

EXTRAORAL IMPLANT SCREWS

Implant screws made in Ti gr4 with external hex connection, Ø 3.75mm of thread and Ø 5.5mm of flange with 6 conical holes.

Implant is available with 3.0mm of thread (length 4.5mm) and with 4.0mm of thread (length 5.5mm).



40VEF30 L = 4.5mm



40VEF40 L = 5.5mm

Implant screws in Ti gr4 with external hex connection, Ø 3.75mm of thread without flange.

Implant is available with 3.0mm of thread (length 4.5mm) and with 4.0mm of thread (length 5.5mm).



40VE30 L = 4.5mm



40VE40 L = 5.5mm

EXTRAORAL IMPLANTOLOGY

Extraoral implantology becomes necessary as a consequence of congenital malformations, or in the event of amputation due to neoplasm or trauma. In the past, these pathologies were treated by plastic surgery with implantation of reshaped costal cartilages or synthetic prostheses in subcutaneous pockets obtained for expansion of facial tissues.

Extraoral implants refer to titanium endosseous screws that are inserted to permanently retain or support facial prosthesis (auricular, ocular and nasal platform), better known as epithesis, i.e. faithful reproductions of missing facial structures in silicone, made by specialized technicians, based on an impression made directly on the patient. The titanium implant guarantees osseointegration in bone tissue, while the prosthetic components allow anchorage of the epithesis to the implant system.

This solution does not replace completely classic plastic surgery but it's a **solution in case of complications for neoplasia, especially in the presence of scars that prevent skin expansion, or for particular psychological needs of patients.** The clear and defined objectives that everyone, in Advan, knows and constantly pursues is to study and to generate implant systems that are easy to use, with high clinical performances and highly predictable long term results, also through the digital workflow. Advan is committed to deliver significant value to Patients and to Professionals, everyone is personally responsible and aware that quality of products touches the quality of life for thousands of lives every day.

www.advanimplantology.com

ADVAN PURSUES AN INNOVATIVE VISION OF IMPLANTOLOGY:



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The implant system is placed at the center of the **digital workflow** as an **essential requirement for any dental team** in order to meet at best the clinical needs of patients. With this purpose, **Advan is the result of the union of two companies with more than 25 years of experience in the design**, production and sale of dental implant products and with the aim of distributing their products in Italy and worldwide.

Advan can fully follow the development of a medical product, from concept to engineering, from mechanical tests to management of clinical trials up to certification and mass production: **all activities are carried out in compliance with international standards** and in particular ISO 13485:2012.

This certification is issued for the total quality system, all activities are therefore according to the operating procedures of the quality manual, the production processes constantly monitored to **ensure the quality and safety of the products and their traceability.**

All medical devices are placed on the market with the CE mark in accordance with the Legislative Decree n.46 of 24 February 1997 (in implementation of the European Directive MDD No. 93/42/EEC). **Operational activities are carried out in two separate production sites: precision machining at the plant, exclusively dedicated to implantable medical products, equipped with the most up-to-date CNC machines** for providing a product of superior precision, strictly duplicated for every lot and controlled with the most advanced systems of metrology (laser technology); surface treatments, assembly of semi-finished products, marking, decontamination and packaging are carried out at the production site equipped with a certified cleanroom for the production of implantable medical products (ISO 7 Class Clean Room).

Advan also provides its know-how and operative structures for companies or professionals who want to carry out their projects, offering all the necessary resources and support from the development of prototypes to production.

In Advan the experience is combined with the constant and meticulous attention concerning the materials development, the passion for innovation, the most up-to-date production technologies and the clinical guidelines, supported by the scientific contribution of our Opinion Leaders.



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Implantology Reinvented



EXTRA EXTRAORAL IMPLANT SYSTEM



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SURGICAL TOOLS

MARKING BUR

Starting drill allows to mark and drill the cortex. Marking bur is made in AISI 630.



07-FP11
L = 4.5mm

07-FP12
L = 5.5mm

COUNTERSINK

Implant screw may need a countersink to finish the osteotomy. The use of countersink avoids the tensioning of the cortical bone during the positioning of the implant screw.



07-FE01
L = 4.5mm
Without flange

07-FE02
L = 5.5mm
Without flange

07FEP01
L = 4.5mm
With flange

07FEP02
L = 5.5mm
With flange

SURGICAL TAP

In case of particularly compact bone could be necessary the use of a surgical tap to decrease the insertion torque of the implant screw. Available for 4.0mm implant diameter. Used with the mount driver.



02-MC37

PACKAGING

Extraoral implant packaging is characterized by double sterility, outer barrier provided by blister PET-G with sheet in TYVEK, internal barrier provided by the vial in polycarbonate. Implant screws are in contact only with elements in titanium, to avoid phenomena of bimetallism or contamination from contact with plastic material.



- The implant is packaged with preassembled mounting device. The cover screw is included in the package.
- The self-centering design of cover screw allows easy insertion and tightening.
- Use prosthetic driver HEX1.2 to tighten the cover screw.



PROSTHETIC COMPONENTS

STRAIGHT MUA not locking

Straight MUA allows multiple prosthetic rehabilitations, screwed on the implant with the threaded portion made of same material and with the same dimensions of dental prosthetic components.

It's possible to recreate the superstructure using castable abutments tightened over it.

Multi Unit Abutments is available in four different heights (3-4-5-7 mm). Made of Ti gr.5.



01-PE01
H = 3.0mm

01-PE02
H = 4.0mm

01-PE03
H = 5.0mm

01-PE04
H = 7.0mm

22ETR10

IMPLANT IMPRESSION POST

Impression post for pick-up technique is recommended for maximum accuracy also in case of implant disparallelism. Use prosthetic hex driver 02 EGM10 to tighten it.



01TPK10

MUA IMPRESSION POST

Impression post for straight MUA allows pick-up technique and is recommended also in case of implant disparallelism. Use prosthetic hex driver 02 EGM10 to tighten it.



01CPK10

MUA CASTABLE SLEEVE not locking

Castable sleeve is directly connected to the straight MUA through the retaining screw included in the package; it allows to recreate superstructure over the sleeve.



HEALING CAP

Healing cap for straight MUA. Made of Ti gr.5 and available in two different flange diameters (\varnothing 6.5mm \varnothing 14mm); it allows to fix dressing during the healing period after surgery. Retaining screw made of Ti gr.5 to connect healing cap to the straight MUA.



01GPE01
 \varnothing 6.5mm

01GPE02
 \varnothing 14.0mm

22EAN10

IMPLANT ANALOG

Impression post for pick-up technique is recommended for maximum accuracy also in case of implant disparallelism. Use prosthetic hex driver 02 EGM10 to tighten it.



01APK10

MUA ANALOG

Straight MUA analog replicating the implant with straight MUA tighten on it.



PROSTHETIC TOOLS

MUA HAND DRIVER

Driver for straight Multi Unit Abutment.



02BDG80

PROSTHETIC HAND DRIVER HEX 1.2

Extraoral implant system has a single type of prosthetic driver to screw and unscrew all the prosthetic components and waxing pin on the implant screws.



02EGM10

RATCHET ADAPTER

Ratchet adapter allows you to manually use the implant mount and the surgical tap. It can be used with the torque wrench.



02-AC15

HANDPIECE CONNECTION

Handpiece connection can be assembled with implant mount and with surgical tap allowing them to be used with contra-angle.



07-MA10

TORQUE WRENCH

Torque wrench has an adjustable screw-in torque control (10-70Ncm) and can be used both in the surgical and prosthetic phase.



02-CT20
WARNING Read instructions before use

FORCEPS

Titanium forceps allow you to handle the implant without any contamination if needed.



01-PT10

OPEN-END WRENCH

Open-end wrench used for stabilizing the implant during tightening or loosening of the screw of implant mount device.



01-CH10
Securely engages and carries the implant mount

GINGIVAL DEPTH INDICATOR

Gingival depth indicators are graduated (2-4-6-8 mm) and makes it useful to check the gingival depth after positioning the implant.



01-MG10