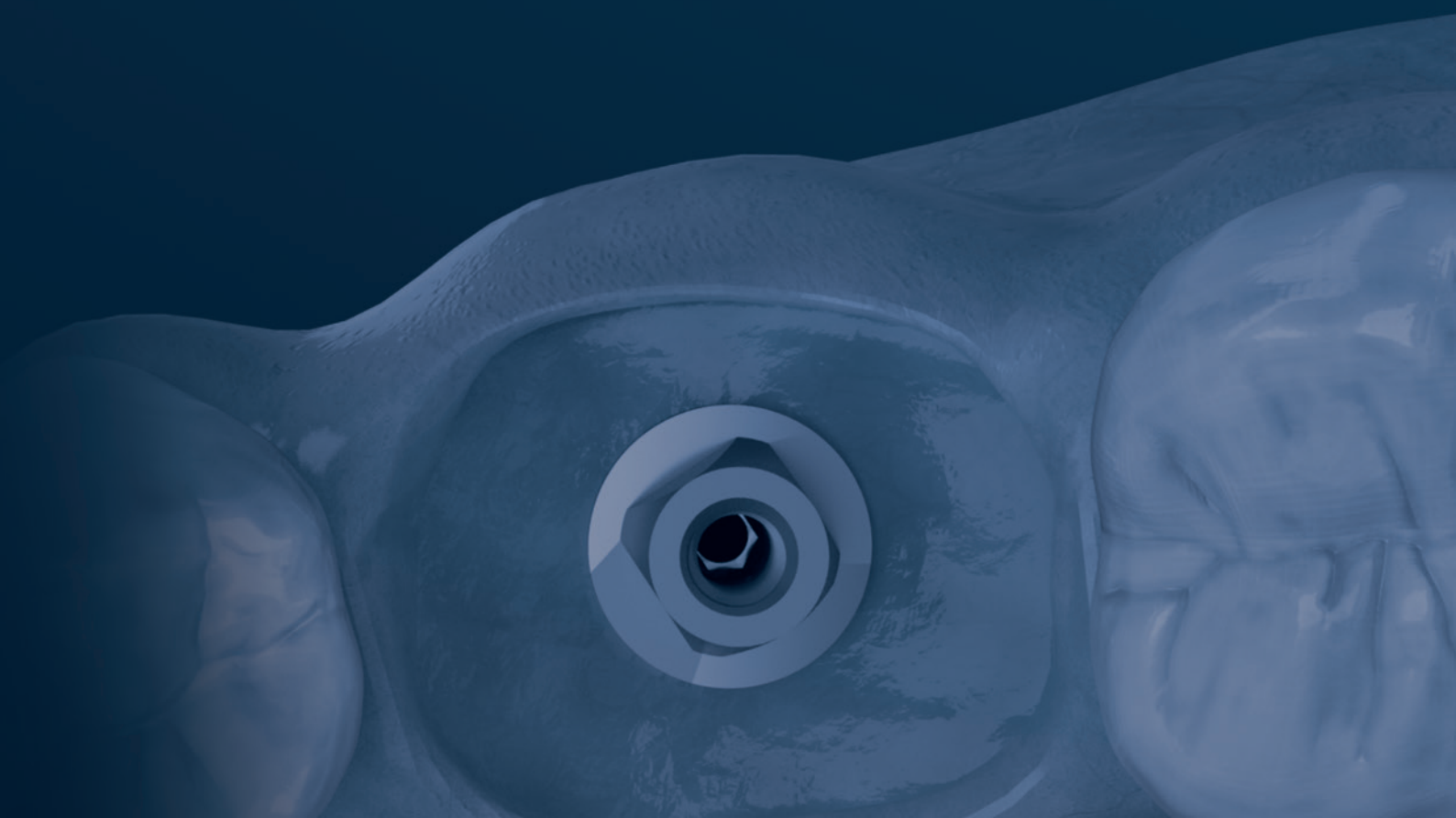




VP INNOVATO HOLDINGS

# iCervico

Master Prosthetics, Create Perfection!



# Table of Contents

## **iCervico system**

Introduction of the iCervico main components 3

## **iCervico healers**

Shapes and sizes 4

Rotation and customization 5

## **Prosthetic components**

Introduction of the i-base 6

iCervico sleeves & accessories 7

## **Clinical protocols**

- Healing stage 8
  - Utilizing prefabricated healers 9
  - Utilizing the Cervico Mold 10
- Single unit prosthesis 11
- Multiple unit prosthesis 15

The parts of the iCervico system are suitable for restorations on [Paltop conical connection implants \(PCA\)](#).

Several components of the Cervico by VPI system and iCervico system are patented and patent pending products. Cervico, iCervico and i-base are registered trademarks of VP Innovato Holdings LTD.

# iCervico components

AR / R - Sleeve



Retention screw

























iCervico Healer



i-base

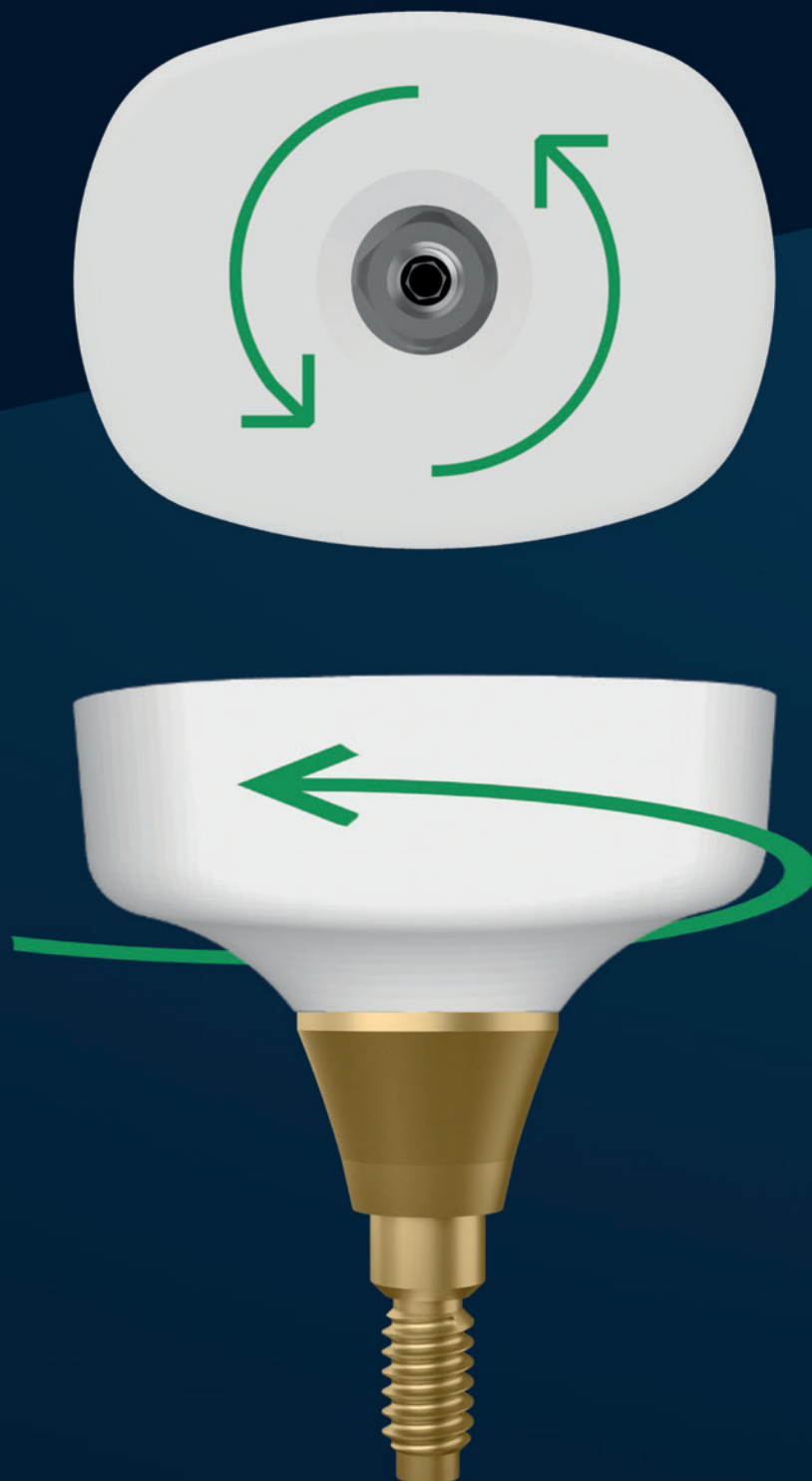


# iCervico Healers

	Anteriors	Premolars	Lower Molars	Upper molars
Large				
				
Μεσαίο μέγεθος				
				
Μικρό μέγεθος	 6 mm	 7 mm		
				

# 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

## One-piece

Absence of chimney eliminates risk of bacteria infiltration to implant platform

# Why i-base

## One 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 restorative process of conical connection implants.
- Allows up to 20° angulation correction (short AR/R - sleeve, torx screw required)

# Multi purpose sleeves

Titanium sleeve prosthesis interface | Scan-post extension | Impression post

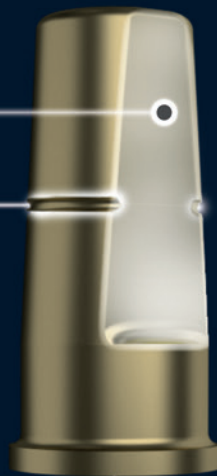
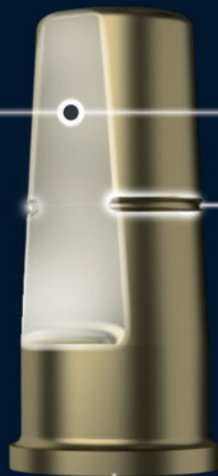
## AR - Sleeve | Anti - Rotational

Suitable for single unit prosthesis



### Quad-surface conical geometry

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



## R - Sleeve | Rotational

Suitable for multiple unit prosthesis



### 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
- Closed tray impression purposes

### 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 screw



### 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 screw

- Optional long screw for closed-tray impression technique (Utilize with AR-Sleeve)

# 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.

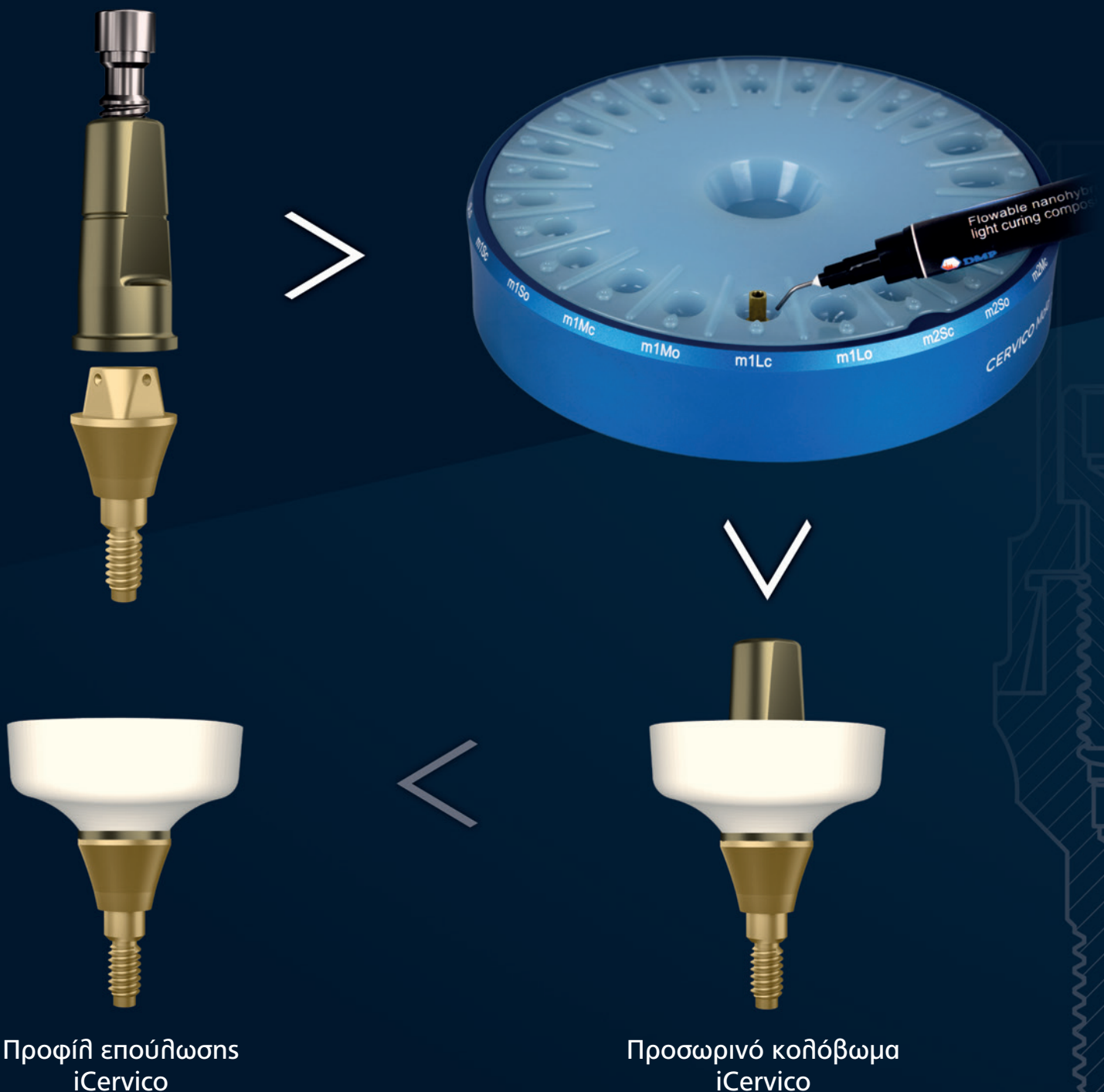


# Chairside iCervico healers

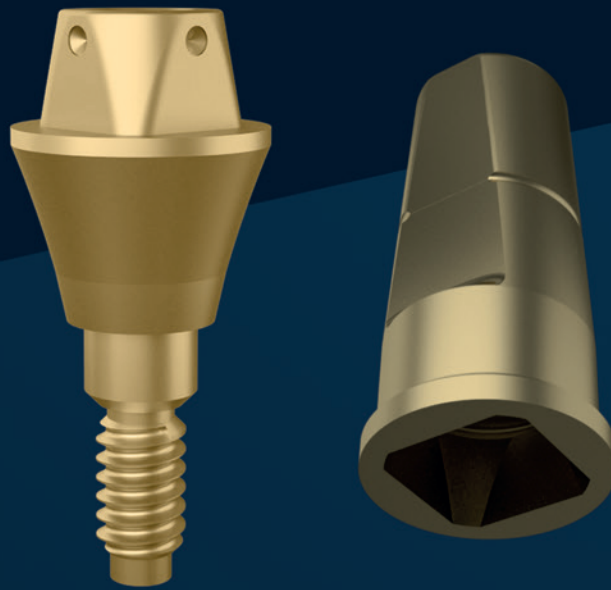
## Clinical protocol

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



# Clinical protocol



Single unit prosthesis

# Clinical Protocol

## Single unit prosthesis

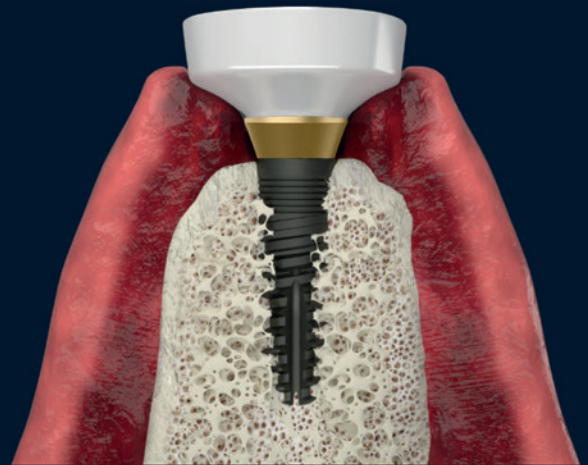


## Scanning / Impression stage options



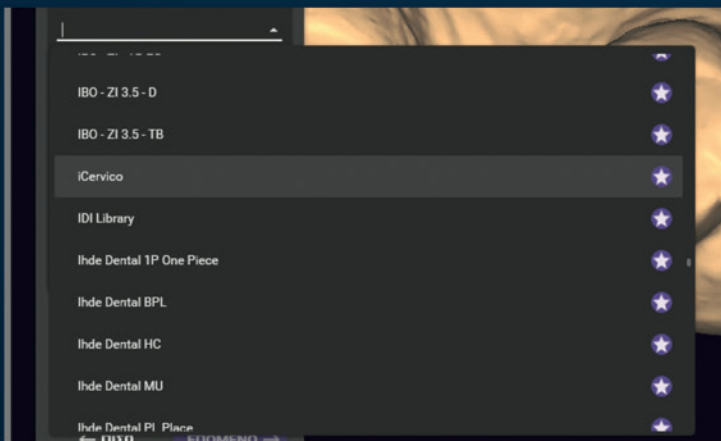


Register opposite arch and occlusion, and share with the Lab.



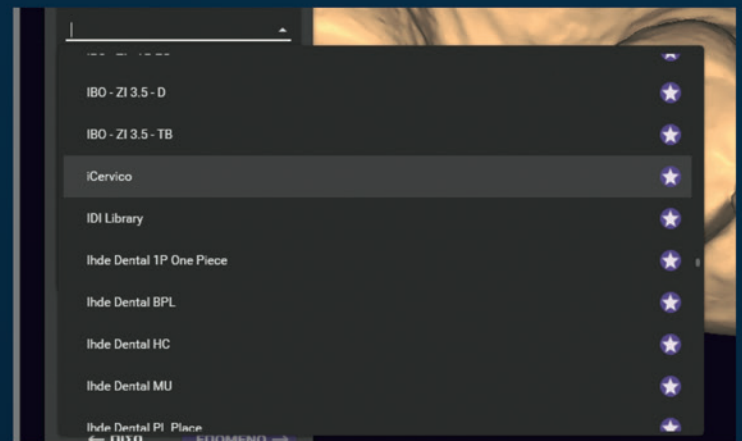
Reinstall the iCervico heater after scan / impression

## Lab Protocol



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

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

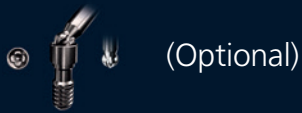
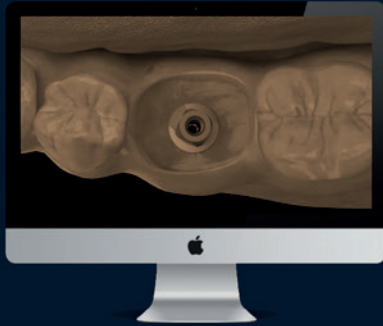


Chose on the library the type of prosthesis:

- |                   |  |
|-------------------|--|
| a. Single unit    | <ul style="list-style-type: none"><li>• AR-sleeve, long</li><li>• AR-sleeve, short</li></ul> |
| b. Multiple units | <ul style="list-style-type: none"><li>• R-sleeve, long</li><li>• R-sleeve, short</li></ul>   |

▶▶ 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

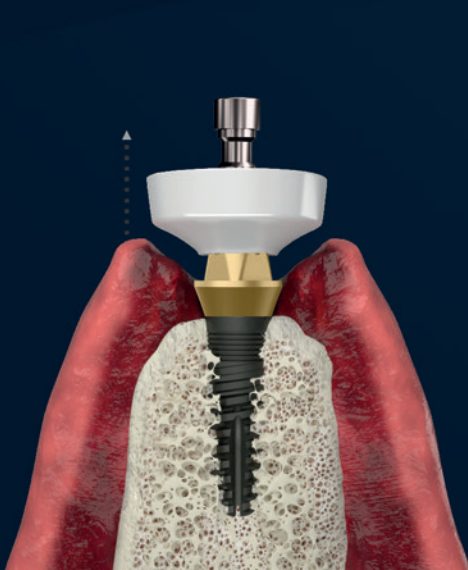


Fabricate the provisional or final prosthesis

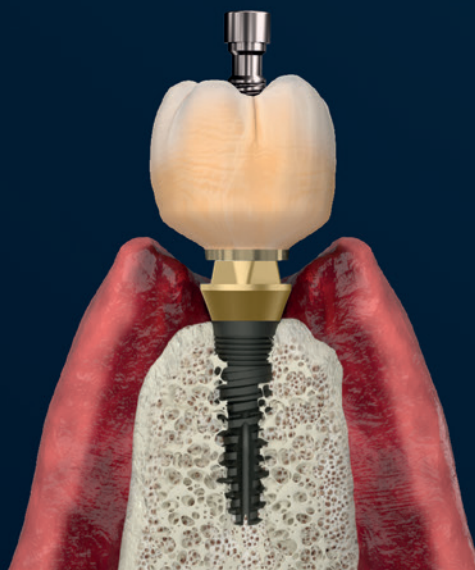


Cement the AR-sleeve into the prosthesis extraorally

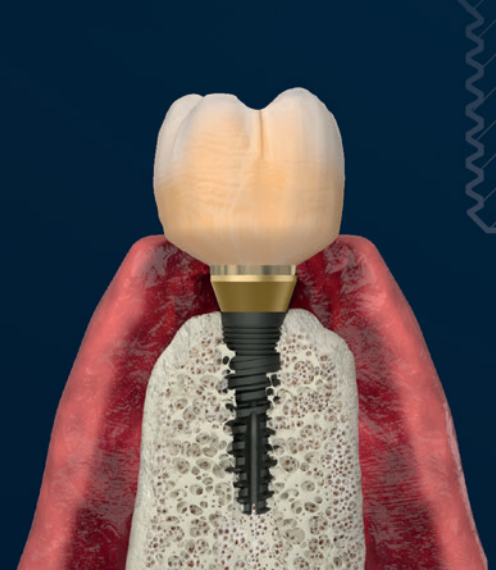
## Delivery stage



Remove the iCervico healer

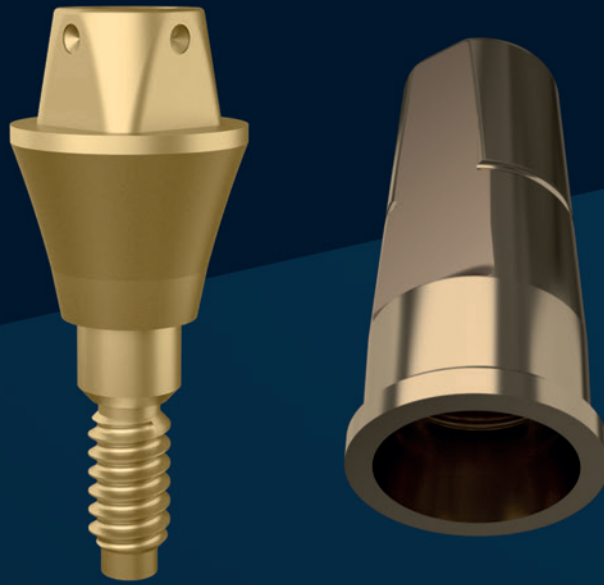


Install the screw-retained prosthesis on the i-base



Apply 30 N/cm torque

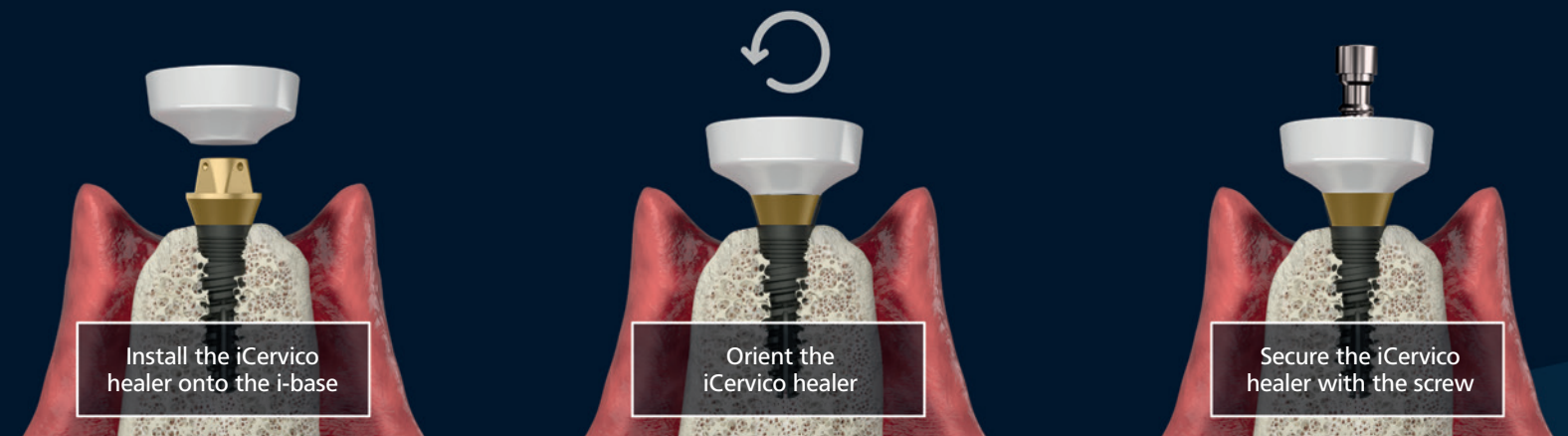
# Clinical protocol



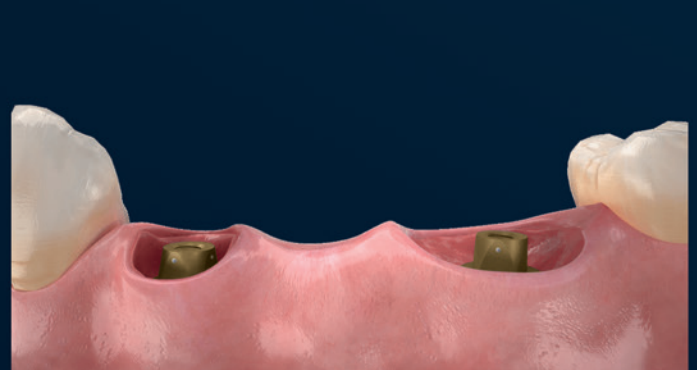
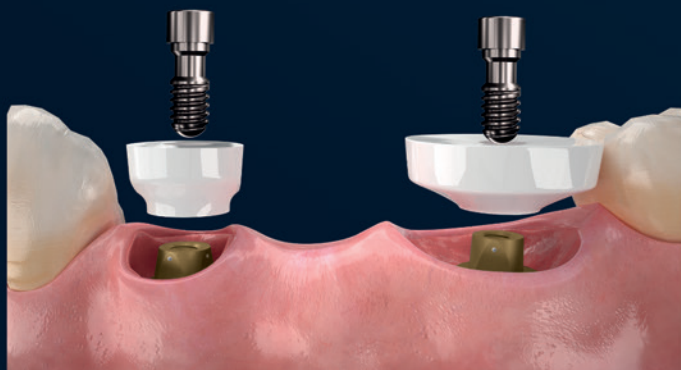
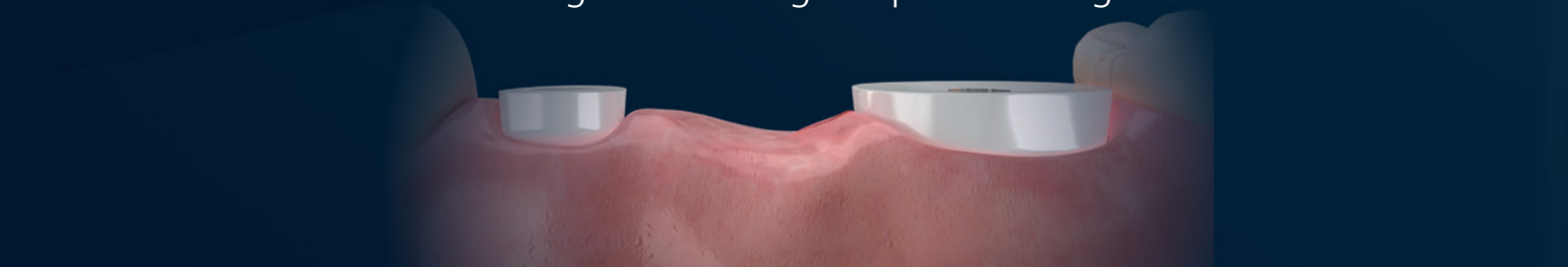
Multiple unit prosthesis

# Clinical Protocol

## Multiple unit prosthesis

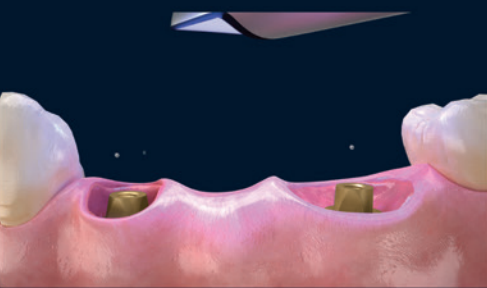


**After completion of osseo & muco-integration**  
remove the iCervico healer in order to proceed  
with digital or analogic impression stage

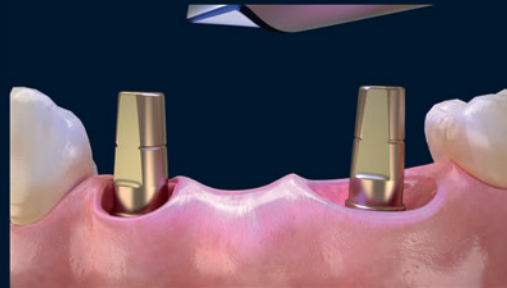




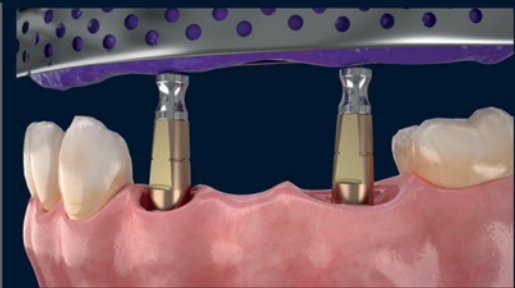
# Scanning / Impression stage options



a. Direct scan of i-bases



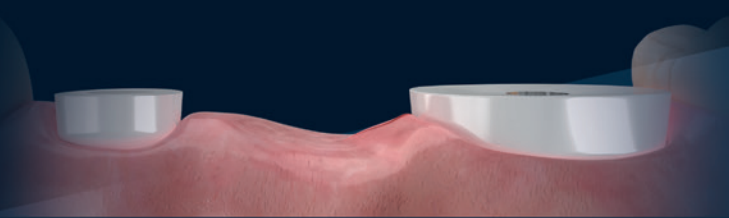
b. Install AR-sleeves and scan



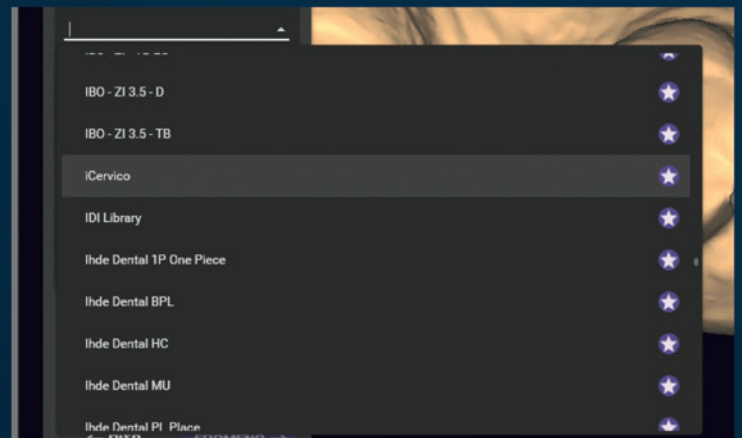
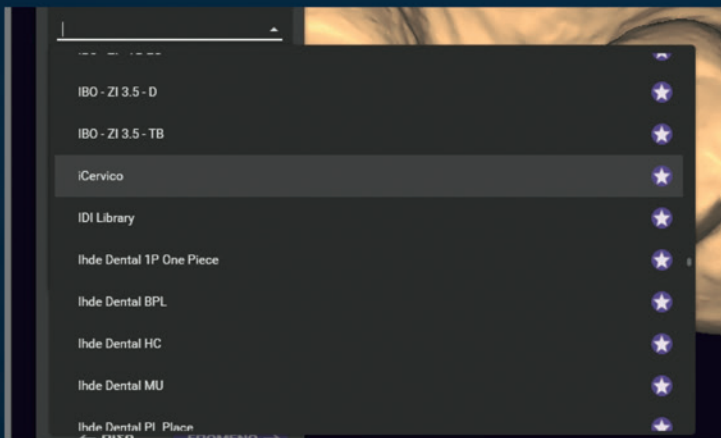
c. Install AR-sleeves coupled with the impression screw and take analogic impression

\*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. Multiple units

- 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

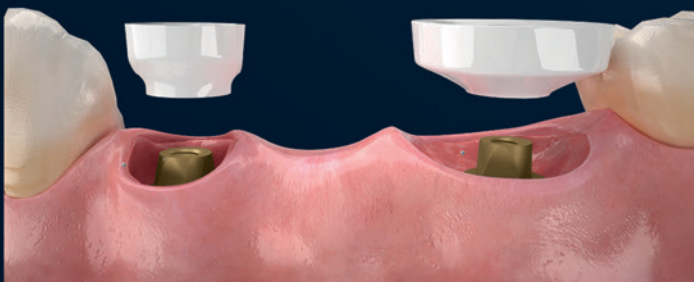


Fabricate the provisional or final prosthesis

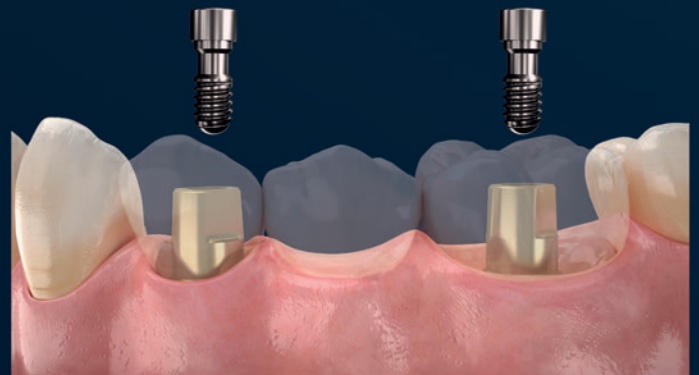


Cement the R-sleeves into the prosthesis extraorally

## Delivery stage



Remove the iCervico healers



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





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