

# ImplantBook®

2019 | Global guide for Dealers and Dentists



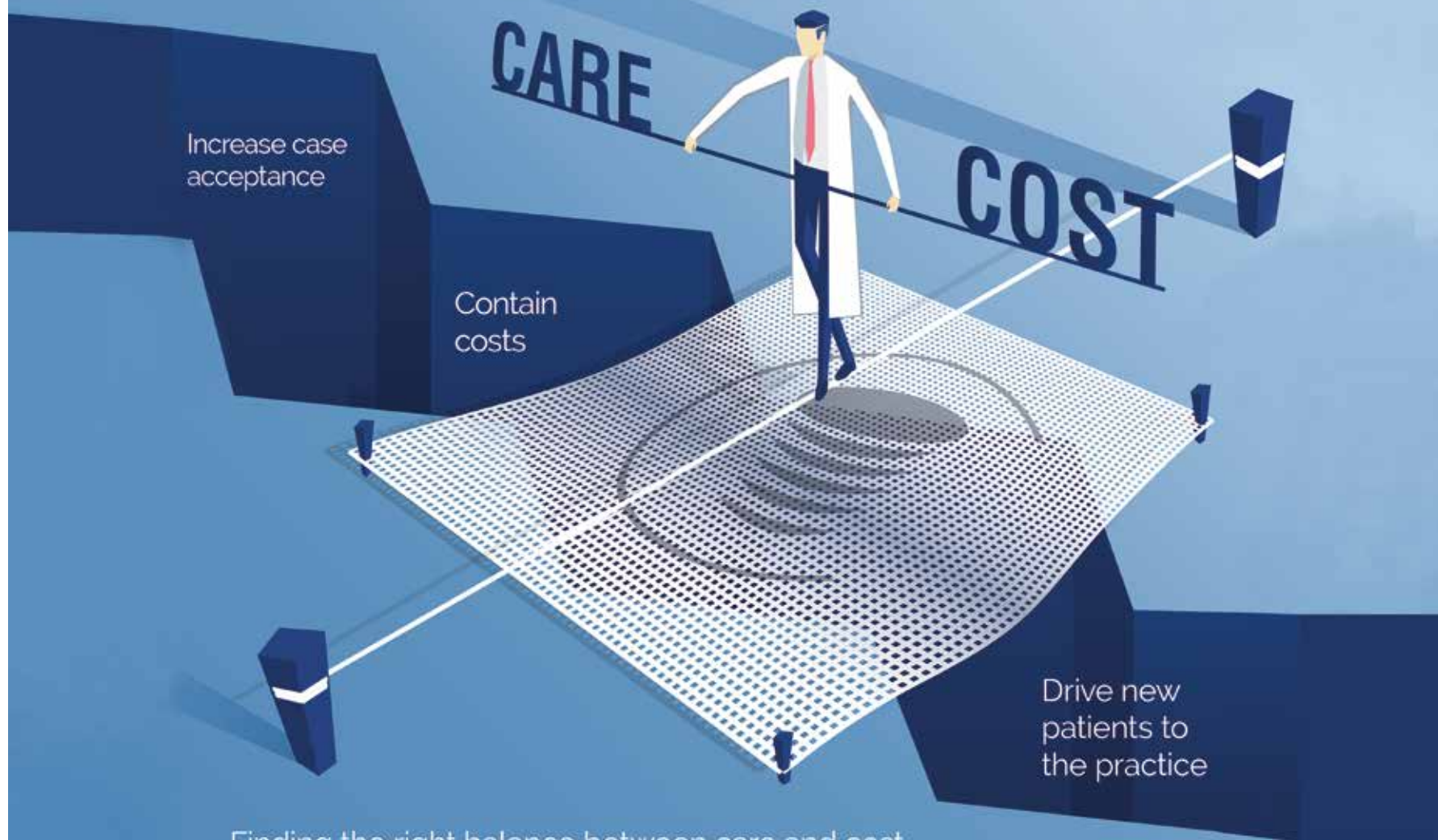
DENTAL IMPLANTS

AROUND IMPLANTOLOGY

CONGRESSES



# Find the perfect balance...



Finding the right balance between care and cost can be challenging. Ritter Implants is here to help you bridge the gap, so you can concentrate on what really matters - your patients.

Contact Leon Beaulieu

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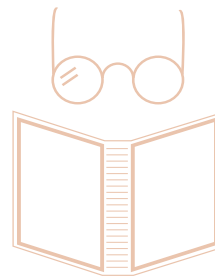
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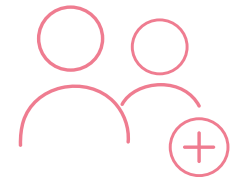
in the contents page the chapters you are interested the most:

**Dental Implants, Around Implantology**  
(Osseointegration, 3D Printers and Scanners, Equipment, Piezosurgery, Software, Radiology).



## 2 • READ

carefully the **product highlights** and the **feature articles** to select the companies **closer to your needs**



## 3 • CONTACT

your next manufacturer and **express your interest** for the product.

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# Around Implantology

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# EXPERIENCE at the service of **QUALITY**

## 100% MADE IN ITALY

Established in 1973 as a first-rate utensil manufacturer, Saeg has specialized in manufacturing medical devices for oral implantology over the years. It guarantees high quality items thanks to its experience in the field. It also offers the best customized solutions according to the customer's requirements.

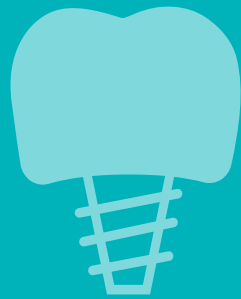
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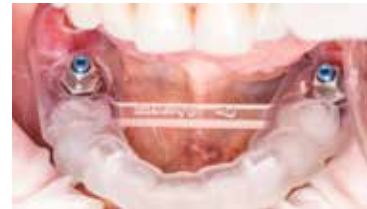
**DENTAL IMPLANTS**

# Cortex Smart Guided Surgery System

*Dr. Orlando Alvarez*

Today to navigate on the road you use GPS systems, why not in dentistry?

Here there is a septum case that was solved via combination of virtual implant planning software - Implant Studio (3Shape), with Cortex Guided Surgery Kit System that provides the ability to perform the right implant installation, and Magix Implant by Cortex - a proper implant design that could act as a bone expander using a minimum bone drilling.



Advances 3D imaging technology, including CT scans combined with CAD/CAM technologies have revolutionized the field of implant dentistry.

The use of computer-guided implant surgery was developed to allow a visualized, precise and prosthetically driven virtual

planning. It allows to improve the accuracy of surgical implant placement and final prosthetic outcomes.

The case was planned remote to the treatment place in the Digital Lab at Cortex HQ. After one week the surgical template was received in Chile, where the procedure was performed.

Following the clinical and radiographic examination, a virtual diagnostic impression was taken plus a CBCT scan. The digital data files were imported into computer-guided planning software and perfectly merged.

Cortex Magix implant for the mandibular first molar was virtually planned for placement in the septum site. The ideal position of the implant was virtually planned based on the anatomical architecture and prosthetic considerations. The angulation and vertical position of the implant were determined to minimize axis loading of the implant and create a proper emergence profile.

A 3D printed surgical template from a rapid prototyping machine (Stratasys) was designed and fabricated for the surgery. The drilling osteotomy and Implant installation process were smooth and precise, and the results run as they were planned.

There are clear advantages to the clinician as well as to the patient. Some of them are reducing the time of the procedure and the healing process. The implant installation is more secure, like when planned to be installed in a fresh socket site or an incomplete bone healing of a lower or upper first molar.

In conclusion, the procedure based on a virtual simulation allows you a complete analysis of 3D implant position in relation to vital maxillofacial structures such as nerves, sinus, adjacent teeth and of course the limits of bone (quantity & quality). More importantly, it provides a link between the virtual prosthetically driven treatment plan and the actual surgery by transferring the simulated intervention accurately to the surgical site via a surgical template made exclusively to your case and selected implant.

Contact Cortex Dental Implants Industries Ltd. to know more about Cortex innovative Digital Solutions.

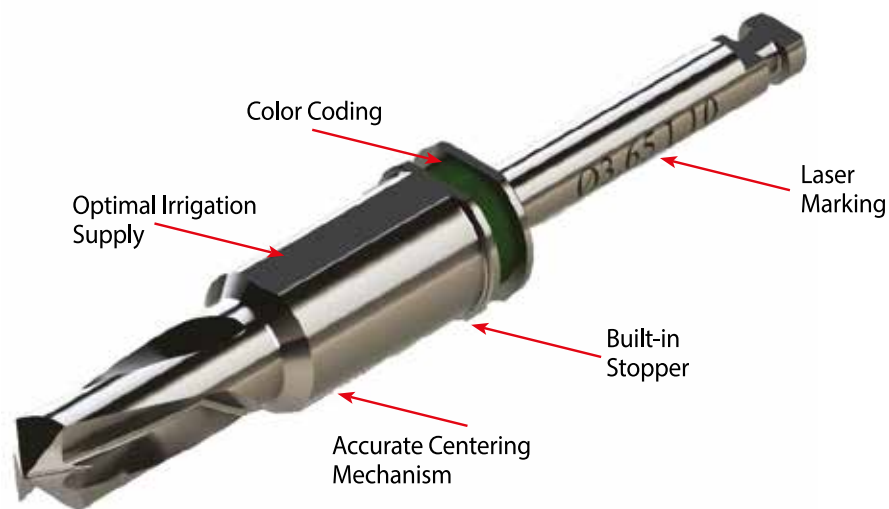
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# Perfect Drills for Perfect Implants

- Wide selection of stock items
- Customized drills
- Countersinks
- Tissue punch
- Trephine
- Coated drills

## Guided Surgery Drills

- Carmex supports all major guided surgery drill systems
- Available with DNT<sup>2</sup> coating



# Dentatus ANEW

## narrow diameter implant system

### One implant more options

#### LONG-TERM RESTORATIONS

Many dentists choose to use Dentatus ANEW Implants as a long-term solution providing gold standard treatment options for more patients who would otherwise forego implant treatment. In areas of limited bone width, mesial-distal space or converging roots, Dentatus ANEW is an ideal solution. With a tapered apical end, Dentatus ANEW implants can be placed in interdental spaces as thin as 3.5mm without the need for bone augmentation or orthodontic interventions.

Since their FDA Clearance in 2004 they have been used routinely for single tooth replacement in areas of congenitally missing laterals and lower centrals. Dentatus ANEW is the only narrow-body implant with a screw-retained prosthetic system and over 14 years of clinical and university based research supporting safe and reliable, long-term use.

#### INTERIM SOLUTIONS

With the minimally invasive 1.8mm diameter, Dentatus ANEW can be used as an interim device for stabilizing patients during full arch restorations, bone augmentation and sinus lift procedures.

#### DENTURE RETENTION

With the Elypse Platform ANEW can also be used for removable prostheses with the proven ATLAS® Denture Comfort™ technology.

#### THE OPPORTUNITY

Dentatus ANEW's narrow diameter system is designed to complement your current implant system. With low start-up costs, Dentatus ANEW offers the most prosthetic versatility, while taking into account the generally accepted principles of implantology. One Implant... More Options

#### SINGLE TOOTH PROSTHETICS



*Courtesy Dr. Paul Petrunaro, 2004*

#### MULTI-UNIT RESTORATIONS



*Photos courtesy Dr. Ziv Mazor*

#### ELYPSE® FOR REMOVABLE DENTURE



*Photos courtesy Dr. Mark Iacobelli*

Dentatus ANEW is available in 1.8, 2.2, 2.4 and 2.8 mm diameters.

[www.dentatus.com](http://www.dentatus.com) // [info@dentatus.se](mailto:info@dentatus.se)



# DENTATUS NARROW BODY IMPLANT SYSTEMS

## FOR NARROW RIDGES AND LIMITED SPACES

### Anew® Implants With Screw Retained Prosthetics

The Anew Narrow Body Implant System is more versatile than ever before, now offering both fixed and removable prosthetic options for your most challenging cases.

Designed to complement your current implant system, Anew's narrow diameter is ideal for patients with insufficient bone width, limited interdental space or converging roots. The screwcap allow easy removal and reattachment of the prosthetics.

The versatile Anew system includes various platforms for screw retained single or multiunit prosthetics and Elypse for removable dentures. Implants available in diameters 1.8, 2.2 & 2.4 mm



[dentatusanew.com](http://dentatusanew.com)

### Atlas® Implants for Denture Comfort

The narrow diameter Atlas implant is designed to retain lower dentures for patients with moderate to severely resorbed bone. Atlas Implants are utilized with Tuf-Link® II silicone reline material. They provide cushioned support and stabilization with gentle, firm retention of the denture. The system distributes the chewing force on the ridge and implants without housings, O-rings or adhesives.

The Atlas minimally invasive procedure without a surgical flap and the implants can be immediately loaded which dramatically reduces chair time. Patients can walk into the clinic and leave within an hour or less with a comfortable and stable denture. Implants available in diameters 1.8, 2.2, 2.4, & 2.8 mm



[dentatusatlas.com](http://dentatusatlas.com)

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# Futura

## Manufacturers of dental implants



*FUTURA was founded by Dr. Giovanni Carlo Ferretti in 1987. Following its founder footprint, FUTURA today designs and produces functional and easy to use implant systems.*

High quality raw materials are the first asset of FUTURA implant systems: implants made in Titanium gr.4 ASTM F67 for mechanical resistant and biocompatibility. The surface treatments performed on "Devices" are carried out with processes controlled by current legislation UNI CEI EN ISO 13485-2012, in order to guarantee all the characteristics of the titanium.

The prosthetic components and screws are made in Titanium gr. 5 ASTM F136 used for high mechanical strength, stainless steel for surgical instruments.

Design and production taken on site with validated and controlled processes, up to white room packaging, sterilization of the products is carried out by gamma irradiation from a highly qualified company.

The collaboration with qualified laboratories operating under European standards guarantees full control of FUTURA products.

The continuous professional training of all the FUTURA staff allows to work together towards a common goal:

- Maximum quality of products and assistance for clients,
- The achievement of functional dental implants and products that are actually needed by the modern dentists who need simple and successful systems.

FUTURA today offers 7 implant lines all with a single surgical kit:

- 2 lines internal hexagon: PRI and KRI implants
- 3 lines external hexagon: PRE, BRK and BR implants
- 2 lines one stage implants: VIP and VD implants



PRI implant is good for any clinical case.

The conical apical section and the cylindrical body allow an optimal primary redemption in the several bone density, both in upper and lower jaw.

KRI implant main feature is a large and very cutting thread which gets immediately an high primary stability.

This implant is ideal for post-extraction and immediate loading.

PRE implant is good for any clinical case.

The conical apical section and the cylindrical body allow an optimal primary redemption in the several bone density, either in upper either lower jaw.

BRK implant is the evolution of BR implant with 1 mm thread and rounded apex. Ideal for improving the primary stability for D3-D4 bone density, mostly in upper jaw.

BR cylindrical implant. Thread 0,6 mm, ideal for lower jaw, mostly for D1-D2 bone density.

VIP Implant is ideal for immediate load.

VD mini-Overdenture implant.

FUTURA offers to dentists a range of implants that can meet all operational needs, while rationalizing surgical instrumentation and prosthetic components of implants.



FUTURA STAFF IS GLAD TO INVITE YOU TO VISIT OUR COMPANY, TO GIVE YOU AN IDEA OF OUR MANUFACTURING PROCESSES AND TO ESTABLISH A COMPREHENSIVE TRANSPARENCY COLLABORATION AND RELATIONSHIP TO GIVE YOUR PATIENTS A FABULOUS SMILE.

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# MaCo Dental

*MaCo Dental Care just concluded its twenty-fifth year of presence on the dental market and, once again, it confirmed how every goal can be achieved by pursuing a winning idea and building a reliable and versatile profile.*

This Italian company was established as a result of the will of a group of young dental professionals eager to put to good use their experience and to create their own brand. The company has thus started the production of implants, within its plant in the industrial complex of Buccino, just 100km south of Naples. In the initial phase, the dental implants design focused on standardized and widely used connections, developing an external hexagon implant, Omnia, two internal hexagonal connection, Introskip and Seventeen, the Easy mini implant, a Three Lobes connection and the Octoplus octagonal connection.

In recent years, however, MaCo has definitely changed gear by introducing switch platform system on the already well-known Seventeen implant, which has evolved into Seventeen-One, and introducing on the market Conical Active, a well received conical connection implant and IM Macon, an innovative short implant. To date, MaCo offers eight different connections guaranteeing specialists a wide choice able to satisfy every kind of specific need related to the single case to be addressed.

The quality control system is based on maximum efficiency and safety, certified to comply with the standards established by ISO 13485. Produced devices are issued with CE marking.

The company growth isn't limited to manufacturing and, perhaps, its market development is even more remarkable. MaCo Dental Care implants, in fact, have established an increasingly relevant presence on the market and their diffusion abroad is the result of a winning choice: to guarantee very high quality standards, while remaining in an accessible price range. In many countries, MaCo



Dental Care started to promote its products through participation in international events and trade fairs, gathering increasing acclaim and, in some cases, the company has further strengthened its position opening subsidiary branches of the parent company. MaCo Dental Care Mexico was the first example of this type and is, for many years, a well-known reality of Mexican implantology. Following the Mexican experience, MaCo Dental Care has operated in a similar way in other countries and currently distributes its products in Europe, Northern Africa, Middle East and Latin America. In addition to the commercial distribution, MaCo Dental Care carries out a continuous training activity in the countries where



it distributes its products, through courses, seminars and workshops held by Italian and international specialists.

MaCo Dental Care has recently marked a significant turning point in its market approach, investing significantly in the digital sector: an increasing number of professionals, in fact, rely on the use of advanced tools and applications for their daily work. The aim of the company is to offer its customers, alongside reliable and innovative implant systems, core business for which it is already known and appreciated, all the tools required to advanced dentistry to operate and keep up with the times: desk scanners, intra-oral scanners, micromotors, biomaterials and, specially, its own guided surgery system that allows to manage all the digital flow and to operate with a dedicated surgical instrumentation. MaCo Dental Care is always looking for new energies and new distributors willing to accept this completely "Made in Italy" challenge.

Focus on MaCoGUIDE

MaCoGuide is a method to create surgical guides through software planning. Through the implant design, MaCoGuide approach creates a customized surgical guide enabling the clinician to perform the implant/prosthesis placement in a safe, efficient and quick manner. This very accurate surgical guide enables for results to be fully consistent with the software planning.

By using MaCoGuide, all clinical decisions can be taken at the planning stage before the surgical procedure takes place. As it enables a less invasive procedure while ensuring top level of accuracy; MaCoGuide is the safest and most advanced guided surgery system now available.



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# Roott Open implant system

## Created for dentists by dentists

The ROOTT Implant System was developed and is being constantly upgraded by TRATE AG in close cooperation with members of Open Dental Community.

The ROOTTCONCEPT has dispensed with the overcomplicated treatment procedures recommended by implant manufacturers who are limited by their products on the market.

The ROOTT philosophy is to create the ideal artificial tooth which organically integrates with existing biological structures in the simplest way. The system development aims at reflecting the collective view of independent dental practitioners throughout the world thus TRATE AG closely cooperates with the Open Dental Community NPO (Luxembourg). This approach helps to avoid reliance on individual opinions and makes dentists free to select the method most suitable for the patient.

Back in the old days original implants' design had a form of a straight parallel wall. But since then science has greatly moved on with the modern designs being tapered. The tapered design (also known as "V-shape design", "tapered shape design") imitates the root of a real tooth. This kind of design allows more placement options and more room available for finding the best position for it, especially in cases when the implant placement should perform in a limited space. And it makes always more sense to go with the patterns of nature rather than with an artificial straight wall design that is contrary to nature.

Besides that the V-shape design allows to preserve more bone. When inserting a tapered implant less bone gets displaced than with a straight wall design. The diagonal V-shape design has proven to provide a greater primary stability than just a straight body design.

Roott open implant system has 3 implant family designs - **ROOTFORM** (two-piece implants), **COMPRESSIVE** and **BASAL** (one-piece implants).

- The core is the two-piece implant **ROOTFORM** - it has an aggressive



implant body design with a deep tapered conical connection and an indexing hex. Besides that wide variety of prosthetic options make it a very versatile system. Rootform implants are suitable for single and multiple restorations with delayed and immediate implant placement in the upper and lower jaws in all types of bone tissue. Implant can be placed by flap or flapless approach. Implant placement is also possible immediately following tooth extraction, as long as sufficient bone tissue is available vertically and horizontally.

**Sizes.** A wide variety of diameters from 3.0 to 5.5 mm and large selection of lengths from 6 to 16 mm always allows to find the right size of implant for a patient. Special design of ROOTT conical connection allows to create a special size of an implant with maximum diameter of just 3 mm, which makes possible to replace lower incisors easily and in some cases due to a great torque load even immediately.

The same platform for all diameters. For all diameters of ROOTTFORM implants one platform was developed. No matter which diameter of implant will be used, there will be no need to care if it is correct platform or not. It helps to eliminate the stock and to simplify practice.

**Conical connection.** Flat-on-flat connections were proven to create a micro-gap between the abutment and the implant while chewing. This constant opening & closing begins to act as a pump that sucks in all kinds of bacteria, which can lead to peri-implantitis and implant prolapse. That's why TRATE developed ROOTFORM implants with conical connection. This connection is so tight that there is no micro-gap visible even under an electronic microscope.

**Multi-functional part gratis.** Each ROOTFORM implant comes together with a free multi-functional part (CRE) which is made of the same material as implants and abutments. Many of dentists use



CRE as temporary or permanent straight abutment. It's possible to reduce the costs up to 30% simply by using CRE part as abutment.

- **COMPRESSIVE** - the compression screw implant is ideal for simplified immediate loading protocols in healed edentulous ridges. It is used for multiple unit restorations with immediate loading in the upper and lower jaws with adequate bone tissue. It can be used in combination with basal implants and allows flap and flapless placement. Abutment direction can be adjusted using a special instrument up to 15° relative to the implant axis. It can be used with caution to create single restorations in situations where high primary stability is achieved on placement. There is wide variety of diameters from 3.0 to 5.5 mm and large selection of lengths from 6 to 20 mm.

- **BASAL** - the axial bicortical screw design is used to treat the more challenging cases with simplicity and efficiency. They can be placed in extraction sockets and also in healed bone. The structural characteristics allow placement in bone that is deficient in height and width. They can be placed with flap or flapless technique. They can be used to bypass the mandibular nerve, and for engagement of the cortical bone at the fusion of the pterygoid with the maxilla. They also can be used in combination with Compressive implants. There is wide variety of diameters from 3.5 to 5.5 mm and large selection of lengths from 6 to 26 mm.

Both types of one-piece implant have all varieties of prosthetic

components - closed tray transfer, implant analogues, burn out copings, angulation correction burnouts and shoulder burn out. The abutment is also compatible for intra oral welding protocol.

**No screw or cement.** The abutment profile allows for the use of an external connection system – conometrics. Conometrics provides a way to retain prosthesis, additional abutment modifications, without the need of cement or screw. Conometrics works on the principle of frictional contact and elastic deformation of the connecting coping. These and other numerous factors ensure the best biologic and prosthetic outcome. Using Conometric prosthetics solution with patented lifting technology for multiple unit restorations there is no need to use more screws or cement. It has easy but strong telescopic fixation.

**Bendable neck.** The implant has bendable neck design that has a specific diameter and length that gives the implant neck the unique ability to be bent so as to correct the abutment angulation when needed.

**Simplicity.** The compression implants provide a very simple protocol for surgery and prosthesis, that works especially well for patients who would not like to go for conventional implant surgery.

[www.trate.com](http://www.trate.com)  
[info@trate.com](mailto:info@trate.com)

## • Allhex

Dental Implants are made of Titanium Grade IV (ISO 5832-2). Abutments and screws are made of Titanium Grade V (ISO 5832-3).



SSX\_SPX

**MANUFACTURER:** Allhex Implant System

**SURFACE:** The implants have a triple surface treatment: acid etching and double particle size to ensure double roughness. The implants are threaded over the entire length of the body of the implant and the neck of the implant is designed with microthreads.

**AVAILABLE IMPLANT LENGTHS (mm):** SSX: 8 / 10 / 11,5 / 13  
 SPX: 8 / 10 / 11,5 / 13  
 With additional lengths of 6 mm for diameters of 5 and 6 mm.

**AVAILABLE IMPLANT DIAMETERS (mm):** SSX: 3,4  
 SPX: 3,75 / 4,2 / 5 / 6

**ABUTMENT-IMPLANT CONNECTION TYPE:** internal hexagonal connection

[www.allhex-implantsystem.com](http://www.allhex-implantsystem.com)  
[allhex.implantsystem@gmail.com](mailto:allhex.implantsystem@gmail.com)



SFX

**MANUFACTURER:** Allhex Implant System

**SURFACE:** The implants have a triple surface treatment: acid etching and double particle size to ensure double roughness. The implants are threaded over the entire length of the body of the implant and the neck of the implant is designed with microthreads.

**AVAILABLE IMPLANT LENGTHS (mm):** SFX: 8 / 10 / 11,5 / 13  
 With additional lengths of 6 mm for diameters of 4,5 and 5 mm.  
 LFX: 8 / 10 / 11,5 / 13

**AVAILABLE IMPLANT DIAMETERS (mm):** SFX: 4 / 4,5 / 5  
 LFX: 3,5

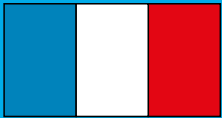
**ABUTMENT-IMPLANT CONNECTION TYPE:** morse conical connection

[www.allhex-implantsystem.com](http://www.allhex-implantsystem.com)  
[allhex.implantsystem@gmail.com](mailto:allhex.implantsystem@gmail.com)



# AllHex<sup>®</sup>

Implants System



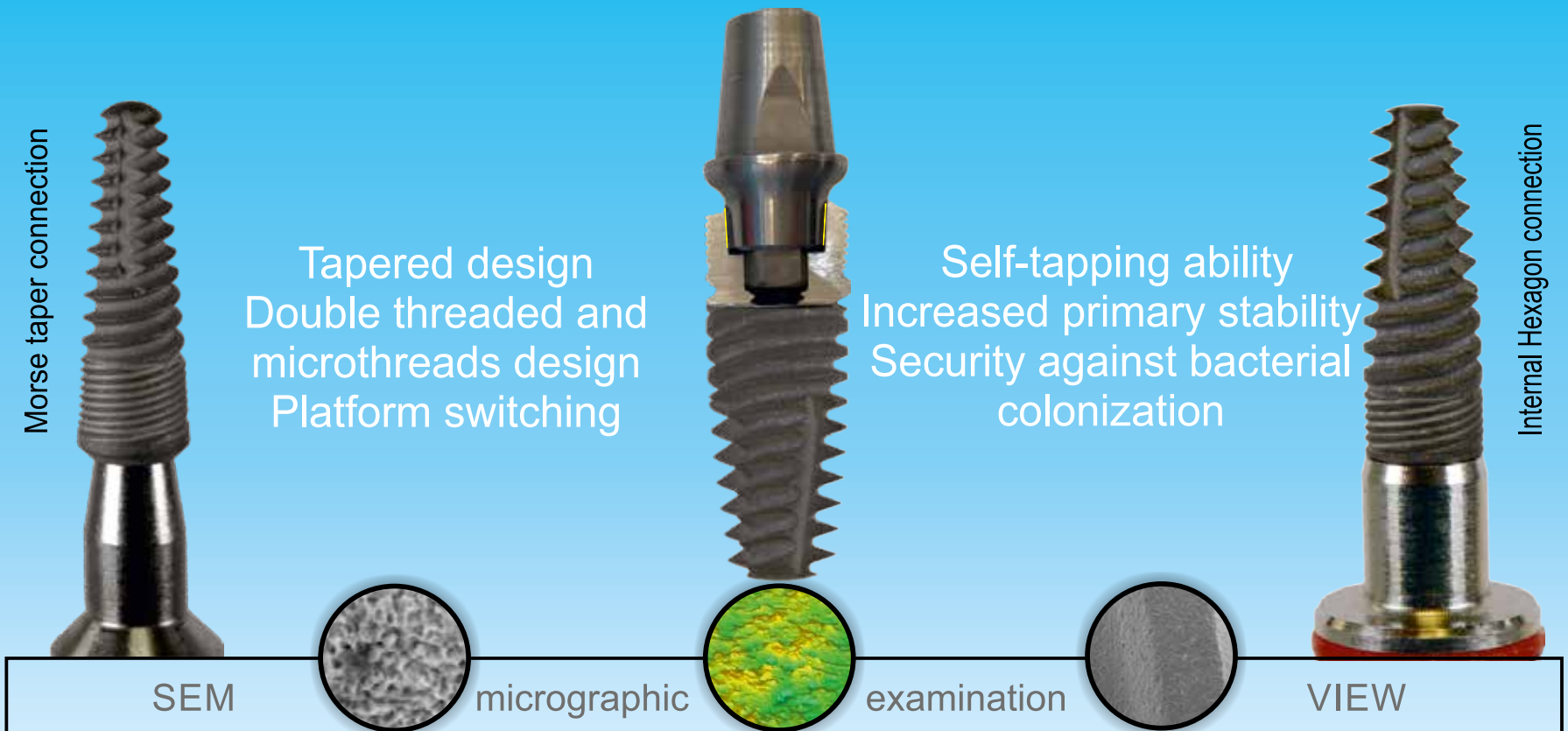
**French manufacturer 100% made in France**

Dr. Eric NITCHOUN , who has been practicing implantology for 30 years in Paris, designed **these implants for the most demanding dentists in terms of quality.**

**High quality** raw materials are the **MAJOR** asset of AllHex Implants System.

**The SLA surface type treatment** benefits from the **latest technology cleansing process** to promote osteoblast proliferation.

As part of our commitment to strives for **excellence of our Quality Management System**, our products comply with the **highest quality** applicable international standards and regulations.



**Quality Management System - ISO 13485 : 2003 & EN ISO 13485 : 2012 CE 0086**

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**[allhex.implantsystem@gmail.com](mailto:allhex.implantsystem@gmail.com)**

• **Axelmed**

**ALL-in-ONE Axelmed: a way to solve 80% of cases by ordering just 1 code**

**ALL-in-ONE** is an innovative and rational product, manufactured by the implant company Axelmed. It has been developed with the aim to simplify the clinical daily routine in implant dentistry. Inside the box there are 3 different vials:

A. The main vial contains the Axelmed Paradigma implant, its cover screw and healing cap.

B. The vial with the blue cap contains the laboratory components (laboratory fixing screw, implant analog, castable abutment).

C. The vial with the white cap contains the components to perform the prosthetic phase in the dental office (aesthetic abutment, single use plastic transfer for closed tray impression technique, definitive fixing screw).



This kind of packaging allows to achieve different benefits:



- simplification: at the end of the surgery, the dentist sends to the dental technician the vial with the blue cap. Inside he can find everything he needs to create the prosthesis;
- time saving: the possibility to order 9 components, using only 1 code, allows to simplify the dental office organization and save time to order the implant materials;
- money saving: the price for the ALL-in-ONE kit is 20% lower than the price calculated by the sum of each component.
- In case some components are not used in the procedure, they can be used with single implants in next cases.

[www.axelmed.com](http://www.axelmed.com) // [sales@axelmed.com](mailto:sales@axelmed.com)

• **Axelmed**

**Axelmed Implant System**



**Axelmed Paradigma Implant**

Axelmed Paradigma Dental Implant System is the result of a four-year long research project and it is able to encompass the current state of art in implantology and to provide the clinician with a proven effective medical device. Axelmed focused its attention on (1) 5 different implant design in order to guarantee a good primary stability in all bone quality conditions, (2) a surface treatment entirely done inside the company (SAP: Sandblasting, triple Acidification, double Plasma treatment, the result of which is an homogeneous micro-roughness with a top level decontamination) (3) simplicity thanks to the ALL-in-ONE kit which is very useful and (4) an attractive price both for Distributors and Doctors.

**Manufacturer:** Axelmed.

**Implant Morphology:** Tapered with back tapered neck.

**Surface:** SAP (Sandblasted - triple Acid Etched - double Plasma treatment)

**Available Implant Lengths (mm):** 7 / 9 / 11 / 13 / 15

**Available Implant Diameters (mm):** 3.4 / 3.8 / 4.3 / 5.0 / 5.6

**Seating Position To The Bone Crest:** Seating Position to the Bone Crest: Crestal or Subcrestal

**Abutment-Implant Connection Type:** Internal Hexagonal connection with Conical Marginal seal

**Index Type Abutment Repositioning:** Hexagonal

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- ✓ Huge stock ready for large orders



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## • B&B Dental

### Dura-vit 3P

Dura-vit 3P is an implant suitable for all types of bone, especially D1 and D2, and in all the procedures that involve the sinus (especially in transcrestal procedures), thanks to the rounded apex. 3p implants are ideal for hard bone in the cortical area and a finely threaded neck, associated to an etched collar, help preserving the bone tissue and promote its remodelling to osteointegrate the implant platform. All the threads on the body of the implant have rounded tips to give minimal stress to the bone structures, while the three principal threads enhance the contact surface and permit the achievement of high primary stability. All B&B implants have a cylindrical conical shape that gives a good control of the positioning during the insertion phases.



**Manufacturer:** B&B DENTAL Srl

**Morphology:** CONNECTION: internal, conical with hexagon index - EXTERNAL SHAPE: cylindrical conical - triple thread with bone friendly shape and apex - suitable for every bone type and surgery in sinus area and surgeries close to nerves.

**Surface:** double etched - plasma argon treatment.

**Available Implant Lengths (mm):** 6.5 - 8 - 10 - 12 - 14

**Available Implant Diameters (mm):** slim: Ø 3 mm regular: Ø 3.5 - 4 - 4.5 - 5 mm

**Seating Position To The Bone Crest:** subcrestal or crestal to allow platform switching

**Abutment-Implant Connection Type:** geometrical (hexagonal) and conometrical (5° morse taper - CONEXA)

**Index type abutment repositioning:** hexagon

[www.bebdental.it](http://www.bebdental.it) // [info@bebdental.it](mailto:info@bebdental.it)

## • B&B Dental

### Dura-vit EV

Dura-vit EV has an aggressive thread that makes it ideal for softer bone types (D3-D4), post extractive areas and all cases where achieving a primary stability is difficult or necessary such as in immediate load cases. This implant requires an underpreparation of the site to improve the implant grasp. EV implant has an etched neck characterized by a straight thread to optimize the mechanical anchorage and to give a compaction effect.

The subcrestal positioning is a winning feature when associated to the platform switching. This technique allows the preservation of the biological width and as well as the epithelial one, giving more space for the tissues to grow.



**Manufacturer:** B&B DENTAL Srl

**Morphology:** CONNECTION: internal, conical with hexagon index - EXTERNAL SHAPE: cylindrical conical - double thread with aggressive shape with apical blade for a penetrating apex - suitable for softer bone types

**Surface:** double etched - plasma argon treatment

**Available Implant Lengths (mm):** 6.5 - 8 - 10 - 12 - 14 - 16

**Available Implant Diameters (mm):** slim: Ø 3.4mm regular: Ø 4 - 4.5 - 5 mm

**Seating Position To The Bone Crest:** subcrestal or crestal to allow platform switching

**Abutment-Implant Connection Type:** geometrical (hexagonal) and conometrical (5° morse taper - CONEXA)

**Index type abutment repositioning:** hexagon

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MADE TO LAST

## AT THE ROOT OF YOUR SUCCESS

B&B Dental is a leading Italian Company in the field of oral implantology.

Specialized in the production of dental implants and bone regeneration material it was founded in 1992 by Dr. Claudio Banzi. B&B Dental is well-known for a continuous research and development of innovative and certified products, always absolutely original. Over 20 years of experience that make B&B Dental very appreciated by doctors and dental operators worldwide.

**DURAVIT**  
SLIM



**DURAVIT**  
3P



**DURAVIT**  
(EVOLUTION)



**DURAVIT**  
WIDE



**DURAVIT**  
(MINI IMPLANT)



**B&B DENTAL**  
IMPLANT COMPANY

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Tel. +39 (0) 51.81.13.75 - [www.bebdental.it](http://www.bebdental.it)



- **Biomec**

- FIXO Line**



The Fixo line system consists of one-stage implants, ideal for the Surgeon who plan an immediate loading rehabilitation. In their one-piece body they integrate a multi-unit-abutment, with 0°, 17° or 30° angulations, in order to fix the disparallelism consequent to the insertion of implants with different inclinations.

To promote optimal soft tissue management, the collar is realised with a particular anatomical conformation, available in two different heights - short and long - adaptable to any morphology. The pink colour also allows the perfect harmonization with the gingival papillae, for an excellent treatment result also from the aesthetic point of view.

Fixo is therefore a "fast" implant: it does not require the screwing of the multi-unit-abutments and the radiological check of their tightening. Consequently, the operating times and the required effort have considerably decreased, to the benefit of the patient's comfort.

Fixo is also "safe": the absence of a connection between implant and abutment determines that the annoying problems resulting from bacterial infiltrations and micro-movements can no longer occur.

The chamfer has a considerably reduced size: in fact, rotating the Fixo around the vertical axis in the morphologically worst case (17° angulation of the Mua platform and 2 mm collar), its outermost point describes a circumference of 4.8 mm, against that of 7 mm diameter obtained in the same way by a traditional "implant + mua" system.

This determines that, even in the most unfavourable situation, the Fixo can be inserted without the use of bone-mill drills, with the consequent

safeguard of the bone quantity.

The inclination of the collar relative to the horizontal axis, much more "open" than currently used, promotes better patient's cleaning: plaque accumulation is therefore reduced, minimising one of the causes that determine the onset of dangerous peri-implant inflammations.

The connection between the prosthesis and Fixo is realised with a M1.8 screw, 2.5 mm long, which can be tighten with a 30 Ncm Torque. In this way, the problem of the possible breakage of the small M1.4 screw, traditionally used in screwed prostheses, due to the considerable chewing loads, is prevented.

Fixo, considered the perfect coaxiality of the implant-mua monobloc and the reduced diameter of the chamfer, is easy to use with the most popular guided surgery systems. Taking into account these characteristics, during its insertion there is no interference with the guiding sleeves positioned in the surgical guide. The template is simply removable at the end of the intervention.

However, the tools available in the dedicated surgical kit allow the Fixo to be used easily even in traditional surgery: a specific guide, for example, can in fact provide support in creating the implant site with the best angulation and also, the particular pins allow to evaluate previously what is the best angle of the multi-unit-abutment platform to be used in each single case.

[www.oxyimplant.com](http://www.oxyimplant.com) // [info@oxyimplant.com](mailto:info@oxyimplant.com)



Fast because **Unique.**

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PATENT PENDING

• **C-Tech Implant**

**SD/MB C-Tech Mini Implants**



As the leading manufacturer of Mini Implants in Europe C-Tech offers the largest range in the category with 2 mini implant lines, SD (Small Diameter) and MB (MonoBlock).

The SD line with diameters that go from  $\varnothing$  1.8 to  $\varnothing$  2.5 and the MB the  $\varnothing$  3 line, present different threading profiles for the use in hard or soft bone, distinctive collar heights to better address the different gingival thickness and o-ball or square head for removable or fixed prosthetic solutions.

This 2 implant systems are ideal for the practitioner who is looking for minimally invasive solutions for stabilizing over-dentures, limited spaces and bone volumes as well as treatment cost constraints.

[www.c-tech-implant.com](http://www.c-tech-implant.com) // [info@c-tech-implant.com](mailto:info@c-tech-implant.com)

• **C-Tech Implant**

**Esthetic Line Implant**



Everything about this implant is aimed at maintaining crestal bone and gingival volume. From the bevelled shoulder, micro-threaded collar to the aggressive apical threading, this subcrestally placed implant achieves an excellent primary stability and is ideal for post extractive and immediately loading cases. The name of this implant speaks for itself, the “esthetic” is the main goal when using this implant.

**Manufacturer:** C-Tech Implant Srl

**Morphology:** cone-morse with internal hexagon. EXTERNAL SHAPE: 3 Different threading profiles with aggressive apical design and rounded apex.

**Surface:** Grit blasted and Acid Etched surface

**Available Implant Lengths (mm):** 7 / 8 / 9 / 11 / 13 / 15

**Available Implant Diameters (mm):** Narrow: 3.1 Regular: 3.5 / 4.3 / 5.1 / 6.0 / 7.0

**Seating Position To The Bone Crest:** 1 mm under the bone crest to allow platform switching

**Abutment-Implant Connection Type:** Hexagonal, Cone Morse Conical Connection

**Index type abutment repositioning:** Hexagon

[www.c-tech-implant.com](http://www.c-tech-implant.com) // [info@c-tech-implant.com](mailto:info@c-tech-implant.com)

EL

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LINE  
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MAXIMUM ESTHETIC  
CONCAVE ESTHETIC CONCEPT  
PLATFORM SWITCHING



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MAXIMUM LIBERTY  
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• **Dental Tech**

**ImpLassic HX3**



**Manufacturer:** ImpLassic HX3, produced by **Dental Tech**, replaces and updates the previous implant line with external connection ImpLassic HX2.

**Morphology:** ImpLassic HX3 is a cylindrical body implant and conical apex. Modulating the surgical procedure is indicated in all types of bone and even in the case of non-compact bone is able to achieve excellent primary stability. The external hexagon connection makes it particularly suitable for the realization of Full Arch prostheses on Fixtures and screwed prostheses in general.

**Surface:** The BWS® surface, made by Dental Tech through a sandblasting and etching process, provides an extremely clean surface and an optimum roughness that promotes cell adhesion.

**Available Implant Lengths (mm):** 8\* / 10 / 11.5 / 13 / 16\*\*  
\* No for Ø3.25 \*\* Only for Ø4.0

**Available Implant Diameters (mm):** 3.25 / 4.0 / 4.5

**Seating Position To The Bone Crest:** Crestal level.

**Abutment-Implant Connection Type:**

Universal connection with external hexagon.  
Platform 3.5 with a hexagon of 2.4 for Ø3.25.  
Platform 4.1 with a hexagon of 2.7 for Ø4.0 and Ø5.0.

**Index type abutment repositioning:** The implant system's index for the abutment repositioning is hexagonal.

[info@dental-tech.it](mailto:info@dental-tech.it) // [www.dentaltechitalia.com](http://www.dentaltechitalia.com)

• **Dental Tech**

**ImpLassic FTP**



**Manufacturer:** ImpLassic FTP, produced by Dental Tech, completes the safe and wide range of products that the company makes available to meet the needs of all professionals.

**Morphology:** ImpLassic FTP is a conical implant system with spiral profile with hybrid progress: flat and radiating towards the root, triangular-shaped externally, for greater penetration into incompletely prepared sites. Modulating the surgical procedure is indicated in all types of bone and even in the case of non-compact bone is able to achieve excellent primary stability.

**Surface:** The BWS® surface, made by Dental Tech through a sandblasting and etching process, provides an extremely clean surface and an optimum roughness that promotes cell adhesion.

**Available Implant Lengths (mm):** 8\* / 10 / 11.5 / 13 / 16\*\*  
\* No for Ø3.75 \*\* Only for Ø4.75

**Available Implant Diameters (mm):** 3.75 / 4.25 / 4.75

**Seating Position To The Bone Crest:** It's a submerged implant with a 0.5 / 1 mm subcrestal placement

**Abutment-Implant Connection Type:** Implant system with 6° conometric connection to facilitate positioning of the abutment.

**Index type abutment repositioning:** The implant system's index for the abutment repositioning is hexagonal.

[info@dental-tech.it](mailto:info@dental-tech.it) // [www.dentaltechitalia.com](http://www.dentaltechitalia.com)



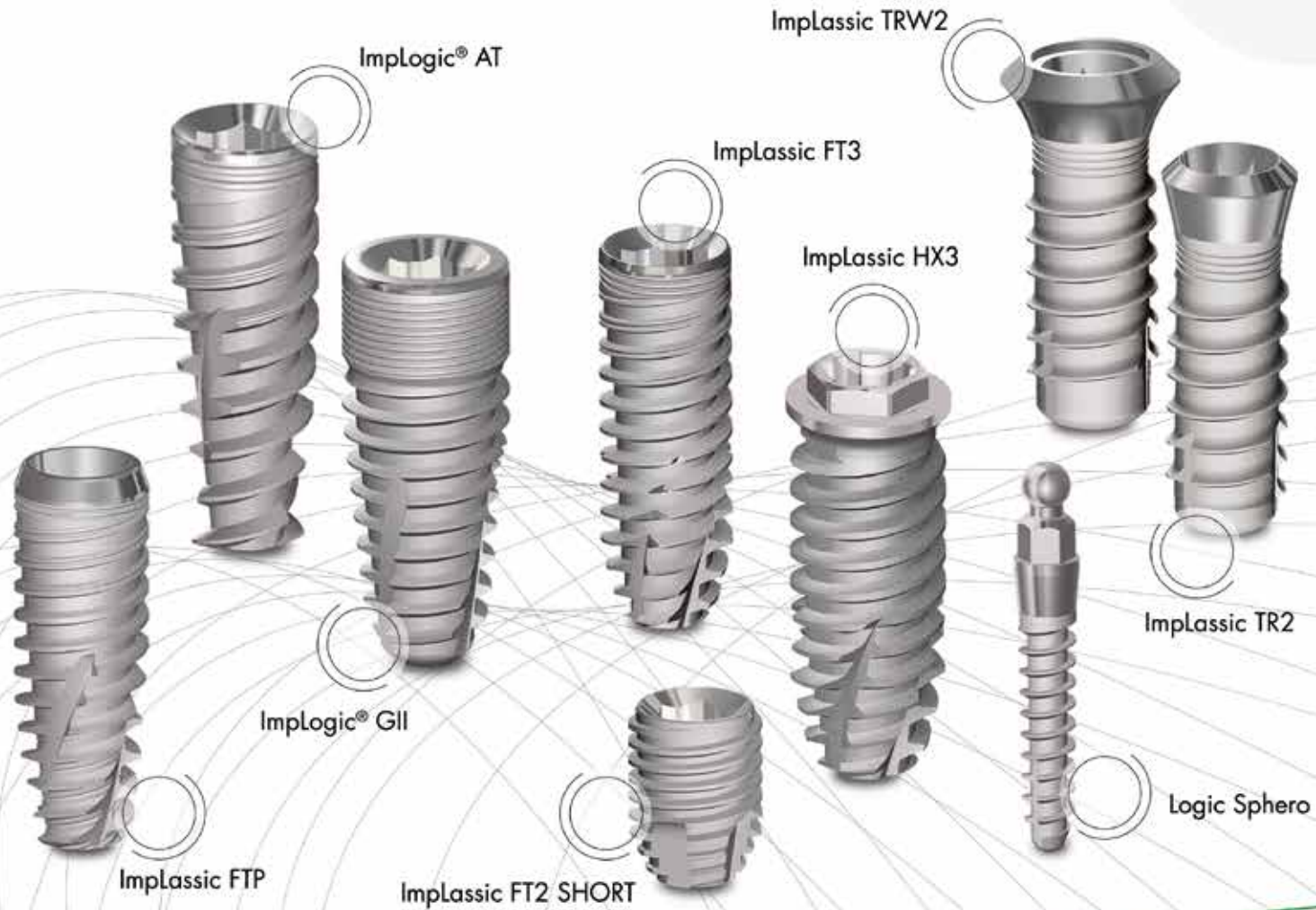


# DentalTech®

DENTAL IMPLANT SYSTEM

DESIGNED & MADE

*in Italy*



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www.dentaltechitalia.com



## • Dentatus

### Minimally invasive implants for retaining over-dentures

There are several ways of retaining dentures, especially in the mandible. Anatomy, patient and doctor preferences and economy set the basis for the individual treatment.



The Atlas implant system from the Swedish company Dentatus has been developed according to the following criteria – Easier, Faster, Safer, Cheaper, and expectedly Better.

Individual anatomical and general health conditions have to be considered firstly. The dedicated CePo needle-point drills are used to make fine incisions through the gingiva and create well shaped osteotomies for the implants. The self-tapping narrow body Atlas implants are installed through the gingiva to the correct depth.

An existing denture can be used provided it is stable and that occlusion is good. After hollowing out the base to allow space for the implants, a soft relining is applied to the denture. The reliner is kept in place without adhesive by an ingenious preparation technique. It fits over the implants and holds it in place, without o-rings or clips. The reline is easily replaced once every 12 to 18 months by the care provider. It has additionally a cushioning effect for increased comfort. Research shows that this procedure increases the wellbeing of the patient. Improved eating ability, speaking and a higher general sense of security in social environments have been clearly demonstrated. Elderly patients with a history of being used to removable dentures, patients with dexterity problems and with difficulties in maintaining good oral hygiene with non-removable dental prostheses can obtain improved oral health conditions.

The Atlas implants are made in one piece, with no joints or seals. The design is simple, yet functional. The intra-osseous part is blasted to get a surface well adapted for osseointegration, without costly surface treatments.

For a trained clinician, the entire procedure is fast and the patient can leave the office with a well retained denture in an hour. As with all surgical procedures, the patient has to be instructed how to handle the new situation, and controlled during the healing process to avoid jeopardizing the implants.

Easier, Faster, Safer, Cheaper, and expectedly Better!

Author Dr. Jaan Roosaar, DDS, Dentatus AB, Sweden

[www.dentatus.com](http://www.dentatus.com) // [info@dentatus.com](mailto:info@dentatus.com)

## • Dentatus

### Anew Narrow Diameter Implants



The ANEW Narrow Body Implant System is more versatile now than ever before, offering both fixed and removable prosthetic options for your most challenging cases. Designed to complement your current implant system, ANEW's narrow diameter is ideal for patients with insufficient bone width, limited interdental space or converging roots. The versatile ANEW system includes various platforms for screw retained single or multiunit prosthetics. ANEW also includes platforms for temporary restorations which offer patients comfortable dentate state throughout their implant treatment. The screwcaps allow easy removal and reattachment of the prosthetics.

**Manufacturer:** Dentatus AB

**Implant Morphology:** Threaded root-shaped one-piece dental implant for screw retained restorations. Regular threaded type.

**Surface:** Blasted with aluminium oxide.

**Available Implant Lengths (mm):** 14 / 17 / 21

**Available Implant Diameters (mm):** 1.8 / 2.2 / 2.4 / 2.8 diameters

**Seating Position To The Bone Crest:** Gingival level.

**Abutment-Implant Connection Type:** Screw retained

**Index Type Abutment Repositioning:** NA

[www.dentatus.com](http://www.dentatus.com) // [info@dentatus.com](mailto:info@dentatus.com)

• **Geass Srl**

**Omny: simply, everything**



**Manufacturer:** Geass Srl - Italy

**Implant Morphology:** Cylindrical, with longitudinal milling which increases the self-tapping capacity and ensures an effective insertion into the bone. Available also the XL version with expanding threads, designed in order to obtain excellent primary stability in post-extractive and soft bone sites.

**Surface:** Synthegra, the laser implant surface patented by Geass, which acts in two ways: it reduces the risks of peri-implantitis infection and, at the same time, promotes osseointegration.

**Available Implant Lengths (mm):** 7 / 8,5 / 10 / 11,5 / 13 / 15

**Available Implant Diameters (mm):** 3,5 / 4,1 / 4,6

**Seating Position To The Bone Crest:** Crest Level; direct and rapid positioning, no moulder device, simple insertion.

**Abutment-Implant Connection Type:** The internal connection and the platform switching allow the biological width maintenance and reduce the peri-implant bone resorption. The same implant seat for all diameters simplifies the clinical and prosthetic processes. Two profiles for restoration, various heights for soft tissue management and a wide range of temporary and final abutments make the best prosthetic solutions always possible.

**Index Type Abutment Repositioning:** Hexagon.

**Packaging:** The implant pack includes a multifunction component, a short screw and a long screw; these products can be used for the impression, for the temporary or definitive abutment, so thus avoiding further purchases.

[www.geass.it](http://www.geass.it) // [info@geass.it](mailto:info@geass.it)

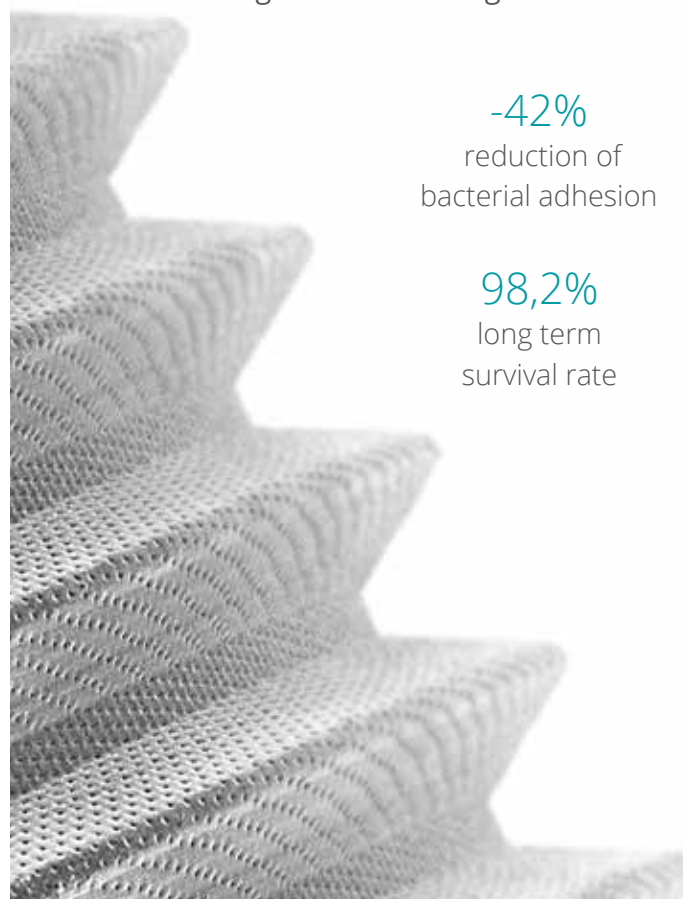


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**-42%**  
reduction of  
bacterial adhesion

**98,2%**  
long term  
survival rate





# 100% compatible

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**BC System:**

Tissue level  
Bone Level

**BV System:**

Tapered Bone Level



No loosening of tightening torque after 5 millions cycles

No subsidence in axial direction after 5 millions cycles

No gap in mechanical locking mechanism on conical surface

**SLA Surface Treatment**

- Gold Standard of Surface Treatment
- Promotes bi-directional osseointegration
- Reduces the incidence rate of peri-implantitis

**More choices for restoration:**

- ▶ CAD/CAM
- ▶ Ti-base
- ▶ Equator
- ▶ Multi Abutment



Bioconcept is a world-class manufacturer of high quality, high precision dental implants and instruments for the global dental market, certified by CE, ISO9001, ISO13485, FDA(510K), MADSAP, CMDCAS, CFDA etc. Bioconcept covers in more than 50 countries.

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## • HumanTech

### RatioPlant® Avantgarde Implant



**Manufacturer:** HumanTech Dental GmbH, Gewerbestr. 5, D-71144 Steinenbronn, Germany

**Implant Morphology:** Anatomic root-analogue design for easy placement and excellent cosmetic results. An atraumatic self-cutting thread with three extra-long cutting slots to collect bone chips and act as an anti-rotational mechanism. The Avantgarde line is also suitable for non-invasive use for direct sinus lifts thanks to the rounded surface of the tip of the implant. Micro-grooves in the neck area of the implant for optimal osteointegration. Tried-and-tested hexagonal connection with a polished edge that is mucosa-friendly.

**Surface:** The implants of the RatioPlant® Avantgarde line are root-analogous screw implants with a sandblasted and acid-etched surface for all indications and have excellent healing with optimal osteon attachment facilitated by the special nano surface.

**Available Implant Lengths (mm):** 6 / 8 / 10 / 11.5 / 13 / 16

**Available Implant Diameters (mm):** 3.2 / 3.8 / 4.2 / 5.0 / 6.0

**Seating Position To The Bone Crest:** Bone level

**Abutment-Implant Connection Type:** Approved conus-hexagonal -connection - on 3 platforms Mini (3.2), Standard (3.8 and 4.2) and Large (5.0 and 6.0)

**Index Type Abutment Repositioning:** Connection allows 6 positions for all anti-rotating abutments

[www.humantech-dental.de](http://www.humantech-dental.de) // [info@humantech-dental.de](mailto:info@humantech-dental.de)



**ConeCept**  
... always the right connection



**HumanTech Dental GmbH**  
Gewerbestr. 5  
D-71144 Steinenbronn  
Germany

Phone: +49 (0) 7157/5246-71  
Fax: +49 (0) 7157/5246-66  
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**IGIMAX**<sup>®</sup>  
IMPLANT SYSTEM SOLUTIONS 40

*Future in your hands*



 Made in Italy

 INFINITY

I-TROS

I-TROS  
2.0

## IGIMAX COMPANY HEADQUARTER

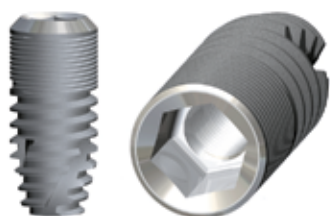


**IGIMAX** is a leader company in the dental sector, specializing in **Implantology** and **Surgery**; for over 20 years we operate throughout the national and international territory with a professional sales force able to provide the necessary assistance to its customers, attentive to the most demanding market requests. Thanks to a constant technical development and a particular attention to the service and satisfaction of our customers, we have obtained positive answers acquiring new market shares. We follow our product very closely, from the beginning of the development process, during production, to the final sales phases.

**Quality** and **Development** are the common keywords for all our products.

**Company Mission:** to be a reference of professionals with constant innovations for the dentist.

IGIMAX4.0 SRL | Via Valdellatorre, 287- 10091 Alpignano (TO) - + 39 011.4546197  
www.igimax.com - info@igimax.com

**Infinity** line's dental implants are made of titanium grade 4 and have been designed to give the professional high stability even in clinical areas with poor quality bone. The dental implant has root-form morphology and has an aggressive self-tapping loop with a milling profile adapted to compact and not compress the bone.

It has a unique internal hexagon connection, for all its diameters (3,3-3,8-4,2-4,6-5,2).

Its strengths are **high primary stability**, **speed of insertion**, the **only prosthetic connection** for the five diameters, platform-switching and double acid etching.



**I-TROS**



**I-TROS  
2.0**

The **I-Tros** dental implant is a conical morphology implant, self-tapping, in diameters 3,3- 3,8- 4,2- 4,6 with a single internal hexagonal prosthetic connection; it has a high primary stability and is treated with double acid etching from the apex to the collar, with platform-switching.

**MPA surface treatment** is obtained by a double homogeneous acid etching so as to accelerate the osseointegration, while thanks to its roughness increases the bone-implant contact surface.

**I-Tros2.0** dental implant is the latest version of the previous I-Tros, with the main characteristic of the smooth collar; it is 2 millimeters and is relevant for the preservation of the marginal bone with a lower risk of bacterial adhesion.

[www.igimax.com](http://www.igimax.com) | [info@igimax.com](mailto:info@igimax.com)



**IGIMAX 3D** software is a medical device designed to allow the user to perform three-dimensional implant simulation by reading TAC in more than 60 formats (including the standard DICOM 3.0 medical format).

IGIMAX 3D can be used by dentists who possess the legal training requirements for implant treatment in the destination country

#### TRADITIONAL



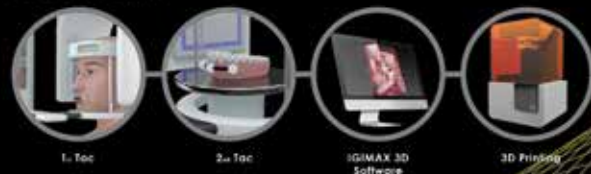
#### INTRAORAL SCAN



#### SURGICAL GUIDE REALIZATION:

It is possible to receive the STL file of the surgical guide for in-house printing or to directly receive the finished surgical guide, printed by igimax.

#### DOUBLE SCAN



#### BONE SUPPORT





- IML

### UNIVERSE IMPLANT

**Manufacturer:** IML SA Swiss Dental Implants

**Morphology:** Conical shape, with double differential spiral thread also present in the apical part. The alternate spur and square double spiral loop generates a perfect balance between intrusive, compressive, and diverging forces capable of providing the bone with extraordinary growth stimuli. The collar, which has microgrooves, varies according to the diameters and lengths of the system and ends with a smooth switching platform, a feature that promotes high biofunctionality and homogeneous distribution of mechanical stresses.



**Surface:** SL treatment, technically comparable to the best SLA® treatments. It suits any type of bone thanks to its ability to increase primary stability even in the presence of atrophic sites or compromised biological tissue.

**Available Implant Lengths (mm):** 6 – 8 – 10 – 11.5 – 13 – 15

**Available Implant Diameters (mm):** 3.4 – 4 – 4.5 – 5

**Seating Position To The Bone Crest:** 1mm under the bone crest

**Abutment-Implant Connection Type:** Twelve-sided Morse-taper internal connection, operated by a passing screw. Such locking 6° taper connection with a passing screw achieves a precise and functionally perfect fit, offering a perfect antibacterial seal. The design of the prosthetic part is provided with hexagonal connection that facilitates the procedure during the prosthetic phase. This type of connection is the only one that approaches the ideal condition of the one-piece implant, universally proven to be long-lasting. The same prosthetic parts size (ØU) is used for all implant diameters, facilitating both the surgical phase and the supply management.

**Index type abutment repositioning:** Twelve-sided Morse-taper internal connection: 12 possible abutment positionings

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- IML

### STARFLY IMPLANT

**Manufacturer:** IML SA Swiss Dental Implants

**Morphology:** Tapered morphology, with self-tapping apex and emphasised spirals, features that simplify the insertion of the implant in medium and soft bone and in post-extraction cases with a reduced osteotomy, guaranteeing excellent primary stability. The rounded tip facilitates the centering of the implant hole and reduces the lesions risk to anatomical structures. The hybrid neck – polished and cylindrical towards the cortical portion, and smooth golden-yellow anodized where it results in a switching platform – contrasts the bacterial attack while enhancing the soft tissues adhesion and the maintenance of the crestal bone level. The flaring internal hexagonal connection reduces the horizontal strain on the bone, distributes correctly the masticatory forces within the implant, protects the retention screw from excessive load, guarantees an excellent stability of the prosthetic parts and an optimal, long-lasting bacterial seal.



**Surface:** SL treatment, technically comparable to the best SLA® treatments. It suits any type of bone thanks to its ability to increase primary stability even in the presence of atrophic sites or compromised biological tissue.

**Available Implant Lengths (mm):** 6 – 8 – 10 – 11.5 – 13 – 15

**Available Implant Diameters (mm):** 3.5 – 4 – 4.5 – 5 – 6

**Seating Position To The Bone Crest:** Submerged. The SL treated part of the implant must be completely submerged into the bone. The polished cylindrical neck, aimed at the endo-osseous positioning, guarantees flexibility in managing the depth during the implant positioning.

**Abutment-Implant Connection Type:** The same prosthetic parts size (RP) is used for all implant diameters, facilitating both the surgical phase and the supply management. Starfly prosthetic components are available in the product range both in Friction version – in which the faces of the hexagon have 1° conometry – and in classic version – with the hexagon displaying parallel faces at 0°.

**Index type abutment repositioning:** Hexagonal internal connection.

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IN THE NAME OF QUALITY



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## • iRES Sagl- Swiss Implant Company

RELIABLE, EFFICIENT AND SAFE SOLUTIONS FOR ORAL SURGERY



Based in Switzerland, iRES® is a European ISO 13485 certified company specialized in developing, manufacturing and distributing a wide range of medical devices for oral surgery with specialized production units with more than thirty years of experience in the medical field.

### Implant system main features

iRES® implant systems, designed by the best dental professionals and bio-medical engineer, facilitate surgical and prosthetic procedures and improve functional and aesthetic performance.

One surgical kit for all the implant systems.

A rationalized and simplified prosthetic system allows, for each abutment type, to fit all the implants diameters.

**SHAPEONE®**, fine triple thread with conical apex and body, cutting coronal thread for a better forces discharge on cortical bone to provide excellent stability even in few millimeters. 55° triple thread over the entire body implant with a pitch of 1,8 mm (0,6 mm/thread), each turn allows to go down of 1,8mm. 3 apical aggressive cuts provide a better primary stability and centering of the implant.

**iMAX®**, fine double thread, conical apex and slightly conical body. 55° double thread over the entire body implant with a pitch of 1,2 mm (0,6 mm/thread), each turn allows to go down of 1,2mm.

**iMAXMUA®** (One piece implant with MUA abutment) no connection between implant and abutment for a total elimination of the microgap and the bacterial infiltration. It allows the use of a retaining screw of 1.72mm instead of 1.4mm actually in the market.

**VOLUTION®**, large double thread with conical ogive body and pitch of 1,8 mm (0,9 mm/thread), each turn allows to go down of 1,8mm.

The future of implantology, against the peri-implantitis and aging implants, to guarantee the long term success.

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## • iRES Sagl- Swiss Implant Company

IMPLANT SYSTEM IMAX

**Manufacturer:** iRES SAGL (Lugano - Switzerland)

**Morphology:** Cylindrical coronal part, slightly conical implant body, conical apex, flat tip, 2 apical and helicoidal cuts. 55° double thread over the entire body implant with a pitch of 1,2 mm (0,6 mm/thread); each turn allows to go down of 1,2mm, speeding up the insertion phase, increasing the insertion torque.

**Surface:** Surface treatment (sand blasting with small and large grits, double etching acid, cold plasma decontamination) - Sterilization gamma ray. Machined (no surface treatment on the body implant) - Hybrid (partial surface treatment on the body implant) 1mm neck machined (surface treatment on the body implant) - Hybrid with hyaluronic acid (partial surface treatment on the body implant with hyaluronic acid all over the body implant).



**Available Implant Lengths (mm):** 6 - 8 - 10 - 11.5 - 13 - 16

**Available Implant Diameters (mm):** 3.3 - 3.7 - 4.1 - 4.7 - 5.2

**Seating Position To The Bone Crest:** Bone level - OnePiece for iMAXMUA

**Abutment-Implant Connection Type:** Internal and external exagon - Tissue level for iMAXMUA

**Index type abutment repositioning:** One of the exagon face

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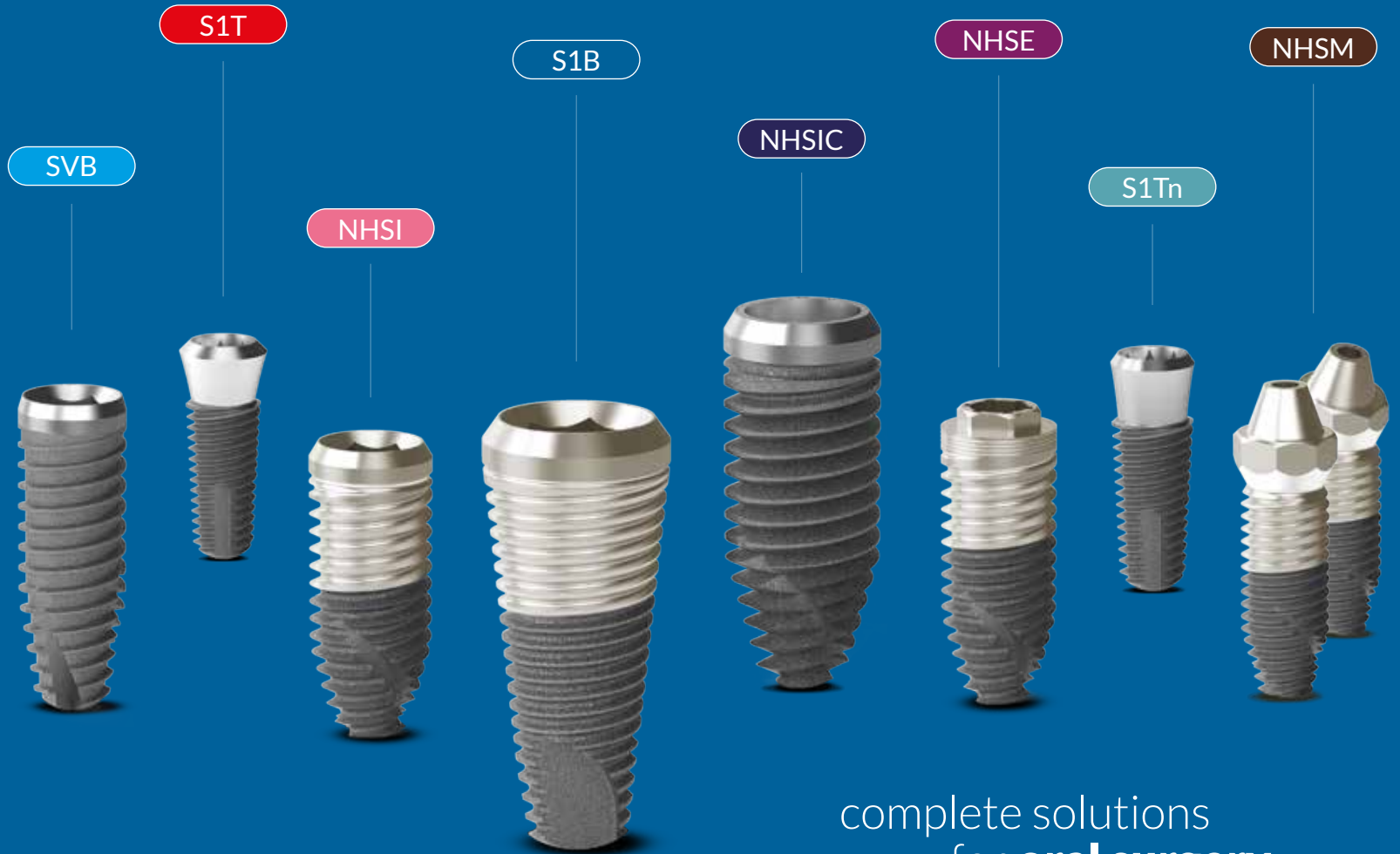


# iRES<sup>+</sup>

## OUR IMPLANT SYSTEMS

INTERNATIONAL, RELIABLE, EFFICIENT, SAFE

SHAPEONE<sup>®</sup> iMAX<sup>®</sup> iMAX<sup>®</sup> *NHASIC* iMAXMUA<sup>®</sup> VOLUTION<sup>®</sup>



complete solutions  
for **oral surgery**



implant  
systems



continuing  
education



guided  
surgery



regenerative  
materials



laser  
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 **omplant Driver**

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IN DENTAL  
IMPLANT CARE



Recommendations:

"The OMPLANT DRIVER is fantastic, I use it every day, and I believe the instrument is brilliant... my secret for successful clinical practice"

**Dr. Leonard B. Kobren**, DDS, American College of Prosthodontists Education Foundation Past President, NY, USA

"The OMPLANT DRIVER offers greater control, convenience and a huge improvement in patient safety"

**Dr. Jonathan L. Ferencz** DDS, FACP Clinical Professor of Prosthodontics, New York University College of Dentistry

"I love the OMPLANT DRIVER and I use it daily, with a very positive feedback"

**Dr. Peter S. Wohrle**, DMD, MMedSc, CA, USA

"The more I use the OMPLANT DRIVER, the more I cannot do without".

**Dr. Stefano Gracis**, DMD, MSD, Milano

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# OMPLANT DRIVER

Wireless Screwdriver & Organizer for Implant Prosthetics

## Omplant Driver - a prosthetic parts wireless screwdriver.

Considered A life changing device, the omplant driver is already highly recommended by hundreds of implant top dentists worldwide.

The OMPLANT DRIVER dis/connect the screw able prosthetic components with the right torque from / to an implant within 3 seconds, regardless of the implant position.

The advantages compared to the common use of a hand driver are:

1. **Speed** – using 200rpm, the Omplant Driver saves 70% off chair-time, with easy forward/ reverse buttons.
2. **Safety** – Omplant Driver minimises the risk of falling parts that might be swallowed in the patient's mouth by a self-adhering character to the screw hex.
3. **Comfort** – Omplant Driver enables only half of the patient mouth opening and actually no visibility of screws is even required. (posterior implants, implant angulation ,deep gums etc).

the Omplant Driver promotes fast, smooth and very convenient work flow, while reducing stress for both dental implant practitioners and the patients, thus it is considered a must-have tool for every dental clinic.

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### ✓ COMFORT

Half of the mouth opening necessary compared to hand screwdrivers. Patient- and dentist-friendly device.

### ✓ SAFETY

No falling parts in the patient's mouth !  
The driver tip finds and adheres to the screw's head during its rotation.

### ✓ SPEED

Saves 80% of your time for screwing & unscrewing (200 rpm) regardless of implant position and angulation or depth of gums. no flap in needed!



## • Overmed

EasyLineImplant®, a complete line to satisfy all patient needs



EasyLineImplant® system is a complete implant-prosthetic system composed of different kind of fixtures, bone level (EasyDip®) and transmucosal (EasyNeck®, EasySmart®), made in Titanium grade 4, to satisfy all the needs of clinicians in their clinical solution.

**Manufacturer:** OVERMED s.r.l.

**Morphology:** All implants present three longitudinal slots and two different thread profiles: fine-double threaded and wide threaded. Bone level implants have a cortical micro threading, whereas transgingival ones present a 1,5 or 3,0 mm machined surface neck.

**Surface:** The surface is treated by a special shot peening process with white corundum and it is subjected to a chemical etching treatment.

**Available Implant Lengths (mm):** 16,5 - 8 - 10 - 11,5 - 13 - 15

**Available Implant Diameters (mm):** 3,5 - 4,0 - 4,75 - 5,25

**Seating Position To The Bone Crest:** Bone level and transmucosal implants

**Abutment-Implant Connection Type:** All implants present a conical-octagonal connection

**Index type abutment repositioning:** octagon

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## • Overmed

EasyPiece®, the new monophasic implant with integrated MUA



EasyPiece presents no connection between implant and abutment in order to avoid microgap and bacterial infiltration. It is a solution mainly suitable for the All-On-Four technique and, thanks to the diameter dimensions, it can be used both in traditional surgery and in guided surgery.

**Manufacturer:** OVERMED s.r.l.

**Morphology:** This implant is a single-phase system with integrated MUA, available with different inclinations: straight, angled at 15° and angled at 30°. All implants present three longitudinal slots, a fine-double threaded and a cortical micro-threading.

**Surface:** The endosseous surface is treated by a special shot peening process with white corundum and it is subjected to a chemical etching treatment.

**Available Implant Lengths (mm):** 10 - 11,5 - 13 - 15

**Available Implant Diameters (mm):** 3,5 - 4,0

**Seating Position To The Bone Crest:** The endosseous part of the implant is positioned at the bone level

**Abutment-Implant Connection Type:** One-Piece implant with integrated MUA abutment to be used with different prosthetic caps. It allows the use of a retaining screw of 1.8 mm instead of 1.4 mm actually in market.

**Index type abutment repositioning:** None

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# Save time, try it.

## EasyPiece®



Overmed is a certified Italian company with a solid experience in producing Medical devices for dental and orthopedics world. EasyPiece® is the last Medical device produced by Overmed, it is a monophasic implant with integrated MUA which guarantees operation speed and easiness in the prosthetic finalization for all-on-four technique.

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• Ritter Implants



**Manufacturer:** RITTER IMPLANTS GERMANY

**Surface:** SBLA (USE CATALOG DESCRIPTION PAGE 1)

**Available Implant Lengths (mm):** 6, 8, 10, 11.5, 13, 16

**Available Implant Diameters (mm):** 3, 3.3, 3.75, 4.2, 5.0, 6.0

**Seating Position To The Bone Crest:** At crest or 1mm below crest of ridge

**Abutment-Implant Connection Type:** Internal bevel hex thread connection

**Index type abutment repositioning:** fully indexed abutments, built in platform shift

[www.ritterimplants.com](http://www.ritterimplants.com) // [leon.beaulieu@ritterimplants.com](mailto:leon.beaulieu@ritterimplants.com)

• Ritter Implants



**Manufacturer:** RITTER IMPLANTS GERMANY

**Surface:** SB/LA – Grit blasted/Large particle acid etched macro surface of 20-40 micros and a micro surface of approximately 2 microns

**Available Implant Lengths (mm):** 6, 8, 10, 11.5, 13, 16

**Available Implant Diameters (mm):** 3, 3.3, 3.75, 4.2, 5.0, 6.0

**Seating Position To The Bone Crest:** At crest or 1-2mm below crest of ridge

**Abutment-Implant Connection Type:** Internal bevel hex thread connection

**Index type abutment repositioning:** Fully indexed abutments, built in platform shift

**Key benefits of Ritter implants are:**

1. A predictable experience
2. 3-in-one initial drill
3. Built-in stoppers
4. Grade 5 Titanium
5. Self tapping implants
6. Length specific drills
7. Platform-shifted abutments
8. Streamlined surgical site preparation
9. Reduced osteotomy prep time.
10. Tissue margin ring on final drills
11. Wide range of prosthetics
12. Narrow Line platform (2.3mm) fits 3.0, 3.3 (mm) implants
13. Standard Line platform (3.75mm) fits 3.75, 4.2, 5.0 & 6.0 (mm) implants
14. A lifetime guarantee on implants and prosthetics

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# SB/LA Ritter Spiral Implant

Sand Blasted | Large Particle | Acid Etched | Platform Switch Capable | Tapered

The Ritter Spiral Implant provides strength, stability and ease of surgical insertion with a flexible, easy to understand prosthetic system. Through the use of our Ritter Surgical Kit, composed of a 3-in-1 initial drill and length specific drills, we have streamlined the surgical site preparation and reduced osteotomy prep time. Ritter's unique built-in platform shift and straight forward prosthetics allow for simple laboratory communication and case planning. Together, Ritter's precision and innovation ensures predictable quality results.

**Strength:** Industry Standard Grade 5 Titanium (Ti6AL4V) Titanium Alloy for high strength

**Surface:** Roughened surface enhances bone contact and stability

**SB/LA -** Grit blasted / Large Particle Acid Etched Macro surface of 20-40 microns and a Micro surface of approximately 2 microns

**Connection:** Prosthetically compatible standard lead-in bevel hex thread connection

### Platform Shifting:

**Standard Abutments** fit across all regular platforms 3.75mm, 4.2mm, 5mm & 6mm

**Narrow Abutments** fit across both narrow platforms 3.0mm & 3.3mm

**Tapered Body:** Increases initial stability, increases speed of insertion while avoiding adjacent roots

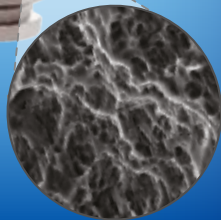
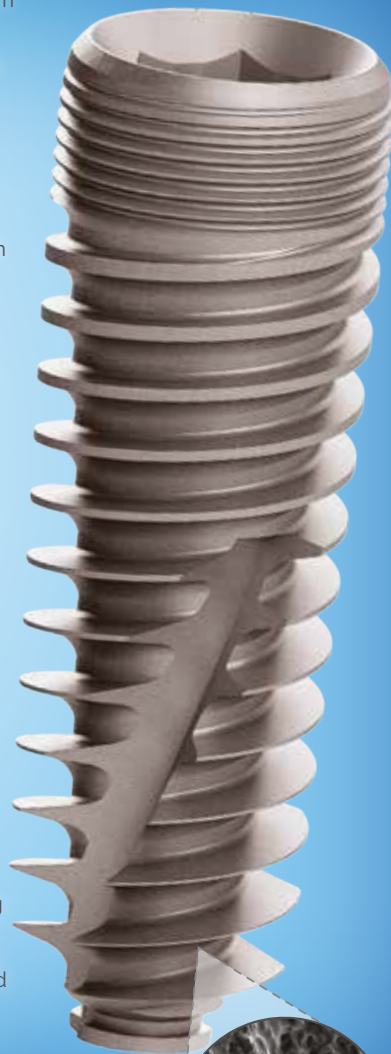
**Dual Cutting Edge:** Enhances self-tapping and increases ease of insertion

**Micro Threads:** Reduces crestal bone stress preventing loss of marginal bone and increases BIC (Bone to Implant Contact)

**Progressive Threads:** Eases stress points in the bone, produces higher bone compression with higher BIC in softer bone

**Rounded Apex:** Minimizes tear risk of membrane in sinus lift procedures

**Mountless Delivery System:** The SB/LA Spiral Implant is protected by sealed packaging with two sterile tubes. The implant is fixed on a titanium shaft and can be easily removed using the motor mount or by using the mounting hand tool, and applying slight lateral pressure. The implant includes the cover screw.



# Predictable Streamlined Solutions for Implant Practice Success

Ritter Implants created the most user-friendly surgical / prosthetic kit. Complete with the 3 in 1 pilot drill and length specific drills with stops. These conical drills are ideal for collecting bone for grafting. The highly visible silver laser mark 3mm above the built in drill stop provides an easy tissue marker or measurement during the drilling procedure. All of the precision instruments for surgery and prosthetics are included.

### Surgical Kit

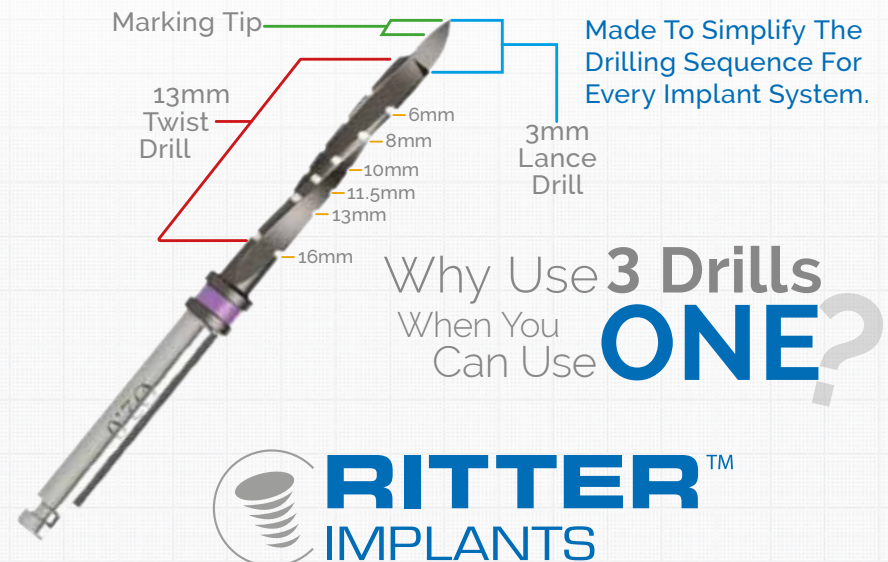


### Length Specific Drills



### Also Available in Surgical Kit:

### Triple Purpose Drill



- **Servo Dental**

### Trias Implant System



The German manufacturer Servo-Dental offers his customers two implant systems with innovative combinations of proven implant features, named Trias and ixx2. Both systems are using the same surgical instruments as well as the same prosthetic components. Trias and ixx2 are easy to handle and provide their users solutions for the different treatment concepts and needs.

**Manufacturer:** Servo-Dental GmbH & Co. KG

**Morphology:** Tapered, with self-tapping thread. Machined neck of 0.3mm. Compression thread for additional compression of the cancellous bone; provides high primary stability. A rounded apex with three apical grooves ensures the gentle insertion into the bone and serves as anti-rotation device.

**Surface:** Sand blasted with large grid and acid etched surface

**Available Implant Lengths (mm):** 8 / 10 / 12 / 14 / 16

**Available Implant Diameters (mm):** 3.3 / 3.8 / 4.4 / 5.0

**Seating Position To The Bone Crest:** Bone level.

**Abutment-Implant Connection Type:** The special geometry using a cone and a tube as well as the solid construction ensure a precise and stable fit between implant and abutment. In addition the tube design enables a fast and uncomplicated insertion and alignment of the abutment

**Index type abutment repositioning:** Octagonal, allows eight possible positions of the abutment.

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- **Servo Dental**

### ixx2 Implant System



**Manufacturer:** Servo-Dental GmbH & Co. KG

**Morphology:** Tapered, with self-tapping thread. Micro thread in the neck area. Due to its thread design the implant provides high primary stability especially in the soft bone. A rounded apex with three apical grooves ensures the gentle insertion into the bone and serves as anti-rotation device.

**Surface:** Sand blasted with large grid and acid etched surface.

**Available Implant Lengths (mm):** 8 / 10 / 12 / 14 / 16

**Available Implant Diameters (mm):** 3.3 / 3.8 / 4.4 / 5.0

**Seating Position To The Bone Crest:** Bone level

**Abutment-Implant Connection Type:** The special geometry using a cone and a tube as well as the solid construction ensure a precise and stable fit between implant and abutment. In addition the tube design enables a fast and uncomplicated insertion and alignment of the abutment.

**Index type abutment repositioning:** Octagonal, allows eight possible positions of the abutment.

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# Perfection is a must

## 100% MADE IN ITALY

SAEG doesn't produce dental implants neither dedicated prosthetic parts; our company makes surgical kits for all the types of dental implants. The benefits of our products are:

- High raw material quality (surgical stainless steel)
- Construction of equipments are designed by the customer
- Possibility of DLC or TIN coating
- Possibility of laser imprints and colour coding
- Possibility of internal irrigation of drills

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*Perfection is a must*



### • **SGS Dental Implant System**

SGS Dental Implant System has been incorporated with aim to offer customers a comprehensive range of innovative, science-based dental solutions. Thanks to qualitative Swiss technology company provides excellent products on competitive prices with strong support in the heart of Europe.

SGS Dental Implants have lifetime warranty with unique surface treatment and can be combined with the widest range of prosthetic parts answering for all dental problems.

We do trust to achieve measureless success with our partners, as we have **ALL SOLUTIONS FOR A PERFECT SMILE.**

#### **Unique selling points**

- excellent price for value ratio
- flexibility, quick worldwide delivery service
- effective after sales customer support

#### **Key product/service/solution**

- **High quality dental implants in different sizes and diameters (3.0 – 6.0)**
- **Extraordinary large scale of prosthetic parts**
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# WHY CHOOSE SGS DENTAL IMPLANT?



## SWISS QUALITY

We use the most precise tools and equipments with the best raw material, that is why SGS became one of market leaders in the dental implant industry.



## PREMIUM SURFACE

A new microstructured bioactive antibacterial surface for implants! SBTC is a known worldwide type of dental implant coating, having outstanding performances in dental implantation practice.



## LIFETIME WARRANTY

SGS Dental Implant takes responsibility for all of its implants and gives life-time warranty when used in accordance with the supplied instructions for use and the company protocols.



## FRIENDLY SUPPORT

We at SGS Dental Implant System strive to do all our best for our partners: high-quality service, flexibility, intention to help anytime. Give the best support they desire.

### SGS INTERNATIONAL LTD.

H-1047 Budapest, Károlyi István u. 1-3.  
Tel: +36 1 328 0427 | [info@sgs-dental.com](mailto:info@sgs-dental.com)  
[www.sgs-dental.com](http://www.sgs-dental.com)

## 25 years of production and innovation in implantology



*Perfection is an art,  
its secret is simplicity*

### How T.F.I. System solved the problem of unscrewing between fixture and abutment.

#### In implantology, why does unscrewing occur over time between the implant and the prosthetic part?

The answer lies in the physical-mechanical characteristics of titanium. In fact, titanium is an excellent metal in terms of biocompatibility, but with a high friction corrosion coefficient. For this reason, with the chewing activity, a gap is created over time due to the consumption of the fixture/abutment connection walls.



In the Easy Grip® implant line, this physical-mechanical problem has been largely solved for over ten years by implementing the following solutions:

1. Both the implant and the prosthetic part are made of grade 5 ELI titanium, as it is an alloy with about 50% more friction corrosion resistance than grade 4 titanium.
2. The fixture/abutment connection tolerance is only 5µ, which results in a strong adherence to the connection (friction fit), to such an extent that Easy Grip® is the only implant line offering two analogues with different tolerance, one dedicated to preformed posts (LB3), and the other specifically to castable posts (LA3).
3. The tightening screw is produced with a special technique (rolling) which makes it much more resistant to the tightening torque, about 50% more than a common tightening screw.
4. The connection surfaces undergo an anodic EDM process in order to make the titanium surface, more prone to friction corrosion due to the chewing activity, smoother.

All these special procedures performed in the production of the Easy Grip® implant line, better maintain the physical-mechanical characteristics even after years of chewing activity.



- **TFI System**

**EASY GRIP Implants – All solutions in one**



**Manufacturer:** T.F.I System srl

**Morphology:** Threaded implants of cylindrical, anatomical and conical type in titanium grade 5 ELI with cortical microgrooves and inverted sawtooth threading with double tapping start.

**Surface:** OsteoGrip surface (SLA), result of specific surface treatments like Sandblasting, Acid etching and Plasma Glow Discharge (cold plasma decontamination), specifically designed to support rapid bone regeneration.

**Available Implant Lengths (mm):** 5 / 8 / 10 / 11.5 / 13 / 15

**Available Implant Diameters (mm):** 3.3 / 3.75 / 4.5 / 5.0 / 6.0

**Seating Position To The Bone Crest:** Bone level


**Abutment-Implant Connection Type:** Internal hexagon connection with rounded angles and friction-fit. Single connection in Platform Switching for all implant diameters

**Index type abutment repositioning:** 6 positions (Hexagon)


[www.tfsystem.it](http://www.tfsystem.it) // [info@tfsystem.it](mailto:info@tfsystem.it)

Looking for distributors

# Implant 3D Software




## Dental Implant Simulation & In House surgical guide creation



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Media Lab Inc.  
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Ph. (+39) 01.87.51.77.75 • [info@mlsw.com](mailto:info@mlsw.com)

[implant3d.com](http://implant3d.com)



- Trate

### Compressive implants with conometric prosthetics solution



The abutment profile of Compressive implants allows for the use of an external connection system – conometrics. Conometrics provides a way to retain prosthesis, additional abutment modifications, without the need of cement or screw. Conometrics works on the principle of frictional contact and elastic deformation of the connecting coping. These and other numerous factors ensure the best biologic and prosthetic outcome. Using Conometric prosthetics solution with patented lifting technology for multiple unit restorations there is no need to use more screws or cement. It has easy but strong telescopic fixation.

**Manufacturer:** TRATE AG

**Implant morphology:** one-piece implants with tapered shape design and telescopic titanium or PEEK caps for conometric prosthetic solution in case of multiple unit restorations with immediate loading.

**Surface:** Sand blasted with HA-TCP and acid etched

**Available Implant Lengths (mm):** from 6 up to 20

**Available Implant Diameters (mm):** from 3,0 up to 5,5

**Seating Position To The Bone Crest:** crestal

**Abutment-Implant Connection Type:** one-piece implants

**Index Type Abutment Repositioning:** slots

[www.trate.com](http://www.trate.com) // [info@trate.com](mailto:info@trate.com)

- Trate

### Compressive MP implants – special thread design for soft pterygoid bone



Compressive MP implants allow numerous prosthetic options. They have strong and secure fixation screw for titanium base fixation and gingiva level design. Compressive MP implants can be combined with Compressive M implants

**Manufacturer:** TRATE AG

**Implant morphology:** two-piece implants for multiple unite screw-retained restorations in the pterygoid region.

**Surface:** Sand blasted with HA-TCP and acid etched

**Available Implant Lengths (mm):** from 16 up to 26

**Available Implant Diameters (mm):** 3,5; 4,5

**Seating Position To The Bone Crest:** crestal

**Abutment-Implant Connection Type:** external platform, flat

**Index Type Abutment Repositioning:** star

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MADE IN ITALY

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### CONICAL ACTIVE

- DIAMETERS**
- Ø 3,5mm
  - Ø 3,9mm
  - Ø 4,4mm
  - Ø 5,5mm

- Conical connection with internal antirotational hexagon
- Switch platform system.
- Anti percolation tapered connection

### SEVENTEEN-ONE

- DIAMETERS**
- Ø 3,30mm
  - Ø 3,75mm
  - Ø 4,20mm
  - Ø 5,00mm
  - Ø 6,00mm

- Interaal hexagonal connection
- Switch platform system.
- Coronal microthread

### IM MACON

- DIAMETERS**
- Ø 3,1mm
  - Ø 3,6mm
  - Ø 4,1mm
  - Ø 4,6mm
  - Ø 5,1mm

- Short implant with tapered connection
- High prosthetic stability without fixing screw
- Sloped platform design with wide bone-implant surface

### EASY

- DIAMETERS**
- Ø 2,3mm SUPERIOR
  - Ø 2,0mm INFERIOR

- Mini implant designed for stabilization of total prostheses.
- Sphere of 1,8mm
- Simplified and minimally invasive surgical protocol

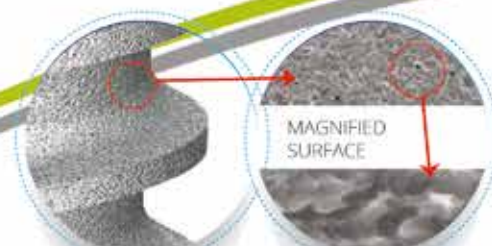
Intraoral scanners  
 Desk scanners  
 3D software  
 Guided surgery system  
 Micromotors  
 Biomaterials  
 Osteosynthesis

### IMPLANTS FEATURES

98,2%

**Reliability and durability**  
MaCo Dental Care implants have a success rate among the highest in the sector.

**Wide prosthetic choice** All implant lines provide the specialist with all prosthetic components and instruments needed to better manage the specificities of each case.



**MaCo Surface** All implants are sand blasted and acid etched to improve their biomechanical characteristics. This treatment generates microcavities, comparable in size to those of the osteocytes, that facilitate the osseointegration.



## • Ziacom Medical Conical connection

### Ziacom Galaxy®

**Manufacturer:** ZIACOM® manufactures and commercializes dental implant systems for more than ten years, offering a wide range of products and solutions in oral implantology. The philosophy is based on high quality products and competitive prices. ZIACOM® implants are manufactured with Zitium® high performance grade 4 titanium, which gives it a substantial improvement in its elastic limit and mechanical properties.

**Implant Morphology:** GALAXY® has tapered body with double thread and variable geometry that provides fast insertion and high primary stability. The combination between the thread and the active apex makes the implant insertion easy with undersized drilling technique. GALAXY® is suitable for immediate loading and immediate post-extraction placement.

**Surface:** Osseonova® surface, textured by subtraction using sandblasting with white corundum and double etching of hydrofluoric acid and a combination of sulphuric and phosphoric acid, creates a macro and micro porosity with optimum average values whose key characteristics for achieving a correct and rapid osseointegration which gives it reliability and predictability.

**Available Implant Lengths (mm):** 8.5 / 10 / 11.5 / 13 / 14.5

**Available Implant Diameters (mm):** Single prosthetic RP platform in three different diameters 3.4 / 3.7 / 4.0 / 4.3

**Seating Position To The Bone Crest:** Galaxy® implant platforms should be placed at bone crest level.

**Abutment-Implant Connection Type:** The conical connection consists on 11° morse taper with double internal hexagon as anti-rotational element. The connection ensures conical friction and sealing that reduces micro-movements and infiltration. The platform switch allows better representation of biological with and long term aesthetic stability.

**Index Type Abutment Repositioning:** In cases of anti-rotational (engaged), hexagonal prosthetic connection allows six different positions. There are rotational (non-engaged) abutment for multiple restoration without index.

[www.ziacom.es](http://www.ziacom.es) // [jointhefuture@ziacom.es](mailto:jointhefuture@ziacom.es)

GALAXY®



## • Ziacom Medical Conical connection

### Ziacom ZV2®

**Manufacturer:** ZIACOM® manufactures and commercializes dental implant systems for more than ten years, offering a wide range of products and solutions in oral implantology. The philosophy is based on high quality products and competitive prices. ZIACOM® implants are manufactured with Zitium® high performance grade 4 titanium, which gives it a substantial improvement in its elastic limit and mechanical properties.

**Implant Morphology:** ZV2® is a straight body implant with a slightly tapered core in coronal area. The thread has been designed in reduction up to platform that provides high primary stability. The apex has atraumatic design to protect anatomical structures. ZV2® is suitable for any type of bone, therefore can be placed at any position.

**Surface:** Osseonova® surface, textured by subtraction using sandblasting with white corundum and double etching of hydrofluoric acid and a combination of sulphuric and phosphoric acid, creates a macro and micro porosity with optimum average values whose key characteristics for achieving a correct and rapid osseointegration which gives it reliability and predictability.

**Available Implant Lengths (mm):** 6 / 8 / 10 / 12 / 14  
available according diameters

**Available Implant Diameters (mm):** RP and WP prosthetic platform in three different diameters 3.4 / 4.1 / 4.8.

**Seating Position To The Bone Crest:** ZV2® implant platforms should be placed at bone crest level.

**Abutment-Implant Connection Type:** The conical connection consists on 11° morse taper with double internal hexagon as anti-rotational element. The connection ensures conical friction and sealing that reduces micro-movements and infiltration. The platform switch allows better representation of biological with and long term aesthetic stability.

**Index Type Abutment Repositioning:** In cases of anti-rotational (engaged), hexagonal prosthetic connection allows six different positions. There are rotational (non-engaged) abutment for multiple restoration without index.

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ZV2®







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Making future together

# Join the future

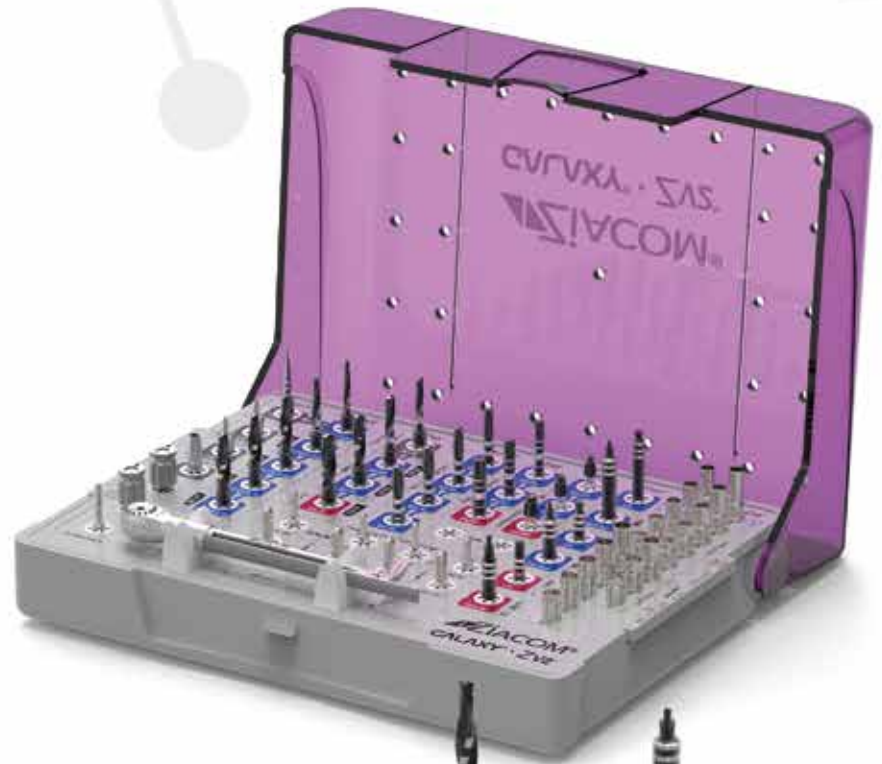
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**GALAXY®**



**ZV2®**



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ceramic implants



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# AROUND IMPLANTOLOGY

Osseointegration & Biomaterials  
3D Printers and Scanners  
Equipment & Supplies for Implants  
Piezosurgery  
Software

# SmartBone®

## The next frontier of bone regeneration

SmartBone® is a bone substitute produced by the swiss company IBI (Industrie Biomediche Insubri) SA.

IBI SA is a company established in 2008 in Ticino (Switzerland) by a group of specialized researchers with strong competencies and core skills in processing materials for biomedical applications. IBI's specialists had been working for four years on a product capable to represent the future for health.

The company focus is on research, development and production of medical devices for tissue engineering and regenerative medicine: substitutes, grafts, 3D matrixes and 2D scaffolds. IBI SA pays extreme attention to safety and quality, for this reason is ISO13485 certified.

In 2012, SmartBone® entered the market by confirming itself as an innovative composite biomaterial developed for bone regeneration in reconstructive surgeries.

SmartBone® is available in different shapes from blocks to microchips. It is produced by combining:

- Spongy bovine mineral matrix
- Resorbable biopolymers
- Proteins

Thanks to its composition, SmartBone® can hence be categorized as a composite xeno-synthetic graft.

This hybrid composition guarantees exceptional biomechanical properties and promotes osteogenic process to obtain optimal and fast osteointegration. After grafting, SmartBone® is totally resorbed and replaced by patient's own bone once remodelling process is completed. SmartBone® blocks have impressive mechanical performances:

- Withstand heavy surgical manoeuvres;
- Allow very precision shaping with any type of surgical tools;
- Have high loading resistance;
- Offer high tenacity to screws fixation and have high volumetric stability.

Its 27% open-porous microstructure mimics the human bone ones and promotes the patient's cells to efficiently colonize and to quickly grow into SmartBone®, while its biopolymers degrade, providing a perfect integration and osteoconduction. SmartBone® microchips can be easily mixed with patient blood to obtain a paste capable of being shaped for a better site filling.

SmartBone® was designed to reduce the inner variability that many other bone substitutes have, due to their natural origin.







Industrie Biomediche Insubri SA provides also another service, according to the 93/42/CEE Legislation regarding custom-made medical devices, the so-called SmartBone® On Demand™.

SmartBone® on Demand™ is the custom-made bone grafts line, designed specifically for the needs of each patient, especially developed to manage complex cases. The perfect contact between the graft and the recipient site improves the integration: it allows a correct application of guided surgery techniques and lets to reduce surgery time, difficulty and risks.

Thanks to the high performances, the high workability, the resistance and the shape retention of SmartBone®, IBI SA can produce custom-made bone grafts for patient's specific defects.

#### 4 steps to get your custom-made graft:

1. Take a CT Scan of the Patient concentrating on the defect.
2. Send the CT Scan in a DICOM format to IBI-SA with a brief clinical description.

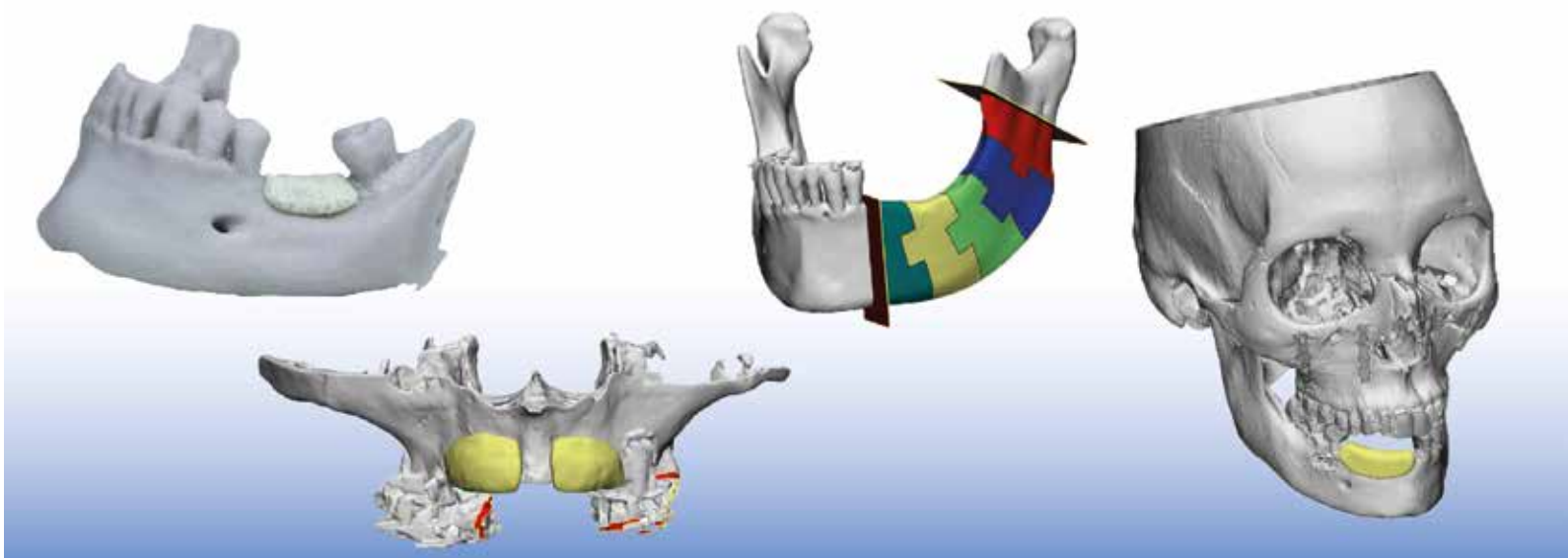
IBI's trained Engineers will get in contact with you, discuss the plan and You will receive a commercial offer for your plan.

3. IBI's trained Engineers, in conformity with your indications and suggestions, will design the graft until you are satisfied from the design.
4. 3 weeks later you will receive your graft ready for the surgical intervention. No sterilization or extra shaping required.

SmartBone® On Demand™ guarantees your success:

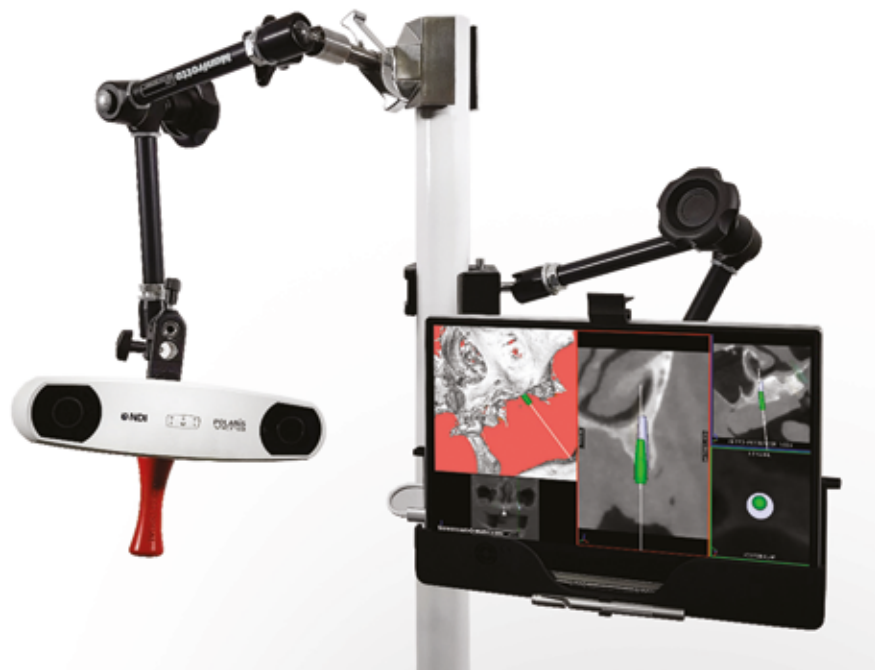
- Custom-made to the specific needs of each of your patients;
- Ensures a perfect contact between the graft and the recipient site for improved integration;
- Ensures a precise creation of the desired shape, specifically designed for every kind of surgery;
- Helps you to resolve complex situations;
- Saves your time during surgery;
- Reduces your patient's risks;
- Helps you to reduce surgical costs;

[www.ibi-sa.com](http://www.ibi-sa.com) // [info@ibi-sa.com](mailto:info@ibi-sa.com)





# THE FUTURE OF GUIDED IMPLANTOLOGY



Based on optical live tracking technology, **ImplaNav** has been designed to maximise accuracy in dental implantology and minimise invasiveness in advanced oral and maxillofacial surgery.

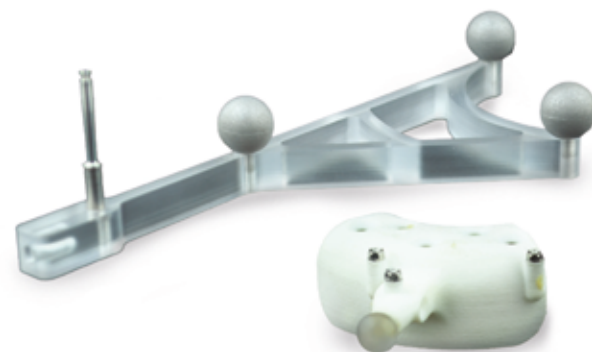
## Features

- Miniaturised reference tools
- Optimised for edentulous patients
- Designed to be used with *Piezosurgery*<sup>®</sup>
- Compatible with any surgical handpiece/implant system

## Clinical applications

- Flapless implant surgery
- Angulated implant socketing
- Zygomatic Implants
- Post-extractive implant surgery

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Validated through Clinical Trials and numerous scientific publications.  
Developed in Australia by BresMedical in collaboration with University of Bologna (Italy).

teetanium®  
*Trying is believing*



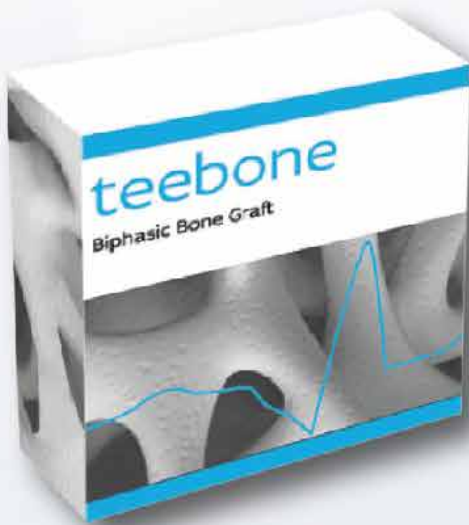
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- . 100% Best Prime Stability
- . 98% Success Rate
- . Zero Bone Resorption
- . 250,000 Implants Sold Yearly

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teebone®  
Biphasic Bone Graft



- . No Membrane Needed
- . 100% Synthetic
- . Best Price
- . Sold 65+ Countries Worldwide

• **Abacus Sistemi CAD/CAM**



**Introduction** - LOGICO 3D scanners enables fast and easy scanning with high accuracy and detail.

**Made in Italy** - LOGICO 3D scanners are a structured light optical scanner developed by ABACUS using thirty years of experience with CAD-CAM and measuring instruments to meet end user requirements. LOGICO 3D scanners are built using components of the highest quality to ensure maximum performance in a design very exclusive.

**Easy and Fast** - LOGICO 3D scanners are designed for ease of installation and use for less experienced users, too. LOGICO 3D scanners combine ease of use with speed, using an automated process which enables the scanning of an object in only 60 seconds.

**Economic** - LOGICO 3D scanners produce high quality results at a low cost thanks to the continuous Abacus's investments in knowledge and the ability to be able to integrate hardware and software in smart way.

**Open System** - LOGICO 3D scanners delivery data in an open STL format (non-encrypted) enabling the easy transfer of data with any CAD system.

**Productive** - LOGICO 3D scanners enable various scanning techniques tailored to be the end user requirements. In merely minutes STL files can be transferred to a CAD or CAM system or to a 3D printer.

**Functional** - LOGICO 3D scanners have a compact design combined with a large barrier free working area (articulator).

**Accurate** - LOGICO 3D scanners allow an accurate calibration of 10 microns and thus enables a high accuracy scanning of small objects ensuring excellent results.

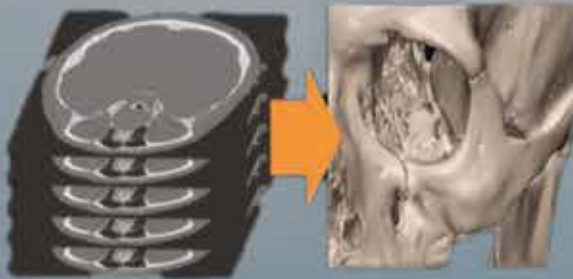
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• **Launca**

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DL-150 is the newest generation intraoral scanner from Launca. Industry leading accuracy is always what Launca intraoral scanners bring to the dentists, based on its state-of-the-art 3D points post-processing technology.

Launca intraoral scanner DL-150 provides a perfect combination of high accuracy and ease of use, support a complete solution for the most common types of restorations, implants and orthodontics in dentistry.

Launca DL-150 intraoral scanner offers premium features such as autoclavable tips, real-time HD video capture, and a built-in heater to prevent fogging, make the dentists gained improved impression quality for better-fitting restorations.

Less chair time and better security options give patients and the dental team more comfortable, less anxious experience. Superior accuracy, fast and smooth scan, and simple workflow make DL-150 intraoral scanner one of the best choices for dental practices.

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## Taking the Perfect Digital Impression

Three-in-one Solution  
Restoration  
Implant  
Orthodontic



## PRODUCT FEATURES

- ① Open System
- ② Superior accuracy
- ③ Autoclavable tip
- ④ Simple workflow
- ⑤ No software updating fee

# BOREA

## With Rayplicker™ say «Yes» to digital dentistry!

Borea is a French company that designs, manufactures and markets dental shade-taking devices. Borea's mission is to provide dental surgeons and laboratories with innovative solutions to improve comfort and quality in their day-to-day practice.

The flagship product of Borea is "The Rayplicker™". This solution allows to obtain in a single acquisition complete shade mapping and translucency of a tooth. Visualize easily the overall shade of the tooth, a 3 or 9 parts shade or a detailed mapping pixel by pixel. The dental surgeon or the dental technician can, thanks to the Rayplicker™, take the color in a reliable and reproducible way, without influences of the external environment. To complete this shade-taking, a dedicated mobile application "Rayplicker™ Pics App Solution" offers the possibility to attach photos of the patient's mouth and face to edit and send an objective and complete order to the laboratory.

The Rayplicker software allows thanks to a Cloud connection, a direct link with the laboratory in real time, the transmission of all the necessary technical data and ensure the traceability of the latter. This software offers image treatment tools as well for an in-depth color analysis.

Rayplicker™ also offers the possibility of choosing its reference shade guide. Equipped with a patented measuring head, its sterilizable tip enables the device self-calibration and guarantees the user against all cross contaminations.

### Advantages:



#### Time saving & profitability

A complete color analysis in a few seconds. High Return On Investment.



#### Accuracy

Ultra accurate pixel analysis.



#### Reliability

Patented technology offering objectivity and repeatability.



#### Hygiene

Protective sheaths, sterilizable calibration tips.



#### Digital files

To ensure better traceability and sharing without loss of information.



#### Ergonomy

Touch screen, miniaturized measuring head.



#### Plug & Play

Self calibration of the device. A unit designed for the ease of use.



#### Flexibility

Configure the shade guide of your choice. Up to 4 user profiles.



Rayplicker is the easy-to-use solution for fast and reliable shade-matching. Its intuitive interface, user-friendly features and ergonomics make it the necessary device in every dental practice and labs.

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# SAY «YES» TO DIGITAL DENTISTRY



Shade-matching as never been so simple!



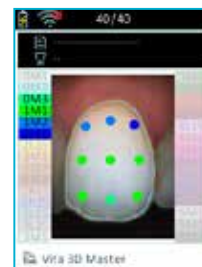
Polarised  
picture



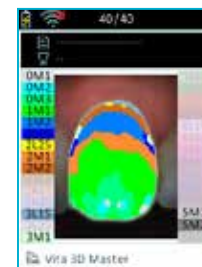
Overall  
shade



3 parts  
mapping



9 parts  
mapping



Detailed  
mapping



Translucency

● **ATS DENTAL**



«Omega»  
**Implant «Plus»**



**I-TECH Lite**

ATS DENTAL is proud to introduce **OMEGA IMPLANT “Plus”** and **I-TECH Lite**, the new Implant Micromotors: **powerful performance and precise functionality.**

- **Brushless Micromotor:** The motor torque is 80 Ncm and the motor speed range is 400 – 40,000 rpm (20 - 2000 with 20:1 contra-angle). . **Autoclavable micromotor assembly, guaranteed up 1000 cycles.**
- **L.E.D. Technology:** high luminosity light. Wide light area without shadows. Power: 31000Lux
- **Electronic Calibration** of the Contraangle.
- Equipped with **Multifunction DeLuxe pedal:**
- **Advanced Irrigation Pump:** Easy setup of irrigation tubes - Very ergonomic opening and closing system
- **Built to last and User friendly.**
- Totally designed, developed and **manufactured in Italy.**

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**I-TECH Lite**

Prg.	1	R/R	20:1	Calibration
Rpm	2000	Ncm	Max	Options
Flow	3	F/R		Help
Motor ON	Pump ON	+	-	↻

**ATS Dental**  
Advanced Technology Solutions

**LED**  
- Wide light area  
- Light without shadows  
- Power: 31000Lux



**ATS Dental**  
Advanced Technology Solutions

Design and Manufacturing of Surgical Micromotors



Implant Motor with 4.3" TouchScreen/LED Lite



Autoclavable Brushless Micromotor  
LED Lite

Switch to the...future

MADE IN ITALY



 **ATS Dental**  
Advanced Technology Solutions

**LINEA TAC**

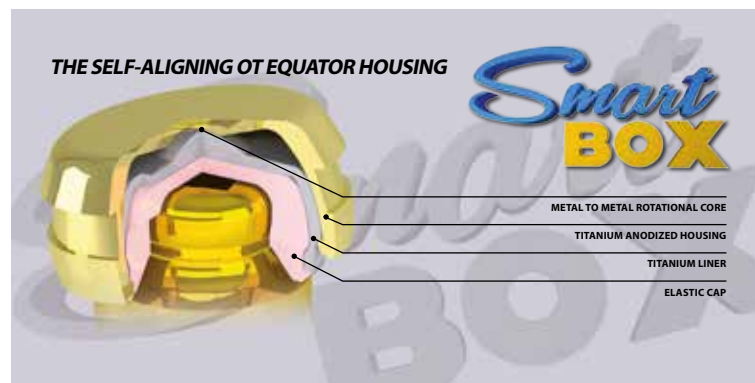
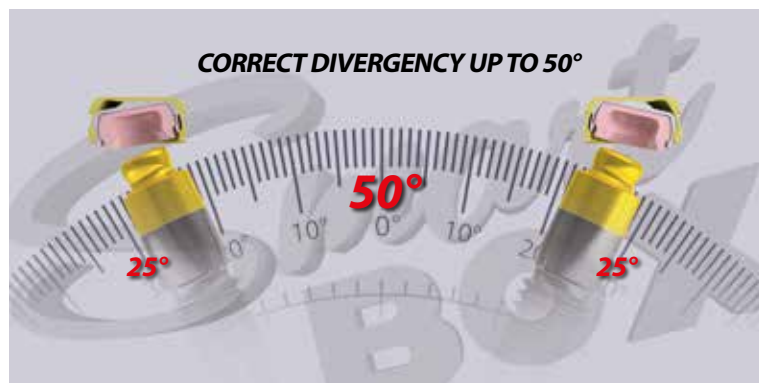
AMALGAMATOR

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- 51034 SERRAVALLE PISTOIESE (PT) - Italy
- Tel +390573518137
- [info@atsdental.i](mailto:info@atsdental.i) - [www.atsdental.it](http://www.atsdental.it)



## • Rhein 83

### OT EQUATOR AND SMARTBOX the solutions to every problem in implantology



#### OT EQUATOR

Is the smallest dimensional attachment system in the market counting on a reduced vertical profile of 2.1 mm with a 4.4 mm diameter. Compatible with all implant systems and brands. The innovative design of the Equator attachment provides a superior stability and retention to the prosthesis.

- The smallest dimensional implant abutment available in the market.
- Manufactured compatible to all implant brands and platforms
- Available in 8 different gingival heights
- TiN coating procedure increasing the hardness and duration in time
- Different elastic retentive caps available
- SMARTBOX system now available: allowing to correct over 50° of implant divergency
- Single castable and threaded titanium attachment systems available
- Instructions to indicate when ordering: implant brand, diameter, gingival height
- ISO 9001 – ISO 13485 valid certificates
- FDA – CE – Russia – Canada – Japan – Korea (and more countries) valid patent

#### SMART BOX

Smart Box to be used in case of extreme divergencies between the implants with the Ot Equator, the smallest implant attachment on the market. The new Smart Box thanks to an inner tilting mechanism allows a passive insertion with divergent implants up to 50°.

#### The expert opinion: DDS. Roberto Scrascia

*In the implant prosthetic rehabilitation with an overdenture, the choice of the retentive systems is a crucial moment; it is fundamental to analyze and evaluate carefully the options provided by the market in order to avoid problems that may occur at an early stage or during the treatment.*

*Before the SMART BOX there was little chance to use the good performances of the OT Equator with severe divergences of the implants given by the available bone after the resorption of the aged patient jaws. In situations like these a low profile attachment is often the preferable solution, because it provides a good stability and all the space for an aesthetic denture.*

*Thanks to the innovative and original mechanism we can extend the limit of usability of the OT Equator attachment without losing none of its performances and its qualities. The Smart Box with the tilting mechanism allows and facilitates the smooth insertion of the prosthesis, a positive feature of the OT Equator by Rhein 83. Smart Box is a new product that provides us a good opportunity to enhance the solutions to be proposed to the patient in our everyday work.*

**Roberto.scrascia@gmail.com**

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**INNOVATIVE DESIGN AND FUNCTIONALITY ON YOUR IMPLANT**  
*The Smallest Dimensional Titanium Abutment in the Market*



**STAINLESS STEEL HOUSING**  
 2,1mm HEIGHT - 4,4mm DIAMETER

**RETENTIVE NYLONCAP**  
 SHOCK ABSORBING FUNCTIONALITY

**TIN COATED TITANIUM**  
 1600 VICKERS HARDNESS



*C. Borromeo*

**RETENTIVE CAPS LINE**

ELASTICITY AND MECHANICAL RETENTION TO ENSURE A SUPERIOR FUNCTIONALITY FOR THE PROSTHESIS

COMPATIBLE TO ALL  
 IMPLANT PLATFORMS



THE OT EQUATOR ATTACHMENTS ARE AVAILABLE FOR THE MAJOR IMPLANT BRANDS. UPON REQUEST WE CAN CUSTOMIZE THEM FOR ANY KIND OF IMPLANTS. WHEN ORDERING, PLEASE ALWAYS INDICATE: IMPLANT BRAND, IMPLANT DIAMETER AND CUFF HEIGHT. CUFF AVAILABLE UP TO 7mm.



• **Zhermack**

**High-rigidity addition silicone  
Ideal for impression taking in implantology**

**HYDRORISE IMPLANT - SYMPLY ACCURATE**

The success of a prosthetic restoration supported by implants is obtained by combining know-how, technique and high-quality materials. In the different operative phases, impression taking plays a key role in order to obtain an accurate impression on the first try: rigidity, elasticity, long dimensional stability and precision are essential, as these features assure the efficiency of the clinic and the satisfaction of the patient. Hydrorise Implant is the easy-to-use Zhermack solution for a precise, reliable and safe impression taking. It is a high-rigidity addition silicone (VPS) ideal for impression taking in implantology, offering its best performance in multi-unit implant cases. It has the advantage of being radiopaque and scannable without using matting sprays. Developed by Zhermack R&D as an extension of the Hydrorise line, already known in the market thanks to its excellent performance, Hydrorise Implant represents a step forward in the world of implant impressions.

**ADVANTAGES**

**Accuracy**

- high rigidity and consistency for all versions
- high precision in detail reproduction (Light Body)

Impression taking is one of the most important phases in a prosthetic treatment. A precise impression allows a proper communication with the dental laboratory to realize a long-lasting restoration. The impression needs to be taken skillfully, and the choice of the material affects the final result.

**Reliability**

- long dimensional stability
  - optimal working time, even for the most complex cases
- Hydrorise Implant becomes a necessary tool in the daily clinical practice to increase the efficiency of the clinic and the satisfaction of the patients.

**Safety**

- biocompatible
- dimensionally stable even after impression disinfection
- radiopaque



The risk of infection is reduced because residues under the gum are easily identified with a simple X-ray. The risk of allergic reactions is also minimized by the biocompatibility and the stability is maintained after the disinfection.

**Ease of use**

- it can be used with any kind of impression tray
- scannable
- the model can be easily removed from the impression

Thanks to its ideal consistency, Hydrorise Implant can be used with every standard or custom impression tray, without flowing. It is also scannable with the most common scanning systems without using matting sprays. The readability of the impression is immediate thanks to easily-readable colours.

**Comfort**

- mint-scented
- easily removable from the oral cavity

Due to its user-friendliness, Hydrorise Implant is a solution that pleases everyone: the patient, the clinic and the lab technician.

**5:1 CARTRIDGES**

- compatible with the most common automatic mixers on the market
- Hydrorise Implant is available in convenient 50 ml (Light) or 380 ml (Heavy and Medium Body) self-mixing cartridges. Mechanical and automatic mixing is better and faster compared to the manual one: this simplifies the workflow in the clinic.

[www.zhermack.com](http://www.zhermack.com) // [info@zhermack.com](mailto:info@zhermack.com)







# hydrorise implant

**High-rigidity addition silicone:** a step forward in the world of implant impressions ideal for multi-unit implant cases.

Available in convenient self-mixing cartridges, Hydrorise Implant offers rigidity and detail reproduction and can be used with monophasic (Medium Body) and simultaneous, two viscosities (Heavy and Light Body) techniques.

- accurate, thanks to high rigidity and consistency
- safe, since it is biocompatible and radiopaque
- reliable: adequate working time and dimensional stability
- easy to use and scannable
- comfortable: mint scented and easily removable

**Hydrorise Implant, simply accurate**

[www.zhermack.com](http://www.zhermack.com)

**5:1 CARTRIDGE**  
compatible with the most common  
automatic mixers on the market



**Zhermack**  
Dental

• **Mariotti & Co.**

**PIEZOELECTRIC for SURGERY and IMPLANT MOTOR with led light made in Italy by MARIOTTI**

Mariotti's technical staff working side-by-side with experts in the field, presents the new top quality surgery piezoelectric and implants motors units with led light.

MUN.PZL piezoelectric unit delivers its ultrasonic power in an optimal way thanks to the innovative system of dynamic frequency control to ensure the proper supply of energy in any situation.

UNIKO.PZ device gives the double feature combining the brushless motor for implantology and the piezoelectric for surgery both with high luminosity led light.

Excellent performances in safety and precise parameters adjustment of power, vibration, torque and speed. User friendly, immediate and intuitive use by touch keyboard and wide display. Update version via software. Ergonomic and powerfull handpieces with led light, no overheating.

Extended service life of parts that require sterilization in autoclave. Basic kit for osteotomy, osteoplasty, extraction with 6 tips included. Torque wrench for the right locking of the tip to the piezo handpiece.

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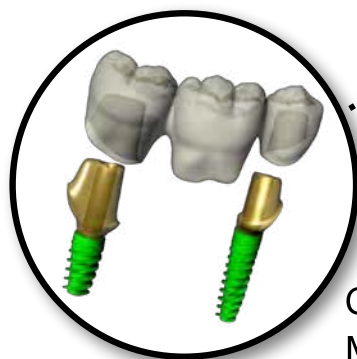
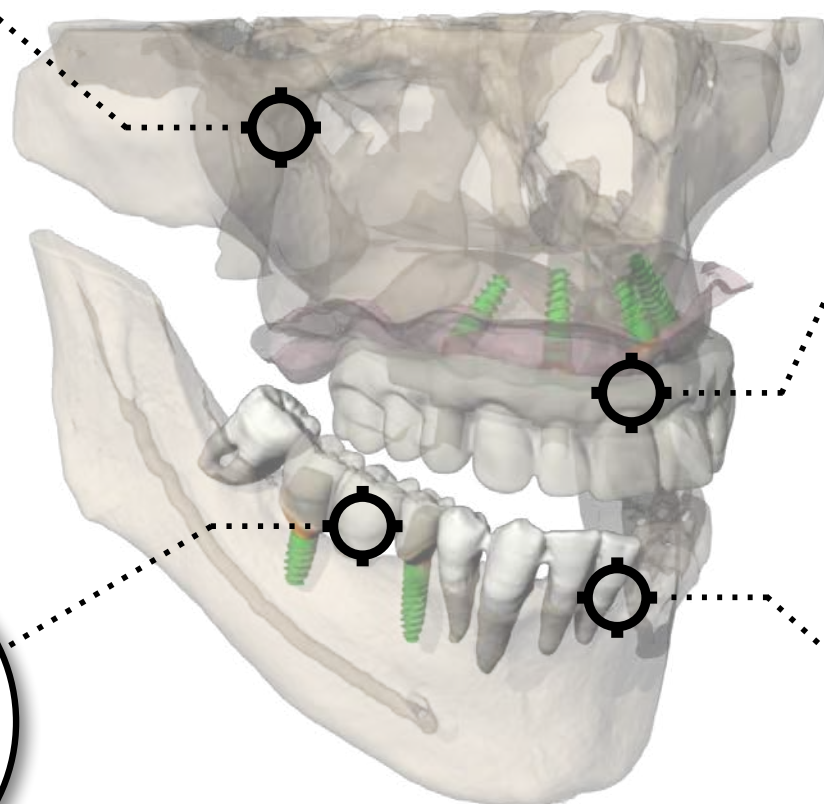






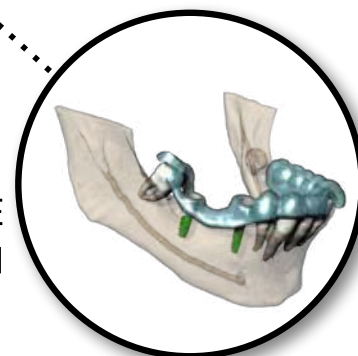
3D DIAGNOSIS

IMPLANTS PLANNING &  
IMMEDIATE LOADING  
PROSTHESIS DESIGN



CROWNS & BRIDGES  
MODELLING

SURGICAL GUIDE  
DESIGN



A SYSTEM AS **UNIQUE**  
AS YOUR **PATIENTS** ARE

# 3DIEMME

## RealGUIDE Software Suite

Discover the World's first open system integrating 3D imaging, implants planning and prosthesis modelling applications on mobile devices and cloud environment



3DIEMME presents the new revolutionary dental imaging, surgical guides planning and prosthesis modelling application running on any device: PC, MAC and, above all, on mobile devices (tablet/smartphone, running iOS).

The new software suite, with 12 years of experience in digital dentistry procedures management and used by International Doctors and Labs to manage thousands of clinical cases per year, includes the following modules:

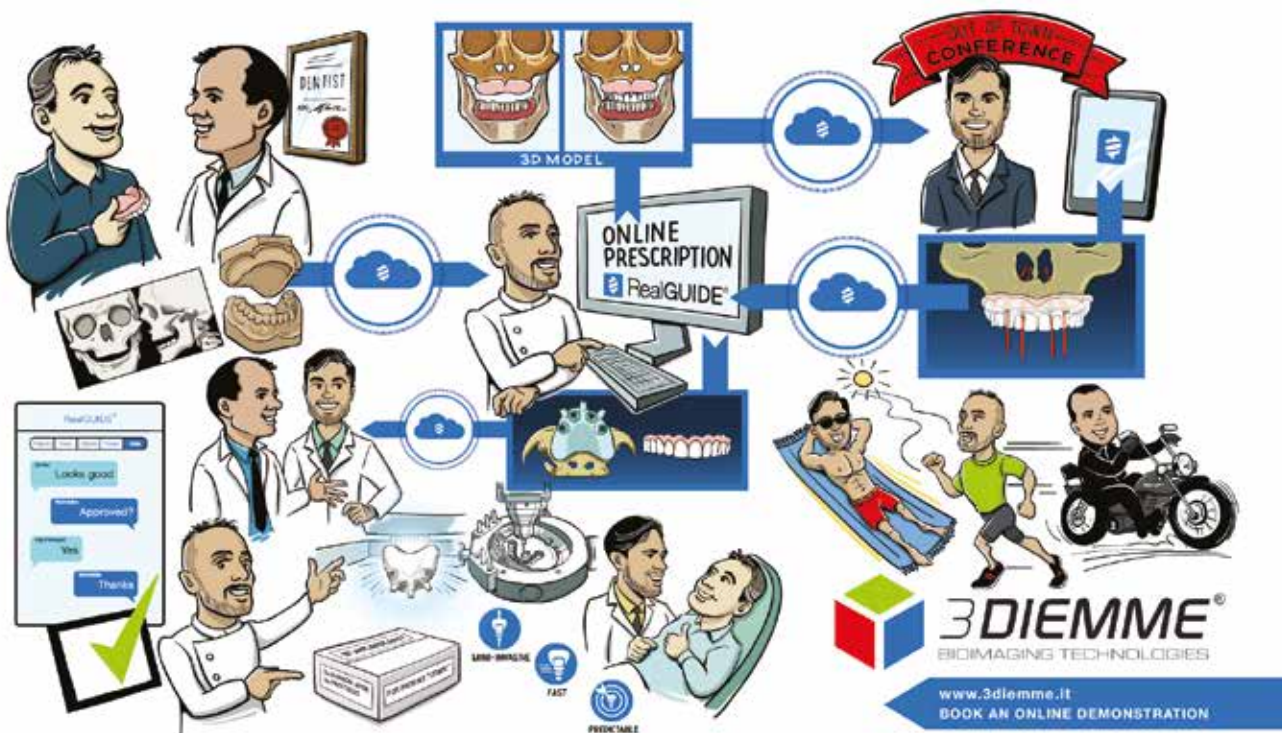
- **RealGUIDE START:** free application to collect all Patients' data (DICOM images from CBCT/CT, STL files from intra-oral scanners or laboratory models acquisitions, pictures and documents), visualize them and manage the data upload to the cloud server and mobile applications

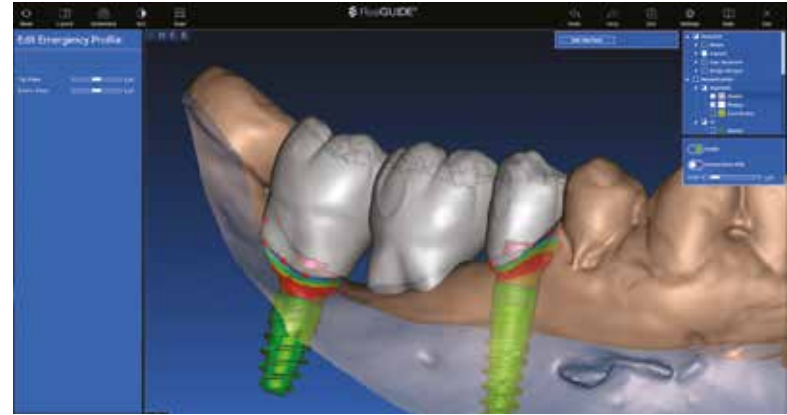
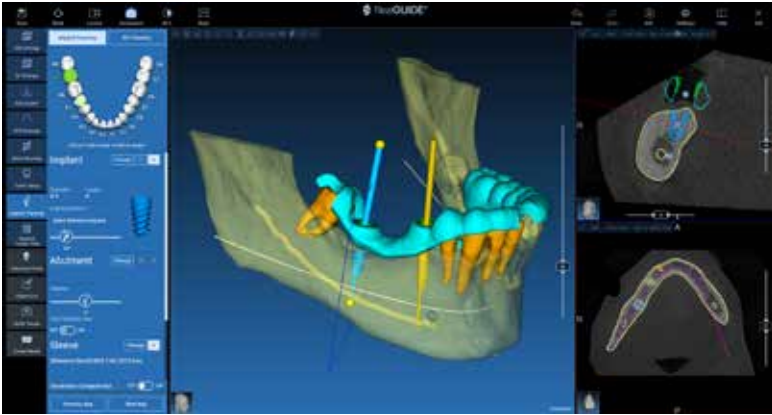
- **RealGUIDE APP:** easily view, plan, share and manage the digital treatment with the tip of your fingers, thanks to the beautiful and simple APP design

- **RealGUIDE PRO:** advanced 3D diagnosis, semi-automatic virtual teeth extraction and bone segmentation tools, implants planning from a full library including prosthetic components

- **RealGUIDE DESIGN:** surgical guides modelling, STL files processing, individual trays and models with implant analogues holes management

- **RealGUIDE CAD:** prosthesis design, including wax-up, crown and bridges on teeth and implants, immediate loading prosthesis and reinforcement bars, custom abutments and much more!





The new RealGUIDE software suite involves, through the cloud, all the figures in the digital dentistry world: the radiologist can perform a full diagnosis (also thanks to the new RealBODY 3D engine) and prepare the exam for the dentist that can easily share it with his laboratory to integrate the prosthetic planning and optical scans to the project. Starting from the complete virtual patient (including bone, gums thickness and ideal teeth positions) the doctor can plan the implants on his iPad or iPhone and share the project with other colleagues and the Patient as well. The final project can be sent back to the laboratory for the surgical guide modelling in the DESIGN module, as well as the provisional prosthesis modelling with the CAD module or with any CAD/CAM system, thanks to the open project data exported in STL format from the 3DIEMME suite. The new CAD module, presenting many innovative features compared to the similar software packages on the Market, is also available as a stand-alone product and it includes ALL the prosthesis modelling related features in a single license.

The licensing system, mainly based on a subscription service model, is innovative and totally suited to the customer's needs, giving the chance to everybody to enter the digital dentistry world without huge software investments.

#### **Main functions of the RealGUIDE APP:**

- 2D/3D DICOM viewer (diagnosis and communication with the Patient)
- STL files viewer (from intra-oral and desktop scanners and for lab communication)

- **Implants planning** for guided surgery (and project uploading for surgical guides and immediate loading prosthesis manufacturing)
- Pictures viewer (JPG/BMP/PNG...)
- Online sharing and real-time chat with user defined private groups and social networks
- CLOUD data management and offline processing on any device (PC/MAC/mobile devices)
- Automated email and push notifications management for the project development status communication

The full suite can be customized and rebranded (OEM versions) for all the implant, CBCT and CAD/CAM Companies that want to integrate the most revolutionary digital dentistry application into their existing business model. In particular, thanks to the CLOUD environment, 3DIEMME can integrate the clinical projects management into the Company ERP and CRM systems; in this way all information connected with the planning is directly sent to the dedicated Company Department in an uninterrupted workflow, reducing the risk of losing important data and involving the Production, Marketing, Administration and Sales Departments at the same time.

3DIEMME offers a full set of solutions that starts from providing the digital modelling service worldwide to creating dedicated software products and workflows to international organizations, based on long term partnerships.

[www.3diemme.it](http://www.3diemme.it) - [www.realguide.it](http://www.realguide.it)  
[biomed@3diemme.it](mailto:biomed@3diemme.it)



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# Implant 3D Software



Dental Implant  
Simulation

&

In House surgical  
guide creation



Media Lab Inc.  
Piazza IV Novembre, 4 - Milano - Italy  
Ph. (+39) 01.87.51.77.75 • info@mlsw.com

[implant3d.com](http://implant3d.com)

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# MediaLab

## Implant 3D GuideDesign

### Guided Surgery Solutions

*Discover our complete solutions for guided surgery such as planning software and surgical guide design software with open system with more than 150 implant manufactures.*

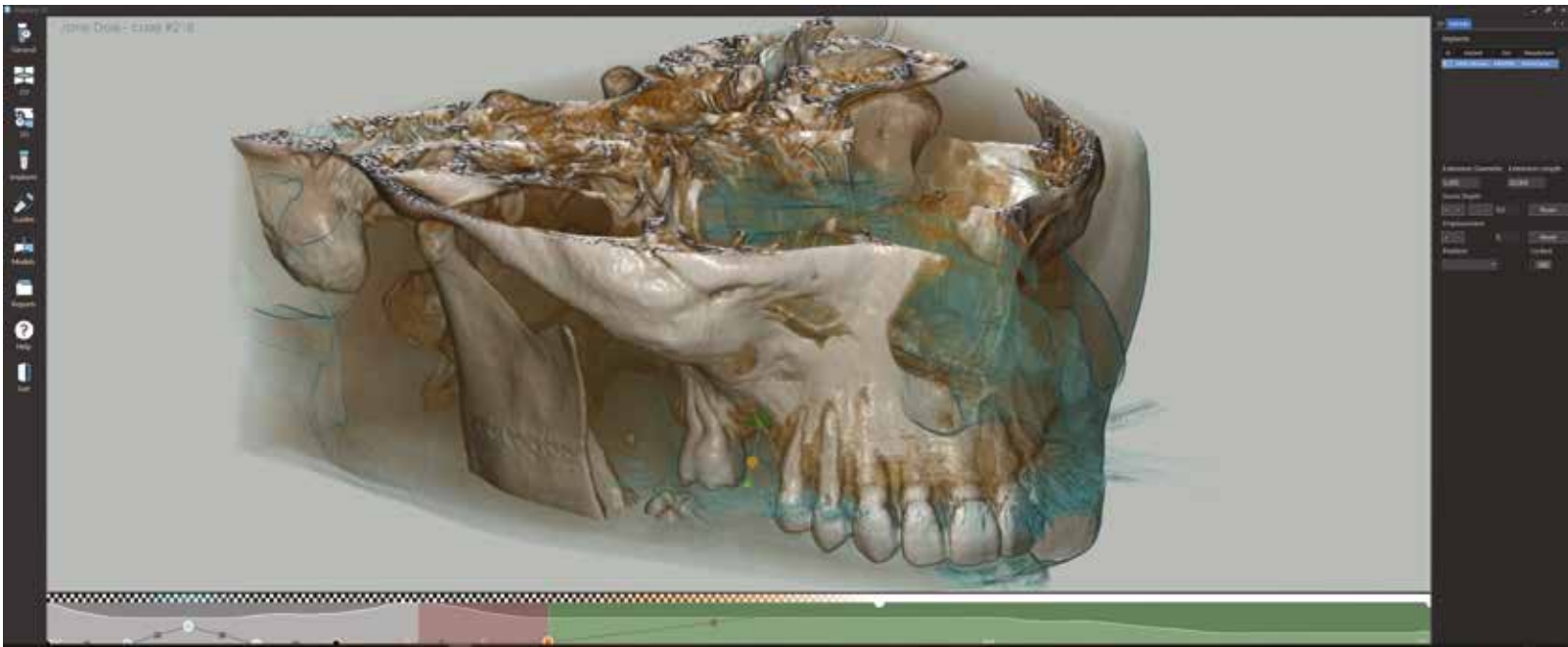
**Media Lab Inc.** is a company which has been present in the market for more than 25 years and **produces software** for the medical and dental industry. Our Implant 3D and GuideDesign software are both **CE and FDA certified**.

Media Lab Inc. is present at International fairs such as IDS in Cologne, AEEDC in Dubai, IDEM in Singapore and ExpoDental Meeting in Italy. The international presence of the company coupled with the desire to offer complete solutions for guided surgery such as planning software and surgical guide design software (open system with more than 150 implant manufactures), means we are always looking for reliable partners as distributors.



**Implant 3D** is a software that allows you to perform three-dimensional implant simulation directly on your personal computer. It simulates the positioning of implants on two-dimensional and three-dimensional models, identifying the mandible nerve, tracing panoramics and sections of the bone model, displaying the three-dimensional bone model with the ability to calculate bone density. By using Implant 3D, **the dentist can plan implant-prosthetic surgery** more safely, efficiently and quickly.

**GuideDesign** is a module of the Implant 3D software that allows the **design of a surgical template** for performing implant-prosthetic interventions in guided surgery. GuideDesign allows you to create



gums supported, teeth supported, bone support surgical guides. With a **few clicks** of the mouse you can obtain an extremely precise and customized **surgical guide**. Simply by selecting the edge of the surgical guide and the **type of sleeves** to use, GuideDesign **generates the STL file** ready to be printed with a **3D printer**.

Advanced features allow you to create inspection holes and add text to better identify the printed template. GuideDesign allows you to export perforated model for analogs based on the used implant system and the size of the analogs.

#### What about Guided Surgery Solutions?

The Guided Surgery Solutions **ModelGuide** has Implant 3D e GuideDesign as its foundation. The ModelGuide method has the objective of giving patients aesthetically pleasant and perfectly functional teeth, eliminating any problems that may have arisen in the past when insertion of one or more dental implants would have created long-term surgical problems with serious inconvenience for the patient.

Following market requirements, each day our company implements strict professionalism to provide the clinic with a simple,

cheap and efficient solution for guided surgery. At the same time, it is always committed to research and development into new technologies to always provide a state of the art product.

It is now already possible to perform an integration with CAD/CAM software like an intraoral scanner, import and export Optically Scanned Plaster Model and import prosthesis.

In the **new Implant 3D software release 9.0** there will be many **important innovations!**

The digital workflow will be completed with the integration with one of the most important CAD in the dental market.

There will be a new **implant zygomatic library**, the integration with a **Smile Design software**, the protocol of **DoubleGuide for post extractive implants** and a guided surgical kit for **guided sinus lift**.

#### Media Lab Inc.

Piazza IV Novembre 4, Milan (Italy)

Ph. (+39) 01.87.51.77.75

[www.implant3d.com](http://www.implant3d.com)

[www.bionova.bio](http://www.bionova.bio)

[info@implant3d.com](mailto:info@implant3d.com)



# RESHAPE the FUTURE with Unitite

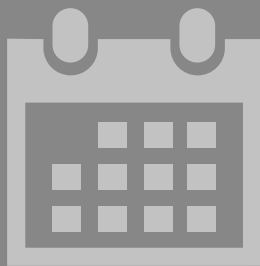
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*with hydroxyapatite nanocrystals.*

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*that accelerates the  
osseointegration process.*

**HEALING CHAMBERS**  
*that increases the contact  
between the clot and the  
implant, favoring the  
speed and quality  
of the healing process.*

**HYBRID MACROGEOMETRY**  
*suitable for all bone densities.*





**CONGRESSES**



**14-17 02 2019**

**IAOCI 2019 - The 8th International Academy of Ceramic Implantology Congress**

Tampa, FL - USA  
[www.iaoci.com](http://www.iaoci.com)

**28 02 / 01 03 2019**

**25th World Congress on Dentistry and Oral Health**

Berlin - Germany  
[dentalevent.conferenceseries.com](http://dentalevent.conferenceseries.com)

**28 02 / 02 03 2019**

**ICOI Central America Symposia 2019 - International Congress of Oral Implantologists**

San Jose - Costa Rica  
[www.icoi.org/meetings-and-symposia](http://www.icoi.org/meetings-and-symposia)



**23-25 05 2019**

**ICOI Europe 2019 - International Congress of Oral Implantologists**

Baden - Germany  
[www.icoi.org/meetings-and-symposia](http://www.icoi.org/meetings-and-symposia)

**15-17 08 2019**

**ICOI World Congress 2019 - International Congress of Oral Implantologists**

New York, NY - USA  
[www.icoi.org/meetings-and-symposia](http://www.icoi.org/meetings-and-symposia)

**26-28 09 2019**

**EAO 2019 - European Association of Osseointegration Congress**

Lisbon - Portugal  
[eaocongress@clq-group.com](mailto:eaocongress@clq-group.com)  
[www.eao.org](http://www.eao.org)



**03-06 10 2019**

**PCSO 2019 - Annual Session -  
83rd Pacific Coast Society of  
Orthodontists Annual Meeting**

Honolulu, HI - USA

[www.pcsortho.org/events/pcso-83rd-annual-session](http://www.pcsortho.org/events/pcso-83rd-annual-session)

**10-12 10 2019**

**Dental World Hungary 2019 - 19th edition**

Budapest - Hungary

[www.dentalworld.hu](http://www.dentalworld.hu)



**26-30 11 2019**

**ADF 2019 - The French Dental Association  
Annual Meeting**

Paris - France

[www.adfcongres.com/en](http://www.adfcongres.com/en)

# SMART LASER

## DISCOVER THE BEAUTY OF LIFE



- Bloodless surgery
- Less anaesthesia
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THERAPEUTIC BENEFITS OF USING **SMART<sup>SM</sup> PRO LASER**





# **IMPLANTBOOK REPORT**



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**ImplantBook** was born for the increasing interest showed in the last few years towards the dental implantology.

It has become an essential tool: **distributors and dentists** love the **accessibility** of the information and companies the incredible visibility.

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# Conometric prosthetics

Fast & easy chairside solution with no cement and no screw  
by conometric fixation with patented lifting technology



Patent WO2018167594

**ROOTT**  
open implant system

by **TRATE**

SCAN FOR VIDEO



AND MORE INFO

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