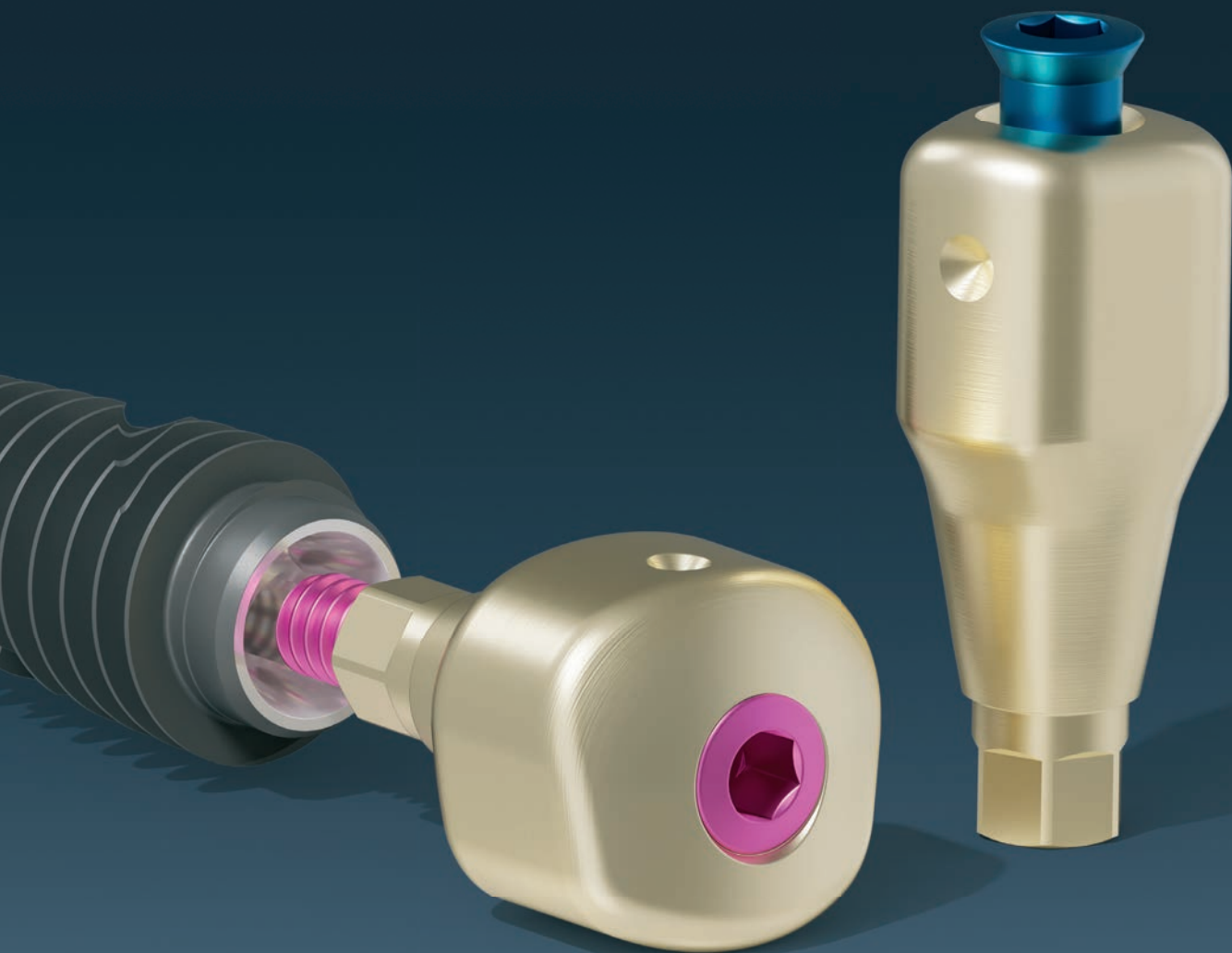


PROFILE DESIGNER



# THE ADVANCED PROCEDURE IN IMPLANTOLOGY

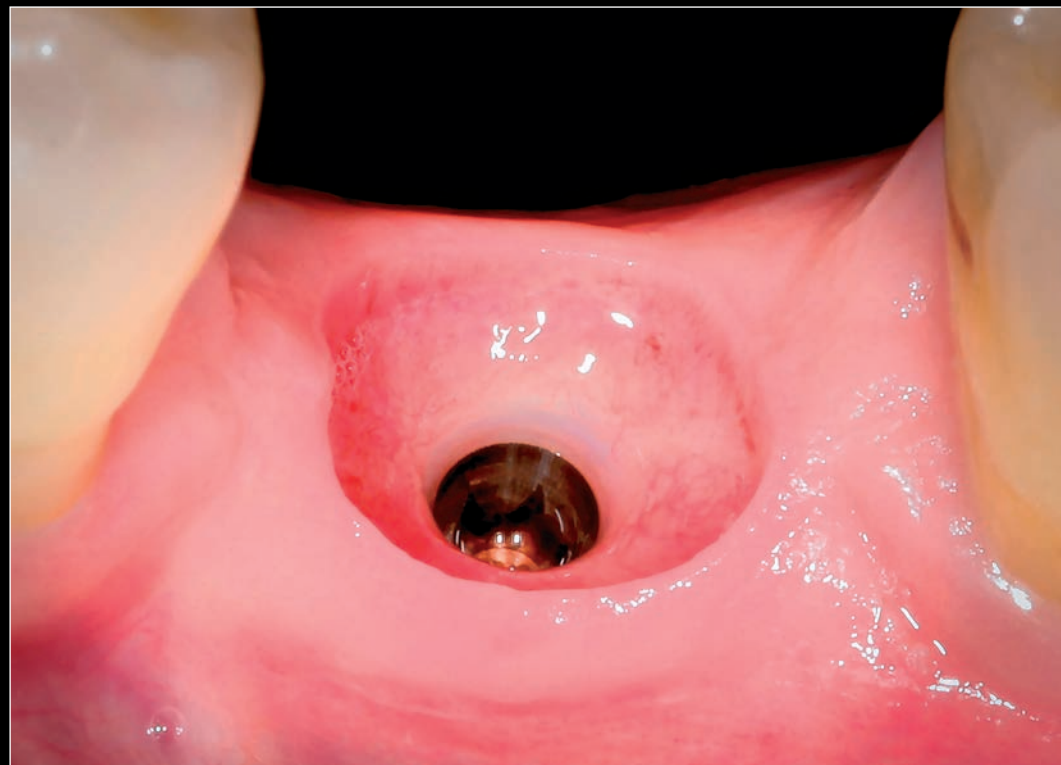




PROFILE DESIGNER  
**i physio**<sup>®</sup>

**The new-generation protocol** that improves the outcome of your implant treatment while simplifying it. Result of a synthesis of LYRA ETK's expertises in implantology and digital technology, this anatomical 3-in-1 solution - healing abutment, scanbody and temporary abutment - is the central and unique element of a simplified no-disassembly protocol, from healing to prosthesis. The result is improved biological integration, making the treatment more durable and improving the aesthetic result. It can be used with most implant systems.





Clinical case and pictures by Dr Jacques Cheylus

## THE GLOBAL SOLUTION FOR OPTIMIZED IMPLANT TREATMENT

### SIMPLE



1 single piece 1 single step

#### 3 in 1

- > Healing
- > Impression
- > Temporary prosthesis



Without  
disassembly

4  
steps instead  
of 7



Physical or Digital  
Impressions



Time saving  
Up to 20 mn per implant



Temporization  
SSA

### SAFE



Antibacterial  
shield  
Protected connection

#### Zirconia coating

Prevents tissue inflammation



Concave  
profile

Increase soft  
tissues

Convex  
profile

supports the papillae  
and the gum line



Ensures  
the emergence  
profile



Upgrade  
YOUR implant

### ACCESSIBLE



Two parts less  
(scanbody, temporary abutment)

#### UNIVERSAL

- > Compatible with your implants, interfaces and screwdrivers
- > All intra-oral CT scanners, all software, all laboratories



Codified protocol



Training  
and support

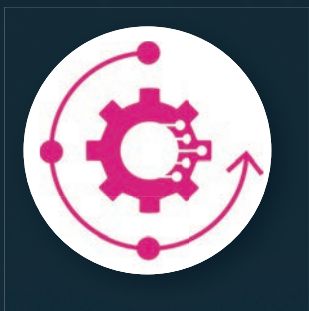


Your trained  
and certified  
laboratory





# iPHYSIO® : THE BIO-LOGICAL APPROACH



1

## PROSTHETIC PROJECT

Emergence profile, biological space and contact points.

2

## PLANNING

Ideally position your implant subcrestally (Umbrella concept, Alberto Miselli) to save the biological space.

3

## INCISIONS AND DRILLING

Limited flap technique (Dennis Tarnow) to preserve the papillae then insertion of your implant.

4

## IPHYSIO® SELECTION

Choose the shape and height for tissue support and biological space using the selector and the iPhysio® Try In Profile Designer Kit.

5

## PHYSIO® POSITIONING

Option: Poncho technique with PRF or membrane (improves healing).

6

## SUTURES

Mattress stitches  
Options : Temporary prosthesis directly on iPhysio® or SSA

7

## IMPRESSION ON IPHYSIO®

Physical or digital.

8

## FINAL PROSTHESIS

On interfaces of your abutment system, matching the iPhysio® profile chosen.

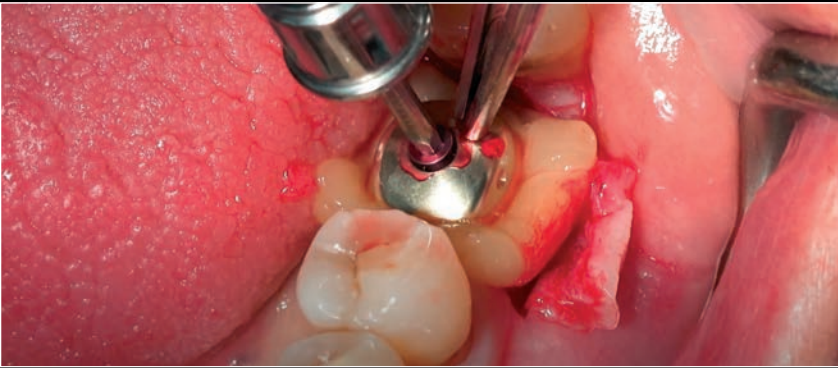
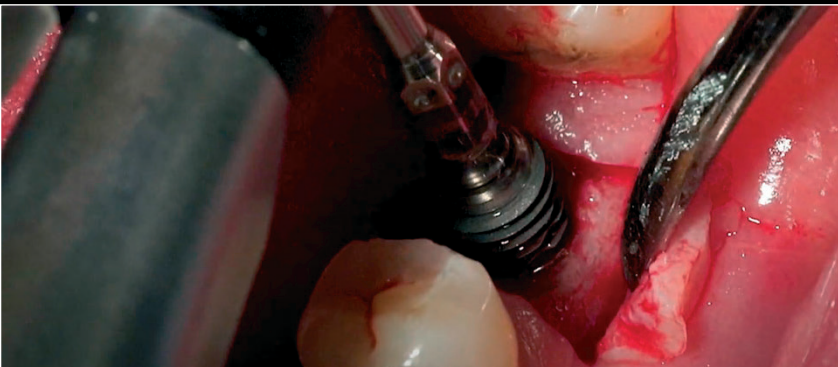
9

## IPHYSIO® REMOVAL

And insertion of the prosthesis into its prosthetic bed without compression or anaesthesia



## SCIENTIFIC REFERENCES



Clinical case and pictures by Dr Jacques Cheylus

# PROTOCOL WITHOUT DISASSEMBLY

## 1 SINGLE PIECE, 1 SINGLE STEP

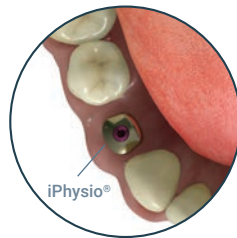
The iPhysio® Profile Designer is screwed into the implant during the 1st or the 2nd surgical step. It remains in place throughout the bone and gingival healing process as well as during the impression irrespective of the implant sector, whether aesthetic or not. It is only removed once to place and finally screw in the final restoration.

## THE 3-IN-1 SOLUTION

REPLACES YOUR HEALING ABUTMENTS, SCANBODIES, IMPRESSION COPINGS AND TEMPORARY ABUTMENTS

1

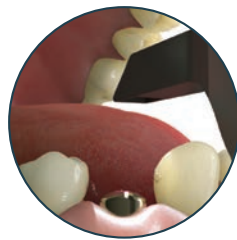
**Anatomic  
HEALING**



Its anatomical shape perfectly matches the morphology of the teeth to be replaced. Its zirconium nitride-coated surface provides optimum healing conditions by repelling bacteria.

2

**IMPRESSION  
on iPhysio®**



Digital



Physical

The connection is not exposed, and the tissue are preserved. In both digital and conventional techniques, impressions on iPhysio® also avoid inaccurate positioning linked to the impression coping or scanbody placement. The implant position is restored in a very accurate manner.

3

**TEMPORARY  
on iPhysio®**



Based on iPhysio®, it continues the shaping of the prosthetic bed until the placement of the final prosthesis.

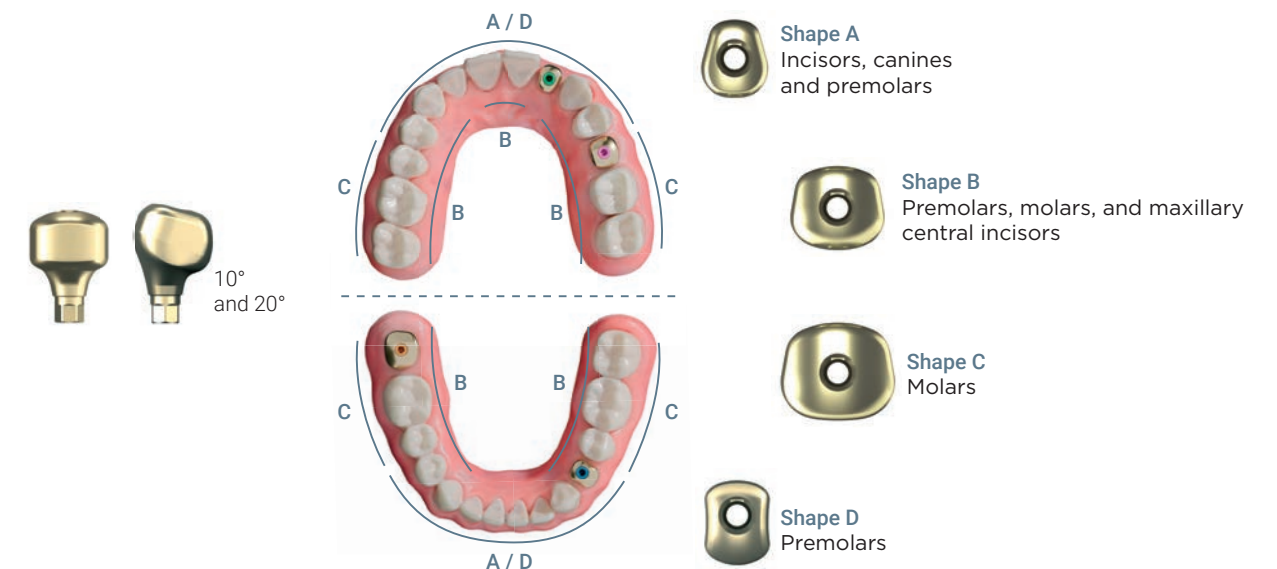
# ANATOMICAL AND CONSERVATIVE

## 4 SHAPES AND 2 ANGULATIONS

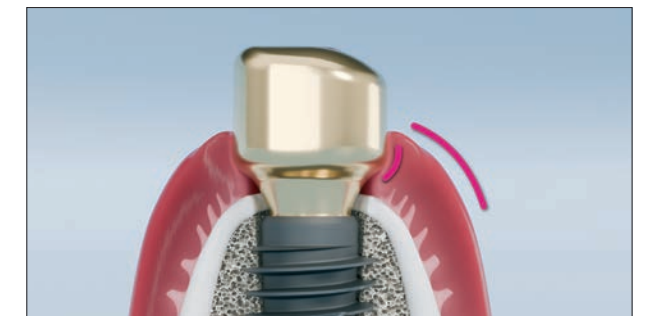
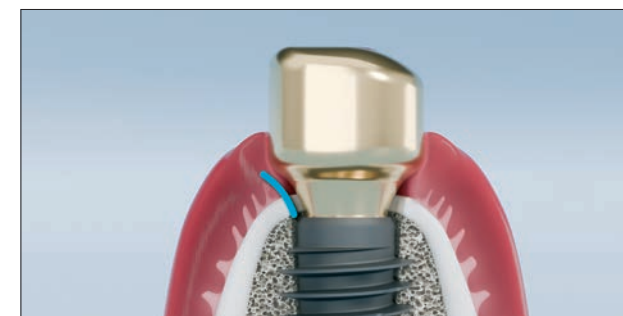
Teeth are not round...



... neither is iPhysio®.



## CONCAVE CONVEX PROFILE

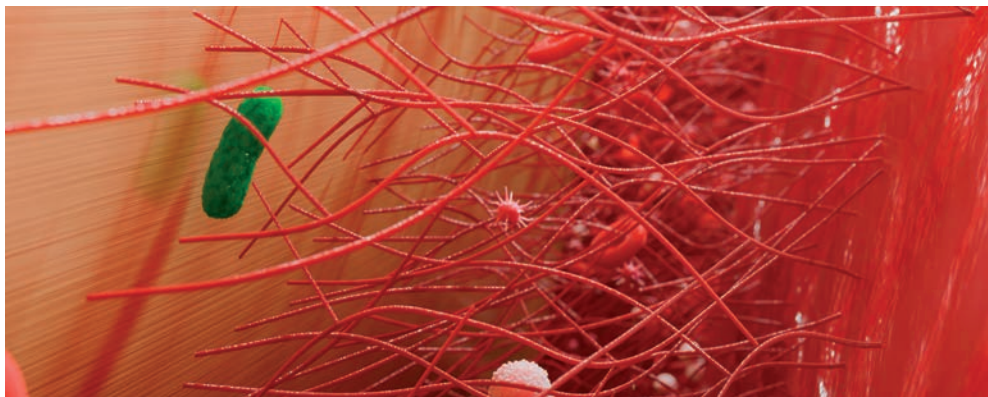


- Allows the bone to rise up the implant neck, creating a seal for greater bone stability.
- Exerts pressure on connective tissues; supports papillae and gingival line; maintains biological space.



## ANTIBACTERIAL SHIELD

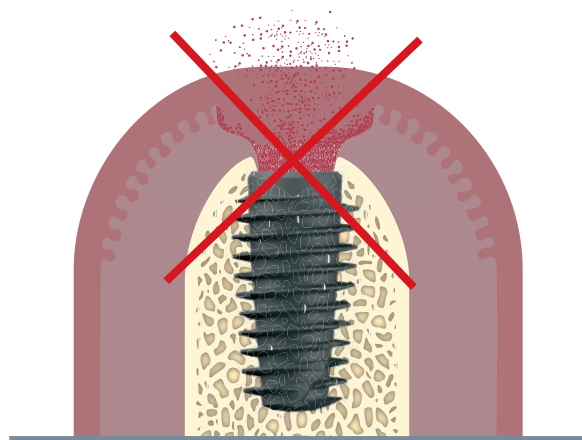
### ZIRCONIUM NITRIDE-COATED TITANIUM



- Limits bacterial plaque attachment
- Reduces soft tissue inflammation

### CONNECTION PROTECTION

By remaining in place, iPhysio® protects the implant connection. No risk of contamination of the implant site due to parts removal.



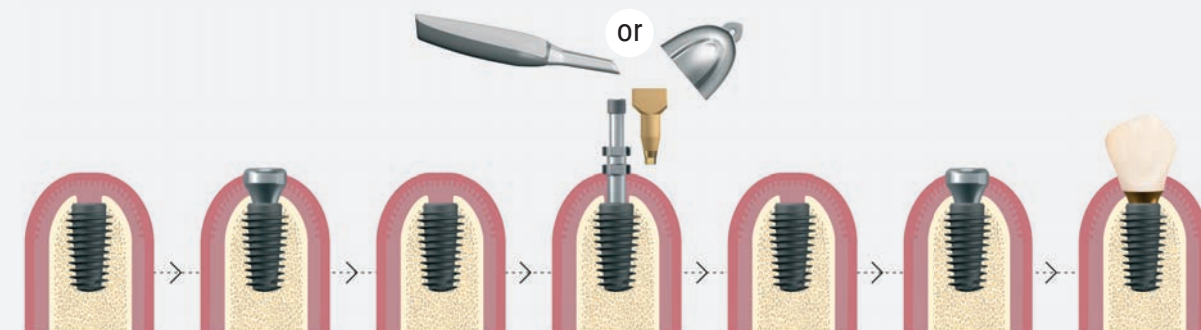
Pictures by Dr Thibault Andéol and Dr Jacques Cheylus



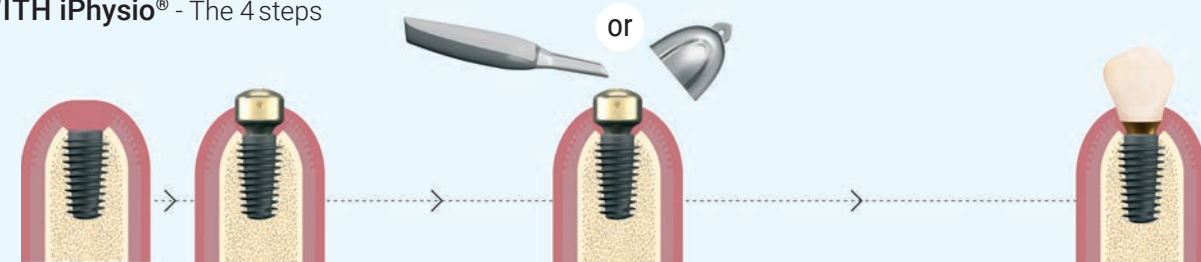
## REDUCED CHAIR TIME

### 4 STEPS INSTEAD OF 7

WITHOUT iPhysio® - The 7 steps of the classic protocol

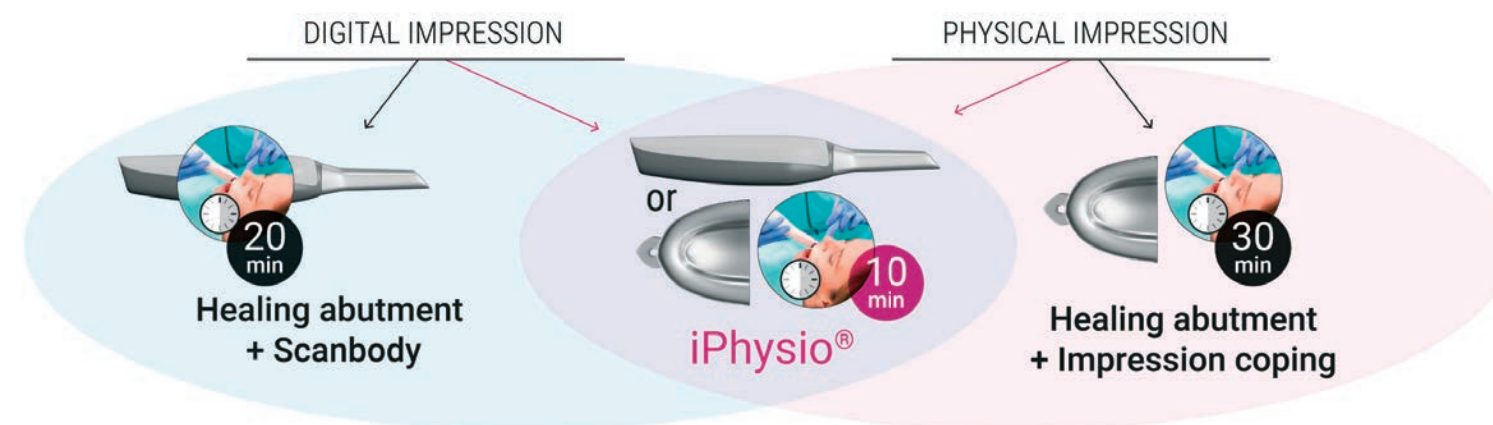


WITH iPhysio® - The 4 steps



### IMPRESSION IS 2 TO 3 TIMES FASTER

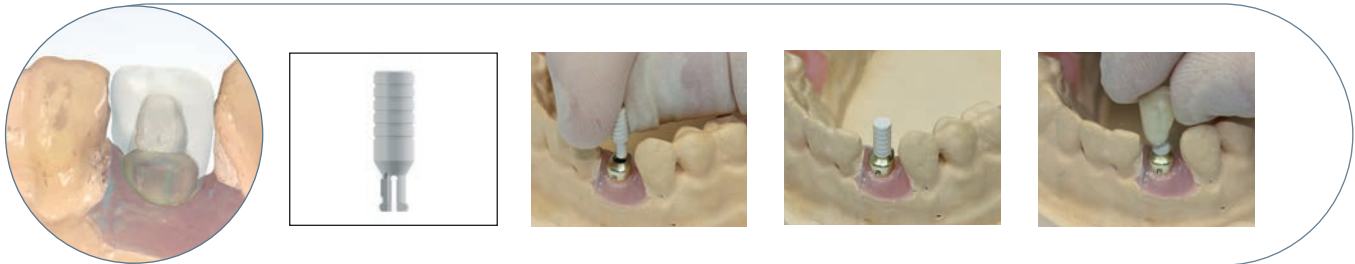
- No part handling



# TEMPORIZATION

## TEMPORARY PROSTHESIS

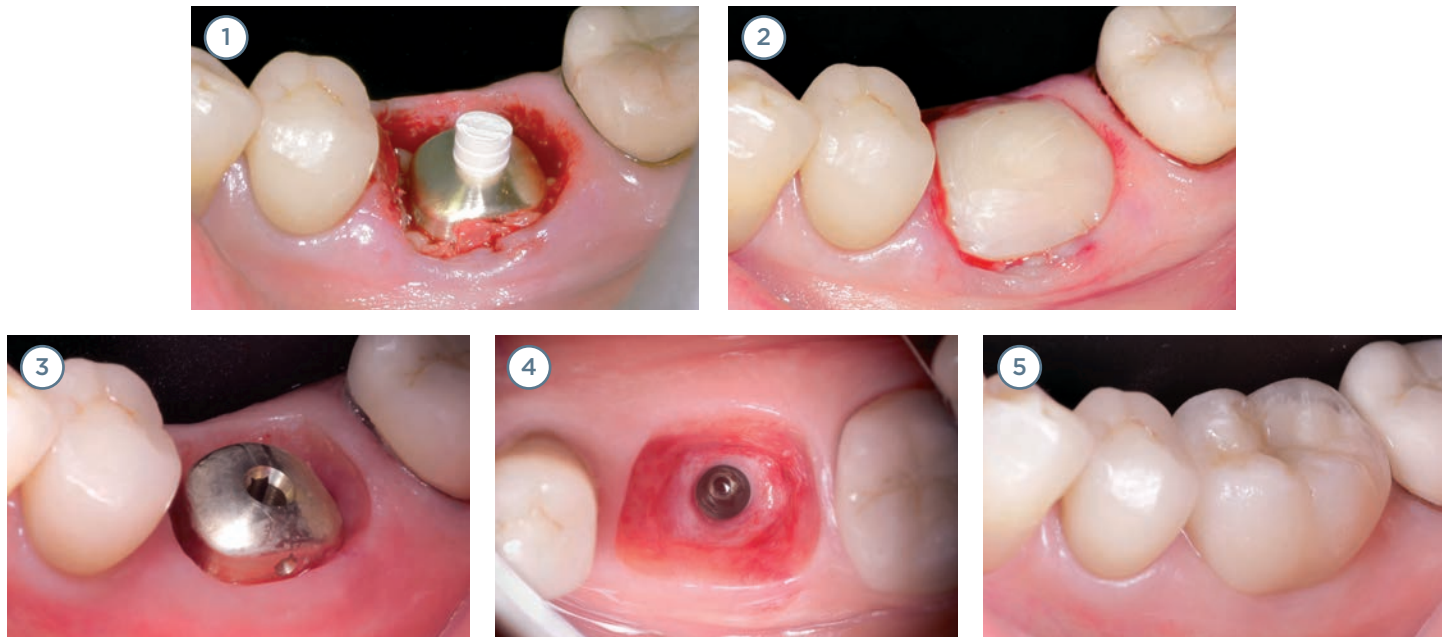
The temporary abutment clips on to iPhysio® to support the temporary prosthesis.



- The clip-on temporary abutment is sufficiently retentive to hold the temporary crown. It withstands a tensile force of approximately 15N (1.5 kg) when unclipped.
- The temporary abutment also acts as a fuse, meaning that it unclips if the force exerted is too great, helping to preserve implant stability.

## OPTIMIZES SSA

Clinical case and pictures by Dr Jacques Cheylus



# ENSURES THE EMERGENCE PROFILE

When making the final prosthesis, the iPhysio® protocol makes it easy to reproduce the tissue conformation obtained by recovering the emergence profile, guaranteeing an esthetic and long-lasting result.

## EMERGENCE PROFILE TRANSMITTED BY THE IMPRESSION

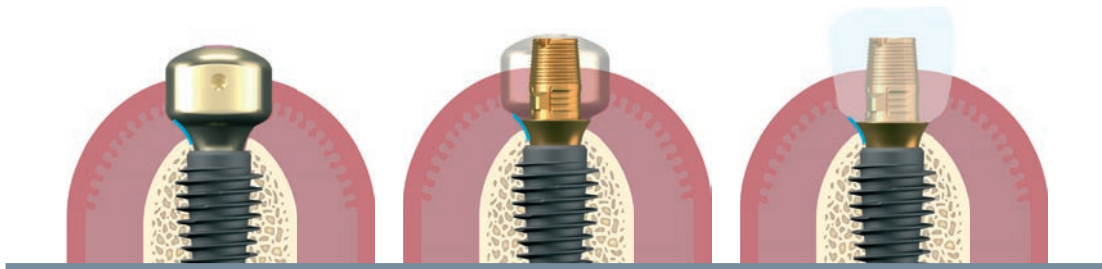


iPhysio® is compatible with most computer aided design software.

3shape  exocad

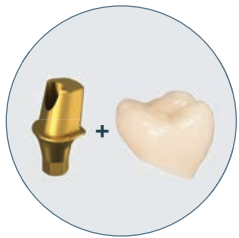
## EMERGENCE PROFILE INTEGRATED BY THE INTERFACE

The iPhysio® protocol determines the interfaces for each implant system corresponding to each iPhysio® shape and height, in order to maintain the emergence profile until the final prosthesis.



The continuity of the anatomical emergence profile is ensured right through to the final prosthesis, even when the surgeon carries out the treatment plan with another dentist.

## PROSTHETIC SOLUTIONS



Sealed prosthesis  
on anatomical titanium  
abutment



Sealed prosthesis  
on anatomical zirconia  
abutment (with interface)



Trans-screwed  
prosthesis direct implant  
(with interface)





## UNIVERSAL PROTOCOL COMPATIBLE WITH YOUR WORKING HABITS

### UPGRADE YOUR IMPLANT

- iPhysio® is a universal protocol that can be used with most implant brands.
- A compatibility guide identifies the interface for each iPhysio® shape/height in each implant system. This ensures that the warranty on implants and prosthetic parts remains valid.
- You don't have to change your working habits; iPhysio® does not require the purchase of additional parts.



EXISTS FOR  
THE MAIN IMPLANTS



CAN BE USED WITH  
THE INTERFACES OF MOST  
IMPLANT SYSTEMS



CAN BE USED WITH  
THE SCREWDRIVERS  
OF MOST IMPLANT SYSTEMS



CAN BE USED  
WITH ALL SCANNERS  
AND SOFTWARE

HAVE A LOOK AT  
THE COMPATIBILITY  
GUIDE



### LET US GUIDE YOU!

Find out about all the tools available to help you use iPhysio® in your practice.





## MADE IN FRANCE



- LYRA ETK is the French medtech company specializing in dental restoration.
- It integrates traditional implantology and new digital technologies to offer functional and aesthetic restorative solutions.
- LYRA ETK offers simple, safe and accessible digital dental protocols for the benefit of dentists, laboratories and patients.



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DIGITAL DENTAL PROTOCOLS

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