GEMINI
LINE

NEW ANCORVIS®

New Ancorvis is 100% **Made in Italy** and has been in business since **1948**. We believe that our unique identity is showcased by our unparalleled, **extensive range of products and services** and by **our all-round expertise in and management of digital workflows** applied to the dental world, which we have been pioneering since the **early 2000s** and which is now the **hallmark of our business**.
Every day, we process solutions geared towards boosting the work of **Dental Practice** and **Dental Technician Teams** which we accomplish by listening to them, plus investing in research and development, technology and process automation.

To date, **our business lines** include:

- **Evo 3D Line** Rapid Prototyping and Laser Melting Production
- **EvoCAM Line** Milling Technique Production
- **Light Solutions** Computer-Guided Surgery
- Prosthetic Components Compatible with over 900 items in the **Gemini Line** catalogue
- **Ancora Line** Dental Attachments

We are also very much aware that the intraoral scan workflow still presents unknowns that prevent the Medical-Technical Team (and, therefore, the patients) from benefiting from all the potential of the digital workflow, as our experience as a production centre demonstrates day after day. We have initiated a project where Dental Practice and Dental Technician Staff can, together with us, write and, therefore, create step-by-step procedures that can also be customised to make digital workflows viable in their everyday work.
This project is called **Grow Up** and is a genuine **training pathway and digital evolution** with a strong practical, modern approach, focusing on the interaction between course instructors and participants, in step with current market trends.

Photos by
Dental technician **Maurizio Gualandri** - **Valerio Lelli**, photographer

The New Ancorvis catalogue
is made up of three volumes,
each one of which is dedicated
to the main product lines.
This is the third volume;
don’t forget to request
the other two!

ALSO REQUEST

LIGHT SOLUTIONS BROCHURE
NEW ANCORVIS COMPUTER-GUIDED SURGERY

EAGLE GRID BROCHURE
GRIDS FOR SUBPERIOSTEAL IMPLANTS

GROW UP BROCHURE
THE DIGITAL EVOLUTION TRAINING PATH FOR THE DENTAL PRACTICE AND DENTAL TECHNICIAN TEAM

EVOCAM AND EVO 3D LINE PRICE LIST

GEMINI AND ANCORA LINE PRICE LIST AND COMPONENT LIST

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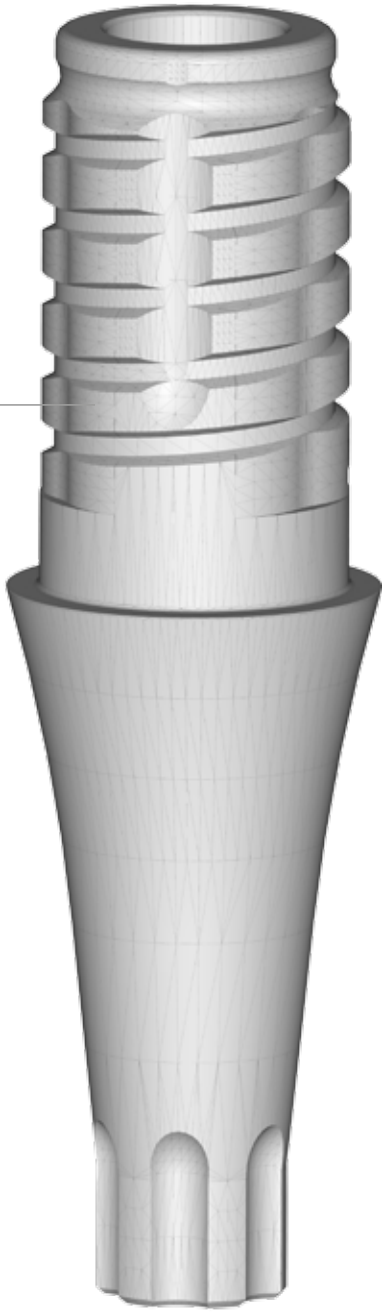
GEMINI LINE

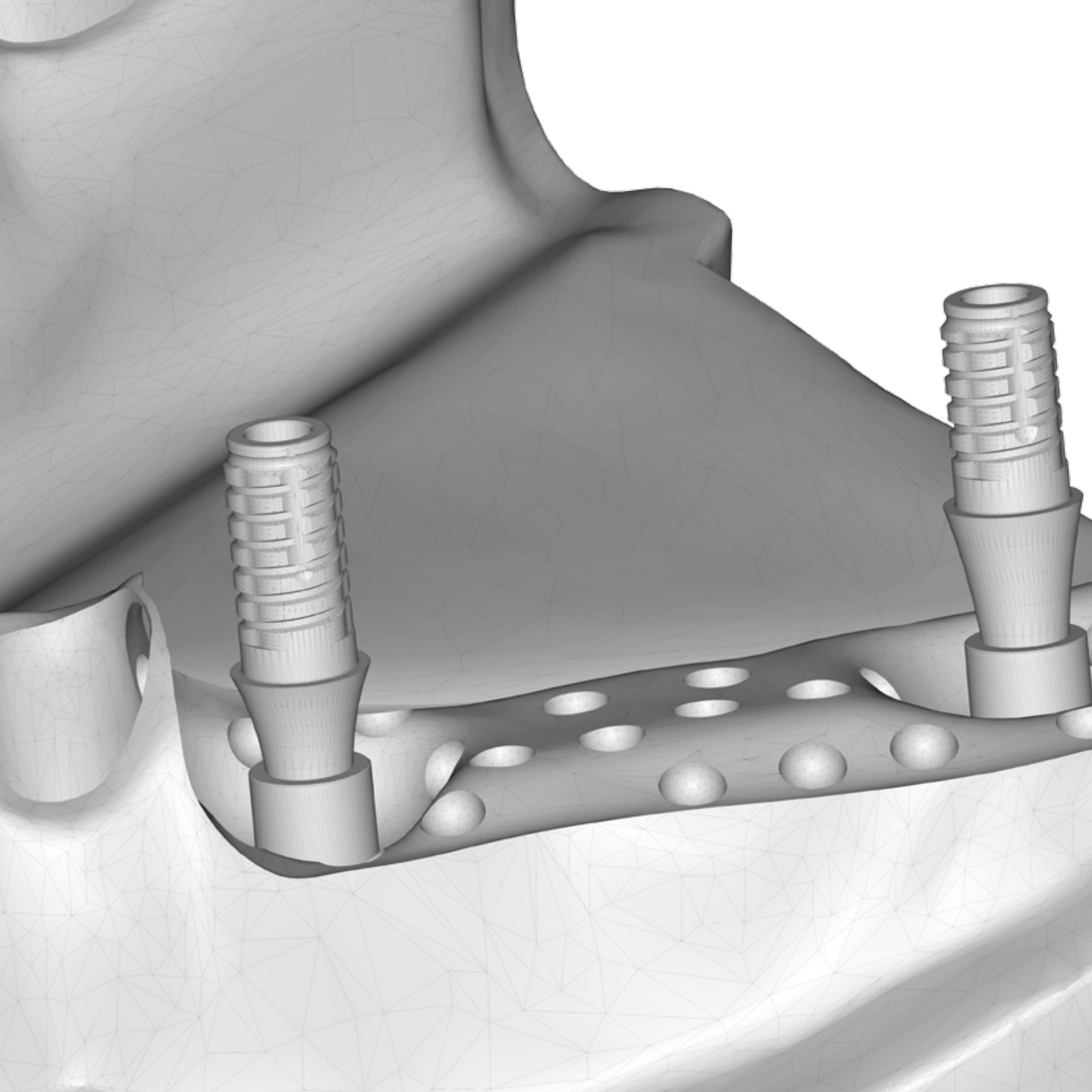
51
mm

V4 SYSTEM

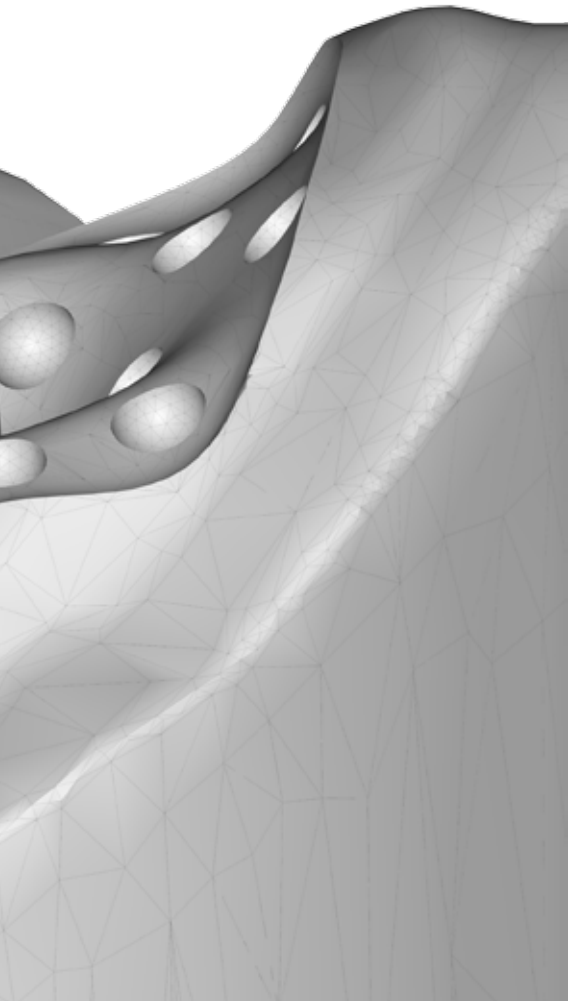
V4 SYSTEM

The first link which
generates a system



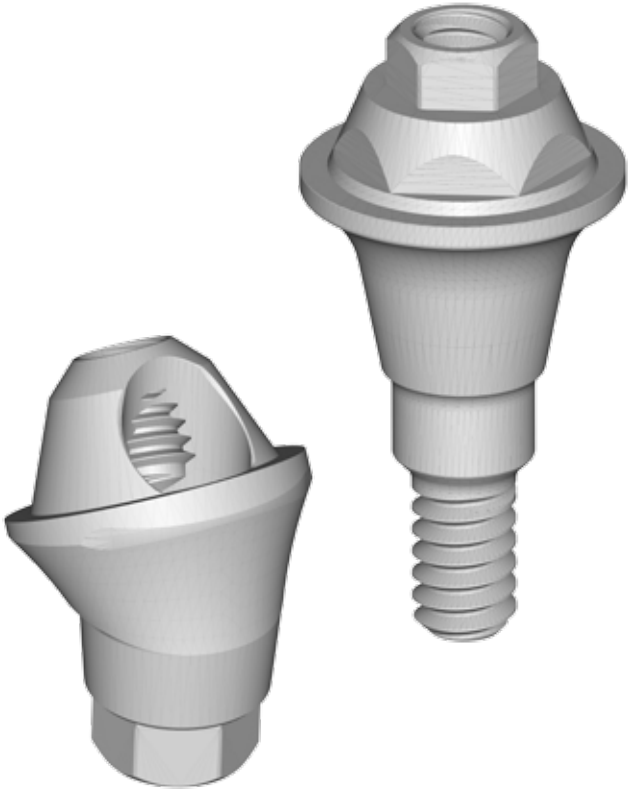


HIGH GRIP SCREWS
Also specifically for the angled screw channel method, excellent for preventing unscrewing



MULTI UNIT ABUTMENT SYSTEM

An efficient solution
for rehabilitation
on multiple implants



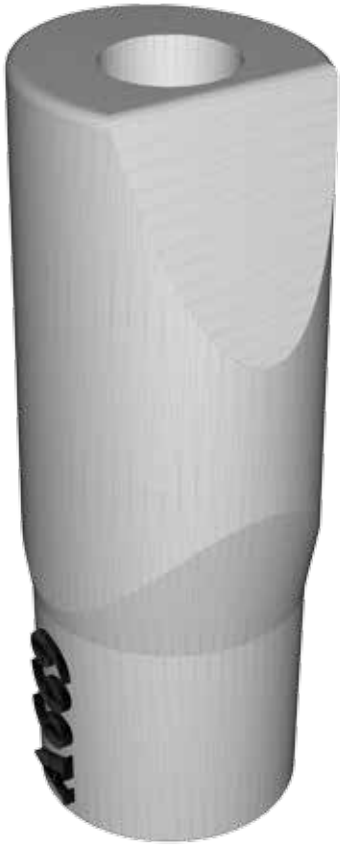
MUA Slim Fit

MUA Slim Fit

The Multi Unit Abutment System shown with different transmucosal heights and angles: details

Single elements
screwed on MUA Slim Fit
conical converter

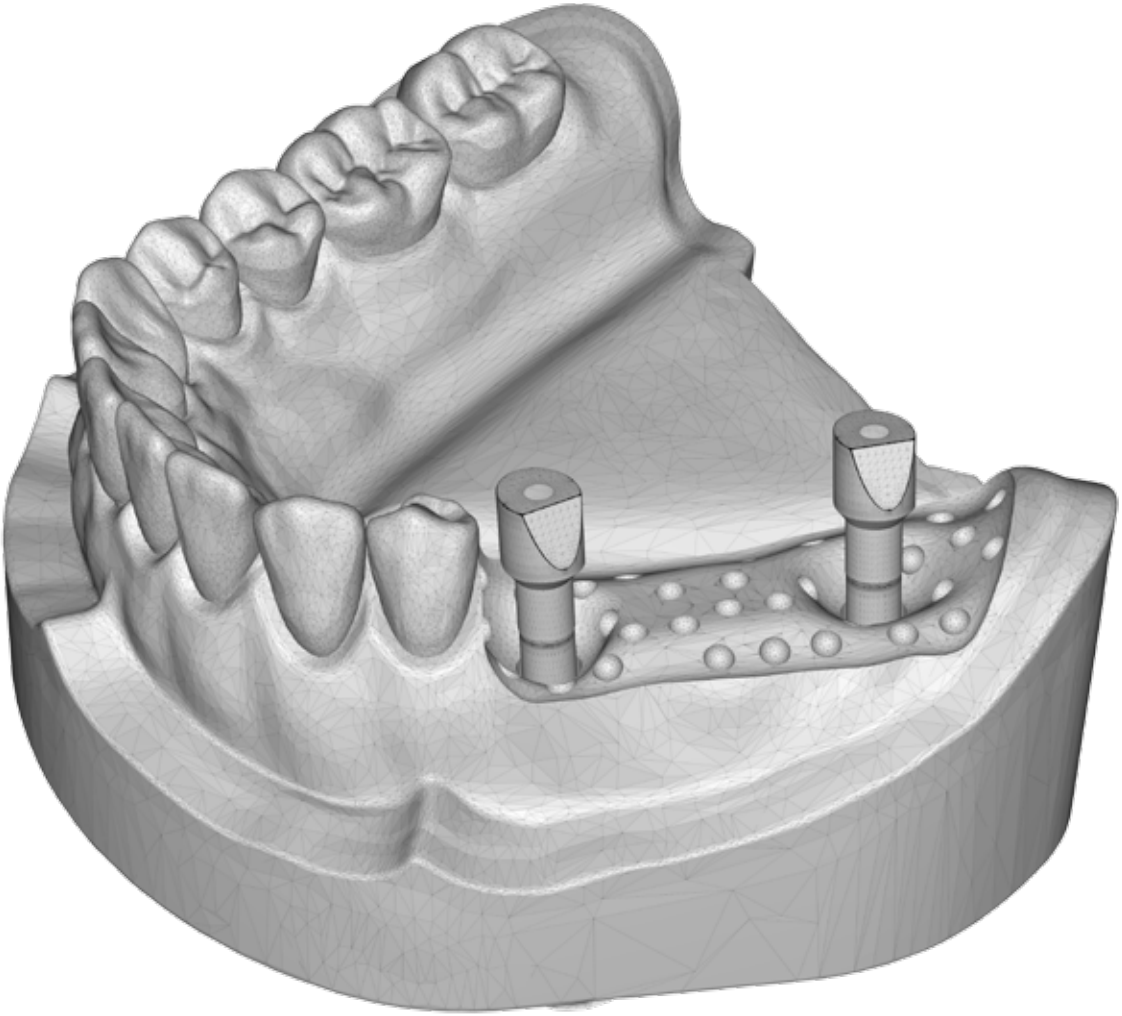
AQ SCANBODY



The perfect digital implant locator from which the digital workflow originates

AQ SCANBODY

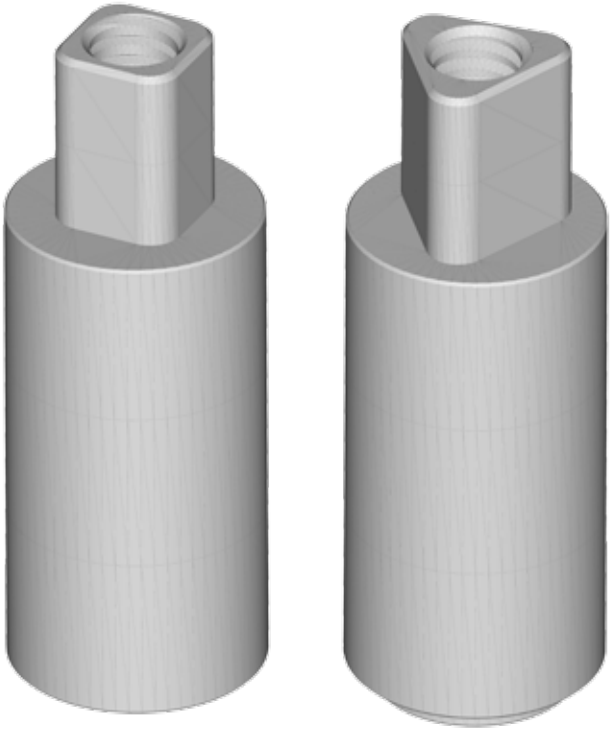
In a unique solution
for dental practices
and laboratories



ANALOGUE
FOR DIGITAL MODELS

ANALOG FOR DIGITAL MODELS

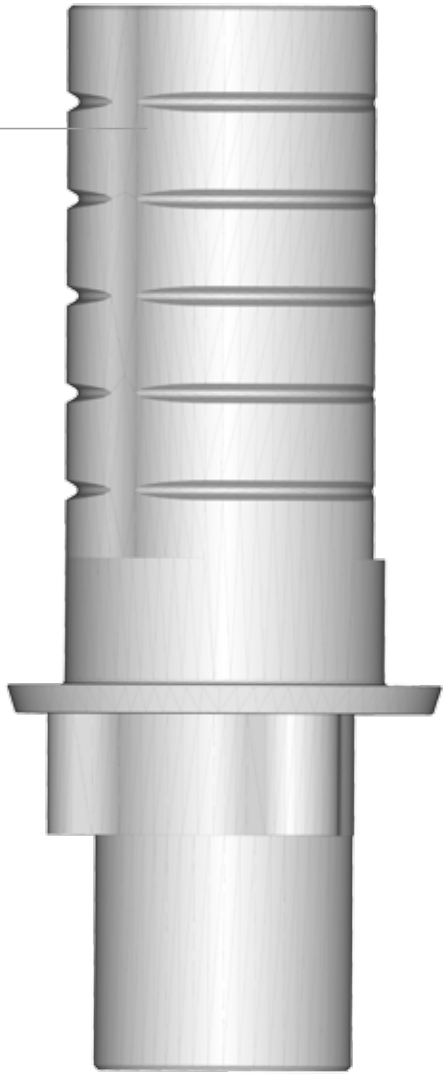
Simple and ingenious



LINK IN SYSTEM

LINK IN SYSTEM

When the flicker
of an idea is not only
ahead of its time but
always stays relevant

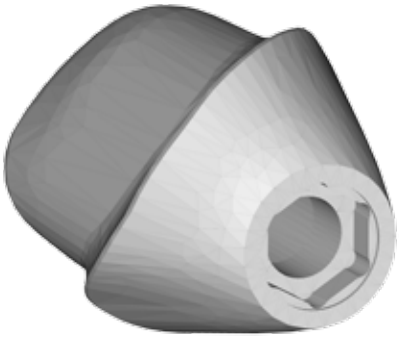


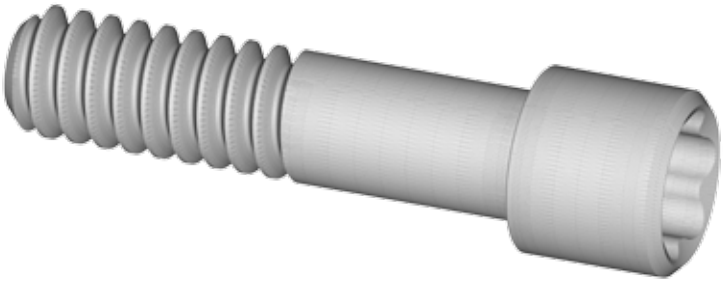
ANGLED SCREW CHANNEL METHOD

Aesthetics and function are very important to us, so we treat them like a work of art

SLY SYSTEM

A solution to enhance
the aesthetic appearance





PREMILLED TITANIUM DIES FOR MILLING

PROSTHETIC SCREWS

SCREWDRIVERS AND TORQUE WRENCH

NEW
ANCORVIS
(01)80592241613 72
(10) P2011001388
10
30
50
70

CONTACTS

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Telephone	IMPLANT COMPONENT AND ATTACHMENT ORDERS Tel. 39 051 6463070 int. 1
Opening hours	9.30 am-12.30 pm / 2 pm-5 pm
Shop on line New Ancorvis Speedy Shop	http://88.80.188.116/newancorvisshop/
Website	www.newancorvis.eu
For detailed technical information	www.digital-education.it
Our philosophy	www.inaltreparole.eu

WHATSAPP SUPPORT

Component and Scanbody orders

Telephone
+39 320 056 6165

QUALITY GUARANTEE

The production of New Ancorvis prosthetic components starts with a detailed dimensional analysis which is confirmed and guaranteed by precision in the use of high-performance production machinery and in a multi-step testing process for verifying tolerances.
All substantiated by the CE marking on each of our components and confirms their compatibility with the original compared to the connection-implant unit.

Designed in compliance with the applicable product standards, they have been subject to checks carried out to confirm the design development such as: dimensional checks to confirm that the product has been correctly produced, FEM checks which can simulate the "structural" behaviour of the device, static fatigue tests to verify the maximum possible loads, dynamic fatigue tests to verify the product's "lifespan".

The products illustrated here are classified as medical devices according to Directive 93/42/EEC.
The medical devices produced by New Ancorvis are classified respectively as

CE **Class I**

CE 0425 **Class IIa and IIb**

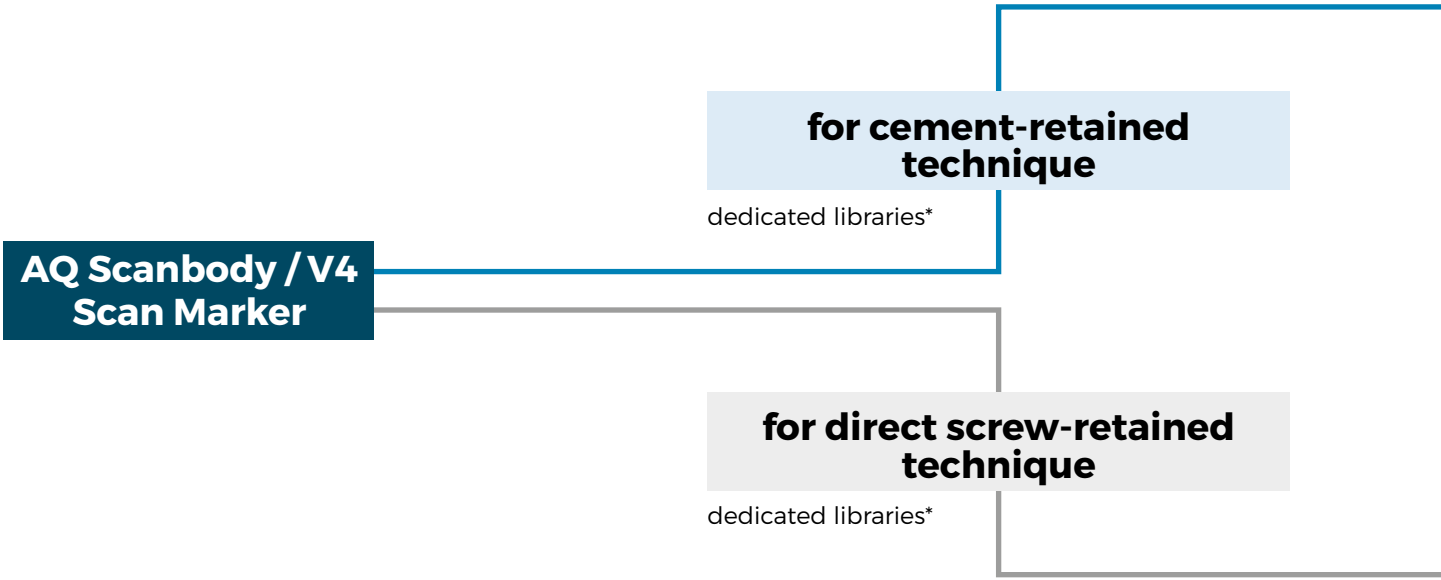
For further information on the implant solutions for the Gemini Line:

Scan the QR code and watch the video

Consult our website
www.digital-education.it

CUSTOM COMPONENTS

For prosthetic implant solutions supported by digital workflow



* for further information on our libraries, please consult page 62

**Link IN System / V4 System /
Screws for angled channels**

{analog for digital models}

**Premilled / Sly System / MUA conical converters /
Screws for angled channel**

V4 SYSTEM

1

Tri-lobed body

Anti-rotation system

Definite and unambiguous position

Uniform distribution of the cement

Libraries dedicated to comprehensive management system

Cannula profile

New height up to 9.3 mm

Multi use:
- Cement-retained technique on zirconia and metal implants
- temporaries
- computer guided surgery

Greater retention

Calyx emergency profile

The special calyx design promotes tissue regrowth and increases the gingival quality and volume

Optimised to the implant diameter

The gold-coloured surface treatment obtains an excellent aesthetic result

Variable transmucosal route

Various transmucosal heights

Screw channel management from 0° to 25°

V4 Base

V4 base is the base connector that generates the entire system

FOR CEMENT-RETAINED TECHNIQUE

2

V4 Pick Up
By assembling V4 Pick Up with V4 Base, you will obtain your impression coping

3

V4 Scan Marker
By assembling V4 Marker with V4 Base, you will obtain your scanbody with new dedicated libraries for model-free flow

4

V4 Lego
By assembling V4 Lego with V4 Base, you will obtain support for reinforcing thread

Key indications V4 Base	For cement-retained technique Also as a temporary cylinder for temporary prostheses and especially for computer-guided surgery
Material	Grade 5 Titanium
Workflow	Digital/analogue
Warranty	2 years

Efficiency
Profile with attention to detail whilst respecting the biological width

Flexibility
Available in various transmucosal heights and for all implant platforms

Additional services
Specific screw for angled screw channel method
Tailor-made customisation
V4 Regolo

Quality
Our prosthetic components are a series of processes resulting from design, production and testing which have been perfected and tested over time in order to guarantee the production of compatible components which have the same features as the original components. The core of the design stage lies in the accurate and systematic study of the production of the original implant companies, supported by the information obtained through standard tests to evaluate the fatigue resistance of the components, simulating and stressing how they behave when in use.
The choice of fully biocompatible materials guarantees exceptional quality to the user and end patient, contributing to the success and durability of the prosthetic project.
CE marking of the entire Gemini Line indicates the conformity of the medical devices produced and all the business processes involved, designed as part of a Quality System compliant with the ISO 13485:2016 standard

V4 Pick Up
For traditional impression

Assemble **V4 Pick Up** with **V4 Base** to obtain your impression coping

For the dental technician
It is very useful to be able to choose the component with the most suitable transmucosal route right from the impression stage, so the technician receives the component which is ready for the final work.
The assembled V4 Pick Up can be deemed disposable with the advantage that the connection will not run the risk of becoming worn through repeated use

Plus: the coating of the transfer body in various colours, combined with laser screen printing, enables fast and accurate identification of the V4 Pick Up family to be used for your system

V4 Lego

Assemble **V4 Lego** with **V4 Base** to obtain a support for reinforcing thread

V4 Scan Marker
For intra-oral scan

Assemble **V4 Scan Marker** with **V4 Base** to obtain your Scan Body

New dedicated libraries: the versatility of the V4 libraries is also demonstrated by being able to use them with the traditional AQ Scan Body

For model-free flow

Recommended for up to a maximum of 2 implants (for more extensive work, use AQ Scanbody)

Reference notch for correct insertion and phasing of V4 Scan Marker and V4 Base

V4 SYSTEM ACCESSORIES

for straight screw channel

for F.A.S. angled screw channel

High Grip screws

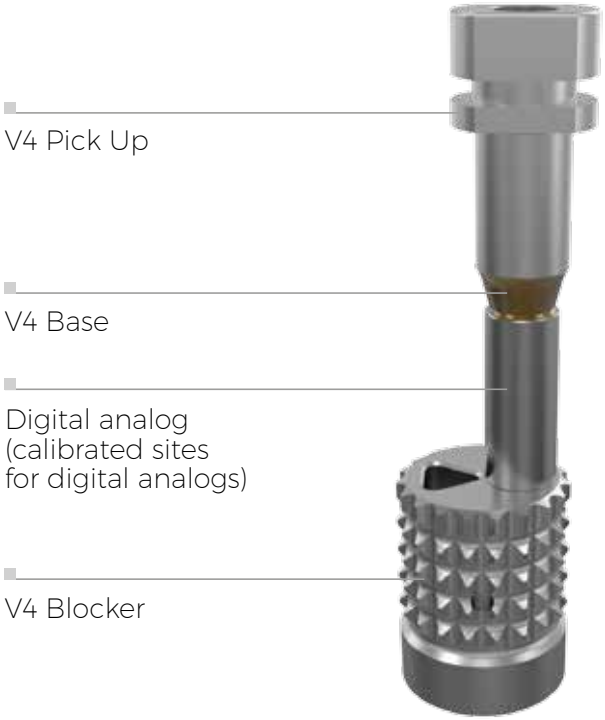
Also specifically for the angled screw channel method as they provide excellent grip and prevent unscrewing

V4 Regolo

Allows you to easily manage the height of the cement-retained cannula, adapting it to your own requirements based on the implant libraries used

V4 Blocker

Accessory for correctly tightening
and checking V4 Pick Up



MULTI UNIT ABUTMENT SYSTEM

MUA cone converters available in multiple variations: straight, angled 17° and 30° with different gingival heights, including customised heights.

- MUA Slim Fit platform diameter 4.1

- MUA traditional platform diameter 4.8

FOR DIRECT SCREW-RETAINED TECHNIQUE

Key indications	For screw-retained prostheses on implants
Material	Grade 5 Titanium
Workflow	Digital/analog
Warranty	2 years

Efficiency
- Correction of disparallelisms
- Greater guarantee of passive fit thanks to an ample support shoulder and compact cone

Flexibility
- 17° and 30° variable angle
- Differentiated transmucosal height for all implant platforms

Additional services
- Tailor-made customisation
- Positioner
- Impression coping, with short and long screw
- Protective cap
- Castable cylinder
- Cement-retained link
- V4 System
- Digital and laboratory analogs
- Screw for angled screw channel method
- Screwdriver for manual tightening and ratchet

Quality

Our prosthetic components are the result of a process chain from the design to production and testing - fine-tuned and tested over time in order to guarantee the production of compatible components which have the same features as the originals.
The core of the design stage lies in the accurate and systematic study of the production of the original implant companies, supported by the information obtained through standard tests to evaluate the fatigue resistance of the components, simulating and stressing how they behave when in use.
The choice of fully biocompatible materials guarantees exceptional quality to the user and end patient, contributing to the success and durability of the prosthetic project.
The CE marking of the entire Gemini Line indicates the conformity of the medical devices produced and all the business processes involved, designed as part of a Quality System compliant with the ISO 13485:2016 standard

MULTI UNIT SYSTEM SLIM FIT ABUTMENT

Prosthetic screw
M 1.6 x 0.35

Anti-rotation system for direct screw-retained technique on single elements

Reduced diameter 4.1 mm

Tapered profile mirroring the biological width.

Also suitable for solutions produced with the direct screw-retained technique in zirconia

For multiple prosthesis

For individual prosthesis

AQ SCANBODY

AQ Scanbody

A unique solution for dental practices and laboratories.
Available even in the Small version for reduced diameters (3 - 3.5 mm), to make it easier to manage narrow interproximal spaces.

Small AQ Scanbody

ACQUISITION

Key indications	For the correct location of the implant position in a virtual environment both from intraoral and laboratory scanning
Material	Grade 5 Titanium
Workflow	Digital
Warranty	2 years

Efficiency
Perfectly scannable surface because it is designed both in terms of shape and colour to work with the operating system of the various scanners on the market. Shape tapered to the diameter of the implant platform to allow easy insertion into the oral cavity without interference from the gingival tissue. Screw retained inside the component to minimise the diameter of the screwdriver insertion hole. The lateral laser marking allows easy identification of the correct implant connection.
We advise against opacifying unless otherwise indicated for the correct use of the scanner.
Can be reused and sterilised

Flexibility
Unique component for dental practices and laboratories. Available for over 500 implant platforms. Libraries available for all prostheses linked to in-house digital flows, including in-lab

Additional services
Tailor-made customisation both of the component and the library

Quality
Our prosthetic components are a series of processes resulting from design, production and testing which have been perfected and tested over time in order to guarantee the production of compatible components which have the same features as the original components.
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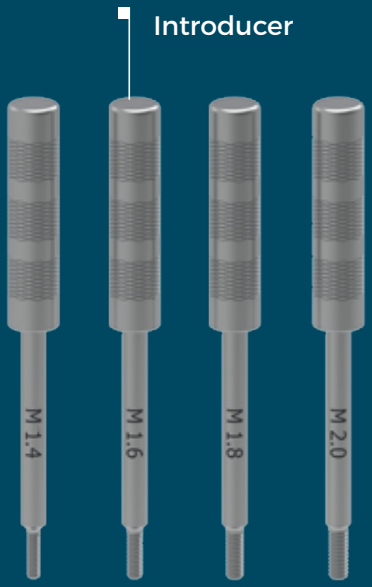
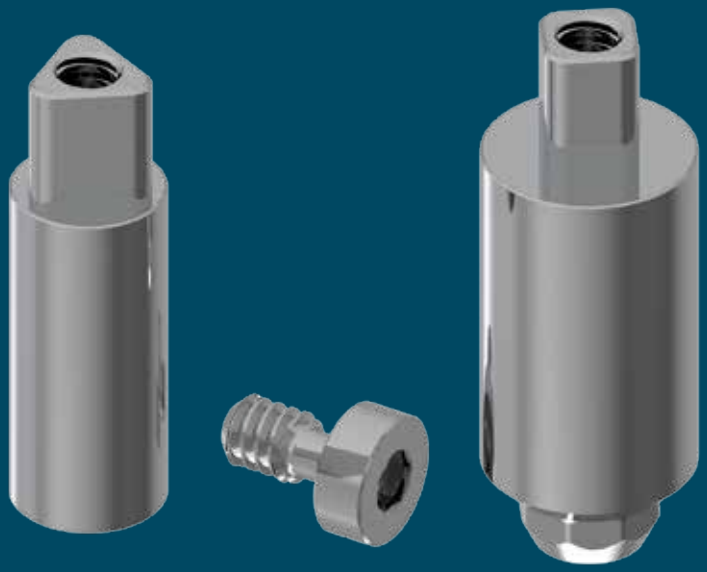
DIGITAL ANALOG



Specifically for applications from intraoral scan.



FOR 3D PRINTING PRODUCTION

Key indications	For the creation of digital models on implants
Material	AISI 303 steel
Workflow	Digital/analog
Warranty	2 years

Efficiency
Specifically designed to make the 3D printing process accessible for creating models on implants.
The cylindrical shape -with a polygonal base to guarantee correct positioning- prevents rotation and allows for the correct orientation in the implant connection space and a reliable support surface.
Fastening screws to ensure easy removal of the component

Flexibility
Thanks to the use of a special accessory, it can be used to create plaster models instead of the screw.
Libraries available for all prostheses linked to in-house digital flows, including in-lab

Additional services
Introducer

Quality
Our prosthetic components are a series of processes resulting from design, production and testing which have been perfected and tested over time in order to guarantee the production of compatible components which have the same features as the original components.
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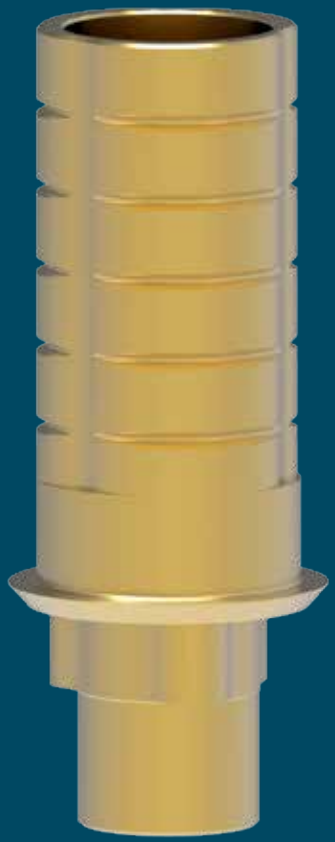
The CE marking of the entire Gemini Line indicates the conformity of the medical devices produced and all the business processes involved, designed as part of a Quality System compliant with the ISO 13485:2016 standard

For additional information on the introducer:

Scan the QR code and watch the video

Consult our website www.digital-education.it

LINK IN SYSTEM



We were among the first to produce cement-retained links and our trilobe version has always stood out for its originality and functionality.

FOR CEMENT-RETAINED TECHNIQUE

Key indications	For cement-retained technique on implants
Material	Grade 5 Titanium
Workflow	Digital/analog
Warranty	2 years

Efficiency
The shape of the cannula, featuring three asymmetric lobes, ensures well-defined and straightforward angular insertion, while also guaranteeing uniform and efficient distribution of the cement with the advantage of drastically reducing decementation rates.
The screw still remains on the Titanium connector (never on the prosthesis), just as the link remains on the fixture.
The height of the cannula guarantees safety and versatility of use

Flexibility
For all implant platforms

Additional services
Specific screw for angled screw channel method

Quality
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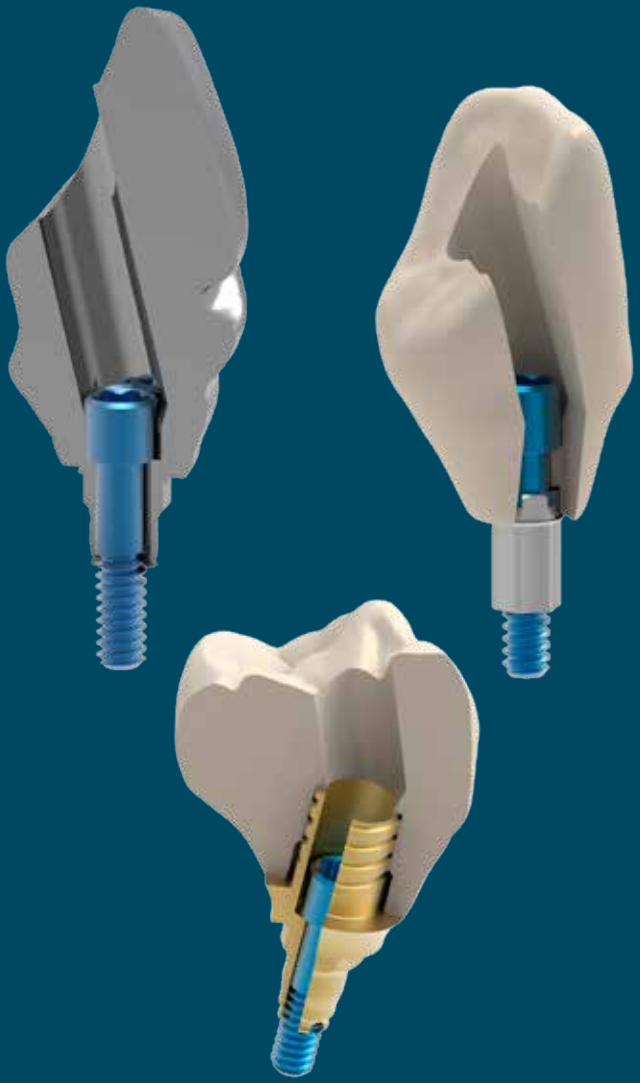
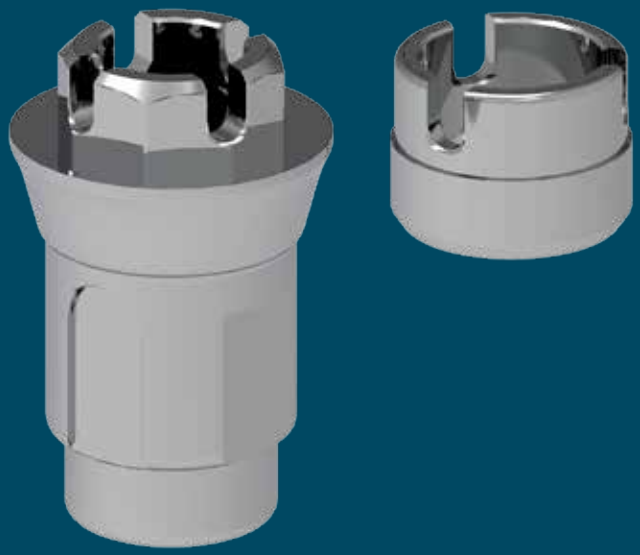
ANGLED SCREW CHANNEL
FREE ANGLED SYSTEM



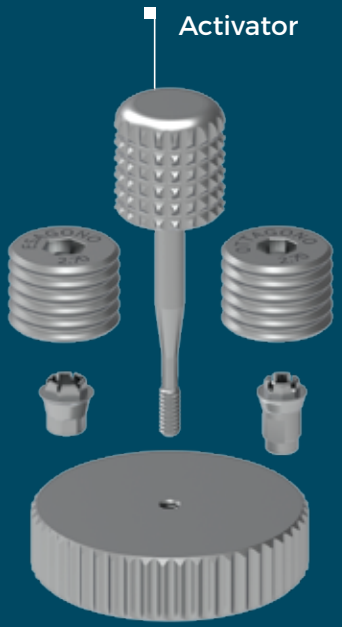
We offer the possibility of adjusting the screw channel angle from 0° to 25° in cement-retained structures and in the design and construction of screw-retained structures, such as abutments, bars, crowns and implant bridges. This method makes the prosthetic restoration procedure by the technician easier and more flexible, thus achieving results with a strong aesthetic appeal.
This type of technique also ensures that the dentist has easy access when tightening the screws even if the vertical space is limited.
Including exclusive screwdriver and prosthetic screws.

SERVIZI AGGIUNTIVI

SLY SYSTEM



Internal and external implant connection converter to create cement-free crowns and abutments in zirconia.



FOR ZIRCONIA SCREW-RETAINED TECHNIQUE

Key indications	For zirconia screw-retained technique (in the front sectors)
Material	Grade 5 Titanium
Workflow	Digital
Warranty	2 years

Efficiency
Faithfully reproduces all the internal implant connections. In single elements and abutments, an external hexagon emerges while in screw-retained bridges it is a cylinder. The hexagon or cylinder must be slotted into a calibrated seat, milled on the prosthesis, thus allowing implant connections in zirconia.
The screw remains on the prosthesis (not on the connector) so the impact channel is reinforced by about 1mm in height to prevent it from breaking when tightened. Similarly, it is the prosthesis itself (and never the connector), which rests on the fixture

Flexibility
For all implant platforms

Additional services
Specific screw for angled screw channel method
Activator
Extractor

Quality
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The choice of fully biocompatible materials guarantees the user and end patient exceptional quality, contributing to the success and durability of the prosthetic project.
The CE marking of the entire Gemini Line indicates the conformity of the medical devices produced and all the business processes involved, designed as part of a Quality System compliant with the ISO 13485:2016 standard

For additional information on the activator:

Scan the QR Code and watch the video

Consult our website www.digital-education.it

For additional information on the extractor:

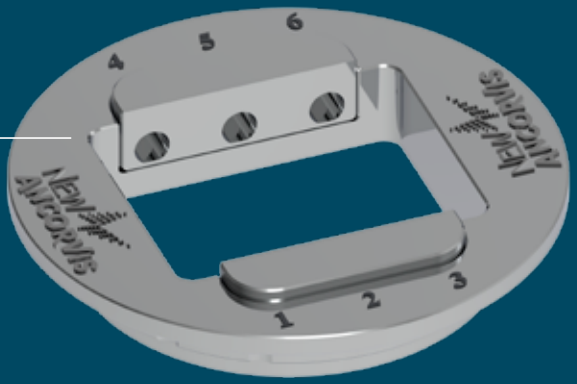
Scan the QR Code and watch the video

Consult our website www.digital-education.it

PREMILLED BLANKS

The best component for producing customised abutments in the laboratory with the guarantee of the precision of certified connections, including screws.

Support for laboratory CNC machining centre



FOR CEMENT-RETAINED PROSTHESES ON IMPLANTS

Key indications	For the creation of individual abutments
Material	Grade 5 Titanium
Workflow	Digital
Warranty	2 years

Efficiency
Specifically for in-house production including implant libraries and support bracket for the most widely used laboratory machining centres

Flexibility
For all implant platforms

Additional services
Installation of dedicated libraries and adaptation of milling strategies

Quality
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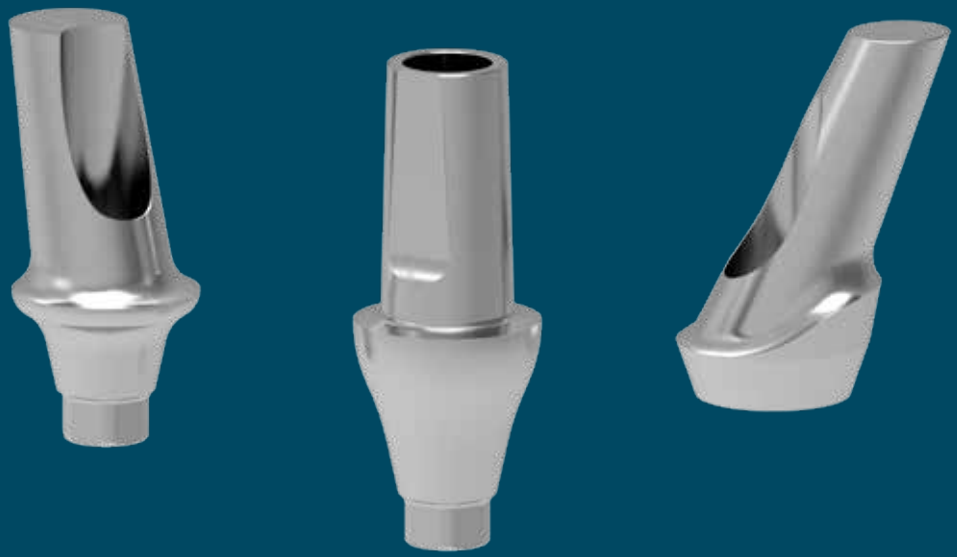
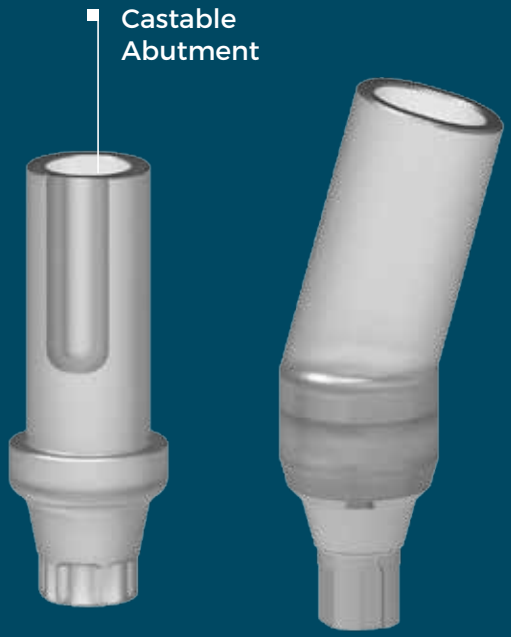
STRAIGHT AND ANGLED TITANIUM ABUTMENTS

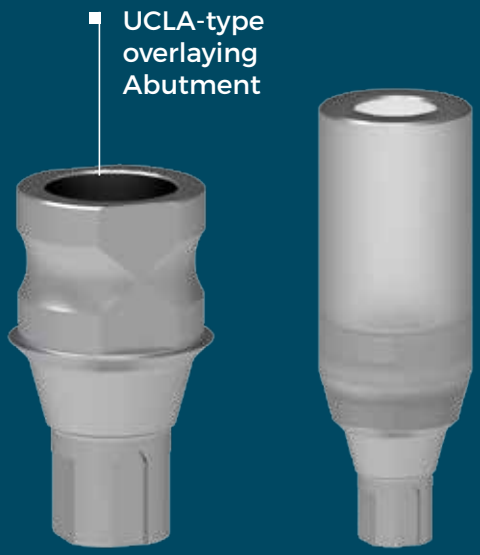


FOR CEMENT-RETAINED PROSTHESES ON IMPLANTS

CASTABLE AND OVERLAYABLE UCLA ABUTMENTS WITH CR-CO BASE

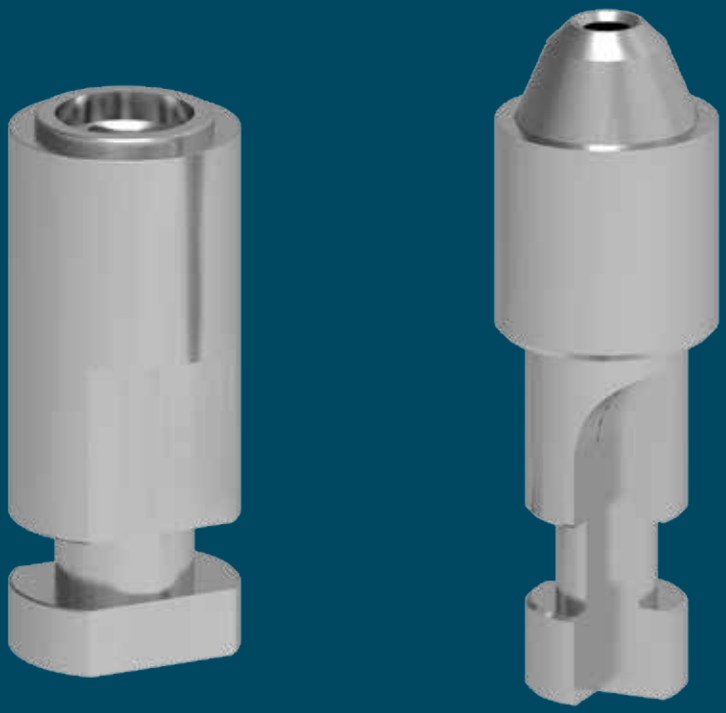
The safest method for melting in the laboratory.
In the Ucla version with Cobalt-Chrome base, precision is guaranteed by the industrial-grade metal base, also available with specific screw for angled channels.





FOR IN-LAB LOST-WAX TECHNIQUE

ANALOGS FOR PLASTER MODEL



FOR THE DEVELOPMENT OF IN-LAB PLASTER MODELS

PROSTHETIC SCREWS

The screws supplied with the Gemini Line prosthetic components are the result of a careful analysis of the original counterparts. This results in the creation of components that are fully compatible with New Ancorvis and original components. Fatigue tests in the design phase, strict controls on raw materials, in-process and final testing (including the Torque Test) in the production phase, guarantee the production of safe and reliable products.

The choice of fully biocompatible materials guarantees the user and end patient maximum safety, contributing to the success and durability of the prosthetic project.

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SCREW DRIVERS

SCANBODY
AQ and V4 Marker

New Ancorvis and In-House

LIBRARIES FOR CEMENT-RETAINED TECHNIQUE
Various transmucosal heights
Variable degree of friction
For angled hole

DEDICATED DIGITAL COMPONENTS
Link In System
V4 Base
Specific screws for angled hole

New Ancorvis and In-House

LIBRARIES FOR 3D PRINTING PRODUCTIONS
Various digital analogue seat tolerances

DEDICATED DIGITAL COMPONENTS
Digital analog
Digital analog introducer

New Ancorvis and In-House

LIBRARIES FOR ZIRCONIA DIRECT SCREW-RETAINED TECHNIQUE AND FOR ABUTMENTS AND METAL SINGLE ELEMENTS

DEDICATED DIGITAL COMPONENTS
Sly System
Mua
Mua Slim Fit
Prosthetic screws
Screws for angled hole
Premilled blanks
Premilled Holder for in-house milling machines

New Ancorvis

LIBRARY FOR DIRECT SCREW-RETAINED TECHNIQUE IN METAL

Milling
M2 (laser melting + milling)

DEDICATED DIGITAL COMPONENTS

Prosthetic screws
Screws for angled hole
MUA
Mua Slim Fit
Premilled blanks

ANCORA LINE DENTAL ATTACHMENTS

The Ancora Line dental attachments for prostheses represent the original focus of New Ancorvis production, a link to tradition and the core business from which the company evolved.

– Extracoronal attachments
– Rigid systems
– Amortised systems
– Cavaliere systems

The Ancora Line devices are classified as medical devices according to Directive 93/42/EEC, Class IIa.

– Rhein83 attachments
– Nobil Metal LV Line Attachments

PRICE LIST

Scan the QR Code
to consult and download
our price list
https://l.ead.me/bc75JQ

Scan the QR Code to purchase
your components from our
on-line shop New Ancorvis
Speedy Shop
https://l.ead.me/bbudQI

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REV. 00 - 03-21