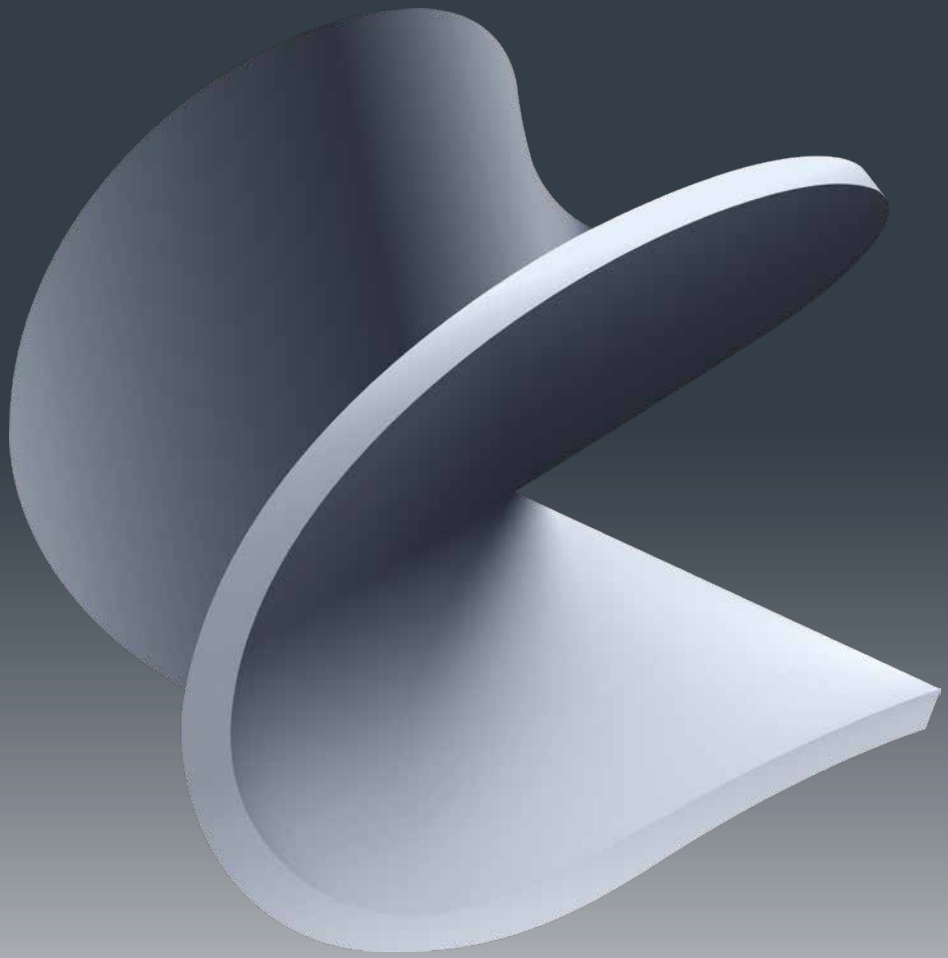
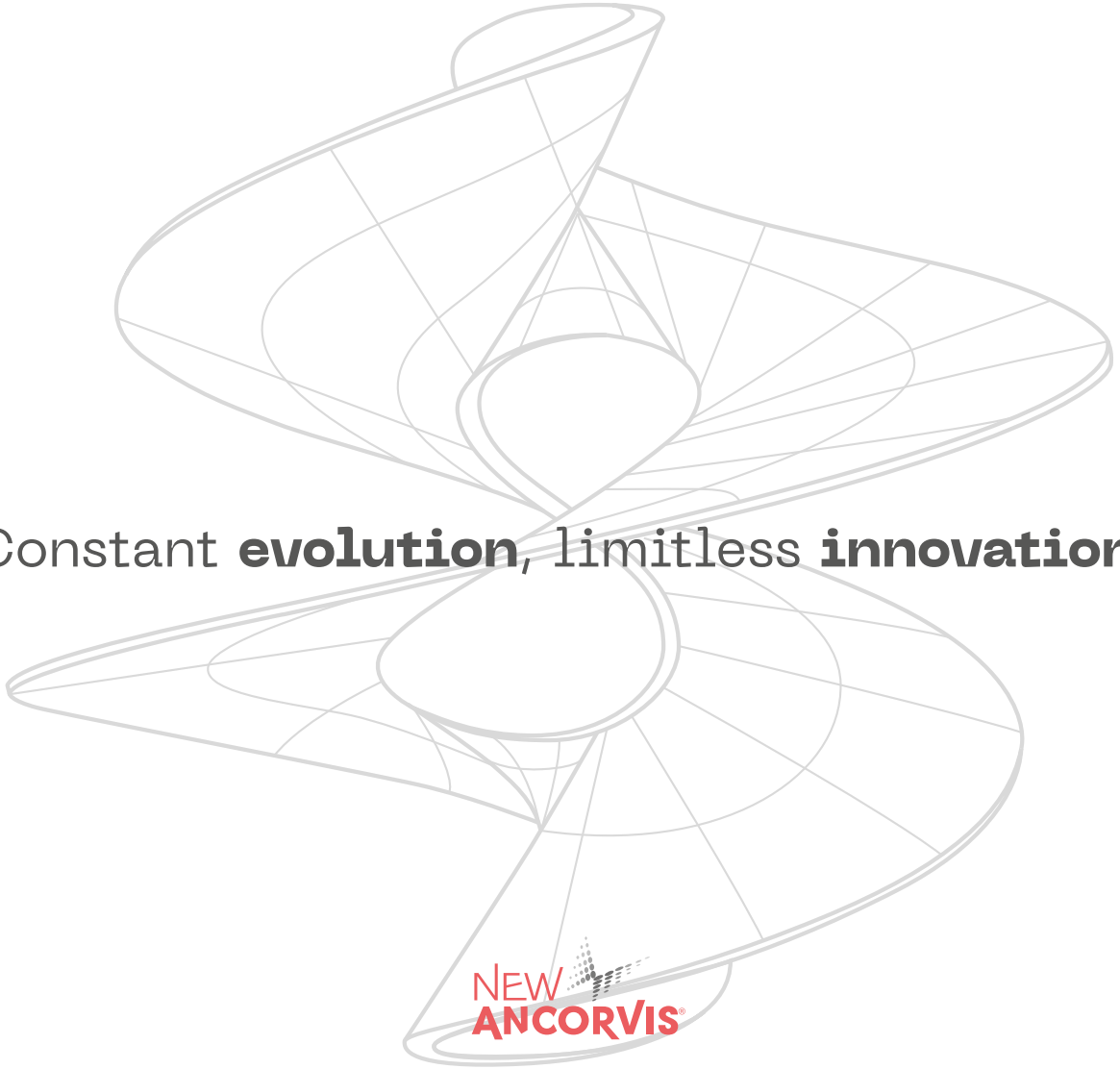
YEAR 2026

CAD CAM
Line



NEW ANCORVIS®



Constant **evolution**, limitless **innovation**

NEW ANCORVIS®

Italian excellence in the dentistry field, New Ancorvis offers cutter-edge digital solutions, from milling to 3D printing, up to the guided maxillo facial surgery. A reliable partner for laboratories and clinics, it provides with high-level prosthetic components in compliance with all the implant platforms. The company is evolving and expanding all over Europe by pursuing innovation, flexibility, and a strong commitment towards the quality.

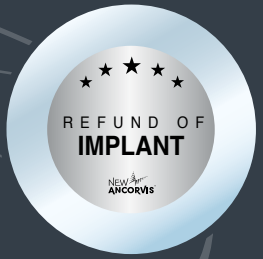
GLOBAL WARRANTY

Your future is guaranteed,
our commitment is forever.

Lifetime warranty

Prosthetic Components

New Ancorvis offers comprehensive coverage on all its Class IIa and IIb compatible prosthetic components, ensuring reliability and durability over time.



100% Refund

Dental Implants

In case of breakage, New Ancorvis guarantees a full refund of the implant when used in combination with its components, offering safety and peace of mind to operators and patients.

Warranty

Dental Prosthetics

The implant prostheses made with New Ancorvis' exclusive CAD CAM technology come with a warranty of up to 10 years, reflecting the quality and precision of the work.

CERTIFICATIONS

Vision

New Ancorvis places the utmost emphasis on safety, reproducibility, and predictability in every production activity, which is reflected in the certified quality of the medical devices placed on the market.
All medical devices are duly certified by New Ancorvis in compliance with MDR 745/2017 regulations. The company is also registered on the EUDAMED platform, as required by law.

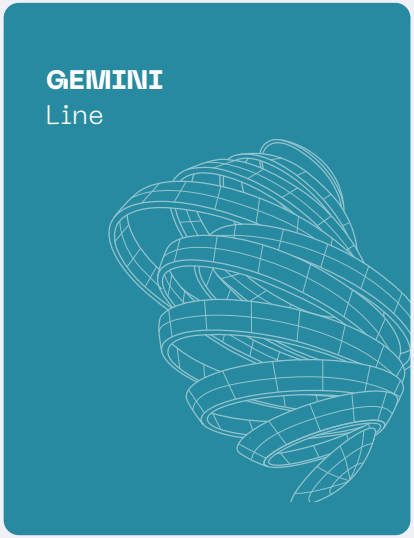
Achieved certifications

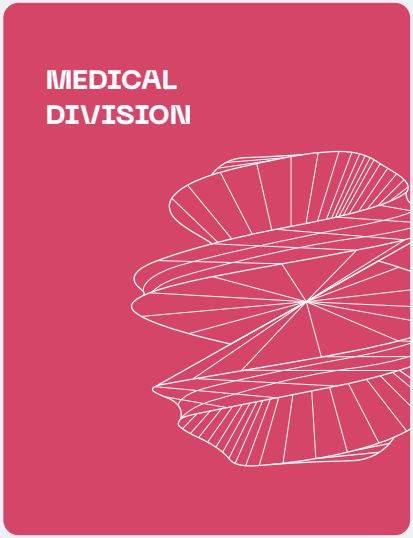
Certification	Achieved
CE 0425 – MDR 745/2017	✓
ISO 13485	✓
EUDAMED	✓
SRN of the manufacturer	IT-MF-000008879

Dynamic System

New Ancorvis offers a wide range of prosthetic components, including:
- Class I
- Class IIA
- Class IIB

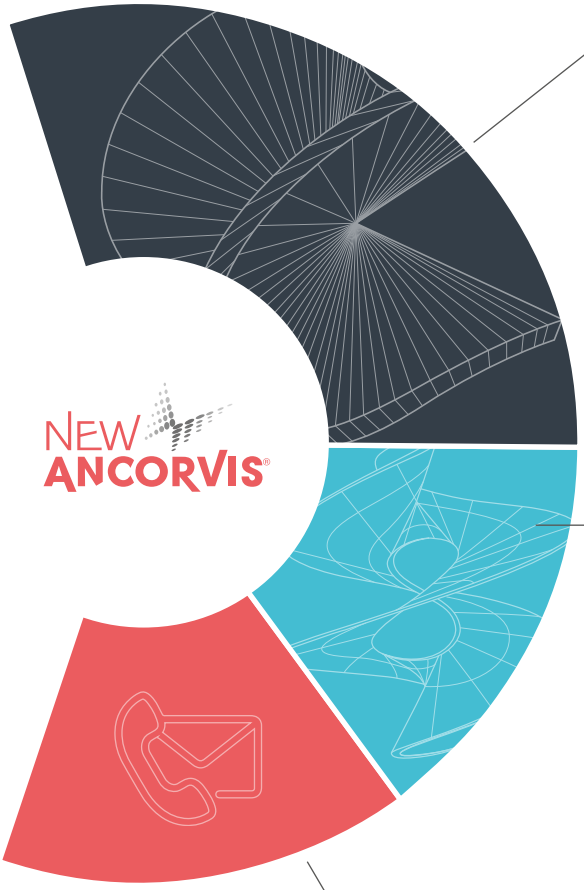
All design and production processes at New Ancorvis are validated under a certified ISO 13485 quality management system.


GEMINI
Line


MEDICAL
DIVISION

GROW UP
GROW UP

INDEX



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NEW ANCORVIS®

CAD CAM PRODUCTION

Fast Production

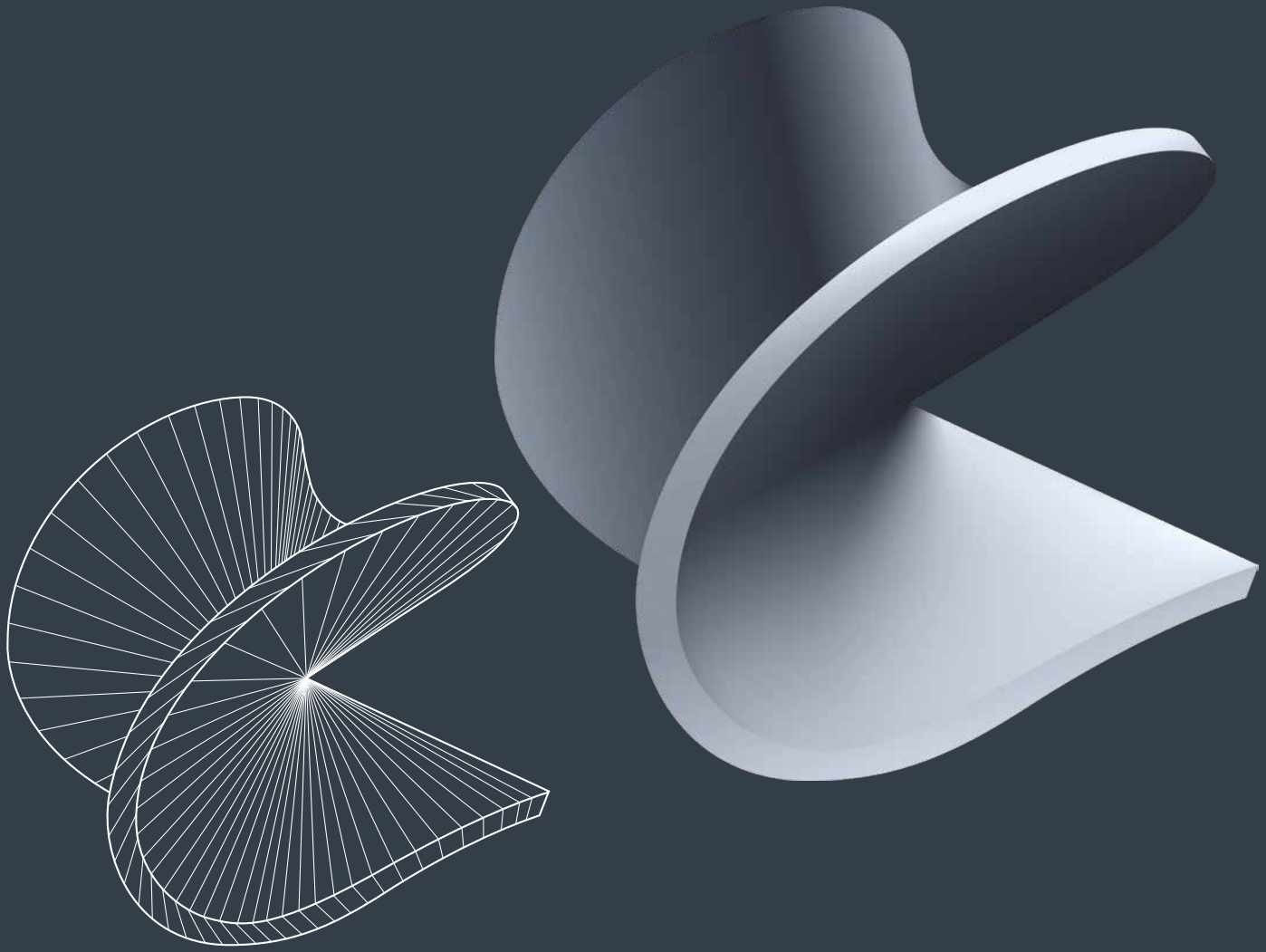
Strike Abutment

Milling

3D Printing

Hybrid

Orthodontics



Fast Production

New Fast Service:
Production and Shipping in 24 hours!

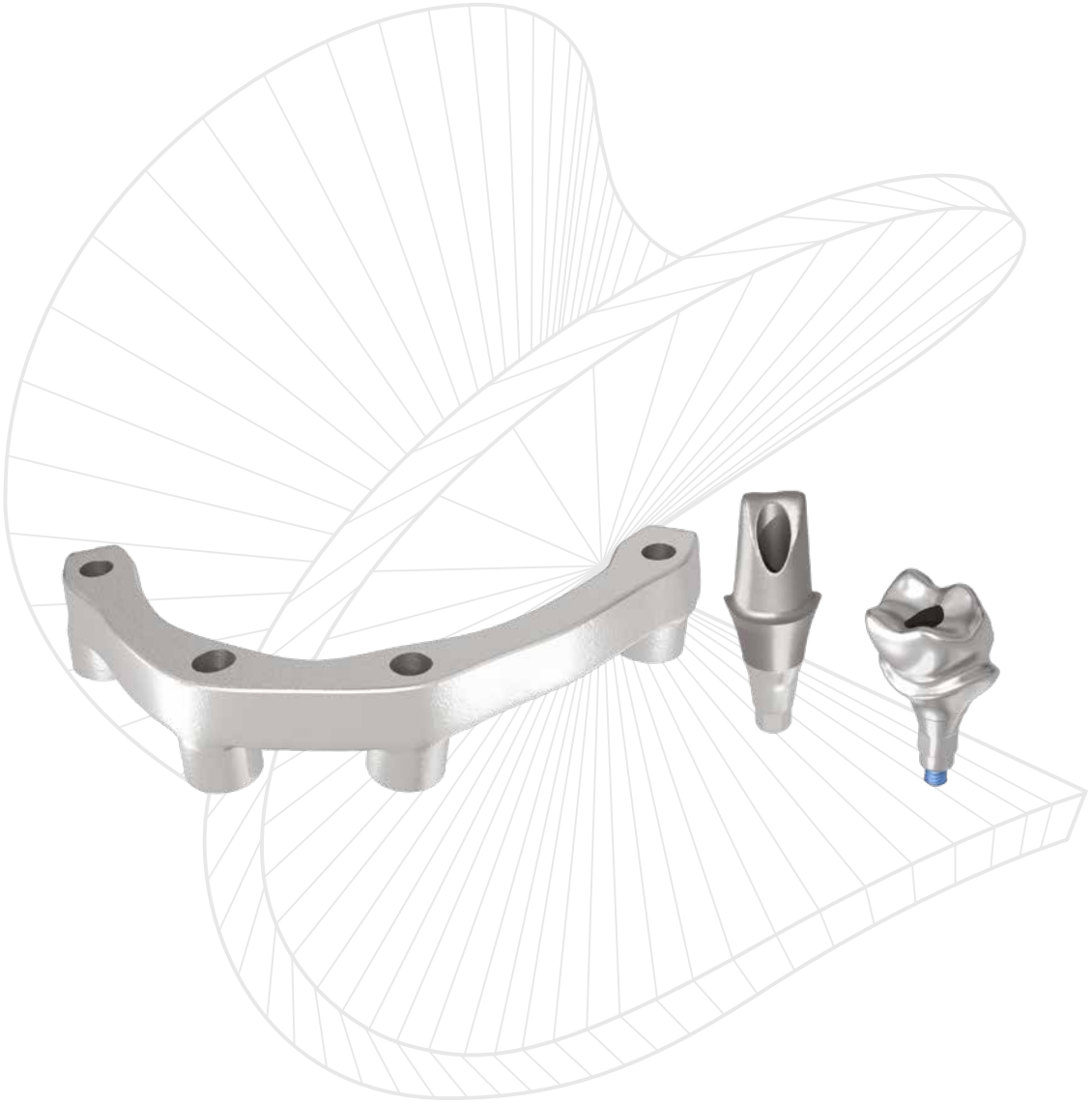
Our production process has become faster thanks to our shipping service in 24 hours for:

- **Milled Titanium Bar**
- **Milled Titanium Abutment**
- **MBase Tech Abutment in Titanium & Cr-Co (Hybrid Production)**

Features

Shipping in 24 hours to meet your needs

Maximum precision achieved through cutting-edge technology



Strike Abutment

It solves non-ideal implant positioning cases in the anterior sector, allowing—thanks to angulation up to 45°—the creation of highly aesthetic cemented prostheses, and offers an excellent prosthetic solution when bone regeneration before implant placement is not possible due to complexity or patient refusal.

Milling

Production on implants and natural teeth

Custom Abutments
and Screw-Retained Single Units

Implant and
Toronto Bridge

Bars Line

Innova System

Bridges | Crowns
Inlays | Veneers

Custom Abutments and Screw-Retained Single Units

Custom Abutments

We produce Individual Abutments and Single Elements for both cemented and screw-retained techniques on all implant platforms available on the market, ensuring faithful adherence to the provided design, high-quality finishing, and excellent fit of the implant connection assembly.

Fast Service

One Step Service

The “One Step” management process for Abutments and Crowns enables both clinicians and technicians to respond quickly to patient expectations.
Upon receiving the manufacturing files, their correct parametrization is verified according to New Ancorvis guidelines, allowing simultaneous production of the structures. This workflow guarantees a positive test outcome and consistently high precision standards.

Custom Abutments

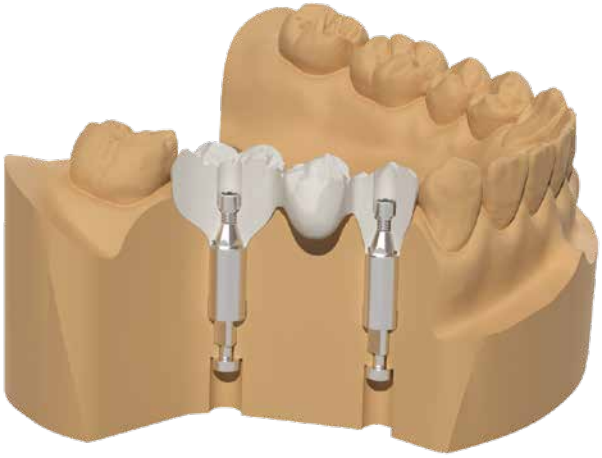
Key Indications	Fixed implant-supported prostheses
Material	CoCr | Ti | Zr | PEEK | Multilayer PMMA*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	1-3*** days depending on the request type
Efficiency	Compatible with all implant platforms available on the market
Additional Services	Angled screw channel Threaded hole Dedicated prosthetic components
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:202

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

Implant and Toronto Bridge

Implant and Toronto Bridge

Our production workflow, with guaranteed predictability and repeatability, makes these processes accessible and easy to use for everyone.



Smart Line

Our Smart Line features a raw morphological finish while ensuring high precision and passivation.
This line includes Implant Bridges and Toronto Bridges for direct screw-retained techniques, produced exclusively in Milled Biomedical Titanium and Cobalt-Chrome, complete with screws.
The prosthetic screw housing, implant connection, and transmucosal pathway are manufactured with the highest degree of finish and precision achievable at New Ancorvis.
It is also possible to request these semi-finished components with an angled screw channel for torque management.

Implant Toronto Bridge

Key Indications	Fixed implant-supported prostheses
Material	Ti | Cr-Co | PEEK | PMMA | Tecnopolymers*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	2-4*** days depending on the request type
Efficiency	Compatible with all implant platforms available on the market
Additional Services	Angled screw channel Threaded hole Dedicated prosthetic components
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:202

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** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

Bars Line

Bars Line

Thanks to an optimized production workflow, we manufacture these structures with a high degree of accuracy and finishing precision, either by submitting a .STL file or using the New Ancorvis design service.

Elite Bar

High-precision milled bar with or without dental attachments or provision for them.

Elite Bar with Attachments

Bars with high-quality finishing and pre-machined attachment housings.

Split Bar

iBar framework to support a cemented secondary bridge in aesthetic materials.

Implant Check Bar

Aluminium bar serving as a verification jig for implant-position checks.

Bars

Key Indications	Screw-Retained Implant Prostheses
Material	CoCr | Ti | Zr | Zt | Al*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	1-5*** days depending on the request type
Efficiency	Perfect adaptation of the structure to any type of connection. No welding required
Additional Services	Threaded hole LV Nobil Metal Attachments with kit Rhein83 Attachments with kit
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:202

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

Fast Bar

Free Shape Milled Bar – produced in 24 hours for aesthetic reinforcements, for immediate loads and for definitive structures.

Fast Service

Innova System

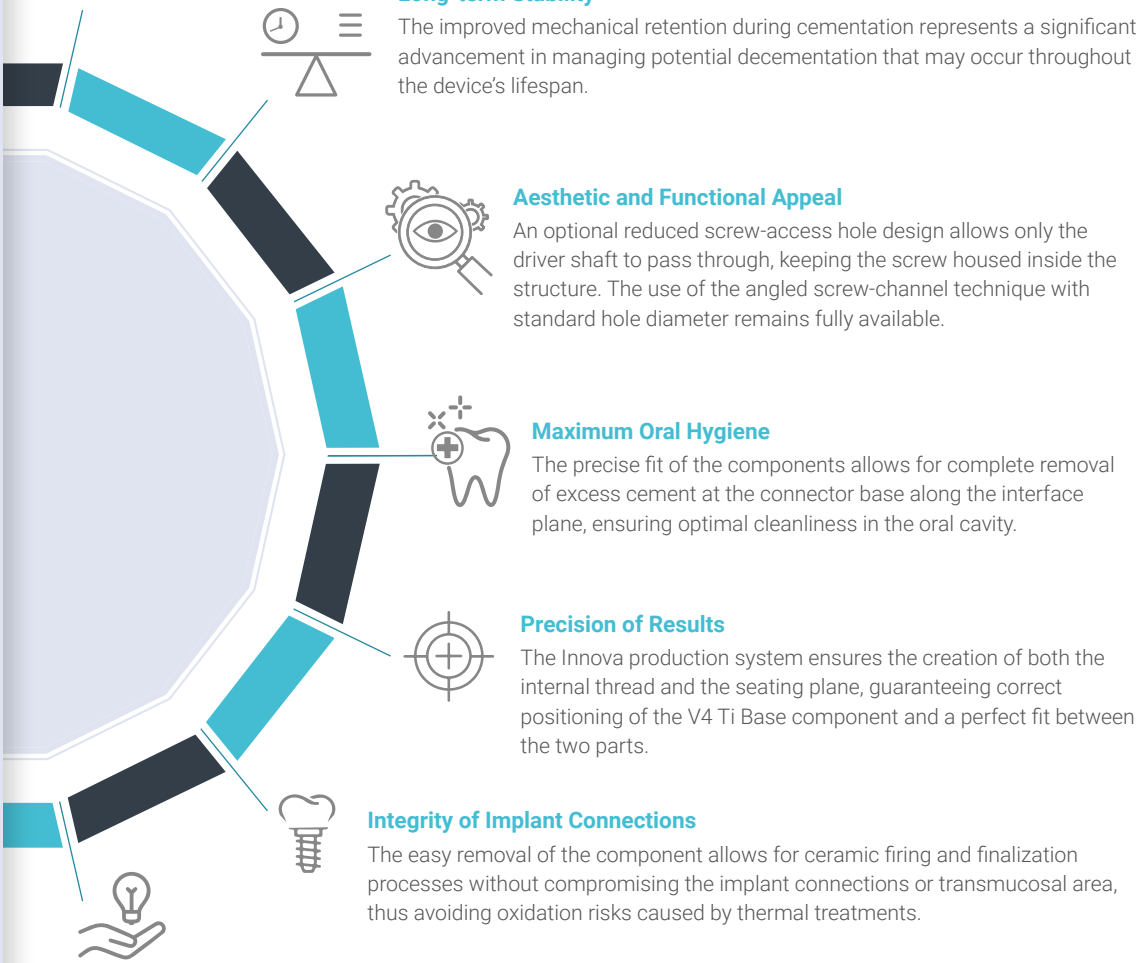
Born as an evolution in the use of V4 TI BASE, this is an innovative method that revolutionizes and simplifies the traditional cementation approach. It allows the V4 Base link to be screwed onto the structure through internal threading and dedicated accessories.

The V4 Ti-Base can be used with both the Innova protocol and the traditional cementation technique, depending on the selected libraries.

Plus

Reduction of production times and management costs

All the phases of temporary cementation and decementation of V4 Ti Base during the test phases into the oral cavity.



Long-term Stability

The improved mechanical retention during cementation represents a significant advancement in managing potential decementation that may occur throughout the device's lifespan.

Aesthetic and Functional Appeal

An optional reduced screw-access hole design allows only the driver shaft to pass through, keeping the screw housed inside the structure. The use of the angled screw-channel technique with standard hole diameter remains fully available.

Maximum Oral Hygiene

The precise fit of the components allows for complete removal of excess cement at the connector base along the interface plane, ensuring optimal cleanliness in the oral cavity.

Precision of Results

The Innova production system ensures the creation of both the internal thread and the seating plane, guaranteeing correct positioning of the V4 Ti Base component and a perfect fit between the two parts.

Integrity of Implant Connections

The easy removal of the component allows for ceramic firing and finalization processes without compromising the implant connections or transmucosal area, thus avoiding oxidation risks caused by thermal treatments.

Model-Free Solutions

Thanks to its high precision, the cementation process can be performed "Model-Free," even in multi-implant cases.

Full In-House Control of PMMA and Zirconia Workflows

Available tools and resources include:

- Dedicated implant libraries and milling strategies for Millbox and Hyperdent CAM software
- Specific CAD libraries for major design platforms
- Milling kits and accessories
- Dedicated libraries for thread printing in 3D production workflows.

Innova Accessories

V4 Clean Tool

Used in post-production as a reamer for metal structures, it effectively removes oxidation from threads generated during ceramic firing cycles, or as a thread-cleaning tool for removing milling residues from Zirconia and PMMA structures.

Torque Wrench Handle (Pilot)

The Pilot torque wrench handle allows the tightening of the link to the structure using the digital analogue. It is universal and compatible with all New Ancorvis digital analogues. It can be used with or without a torque wrench.

Torque Wrench

The New Ancorvis torque wrench (compatible with Nobel Biocare) ensures a precise fit between the V4 Base connector and the prosthetic structure. Manual tightening is also possible as an alternative.

Bridges
Crowns
Inlays
Veneers

Bridges, Crowns, Inlays, Veneers

The wide variety of available materials, combined with our expertise and state-of-the-art machinery, allow us to meet any prosthetic design requirement.

Partial Restorations

Overlays

Veneers

Maryland Bridge

California Bridge

Bridges

Crowns

Inlays

Veneers

Key Indications	Cement-retained prosthesis
Material	Aesthetic PMMA composite disilicate Zr | CoCR | Ti*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	1-4*** days depending on the request type
Flexibility	Thanks to the use of a dedicated zirconia line available in a wide range of shades, zirconia bridges and crowns can also be produced in an eco version — at affordable and competitive prices
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:202

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

3D Printing

Prototyped Models

Accessories

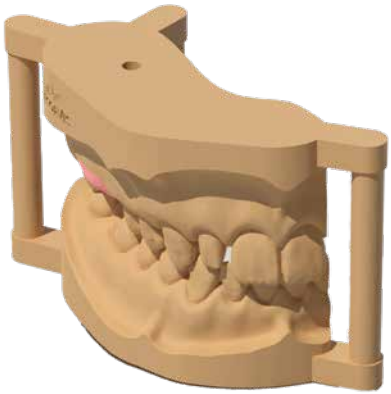
Removable Partial Dentures (RPDs)

Prototyped Models

Prototyped Models

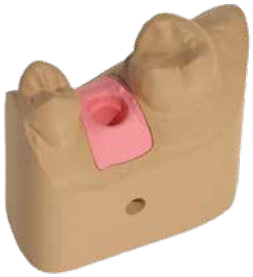
Using 3D printing technology, we produce models for implant-supported prostheses featuring specific analogues and removable soft resin gingiva, antagonist models, and models for cement-retained prostheses with removable dies and dedicated CAD parameters. New Ancorvis' production workflow ensures perfect correspondence between the original file and the manufactured model.

The accuracy certification provided by New Ancorvis is based on specific measurement systems that verify compliance with the defined tolerance ranges.



Emi and Full Arch Models

For opposing 3D printed models, a dedicated articulation system can be applied.



Essential Models

Thanks to the included removable die, the Essential model allows for easy laboratory testing and precise management of mesial and distal contact points. Essential is a simple and cost-effective solution.

Split-Cast Models

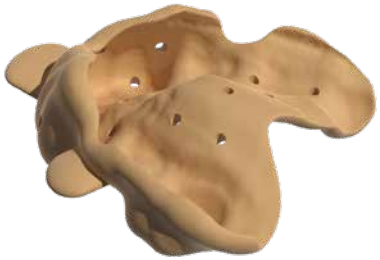
This model type is created using the Split-Cast technique, enabling easy mounting on an articulator while ensuring precision and functionality.

Key Model

This model, with fixed dies and a relieved gingival area near the dental collar, is specifically designed to ensure accuracy and avoid soft tissue interference during structural testing.

Control block

We produce control blocks to identify the correct tolerance parameter for the precise insertion of the analogue in its designated position, for in-house model fabrication. The file can be requested free of charge by writing to: rp@newancorvis.eu.



Individual Impression Tray

Removable Gingiva

On request, we design removable soft resin gingival sections (pink-colored) to ensure correct management of transmucosal pathways.

Removable Dies

A practical support for verifying the fit and refining the crown margin.

Removable Partial Dentures (RPDs)

Our RPDs are produced in Titanium and Cobalt-Chromium using SLM technology.
It is also possible to request design, finishing, and fitting services for the RPD.

Hybrid

MBase

Aesthetic Duo

Duo Line

M² Line

MBase Tech

MBase Tech

Next-Generation Screw-Retained Single Units

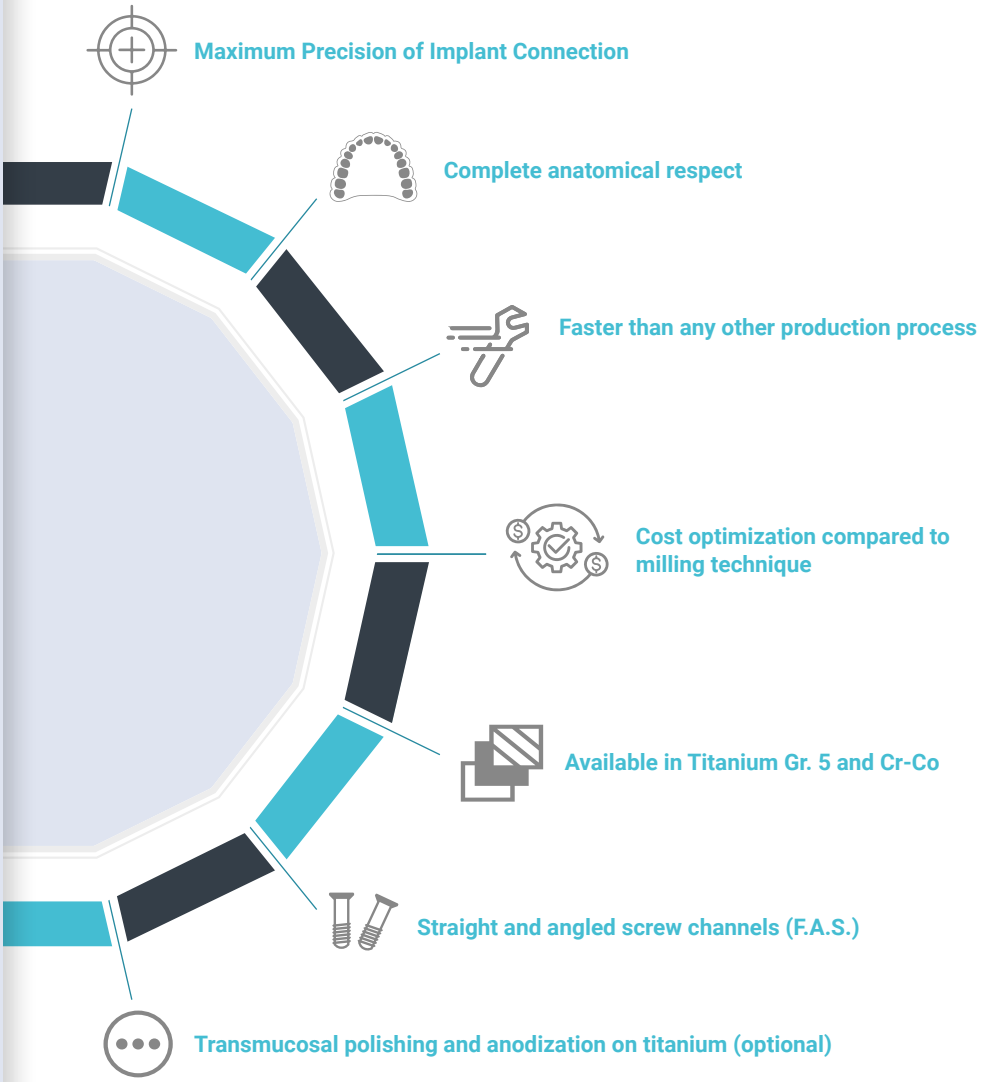
Using innovative manufacturing technology, we offer implant abutments and Screw-Retained Single Units on implants, made of Cobalt-Chromium and Titanium, ready within 24 hours, without compromising quality and with full assurance of adherence to the designed geometry.

The implant connection and screw seat are obtained through turning, ensuring unmatched precision, while the anatomical portion is created using Selective Laser Melting (SLM) technology.

MBase libraries are available for Exocad, 3Shape, and DWOS.

Fast Service

Plus


Maximum Precision of Implant Connection
Complete anatomical respect
Faster than any other production process
Cost optimization compared to milling technique
Available in Titanium Gr. 5 and Cr-Co
Straight and angled screw channels (F.A.S.)
Transmucosal polishing and anodization on titanium (optional)

MBase Tech

Key Indications	Fixed implant-supported prostheses
Material	Ti | CoCr*
Workflow	Digital
Warranty	10 years for metals**
Production Time	24h

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.

Aesthetic Duo

Aesthetic Duo

Excellent Combination of Strength and Aesthetics

Aesthetic Duo consists of two main elements:

- **Primary Bar**: Made of Titanium or Cobalt-Chromium **Selective Laser Melting M2**, it is screwed onto the implants. The implant connections, mucosal support, and chamfer closing margin are finished via milling. The customized design of the primary bar and the external surface grinding ensures a perfect fit with the anatomical volumes of the secondary structure.
- **Secondary Structure**: A monoblock milled from Zirconia, PMMA, composite materials, or resin for aesthetic testing, which connects to the primary bar. Over time, only the anatomical part of the prosthesis can be replaced without changing the entire structure.

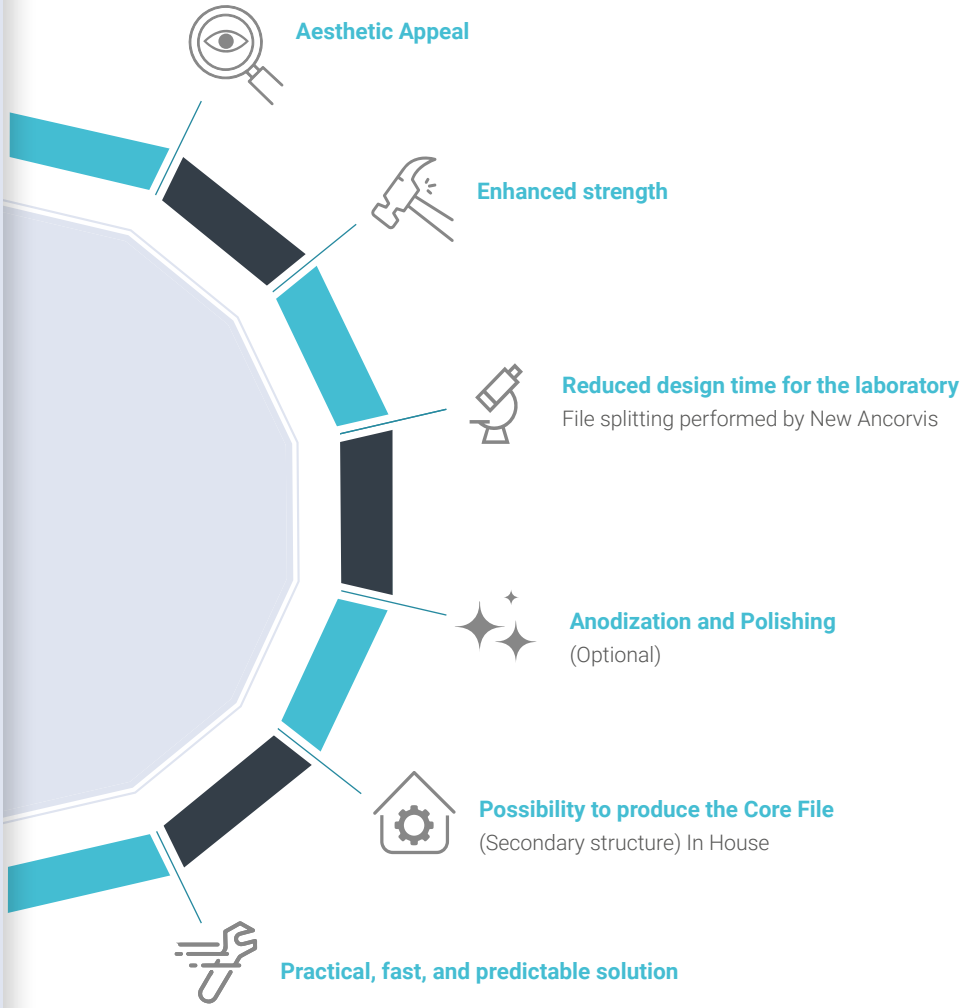
Extension available upon request

SMALL (up to 3 elements), FRONT (4 to 6 elements), FULL (7 to 14 elements)

Plus Services

- Single/Double Anodization
- Polishing

Plus



Aesthetic Appeal

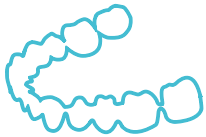
Enhanced strength

Reduced design time for the laboratory
File splitting performed by New Ancorvis

Anodization and Polishing
(Optional)

Possibility to produce the Core File
(Secondary structure) In House

Practical, fast, and predictable solution



Aesthetic Duo

Key Indications	Fixed implant-supported prostheses
Material	Ti | Cr | Co | Melting M2 | Zr | PMMA Composite Materials Prototyped resin for aesthetic tests*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	3-4*** days depending on the request type
Efficiency	Aesthetic Duo offers the possibility to make adjustments over time by replacing only the anatomical part
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:2021

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

Aesthetic Duo In House

The flexibility to customize the cementation gap between the primary bar and the secondary structure allows the process to be tailored to specific needs.

Furthermore, the secondary structure can be divided into multiple parts in order to:

- Simplify In House milling, ensuring easier management of insertion axes and angular limits of milling machines.
- Facilitate future repairs in case of fractures, enabling intervention on a specific area without affecting the entire structure.
- Use different materials in various parts of the prosthesis — for example, aesthetic zirconia in the anterior region and stronger zirconia in the posterior region — while minimizing material waste during milling.

Once the design and separation of the structure are completed, the file of the aesthetic part (Core File) can either be used for In House production or produced directly by New Ancorvis.

Key Point

The primary bar is always produced by New Ancorvis, ensuring faithful reproduction of external volumes, maximum precision of implant connections, and the option to manufacture the prosthesis as separate components if required.

Duo Line

Duo Line

Primary and secondary structures

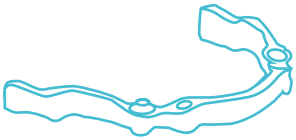
DUO represents the synergy between two complementary products (both with attachments or prepared for them):

- Primary bar: screwed onto implants, produced by milling (available in Titanium Grade 5 or Cobalt-Chromium alloy).
- Secondary structure: produced through additive manufacturing technology using Titanium Grade 5 and Cobalt-Chromium, available in two versions: M (SLM) and M2 (SLM followed by milling refinement).

For aesthetic trials, resin prototypes are used, while Zirconia, PMMA, and composite materials are produced through milling.

Plus Services

Polishing service is available exclusively for the primary bar.



Duo Line

Key Indications	Implant-supported removable prosthesis
Material	Ti | Cr-Co SLM variation M/M2 | Zr | PMMA composite materials Protyped resin for aesthetic tests*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	3-7*** days according to the request type
Efficiency	Simultaneous fabrication of both components allows for a significant reduction in production time.
Additional services	Threaded hole Angled screw channel Integration of attachments into primary structure Integration of attachments housing into secondary structure
Flexibility	It is possible to produce bars with attachments and secondary structures featuring geometric precision at the interface and complete design freedom to support the chosen aesthetic veneering material
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:2021

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

M² Line

M^2 Line

Hybrid Structures - Selective Laser Melting and Milling

M^2 is a product line including single units and screw-retained bridges on implants, bars, and secondary structures made of Cobalt-Chromium alloy and Titanium Grade 5.

They are produced using Hybrid Manufacturing, which combines the advantages of additive technology (Laser Melting) and selective milling (specifically for the screw seat, implant connection, and transmucosal channel).

M² Line

Key Indications	Implant-supported removable prosthesis
Material	CoCr | Ti*
Workflow	Digital / Analog
Warranty	10 years for metals**
Production Time	2-4*** days according to the request type
Efficiency	Creation of the two components with a strong reduction of the production time
Additional services	Threaded hole Angled screw channel Integration of attachments into the primary structure Integration of attachments hoursing into secondary structure
Flexibility	It is possible to produce bars with attachments and secondary structures with precise geometric interfaces and total design freedom, supporting a wide range of aesthetic veneering materials
Quality	The entire design and production process is carried out within a Certified Quality System UNI CEI EN ISO 13485:2021

* We recommend checking the material limitations in the dedicated **Materials** section on the NALOADING platform.
** Please refer to the **Certifications and Warranty** section at www.newancorvis.eu.
*** The order receipt date is not included.

Orthodontics

SLM structures
for orthodontic use

Occlusal Splint and
Orthodontic Models

SLM Orthodontic Structures

SLM structures for orthodontic use

TADS Fixing Structure

Fixed Retained

HERBST

Bands

Rapid palatal expander

TPA Arch

Welded Arch

Occlusal Splint and Orthodontic Models

We manufacture occlusal splints of any kind upon receipt of .STL files.

We also produce models for both orthodontic structures and clear aligner orthodontics.

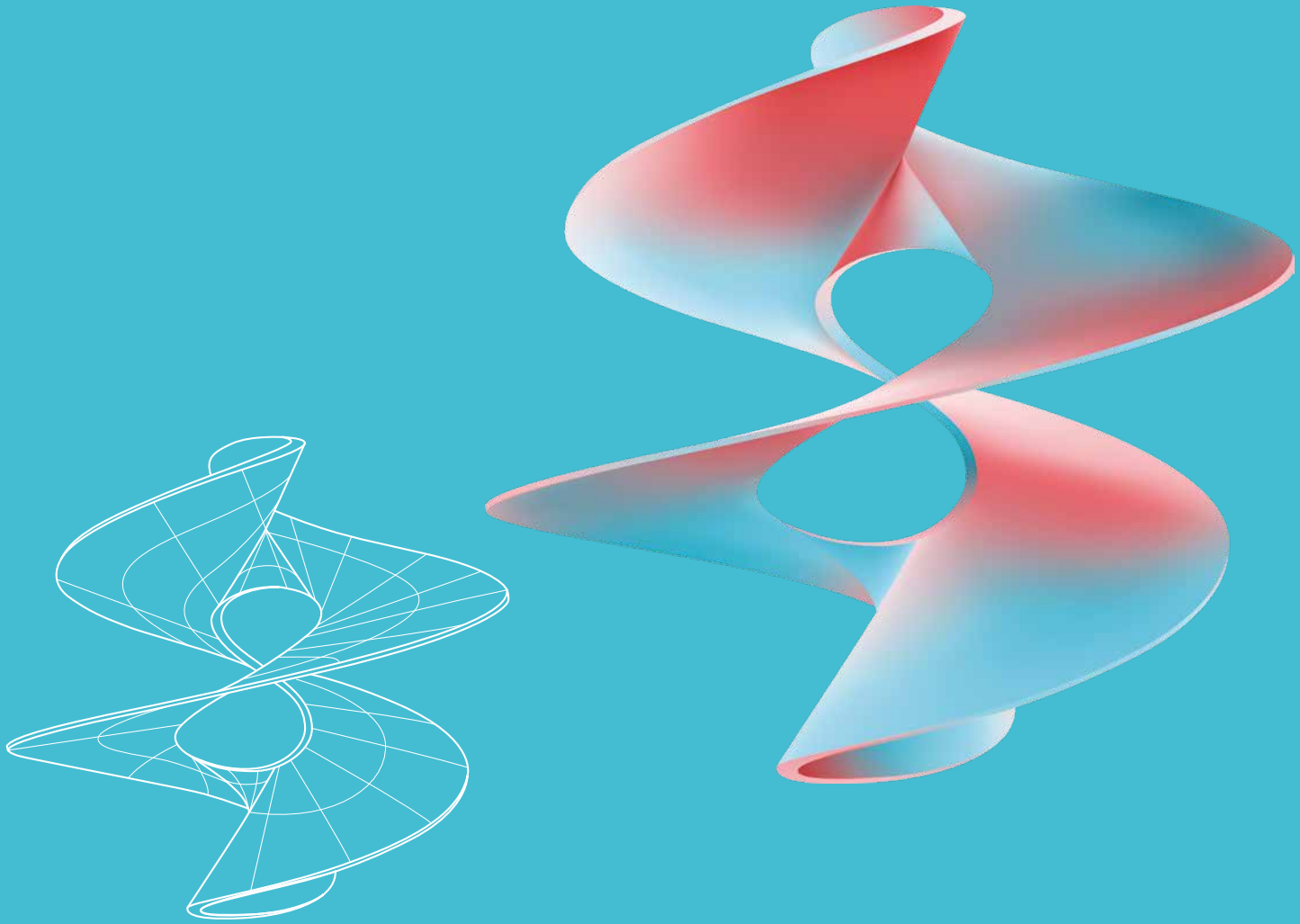
NEW ANCORVIS®

DIGITAL SERVICES AND CAD LIBRARIES

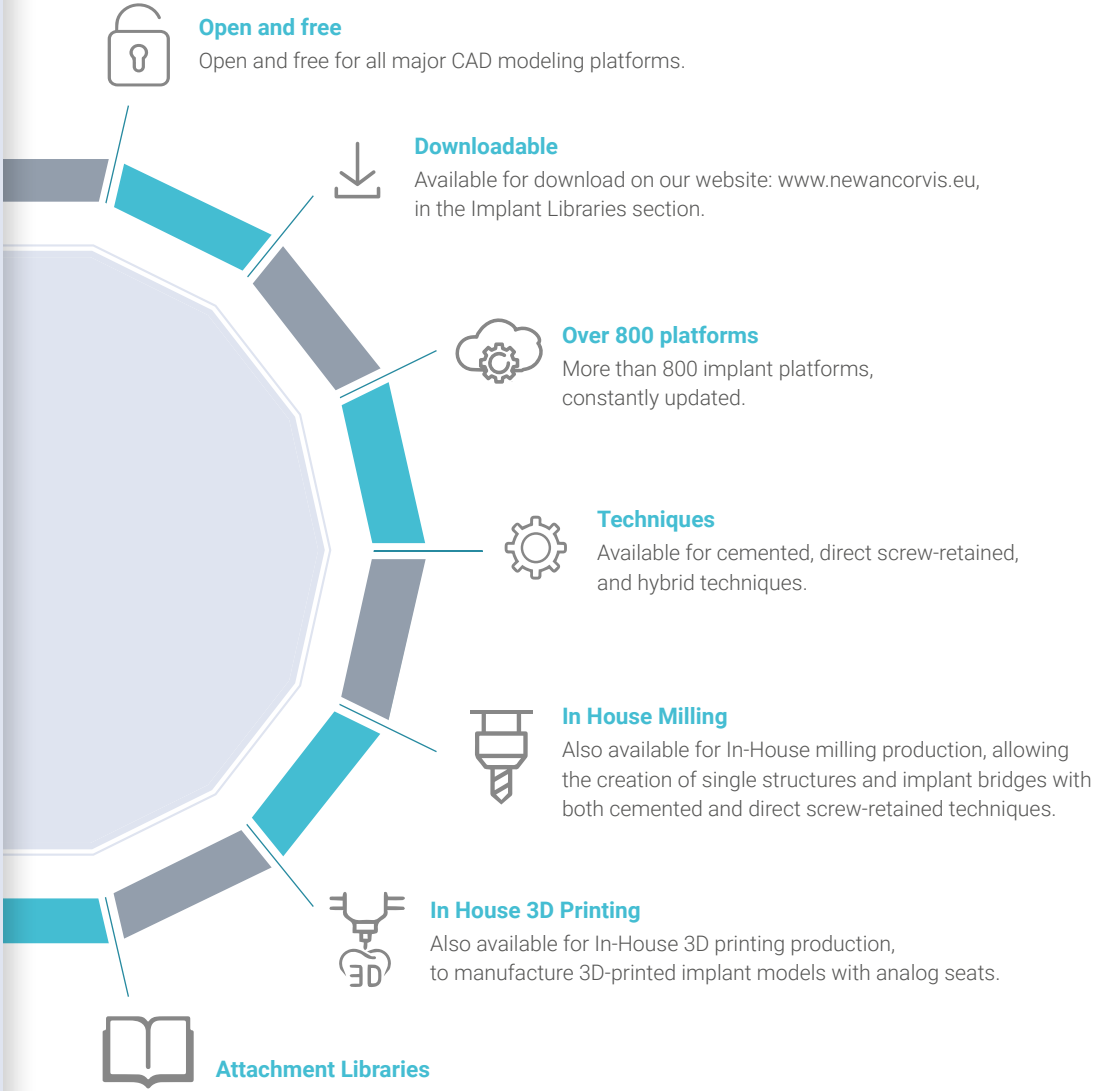
Implant Libraries

Passepartout

Implant Detector



Implant Libraries



Open and free
Open and free for all major CAD modeling platforms.

Downloadable
Available for download on our website: www.newancorvis.eu, in the Implant Libraries section.

Over 800 platforms
More than 800 implant platforms, constantly updated.

Techniques
Available for cemented, direct screw-retained, and hybrid techniques.

In House Milling
Also available for In-House milling production, allowing the creation of single structures and implant bridges with both cemented and direct screw-retained techniques.

In House 3D Printing
Also available for In-House 3D printing production, to manufacture 3D-printed implant models with analog seats.

Attachment Libraries

Digital components

New Ancorvis and In House production	Dedicated digital components
Libraries for Cement-retained Technique	
• Various transmucosal heights • Variable friction levels • Suitable for angled screw channels	• AQ-V4 Marker Scanbody • One Shot – Scan Reply* Scanbody • Link In System • V4 Base • Specific screws for angled screw channel
Libraries for 3D Printing Production	
• Various digital analog seat tolerances	• AQ-V4 Marker Scanbody • One Shot – Scan Reply* Scanbody • Digital analog • Digital analog introducer
Libraries for Direct Screw-Retained Technique	
• Available for both engaging and non-engaging connections • Available for straight and angled screw channel (F.A.S.) • Compatible with metal and zirconia structures • Full milling • M^2	• AQ Scanbody • One Shot - Scan Reply* Scanbody • Sly System • MUA • MUA Slim Fit • Prosthetic screws • Screws for angled channel • Premilled • Premilled holder for In-House milling machines

* Where applicable.

Multiscanbody Libraries

The recent introduced New Ancorvis multiscanbody libraries integrate the original scanbody libraries inside the New Ancorvis own libraries, by including even those developed for New Ancorvis' markers.

The libraries are available for the main implant systems released on the market and for the producers of compatible components among which there are **Arum, Medentika, Dess** and **Elos**.

ARUM

MEDENTiKA®
A Straumann Group Brand

DESS
DENTAL SMART SOLUTIONS

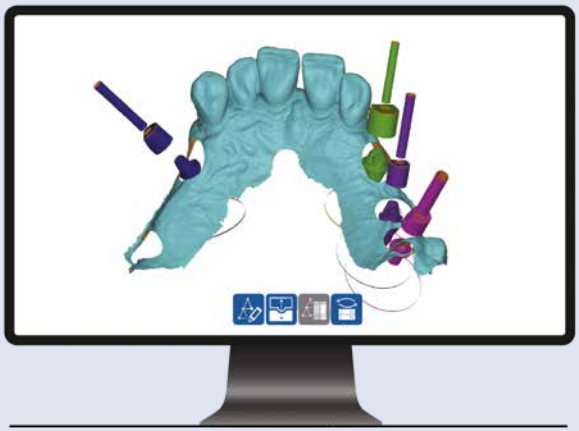
ELOS

Passepartout

Free Software for the conversion of scanbody and the advanced components planning

Functions	
Conversion	Perform the scanbody conversion in only 3 clicks!
MUA Positioning	Place the MUA directly from the intraoral scan.
Customized Digital Prosthetic Components	Use the dedicated tools to evaluate the optimal height, diameter, and angulation of customized MUA components.
Efficiency	Automatic generation of the secondary scanbody on MUAs, enabling accurate creation of the references needed for the immediate-load provisional prosthesis.

New Functions	
M.U.A. Positioning	
Angle Tester	
Tissue Tester	



DOWNLOAD IT NOW!

Implant detector

Implant Recognition Service

New Ancorvis develops customized geometries for you!
If you are unable to identify the implant present in the patient's oral cavity and need to restore it — or if the patient does not have the implant passport — with Implant Detector we will be able to solve your problem.
It's simple: consult the protocol and fill out the request form to include in the package.

Protocol

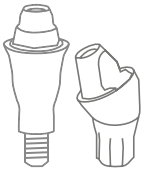
Request form

Customized Components

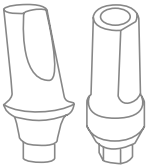
Upon request and according to customer specifications, customized components are manufactured using CAD/CAM production.

Ti Base

Digital Analogs



Multi Unit Abutment (MUA)



Ti/Cr-Co or Castable Abutments

Spherical Abutments Rhein 83

Impression Transfers

Healing Caps

Cap

Release on the market and CE marking responsibility charged to the client.

Your options

DIGITAL Workflow

FROM STL FILE

You design
We produce

- FAST LINE orders closing: at 1 PM
- STANDARD orders closing: at 2 PM
- The FAST orders received after 1 PM and the STANDARD orders received after 2 PM will be managed starting from the day after

DIGITAL Workflow

INTRA ORAL SCANNING DESIGN

You scan
We design and produce

- Send the intra oral scanning or the plaster model
- We will proceed with the design and production
- Orders closing: 2 PM

ANALOG Workflow

FROM PLASTER MODEL + STL FILE

Send the model
We produce

- Send the real model and the planned/waxup reduced stl file
- We will perform the tactile scanning and production
- The production time starts from the plaster model reception by New Ancorvis

ANALOG Workflow

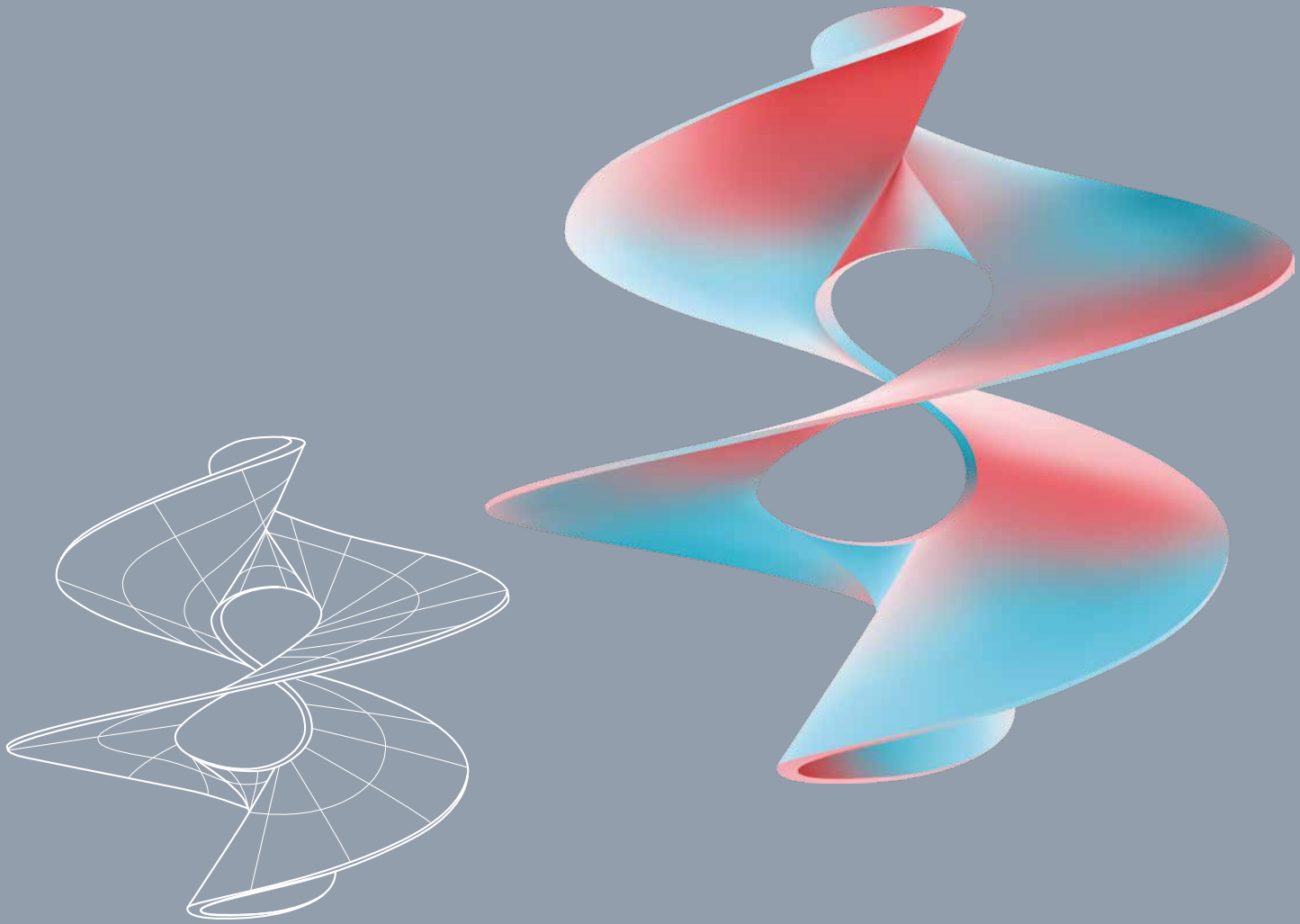
PLASTER MODEL DESIGN

Send the model
We design and produce

- Send the real model (with the aesthetic assemble/antagonist)
- We will proceed with the design and production
- The production time starts from the plaster model reception by New Ancorvis

NEW ANCORVIS®

CONTACTS AND CUSTOMER ASSISTANCE



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Please send us a WhatsApp message by requesting the service activation and indicating name, surname, and company name.

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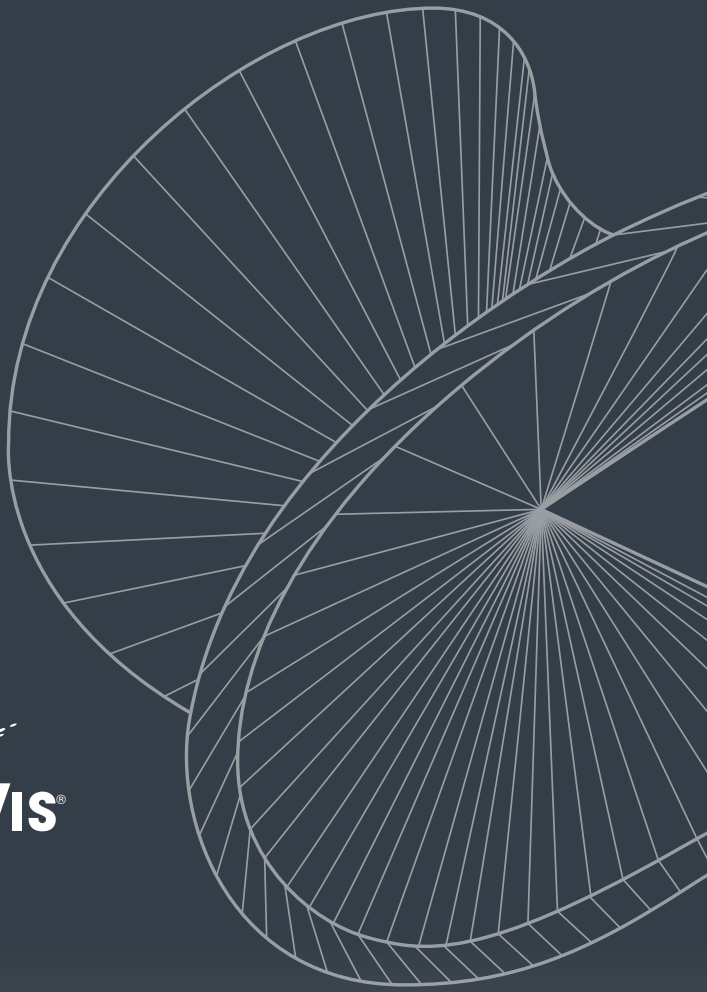

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