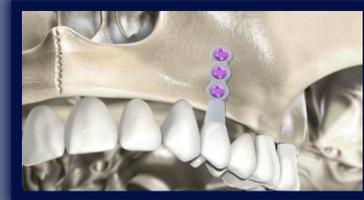
[Check our clinical videos](#)

MiniZygo: Coronal skull view



MiniZygo: Lateral skull view

Platel Implant: Coronal skull view



Platel Implant: Lateral skull view

Sinus Implant: Lateral skull view



Sinus Implant: Coronal skull view



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