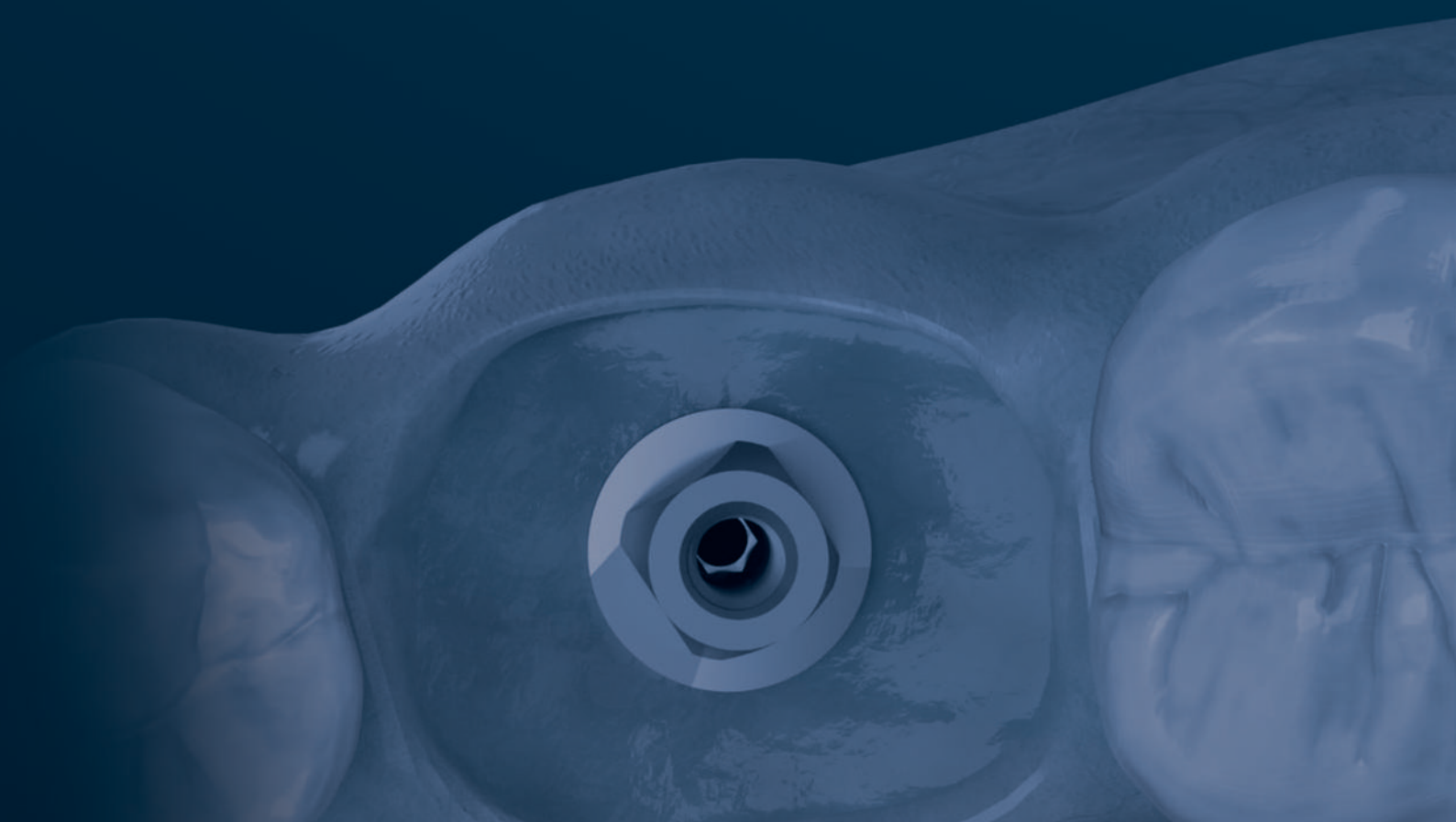
VP INNOVATO HOLDINGS

iCervico

A disruptive new concept in implantology



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iCervico components

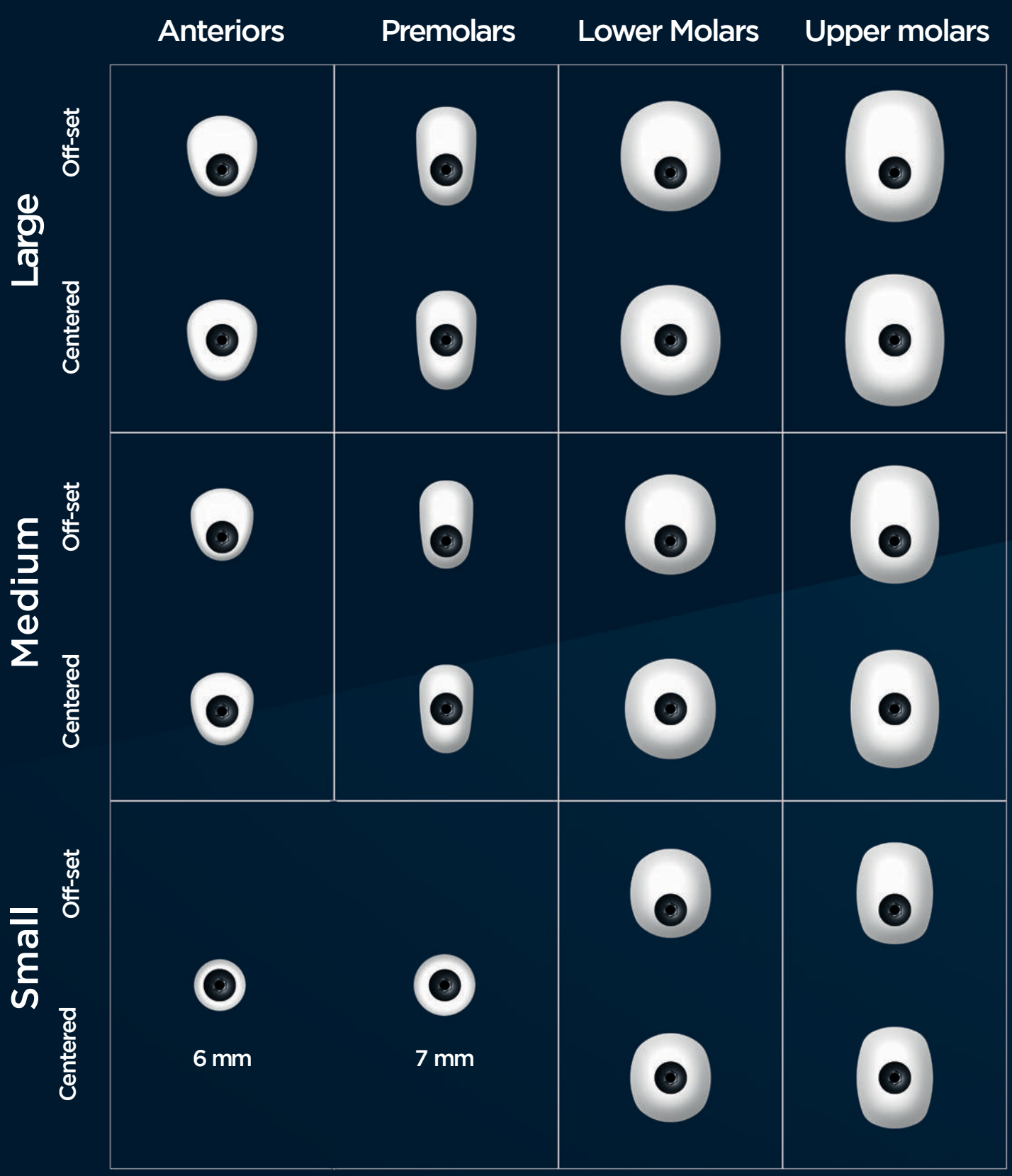
Retention screw

AR / R - Sleeve

iCervico Healer

i-base

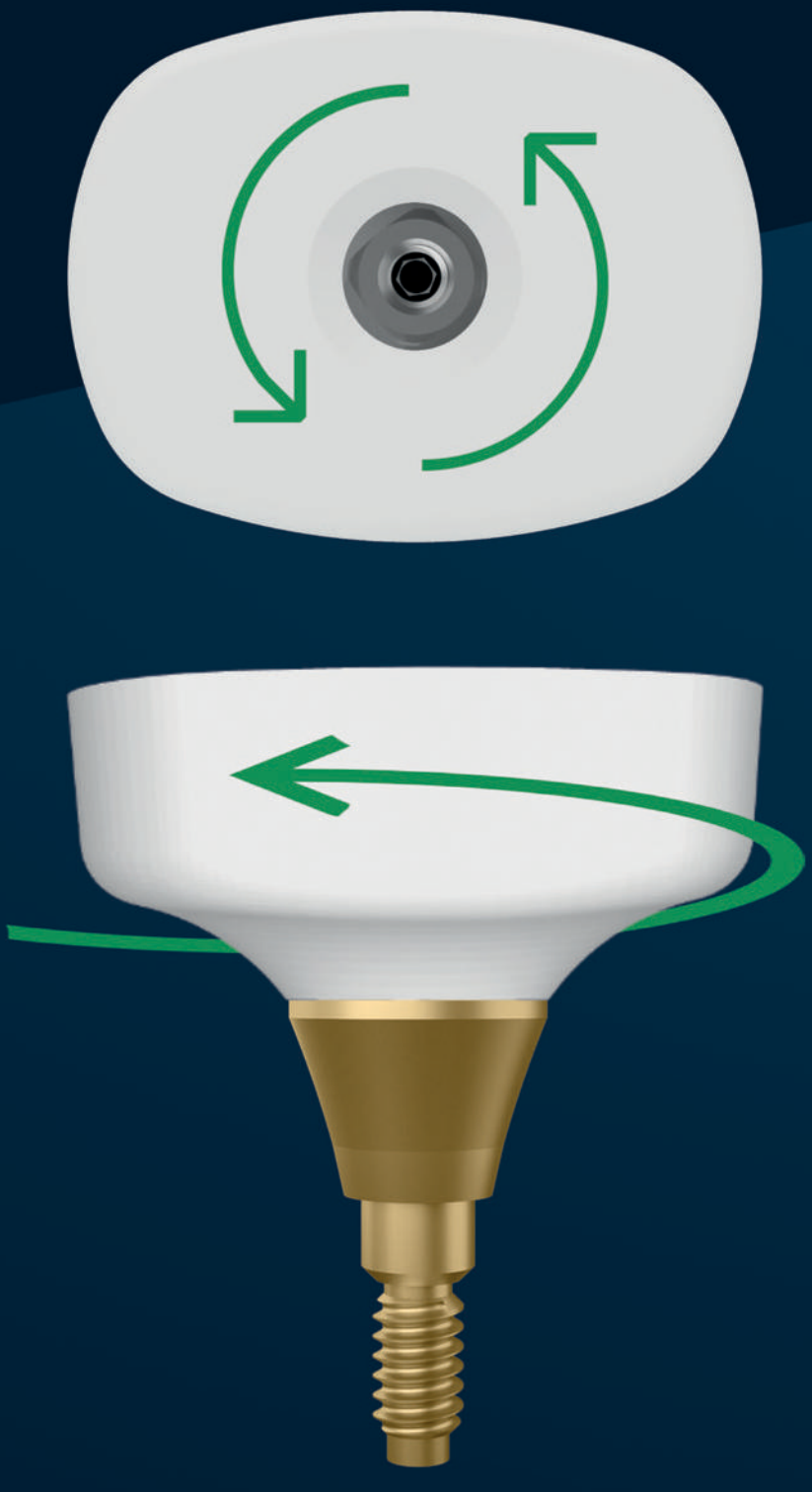
iCervico Healers



iCervico Healer

Free rotation and customization of the iCervico healer.

The iCervico healer can be oriented ideally on the i-base independent of the implant prosthetic connection / interface orientation, without affecting the digital protocol.



i-base

4 scan mark surfaces

Direct scanning in surgical and / or prosthetic phase, eliminating the need for scan posts

Up to 3x more surface area than an external hex implant

Reduced stress on prosthesis retention screw

Quad-surface geometry with 10° bevel

Superior fit of prosthesis, eliminating the marginal micro-gap and prosthesis mobility

Variety of cuff heights

Adaptability to implant depth placement and supra-crestal soft tissue height.

- 1.5mm
- 2.5mm
- 3.5mm

Concave design shoulder with 15° emergence angle

Favorable soft and hard tissue response

Regulating 30° angulation of implant & an additional 30° angulation of the screw access bore in 360° arch

One-piece

Absence of chimney eliminates risk of bacteria infiltration to implant platform

Why i-base

One digital abutment for all stages of treatment

- Direct scan post
- Superior design for aesthetics
- Innovative design for prosthesis retention
- Suitable for both single and multiple prosthesis
- Functional with both analogic and digital protocols

Abutment level prosthetic protocol

- No unnecessary transgingival component disconnections that can lead to tissue recession
- Easy evaluation of prosthetic component fit during all restorative stages; simplifying the restorative process of conical connection implants.
- Allows up to 30˚ angulation correction (short AR/R- sleeve)

Multi purpose sleeves

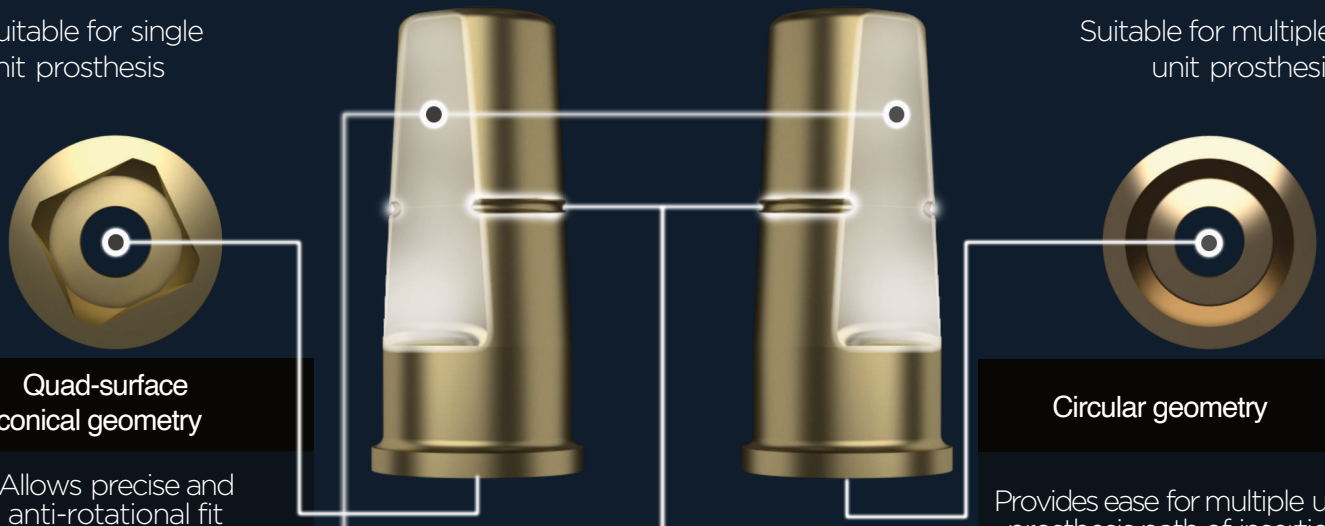
- **Titanium sleeve prosthesis interface -** ensuring ideal prosthesis fit and retention
- **Scan-post extension** - for cases where the geometry of the i-base cone is not easily scannable

AR - Sleeve I Anti - Rotational

Suitable for single unit prosthesis

R - Sleeve I Rotational

Suitable for multiple unit prosthesis



Quad-surface conical geometry

Allows precise and anti-rotational fit onto the i-base

Circular geometry

Provides ease for multiple unit prosthesis path of insertion

Two external flat surfaces for:

- Stable and precise fit into the prosthesis
- Scan mark surface

Embedded cut-mark

allows for quick and accurate alteration of sleeve height.

Retention Screw

Innovative retaining screw made of Ti6Al4V alloy with a diameter of M1.6 (similar diameter with TI-BASE retaining screw) allowing a screw torque of 30 N/cm.

Corrects up to 30 degrees of angle in a 360 degree direction.

ACCESSORIES | Lab analog - Impression post - ISQ

iCervico lab analog

- One analog for all i-base options
- Compatible with both analogic and digital protocols
- Innovative design for accurate positioning into the 3D printed models

Impression post

- Suitable for both single & multiple unit cases
- Suitable for both open and closed tray impression techniques.
- Scannable version available

Smart peg - ISQ

- iCervico Smart Peg for ISQ measurements.
- Easily evaluate implant stability without disturbing the soft tissue seal.

Clinical protocol

Healing stage

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Prefabricated iCervico healers

Clinical protocol

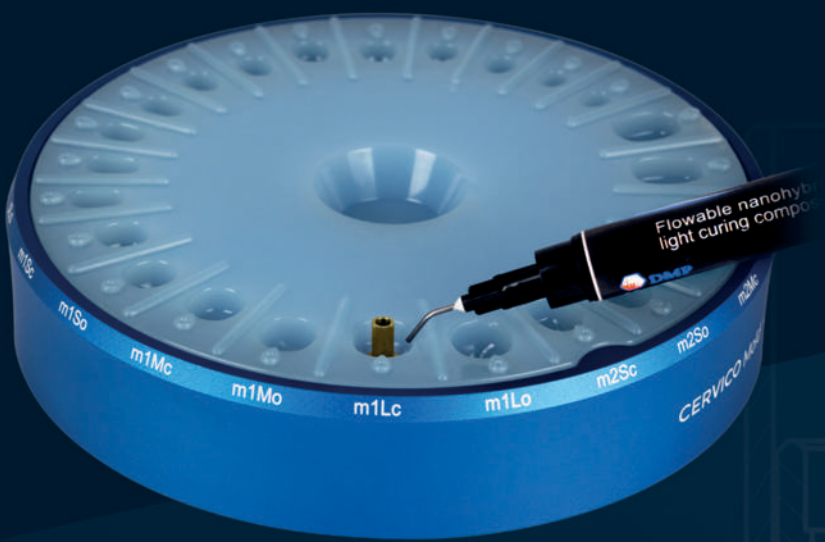
Utilize the desired iCervico healer directly on top of the i-base.

Chairside iCervico healers

Clinical protocol

Make chair-side your own iCervico healers with the use of CERVICO MOLD by customising the R-sleeves with either of the following workflows:

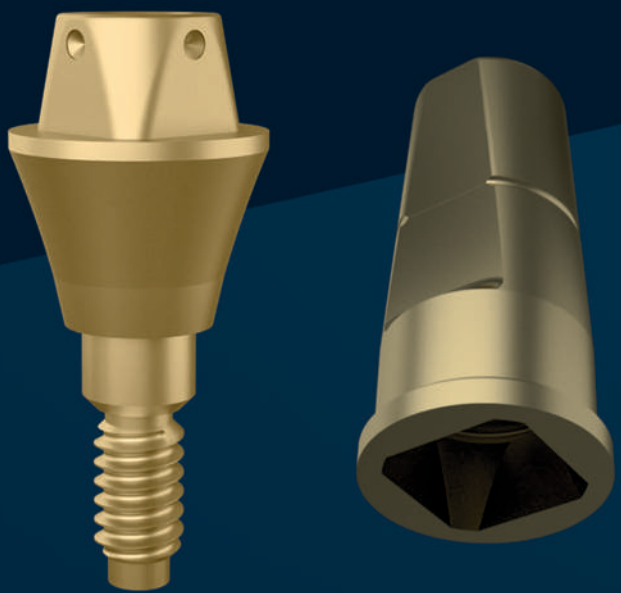
- Use the R-sleeve to create an anatomical abutment which can be then customized into a temporary prosthesis
- Cut the R-sleeve extension and fabricate an anatomical healing abutment



iCervico healing abutment

iCervico temporary abutment

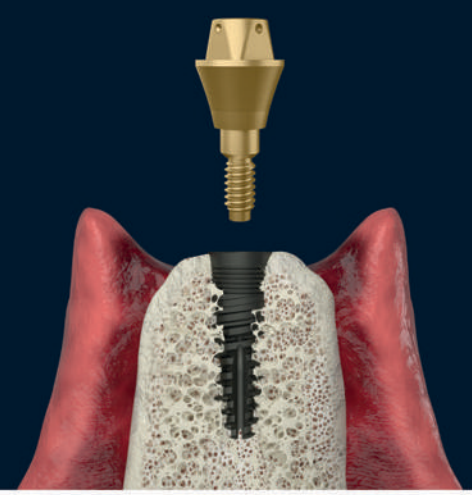
Clinical protocol



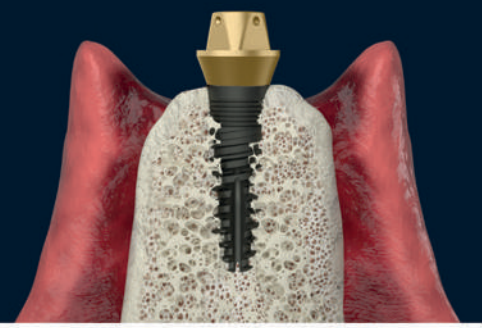
Single unit prosthesis

Clinical Protocol

Single unit prosthesis



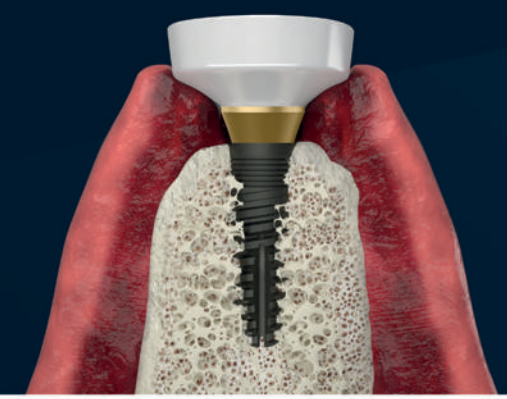
Install i-base onto the implant



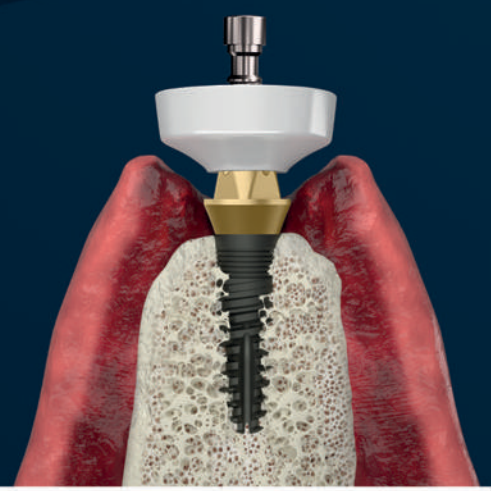
Install the iCervico healer onto the i-base

Orient the iCervico healer

Secure the iCervico healer with the screw



After completion of osseo & muco-integration remove the iCervico healer in order to proceed with digital or analogic impression stage



3 different Scanning / Impression stage options

a. Direct scan of i-base

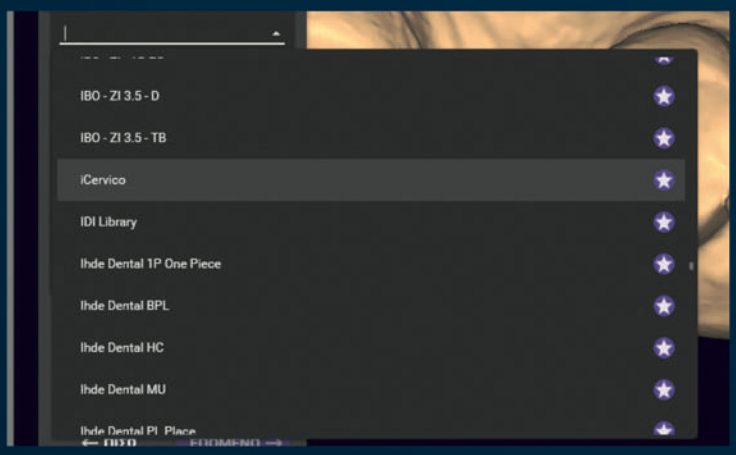
b. Install AR-sleeve or digital impression post and scan

c. Install Impression post coupled with the screw and proceed with analogic impression

Register opposite arch and occlusion, and share with the Lab.

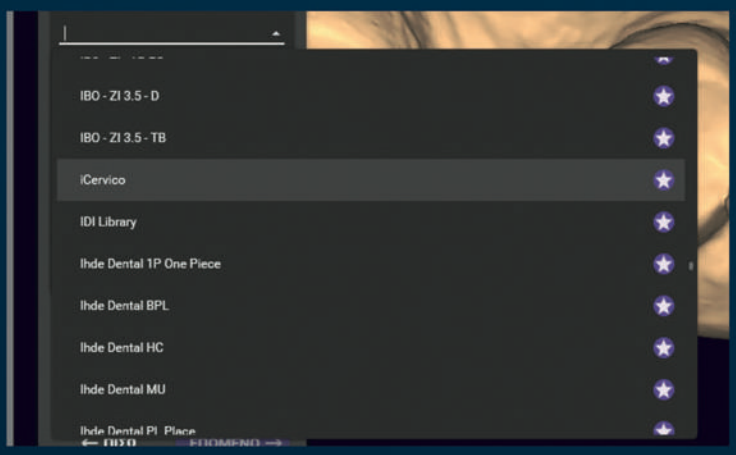
Reinstall the iCervico healer after scan / impression

Lab Protocol



Utilize the iCervico digital library and declare the single digital scan as:

1. Jaw
2. Soft Tissue
3. Scan Post Proceed

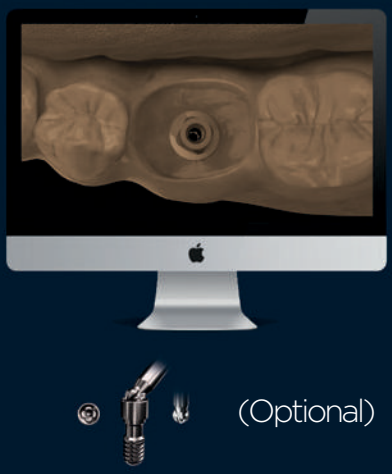


Chose on the library the type of prosthesis:

a. Single unit	• AR-sleeve, long • AR-sleeve, short
b. Bridge	• R-sleeve, long • R-sleeve, short

Proceed with prosthesis design

Lab stage



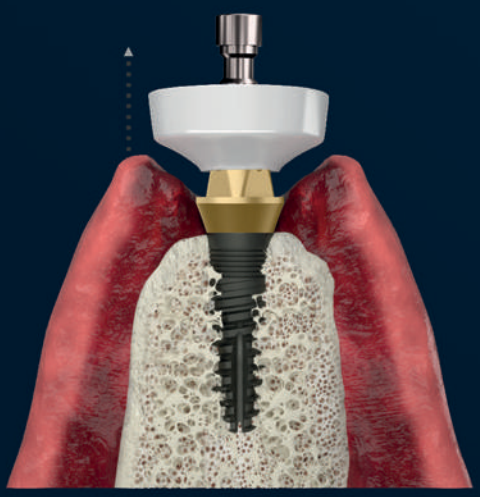
Adjust screw channel angulation if necessary (up to 30°) with short AR-sleeve

Utilize the appropriate height AR-sleeve

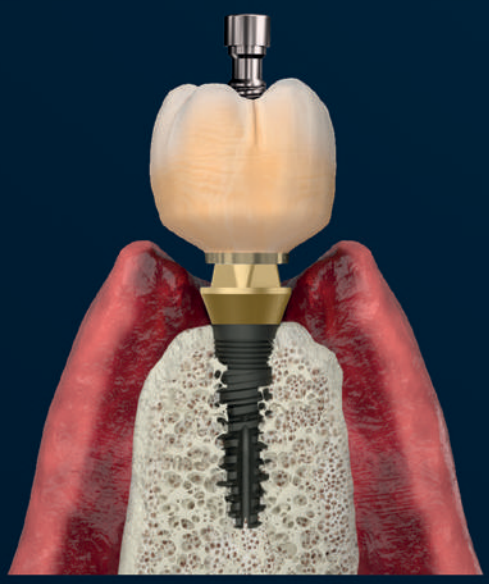
Fabricate the provisional or final prosthesis

Cement the AR-sleeve into the prosthesis extraorally

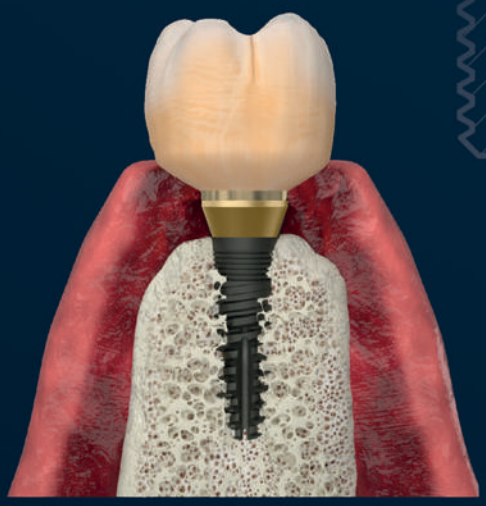
Delivery stage



Remove the iCervico healer

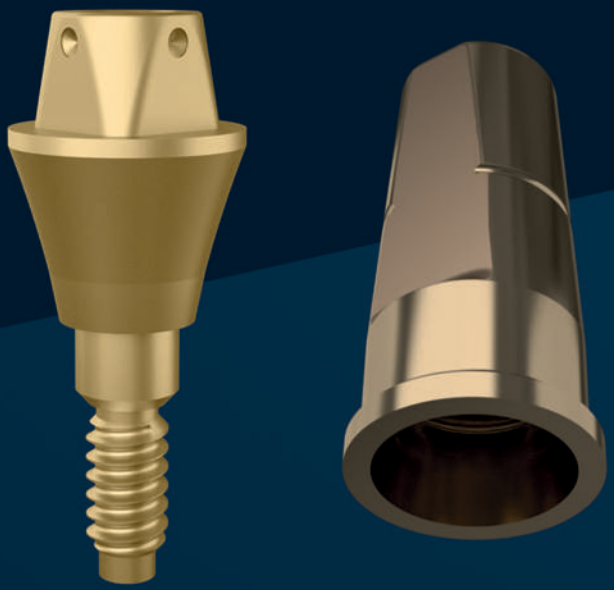


Install the screw-retained prosthesis on the i-base



Apply 30 N/cm torque

Clinical protocol

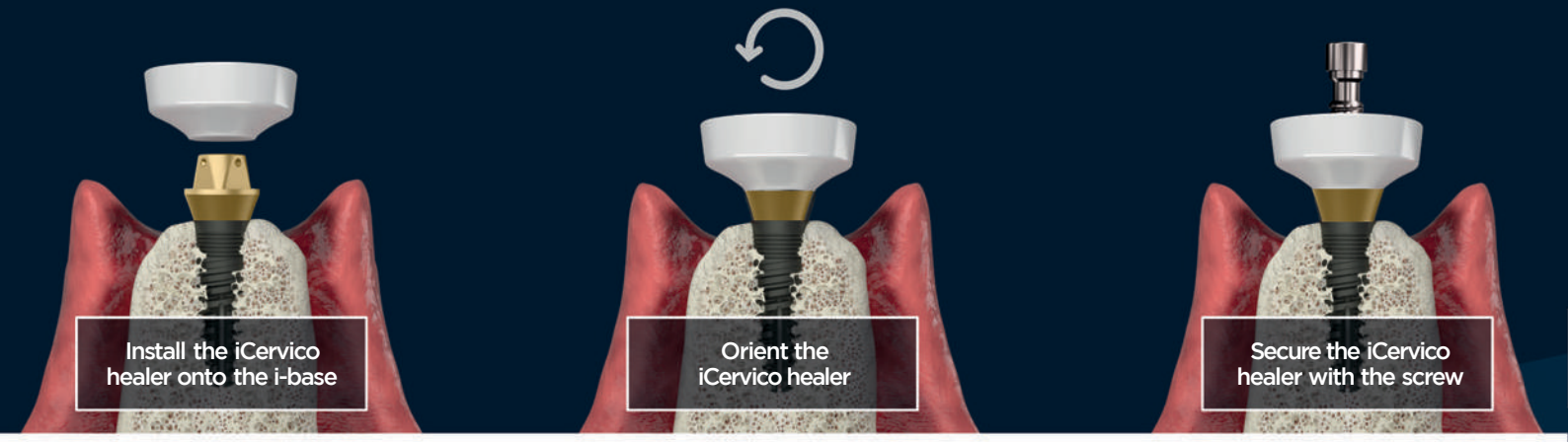


Multiple unit prosthesis

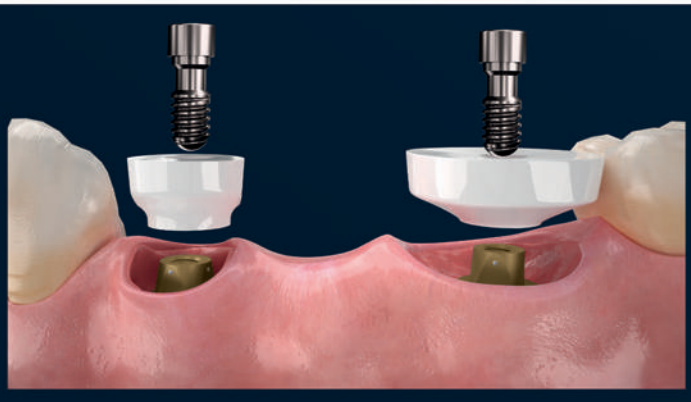
Clinical Protocol

Multiple unit prosthesis

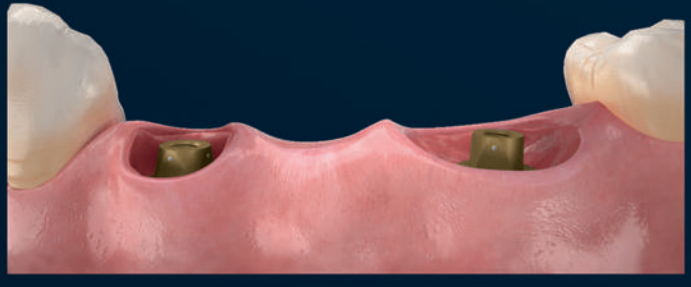
Install i-base onto the implant



After completion of osseo & muco-integration
remove the iCervico healer in order to proceed with digital or analogic impression stage

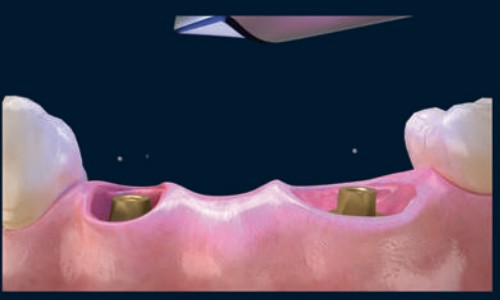


Remove the iCervico healers

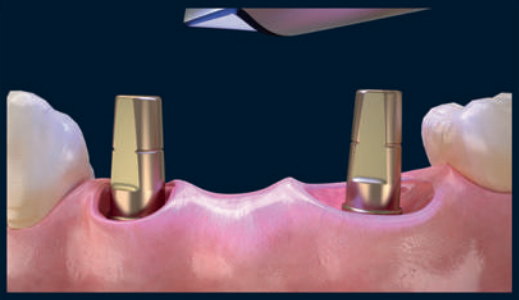


Proceed with impression stage

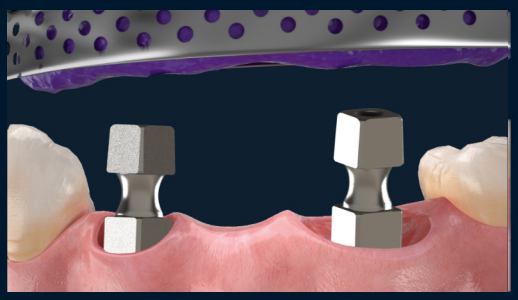
3 different Scanning / Impression stage options



a. Direct scan of i-bases



b. Install AR-sleeves and scan

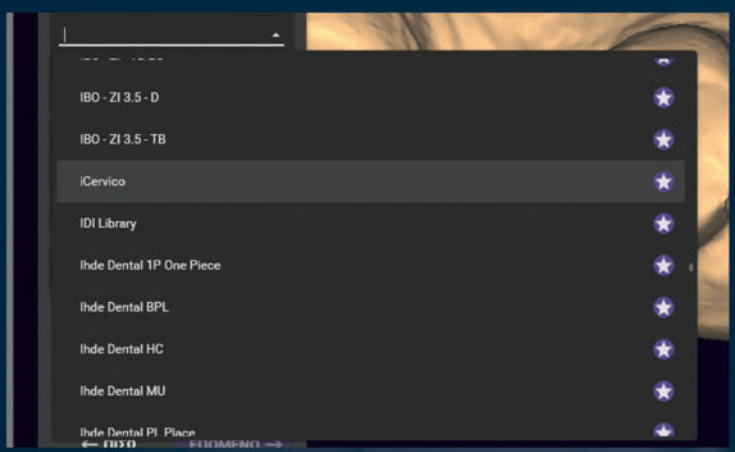


c. Install Impression posts coupled with the impression screw and take analogic impression

*The use of AR-sleeves provides the anti-rotational position of the i-base while the use of R-sleeves does not.

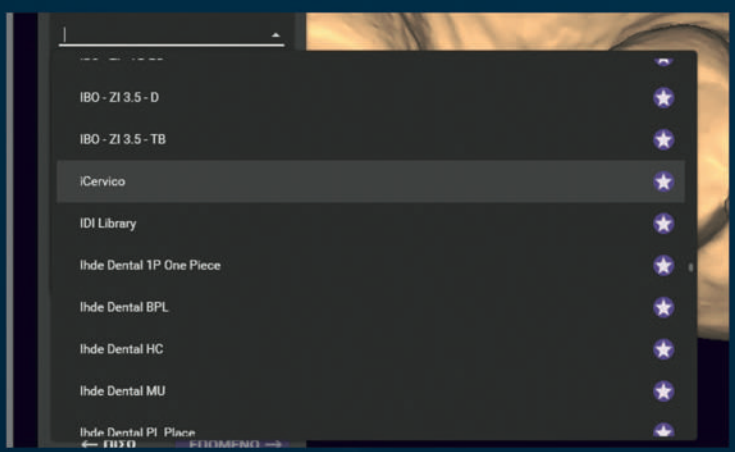
Reinstall iCervico healers until prosthesis delivery

Lab stage



Utilize the iCervico digital library and declare the single digital scan as:

1. **Jaw**
2. **Soft Tissue**
3. **Scan Post**



Chose on the library the type of prosthesis:

a. Single Unit	• AR-sleeve, long • AR-sleeve, short
b. Bridge	• R-sleeve, long • R-sleeve, short

Proceed with prosthesis design

Lab stage

(Optional)

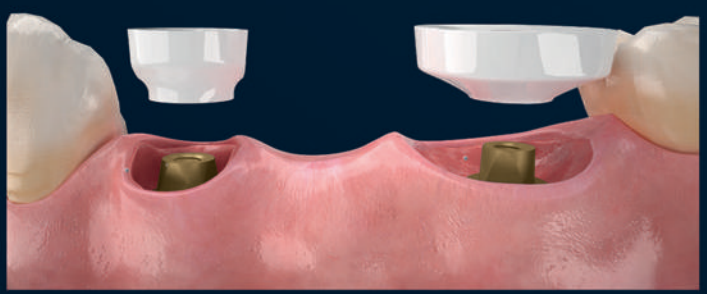
Adjust screw channel angulation if necessary (up to 30°) with short R-sleeve

Utilize the appropriate height R-sleeves

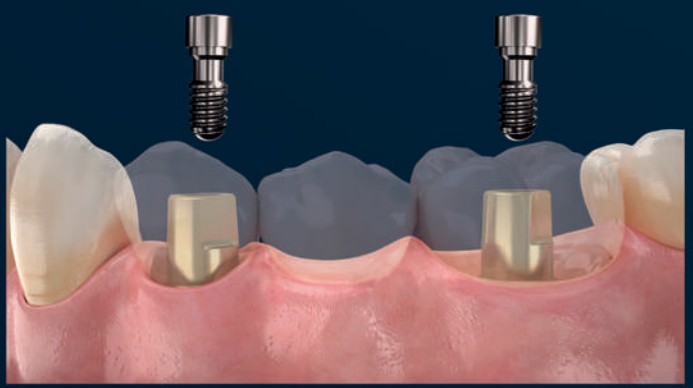
Fabricate the provisional or final prosthesis

Cement the R-sleeves into the prosthesis extraorally

Delivery stage

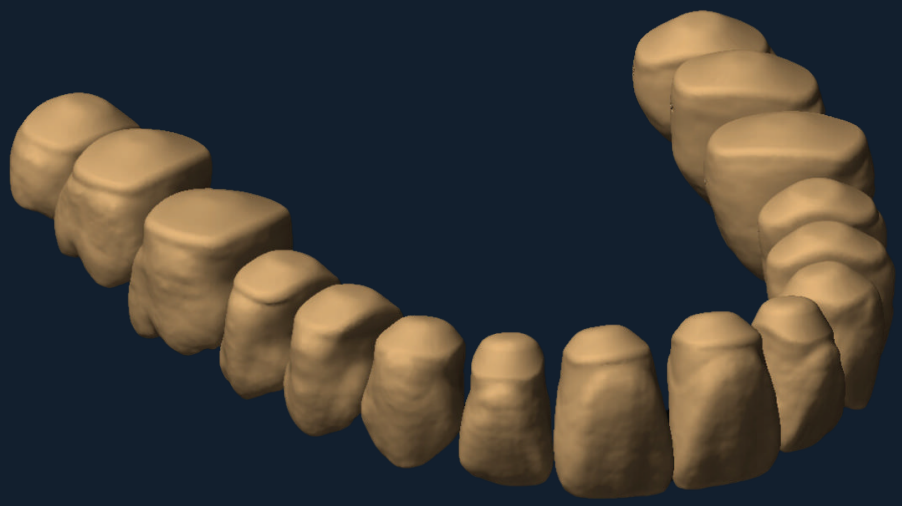


Remove the iCervico healers

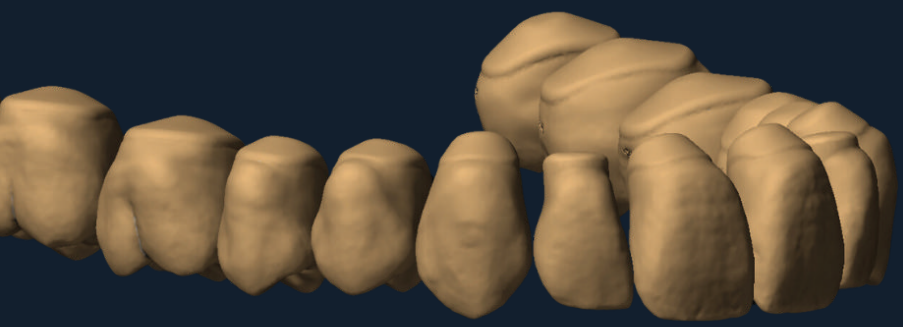


Install the screw-retained prosthesis on the i-bases and apply 30 N/cm torque

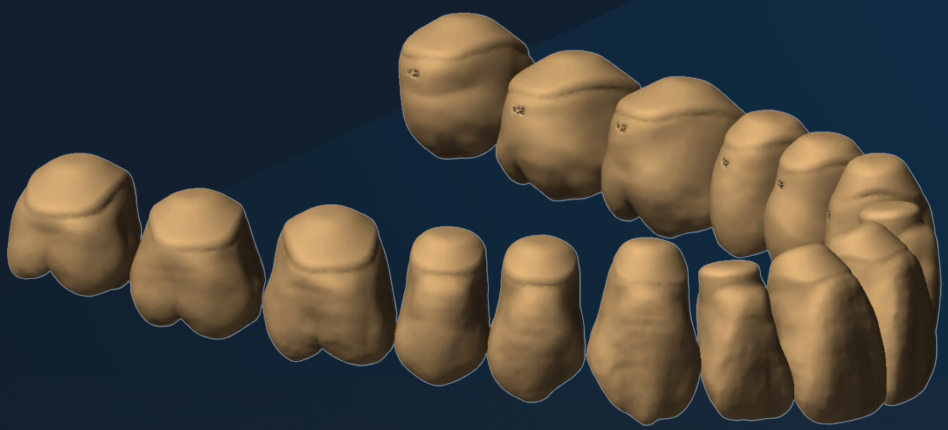
iCervico teeth libraries



Rectangular



Ovoid



Triangular

Transition smoothly from your cervico profiler to the final prosthesis maintaining a biologically sound cervical zone

ariston dental
better answers

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