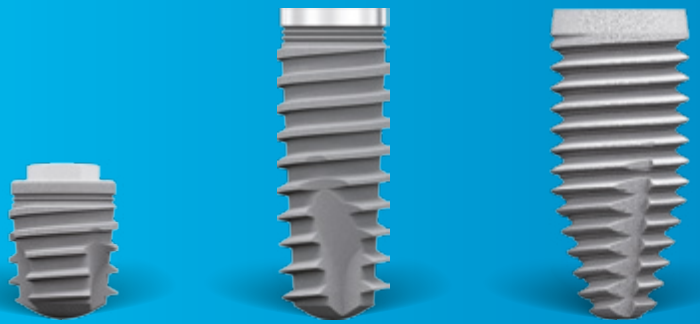


WINSIX[®]
PERFORMING IMPLANT SYSTEM 



MAKING IMPLANTOLOGY SIMPLE

A single, complete and scientifically proved
Implant System since 1995.

BIOSAFIN



100% ITALIA



**WINSIX is a
registered trade mark in
58 countries worldwide**

Albania	Germany	Nederland
Austria	Japan	Poland
Azerbaijan	Greece	Portugal
Belgium	Guatemala	United Kingdom
Belarus	India	Czech Republic
Bosnia and Herzegovina	Iran	Romania
Brazil	Ireland	Russia (Federation)
Bulgaria	Island	Serbia
Canada	Israel	Slovakia
China	Italy	Slovenia
Cyprus	Latvia	Spain
Colombia	Lebanon	Sweden
South Korea	Lihtuania	Swiss
Croatia	Luxembourg	Tunisia
Denmark	Macedonia	Turkey
Egypt	Malta	U.S.A.
United Arab Emirates	Moldova	Ukraine
Estonia	Montenegro	Hungary
Finland	Norway	
France	Oman	

WINSIX Product Certifications



Registered trademarks:



1995 **WINSIX**[®]
1998 Free Tense System[®]
2001 Bioactive Covering[®]
2001 Free Lock[®]
2007 Full Contact Covering FCC[®]
2009 Flat Shift System[®]
2009 Micro Rough Surface MRS[®]
2010 Extreme Abutment[®]
2010 Teeth Just On 4[®]
2010 Teeth Just On 6[®]
2010 Torque Type[®]
2011 Clip Abutment Bar CAB[®]
2012 WINClinic[®]
2013 Double Conical Connection DCC[®]
2013 WINPeek[®] Abutment
2016 Extreme Abutment Multifunctional[®]
2016 Linea KAPPA[®]



2009 BioBone[®]
2009 Easy Surgery[®]
2015 Easy Weld[®]
2015 Easy Light[®]
2015 Easy Physio[®]
2017 BiAligner[®]

IMPLANT SYSTEM

WINSIX[®]
PERFORMING IMPLANT SYSTEM

WINSIX Implant System found its scientific bases in 1995. Since then, we have never stopped our Research and Development activity for new devices, in order to make implant rehabilitations more simple for the dentist, performing in terms of aesthetic and functionality and mini invasive for patients with specific needs.

WINSIX is the result of team work, in which engineers, biologists and experienced specialists participate, with deep knowledge of the sector and a clear view of dental activity future.

The entirely Italian production is directly controlled by the company, following specific quality parameters, placing its product among high-quality devices brand.

The solid scientific background, the constant use and clinical development, enabled us to obtain prestigious international certifications, and trust from a more wide WINSIX user community.

Following trademarks can be mentioned without ® that is anyway implied.

WINSIX, Free Tense System, Bioactive Covering, Free Lock, Full Contact Covering FCC, Flat Shift System, Micro Rough Surface MRS, Extreme Abutment, Teeth Just On 4, Teeth Just On 6, Torque Type, Clip Abutment Bar CAB, WINClinic, Double Conical Connection DCC, WINPeek Abutment, Extreme Abutment Multifunctional, Linea KAPPA, BiAligner.

RESEARCH

MORE THAN 300 PUBLICATIONS DOCUMENT THE COMPANY COMMITMENT IN THIS DIRECTION SINCE 1995.



SCIENTIFIC RESEARCH FOR BETTER RESULTS YEARS 1995 - 2019

Scientific research activity and the development of new technologies are conducted in collaboration with prestigious Research Centres and Universities. The goal is to provide dentists with innovative and safe devices, in order to satisfy Patient's needs.



ENGINEERING

ITALIAN KNOW-HOW

BIOSAFIN is specialized in designing, production and marketing dental implants, customized orthodontic devices, and oral surgery units.

Our know-how is based on Scientific and Technological Research since 1995, and it is subject of continuing investments.

TECHNOLOGY

PRODUCTIVE HIGH QUALITY ENSURES PRECISION AND RELIABILITY, EVEN IN AFTER-SALES SERVICE AND OVER THE YEARS.

From original implantology devices up to their production and distribution, each operative step is supervised and follows certificated and tested working protocols. Every device benefits from RCT and RCP insurances.



BIOSAFIN is a Certified Company: **UNI ISO 9001** company which certifies the entire work process, guaranteeing compliance with the quality standards considered to be optimum for the protection of the product user - the professional - and the user - the patient. **UNI CEI EN ISO 13485** is specifically relevant to the Quality of Medical Devices.

WINSIX SURFACE

Micro Rough Surface®

2009 - 2019: 10 years of continuous application to all WINSIX System Implants

WINSIX Micro Rough Surface presents a wrinkled morphology, produced by a process of subtraction, by sandblasting and acid etching of titanium.

This type of surface has several years of a wide and documented clinical application, that underlines optimization of osseointegration times, caused by three-dimensional geometry of its nanostructure and osteoconductive process favoured by scaffold specialities.

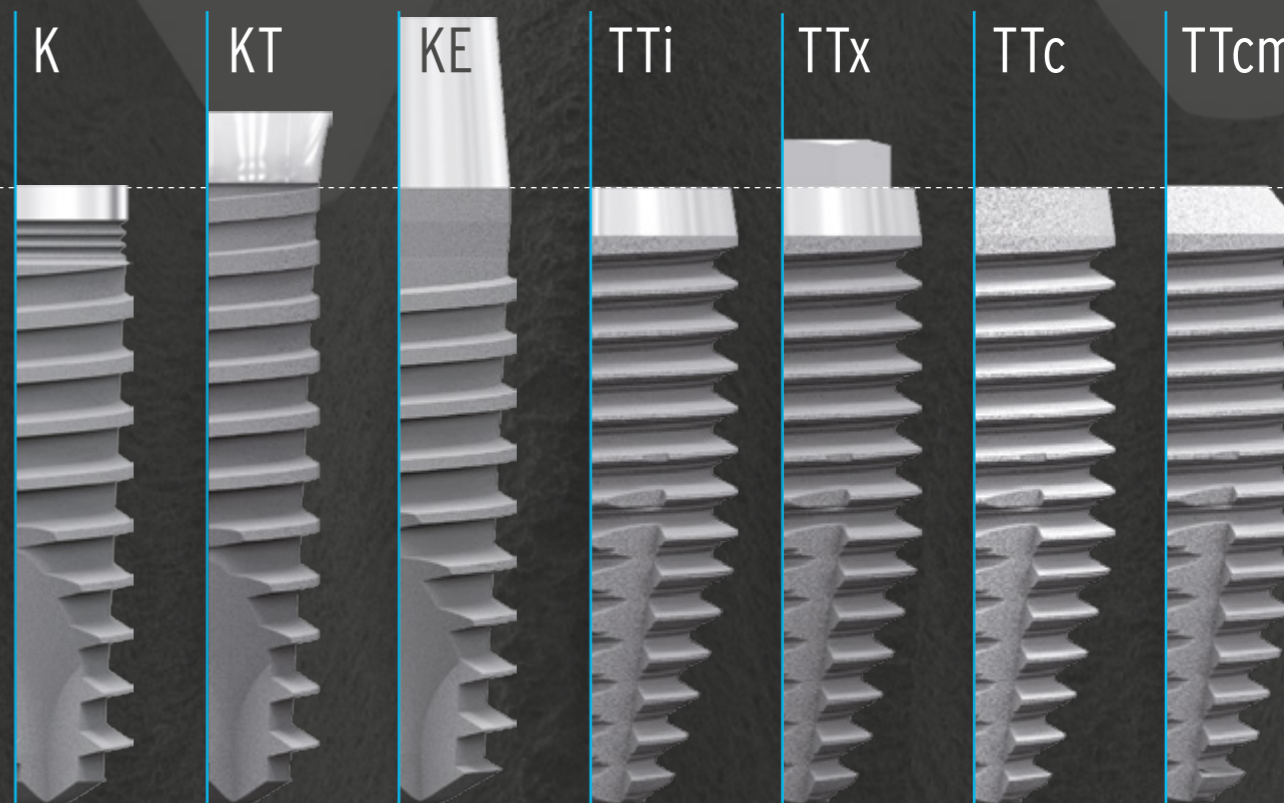
BEST QUALITY AND HIGHER BONE QUANTITY AROUND THE IMPLANT, obtained from Micro Rough Surface regular roughness, which enable optimal times and regenerative processes in favour of osseointegration.

MAG 721x:
regularity of
MRS surface

Bone in active phase
of remodeling on
MRS surface.

MRS implant surface: formula and know-how have never changed, have been reconfirmed through the years, in scientific research and an daily clinical application.

It characterises EVERY implant of WINSIX system, that, thanks to its reliability, offers maximum safety to implant prosthetic treatments.



Bibliographical References

- Macroscopic and Microscopic evaluation of a new implant design supporting immediately loaded full arch rehabilitation - S.Tetè, V.Zizzari, A.De Carlo, B.Sinjari, E.F.Gherlone Annali di Stomatologia Vol.3, n.2 - 2012
- Influence of Novel Nano - Titanium Implant Surface on Human Osteoblast Behaviour and Growth - S. Tetè, F.Mastrangelo, R.Quaresima, R.Vinci, G.Sammartino, L.Stuppia, Enrico F. Gherlone - Implant Dentistry Vol.19, n.26 - 2010
- Isolation of osteogenic progenitors from human amniotic fluid using a single step culture protocol - I. Antonucci, I. Iezzi, E. Morizio, F. Mastrangelo, A. Pantalone, M. Mattioli Belmonte, A. Gigante, V. Salini, G. Calabrese, S. Tetè, G. Palka, L. Stuppia - SILENCE a Journal of RNA regulation - 2009
- In vitro behaviour onto different titanium surfaces of osteoblast-like cells obtained from human dental pulp - S. Tetè, F. Mastrangelo, V. Zizzari, G. D'Apolito, N. Fiorentino, U. Desiato, M.T. Sberna, R. Quaresima, L. Stuppia, R. Vinci, E.F. Gherlone - Atti del 7th Annual Meeting of ISSCR International Society of Stem Cell Research, Barcelona, July 2009
- Novel Protocol of Osteogenic differentiation from amniotic fluid cells S. Tetè, F. Mastrangelo, M. Tranasi, V. Zizzari, I. Antonucci, G. D'Apolito, T. Marchese, R. Vinci, L. Stuppia, E.F. Gherlone - Atti del 7th Annual Meeting of ISSCR International Society of Stem Cell Research, Barcelona, July 2009
- Interfaccia osso - impianto nei differenti tipi di carico degli impianti dentali S. Tetè, G. D'Apolito, F. Mastrangelo, R. Vinci, E.F. Gherlone - Atti del III Expo di Autunno, Università della Lombardia, 27 - 28 Novembre 2009
- Valutazione della capacità osteogenetica di hafscs ottenute da liquido amniotico - S. Tetè, U. Di Tore, V. Zizzari, L. Stuppia, F. Zarone, E.F. Gherlone - Atti del III Expo di Autunno, Università della Lombardia, 27 - 28 Novembre 2009

WINSIX: a single and complete Implant System

MAKE IMPLANTOLOGY SIMPLE!

Synergy and efficiency are guidelines for Research and Development activities of WINSIX Implant System.

With the goal of providing increasingly performing devices which adapt to current rehabilitative needs, implant lines which compose WINSIX System are compatible with each other and they can be applied using the same Surgical Kit and the same instruments.

Implantology becomes an easy clinical practise, reliable for the dentist and his assistants, who will learn the sequences in order to use instruments and implants, which have different indications.

A wide range of INTEGRATED PROSTHETIC COMPONENTS makes a large number of solutions possible, regardless of the implant type or connection. Innovative devices for impression transfer guarantee high precision and device loyalty.

Result of high technology and in-depth studies related to efficiency and synergy in dental clinic, WINSIX is an elected system for operative linearity and great results.

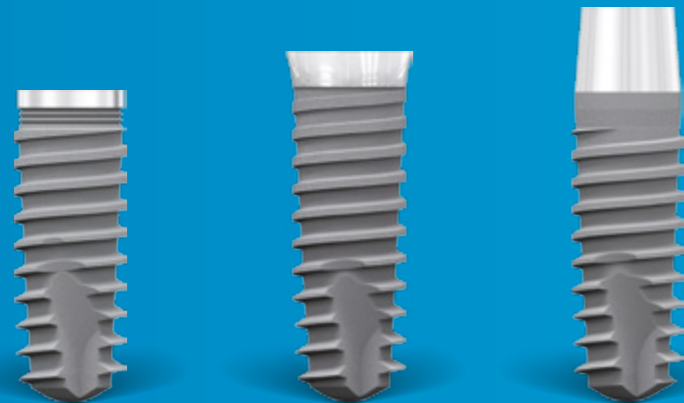
KAPPA line

Free Lock internal hexagonal connection

K

KT

KE



TORQUE TYPE Line

4 different connections with the same implant body

TTi

internal hexagon
Free Lock

TTx

external hexagon

TTc

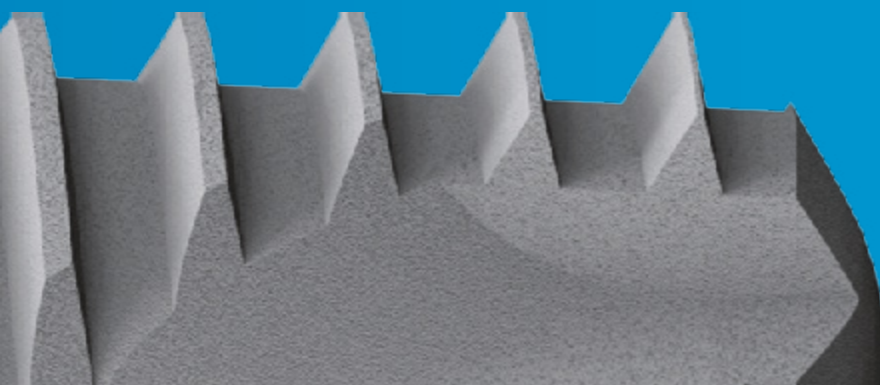
conical

TTcm

morse taper



Single MRS Surface



WINSIX implant are made of commercially pure GRADE 4 titanium, coming from controlled and certified mining sites. TTcm is made of GRADE 5 titanium. WINSIX original Prosthetic accessories are made of GRADE 5 titanium coming from controlled and certified mining sites. Surgical instruments are made of AISI630 surgical steel.

SHORT Line

4 Connections - different implant collars - different macromorphologies of the implant body for various clinical needs and habits

Kx

external hexagon

KE

internal hexagon
Free Lock

TTx

external hexagon

TTc

conical

TTcm

morse taper



KAPPA Line

targeted management of soft tissues

KAPPA line has been on the market since the launch of WINSIX system and is still one of the main choices of the dentist, confirming its clinical - scientific value over the time. Today this line has been enriched with KE implant - with complementary characteristics - that complements and broadens choice possibilities.

KAPPA line offers 3 implant types with the same implant body, same internal hexagon connection, but different types of collar for a differentiated and optimal management of soft tissues.

3 different implant collars same implant body same Free Lock internal hexagon connection

MACROMORPHOLOGY

VARIABLE GEOMETRY

THREADS vary progressively from squared to triangular in order to facilitate vertical progressive micro-expansion

VARYING DEPTH

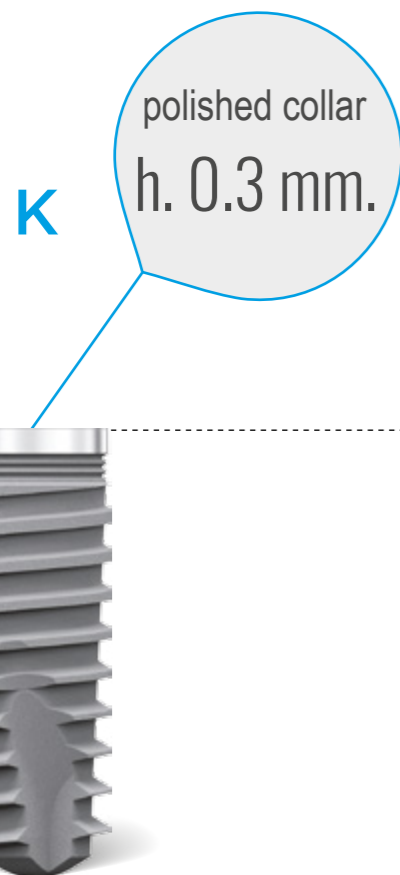
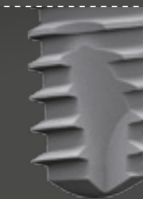
THREADS vary in depth to facilitate horizontal progressive micro-expansion.

OPTIMAL STABILITY

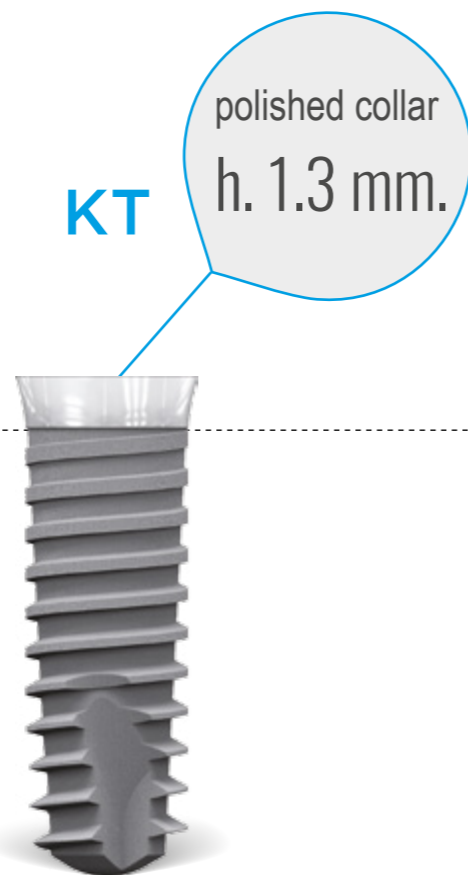
In every type of bone, thanks to the undersized apex of 1.8mm and to osteotomic threads. Excellent also for immediate load.

DISCHARGE GROOVES

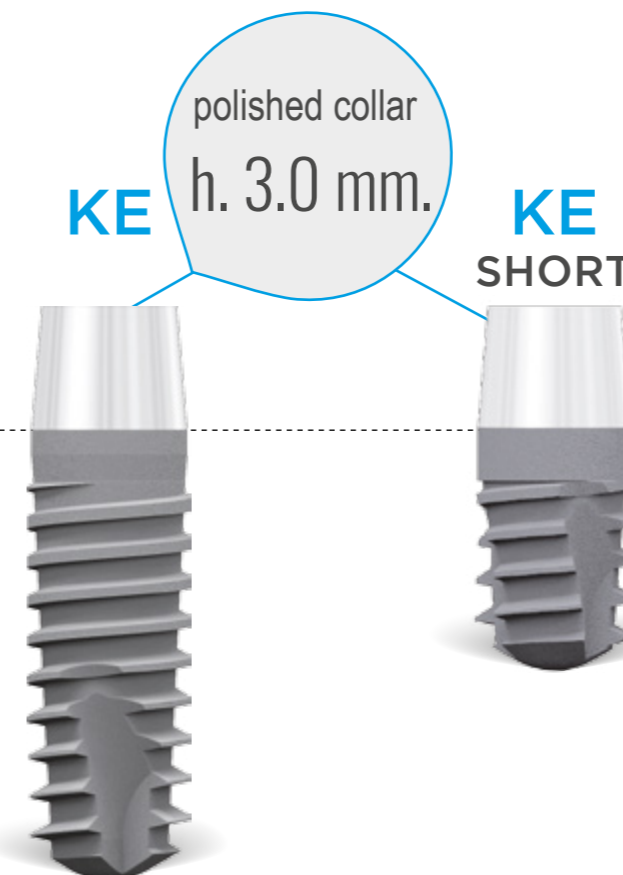
They are wide and deep for the bone fragments deposit during screwing phase, and clot formation.



polished collar
h. 0.3 mm.



polished collar
h. 1.3 mm.



polished collar
h. 3.0 mm.

KE
SHORT

Kx
SHORT

Crestal module with microgutters for a better bone stability in crestal zone and consequent excellent aesthetic result

Crestal module with the platform that flares to the following prosthetic diameter. Ideal to prosthetize directly on implants in multiple screwed prosthesis. It merges functionality and cost reduction. Useful in distal zone in order to reproduce prosthetic crown's anatomy, similar to the natural molar one.

Crestal module ideal for:

- fitting with closure directly on implant collar. It exalts aesthetic aspects at the highest level.
- direct fitting on implant with no transmucous prosthetic abutment. It merges functionality and cost reduction, respecting soft tissues' biological width.

Torque Type Line

immediate rehabilitations and innovative techniques

TORQUE TYPE line is designed to place implants in fully edentulous rehabilitations. The macromorphology of the implant body is carefully balanced between the upper part with a truncated cone shape, and the apical part, which is highly tapered, with an osteotomic effect, that favours implant placement even in case of bone's low availability, according to Just on 4/6 Technique.

4 different connections with the same implant body

MACROMORPHOLOGY

BIO-ENGAGING THREAD

Double THREAD with double principle for a easy implant placement with half of the spins.

The gutter on the lower part decompresses the bone dispelling forces and facilitating clot deposit and bone frustuler, simplifying cellular neoformation.

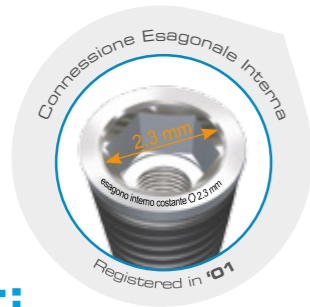
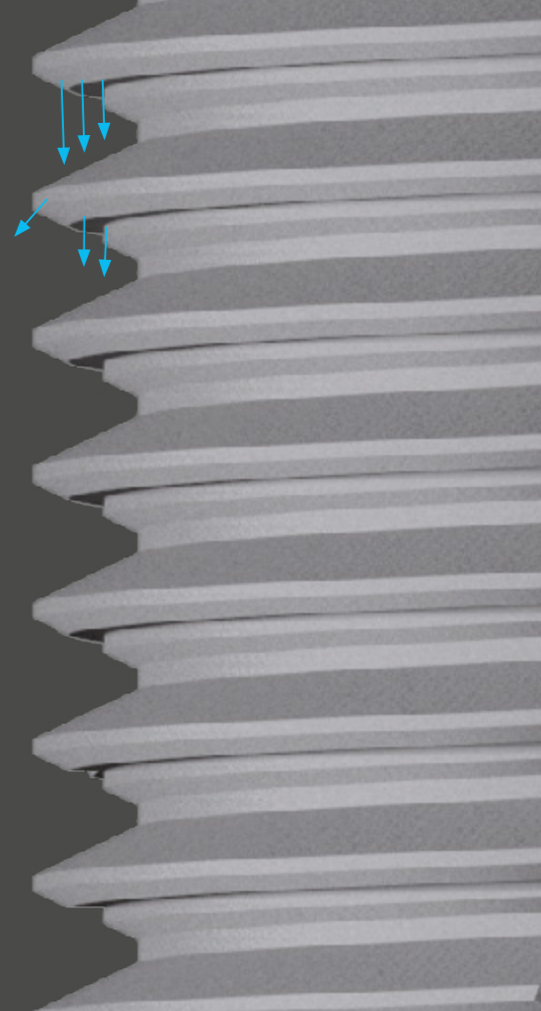


OPTIMAL STABILITY

In every type of bone, thanks to the undersized apex of 1.8mm and to osteotomic threads. Excellent also for immediate load.

DISCHARGE GROOVES

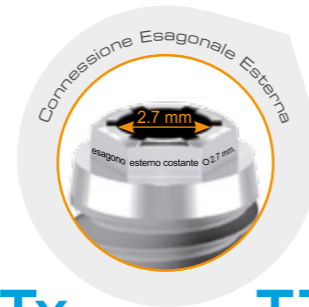
They are wide and deep for the bone fragments deposit during screwing phase, and clot formation.



TTi



Internal hexagonal connection
Free Lock connection
(the same of KAPPA line).



TTx

TTx
SHORT

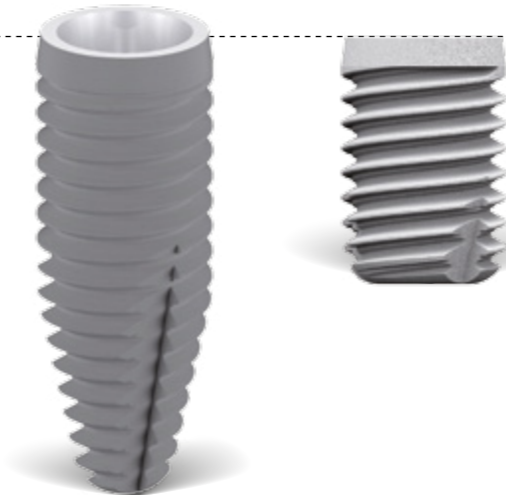


External hexagonal connection
Ideal for Just on 4/6 technique.
Designed for CAB device rehabilitations.



TTc

TTc
SHORT



Internal conical connection with
Antirrotational hexagon (conicity 3°)
Indicated for prosthetic superstructures
with conical activation



TTcm

TTcm
SHORT



Morse Taper connection (conicity 1.5°)
indicated for single tooth or small
teeth with no passing screws

WINSIX Guided Surgery

Semplicity and predictable results in implant prosthetics

Guided Implant Surgery technique allows, once anatomic and patient's health conditions are verified, implants placement through a pre-packaged surgical guide by using Flapless surgery without sculpting mucoperiosteal flaps.

Software planning - assisted by 3D imaging of implant placement, enables to plan the most suitable surgery, the number and the position of the implants, and the right prosthetic solution.

The protocol processes patient data, which are acquired with digital techniques, formulating adequate therapeutic solutions thanks to medical imaging.

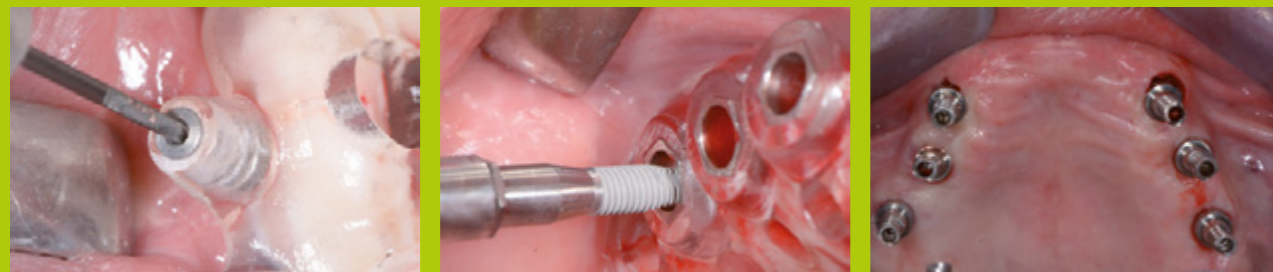
In few hours the patient can be discharged, with little post-surgery impact and great success.

WINSIX System provides Guided Surgery KIT, WINGUIDE software, simple and intuitive, and dedicated Services and Assistance.

Virtual models of WINSIX Implants and of the relative prosthetic components are available in the most important libraries of CAD CAM planning.



IN IMMEDIATE LOAD CASE, prosthetic devices can be realized with CAD CAM technology, or using a pierced model in support of Surgical Guide. All this corresponds to the digital planning previously made, making it available during the surgery and ready to be fixed.



Implant and specific instruments for Guided Surgery

WINSIX proposes 3 options of implant shapes with 3 types of connection, manageable with a single Kit for Guided Surgery, where there are all the drills which are located in the logic order of use, together with the instruments necessary for surgery phases of implant placing and screwing.



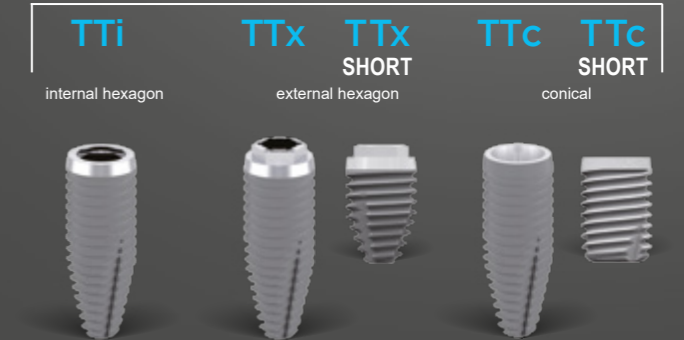
KAPPA line

3 different collars with the same implant body



TORQUE TYPE line

3 different connections with the same implant body



A step forward for your profession

Thanks to the digitalization of the treatment, the dentist can show a surgery preview to the Patient, explaining clearly therapeutic choices.

Sharing these phases favours communication between the two, increasing therapeutic value of the surgery, and also trust towards the Dentist.

Specific services and products to lead you in this path

Digital workflow develops in three sequential steps during which the dentist will have total assistance by the company.



CAB: Clip Abutment Bar

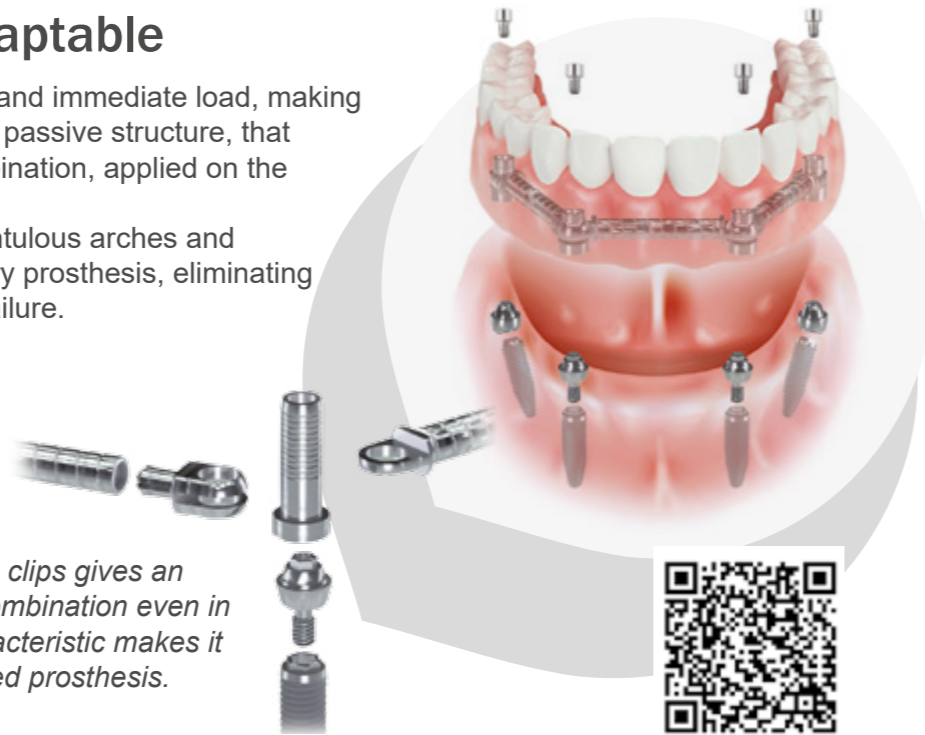
Specific Techniques and Technologies for Full-Arch immediate rehabilitations.

CAB is an adaptable device which allows fixed and stable prosthesis on implants, in few hours, and eventually reusing removable prosthesis already available. Its versatility and application simplicity are appreciated by Dentists, that can discharge the patient with the prosthesis, complete in terms of functionality and aesthetic.

Simple and entirely adaptable

CAB is used for Just on 4/6 techniques and immediate load, making implants more robust in the so obtained passive structure, that consists of **Clip - Abutment - Bar** combination, applied on the prosthesis. This allows rehabilitations of entire edentulous arches and represents a reinforcement for temporary prosthesis, eliminating fracture risks that may lead to implant failure.

Cylindrical and elliptical geometry of the clips gives an extreme versatility of Clip - Abutment combination even in case of strong disparallelism. This characteristic makes it ideal for immediate load multiple screwed prosthesis.



scan this QR code and see the video

DECEMBER 2010 - DECEMBER 2019 9 YEARS CASES FOLLOW-UP OF JUST ON 4 TECHNIQUE

the systematic use of this technique at U.O.C. of Dentistry of I.R.C.C.S. San Raffaele Hospital allowed rehabilitations of 305 edentulous arches for a total of 1384 implants.

IMPLANT SUCCESS / SURVIVAL				
Placed Implants	Failure of Osseointegration	Replaced implants	Survival	Success
1384	1,72%	22	100%	98,45%

PROSTHETIC COMPLICATIONS				
	Type	Incidence	Survival	Success
with no CAB®	Fracture of 6 temporary prosthesis	14,6%	100%	85,4%
with CAB®	1	0,01%	100%	99,99%



WINSIX DIGITAL POINT



Your customized prosthesis

WINSIX DIGITAL POINT is the new area of customized production of your prosthesis with CAD CAM technologies.

Here we receive digital or analog impressions of your patient - with or without wax up - and they are immediately processed by our team.

Each case is planned following dentist's indications, and then it is realized and sent in a short time.

BIOSAF IN deals with the realization of titanium semi-finished frameworks, while functional aesthetic finishes are responsibility of the dental technician.



CUSTOMIZED ABUTMENTS CUSTOMIZED | INDIVIDUAL

Abutments are made of grade 5 titanium, using most advanced technologies and following the dentist's guidelines. Each case is treated with collaborators' accuracy in order to get the maximum customization. Production is made by high precision machine tools which guarantee a high level of precision and accuracy, in compliance with WINSIX standards.

SCREWED BRIDGES WITH DIRECT TECHNIQUE

Multi-unit bridges are made of grade 5 titanium and they can be covered with ceramic or compound. They are planned through advanced digital solutions and they guarantee high level precision and accuracy and an adaptation with no tensions.



LINEAR BARS

Designed with advanced applications for overdenture, which can be utilized to put latches or rubbing pins. Bars can be screwed with direct technique on EA and EAX Extreme Abutments connections or directly on implant platform. They are made with industrial technology, in compliance with WINSIX standards.

SCREWED CROWNS

With direct screwed technique we can build titanium grade 5 structures for bonding techniques or for direct ceramic or polymer glass covering. Their individuation enables the building of emergency profiles, with a high level of functionality and aesthetic.



TORONTO

Toronto structures are made of single-piece titanium and with a sophisticated design. They are screwed with direct technique on EA and EAX Extreme Abutments connections or directly on implant platform. They have been designed with retentive pins and individualised profile, and produced with industrial technology which ensures a high precision connection and a homogeneous distribution of the loads.

Prosthetic Accessories

Synthetic Scoreboard

Temporary Prosthetics

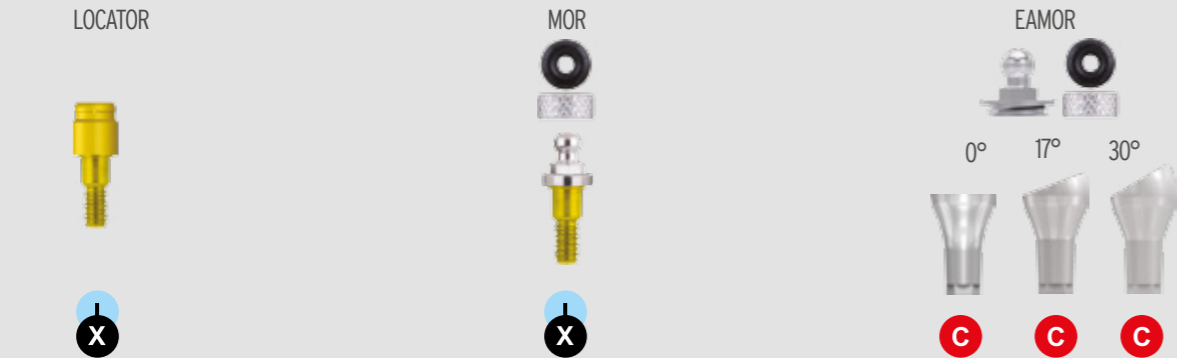
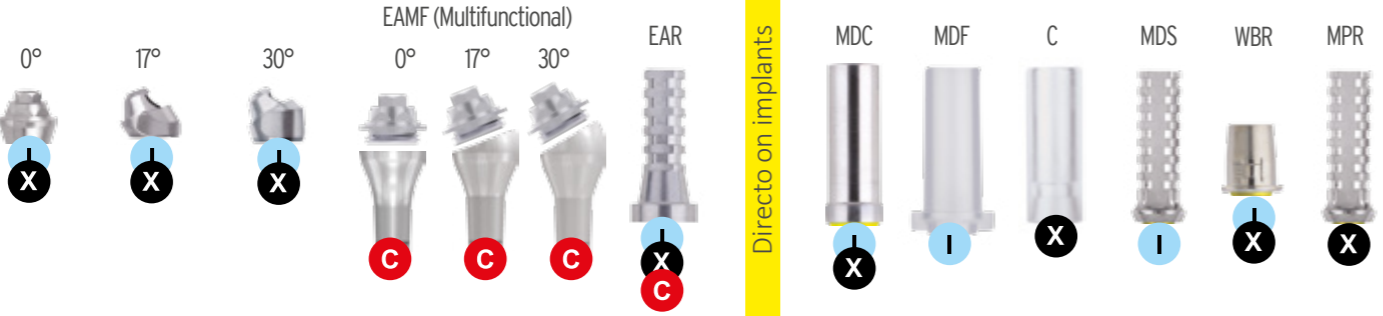
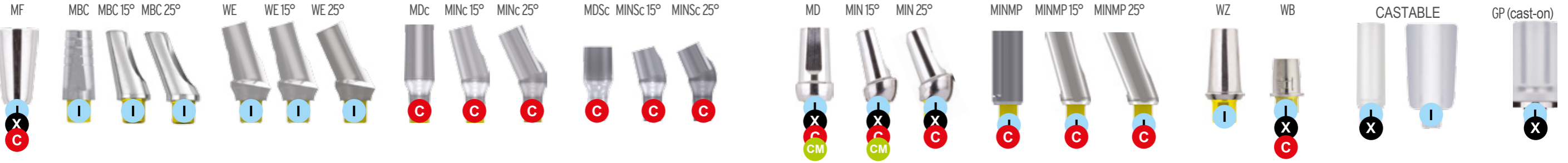
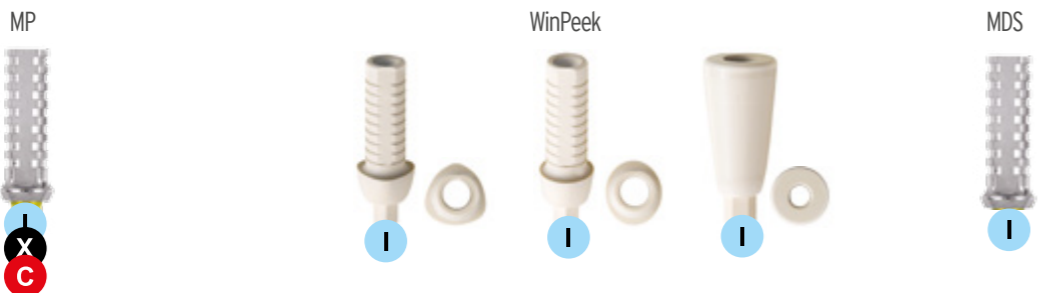
cemented restorations

Single screwed prosthesis

Multiple screwed prosthesis on abutments EA

CAB on EA abutments

Overdenture



- I for internal connection
- X for external connection
- C for conical connection
- CM for morse taper connection

Marketing for you

BIOSAF IN takes care of communication available to Patients directly on the Internet, so that the information on implant-prosthetic rehabilitations is correct and appropriate in the terms and solutions described

Company Internet site dedicated to the Patient, today in its second generation, always referring to WINSIX implant system, which has been always associated to high quality production, scientificity and research.

The dentist who chooses WINSIX makes a choice of quality and benefits from all the support which the Dental practise needs to show treatments to patients, assisted by communication tools for the waiting room.



Video for the waiting room
It is a quality dental practise!



Plaque for the Dental Practise



BROCHURE for the patient:
- Solutions on Dental Implant
- Immediate implants with JUST ON 4 Technique



Implant Card



Implantology Portfolio



Patient dedicated site
[www. implantologiawinsix.com](http://www.implantologiawinsix.com)

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BIOSAFIN



GLOBAL QUALITY

BIOSAFIN is a registered company:

UNI EN ISO 9001 which certifies the entire 360° work process guaranteeing compliance with the quality standards considered to be optimum for the protection of the product user - the professional - the end user - and the patient.

UNI CEI EN ISO 13485 specifically relevant to the quality of Medical Devices.

biosafin.com

WINSIX[®]
PERFORMING IMPLANT SYSTEM

WINSIX Product Certifications

