

PROFILE DESIGNER

iphysio[®]

3 IN 1 SOLUTION



PROFILE DESIGNER



“SIMPLICITY IS
THE ULTIMATE SOPHISTICATION”

Léonard de Vinci

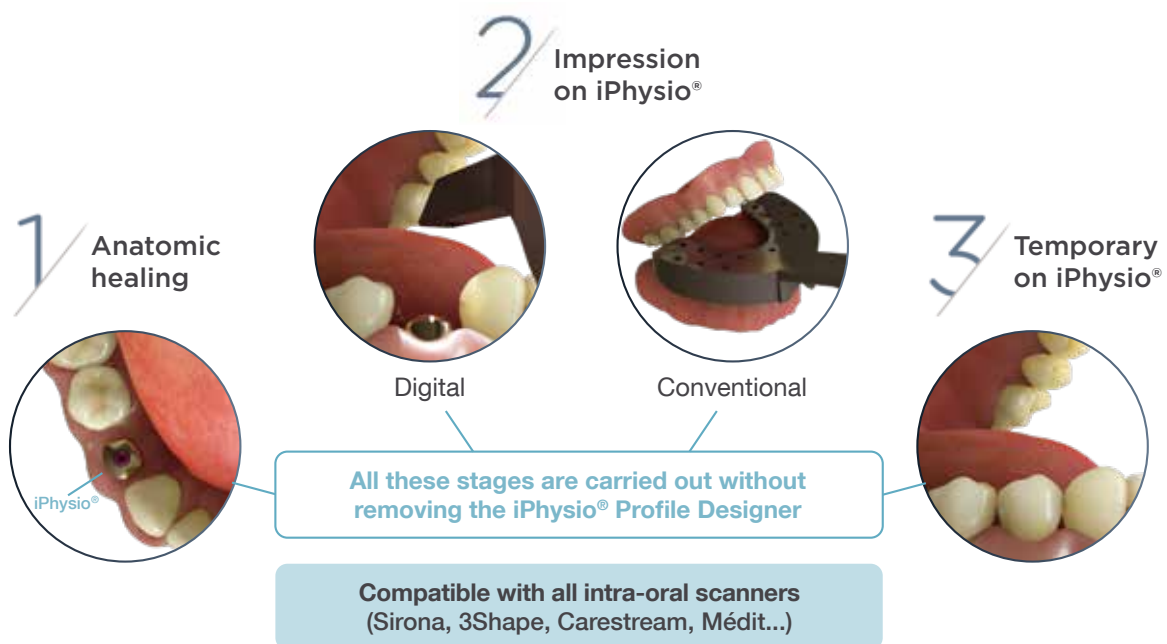
The iPhybio® Profile Designer is a new generation of healing abutment designed and created by etk in 2014. This major revolution, in addition to providing comfort and biological respect, it will save you precious time. The iPhybio® Profile Designer is the unique part that simplifies the implant protocol by replacing the many usual parts (transfer, healing abutment, temporary abutment) without disassembly. It is compatible with most brands and types of implants.



ARE ESTHETICS AND THE RESPECT OF BIOLOGICAL FACTORS COMPATIBLE WITH SIMPLICITY AND RAPIDITY?

PRESERVATION OF THE BIOLOGICAL SPACE

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



A 3 IN 1 SOLUTION

The Profile Designer fulfils 3 essential functions of the prosthetic protocol:

- 1. Healing:** its anatomic form fully meets with the morphology of the teeth to be replaced.
- 2. Taking of impressions:** using digital or conventional technology, the taking of the impression directly on the Profile Designer avoids positioning errors linked to the placement of the impression coping. The implant position is restored in a very accurate manner.
- 3. The temporary prosthesis:** resting on the iPhysio® Profile Designer, it takes the same shape as the prosthetic cradle up until the placement of the final prosthesis.

WHY IS THE IPHYSIO® PROFILE DESIGNER NOT ROUND?



Teeth
are not
round



Nor are our
Profile
Designers

The iPhysio® Profile Designer allows the future prosthetic emergence profile to be shaped during the healing phase while waiting for the stabilization of the gingival height. It is necessary to have defined the depth of burial of the prosthetic joint and the desired flare beforehand to be able to select the most appropriate iPhysio® Profile Designer.

A TRUE PROFILE OF ANATOMICAL EMERGENCE

The diameter of an implant does not correspond to the anatomical cross section of the replaced tooth. The iPhysio® Profile Designer offers you a true profile of anatomical emergence guaranteeing sufficient thickness of the soft tissue. It will therefore allow for the transition of a round implant section to the actual emergence of the real tooth.

We have studied fifty scanners of various patients to measure the proximal and vestibulo-lingual (or palatine) dimensions of tissue level emergences of roots and teeth.



Cross section of a study scan of the shapes of the iPhysio® Profile Designer



iPhysio® Profile Designer in gingival healing phase for premolar and molar restoration.



Anatomical prosthetic cradle of a molar after healing with an iPhysio® Profile Designer.

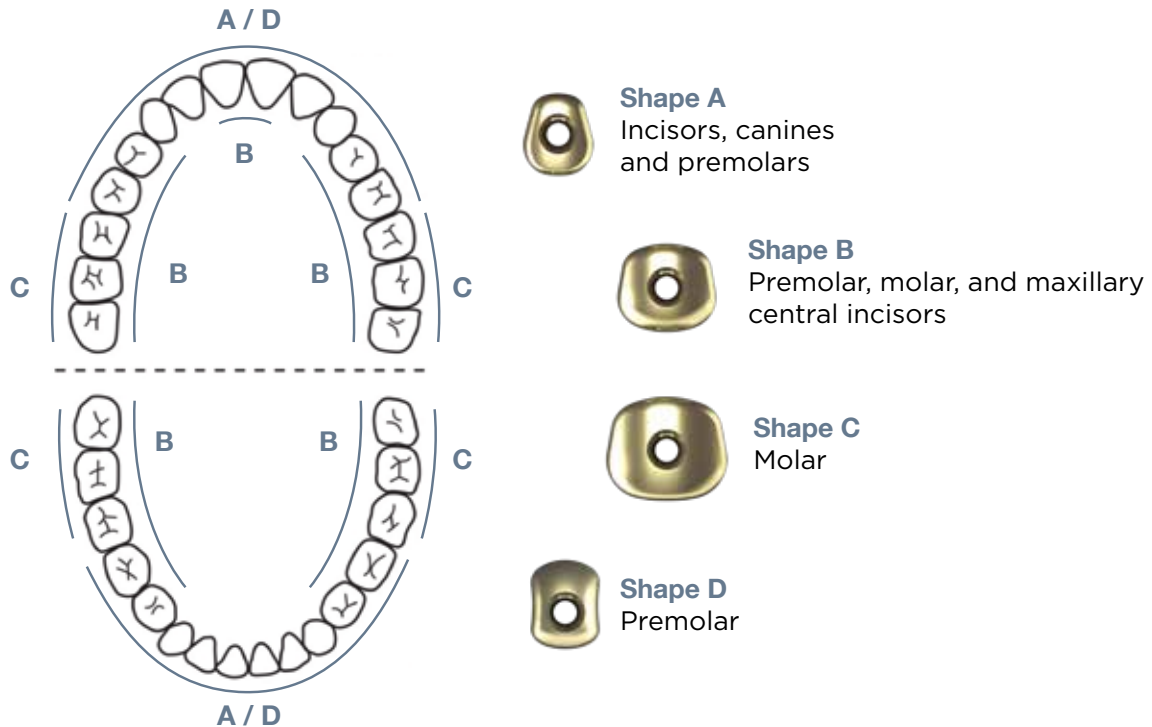


Anatomical prosthetic cradle of an incisor after healing with an iPhysio® Profile Designer.

ANATOMICAL SHAPES BASED ON THE RESTORATION AREA

The result is the proposal of several anatomical shapes which give you the best aesthetic results by:

- the sculpting of a true non-circular anatomical profile ;
- best compressions, preparations and gingival papillae guides in the inter-dental spaces.



INNOVATION AND EVOLUTION OF THE RANGE

iPhysio® Profile Designers are also available for Tissue Level implants. We offer shapes that guarantee the shaping of an anatomical emergence profile beyond the implant neck and a smooth and homogeneous protocol regardless of the type of implant used.

The range is further extended with angled iPhysio® Profile Designers for the management of divergent implant axes and and iPhysio® Profile Designers Shorts for a solution to all occlusal situations.



SIMPLIFICATION OF THE POST-SURGICAL PROTOCOL

The solution is based on the study of the anatomy and simultaneous use of the digital chain, thus allowing for the establishment of a much more compact and rapid protocol, which respects the patient physiology: the iPhysio® protocol.

COMPARISON OF A CLASSICAL PROTOCOL WITH THE IPHYSIO PROTOCOL

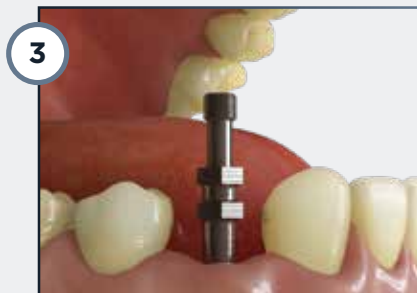
Classic protocol in 8 steps



Screwing of the healing abutment



Removal of the healing abutment



Screwing of the impression coping



Taking of impression



Removal of the impression tray



Screwing of the healing abutment



Removal of the healing abutment



Placement of the final prosthesis

iPhysio® protocol in 4 steps



1
Screwing of
the iPhysio® Profile Designer



2
Taking of the digital or
conventional impression



3
Removal of
the iPhysio® Profile Designer

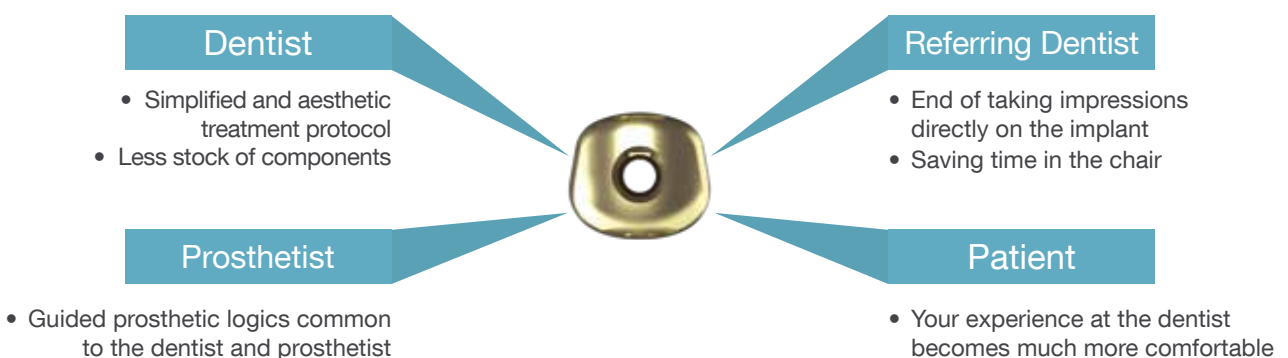


4
Placement of the final prosthesis

4
STEPS IN
THE MOUTH
INSTEAD OF
8
SIMPLICITY
RAPIDITY

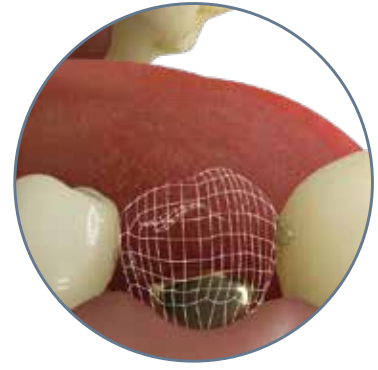
3
SUB-GINGIVAL
INTERVENTIONS
INSTEAD OF
8
RESPECT OF
BIOLOGICAL
FACTORS

THE ADVANTAGES OF THE IPHYSIO® PROTOCOL FOR EACH STAKEHOLDER



COMPLETION OF A TEMPORARY TOOTH

The design of the iPhysio® Profile Designer makes it possible to create on iPhysio® a supra-gingival temporary tooth without modifying the part for the taking of impressions in the future.



Screwing of the iPhysio® Profile Designer



Placement of the temporary tooth on iPhysio®



Removal of the temporary tooth



Digital impression



Replacement of the temporary tooth on iPhysio®



Removal of the temporary tooth and the iPhysio® Profile Designer



Placement of the final prosthesis



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




COMPLETION OF THE FINAL PROSTHESIS WITH RECOVERY OF THE EMERGENCE PROFILE

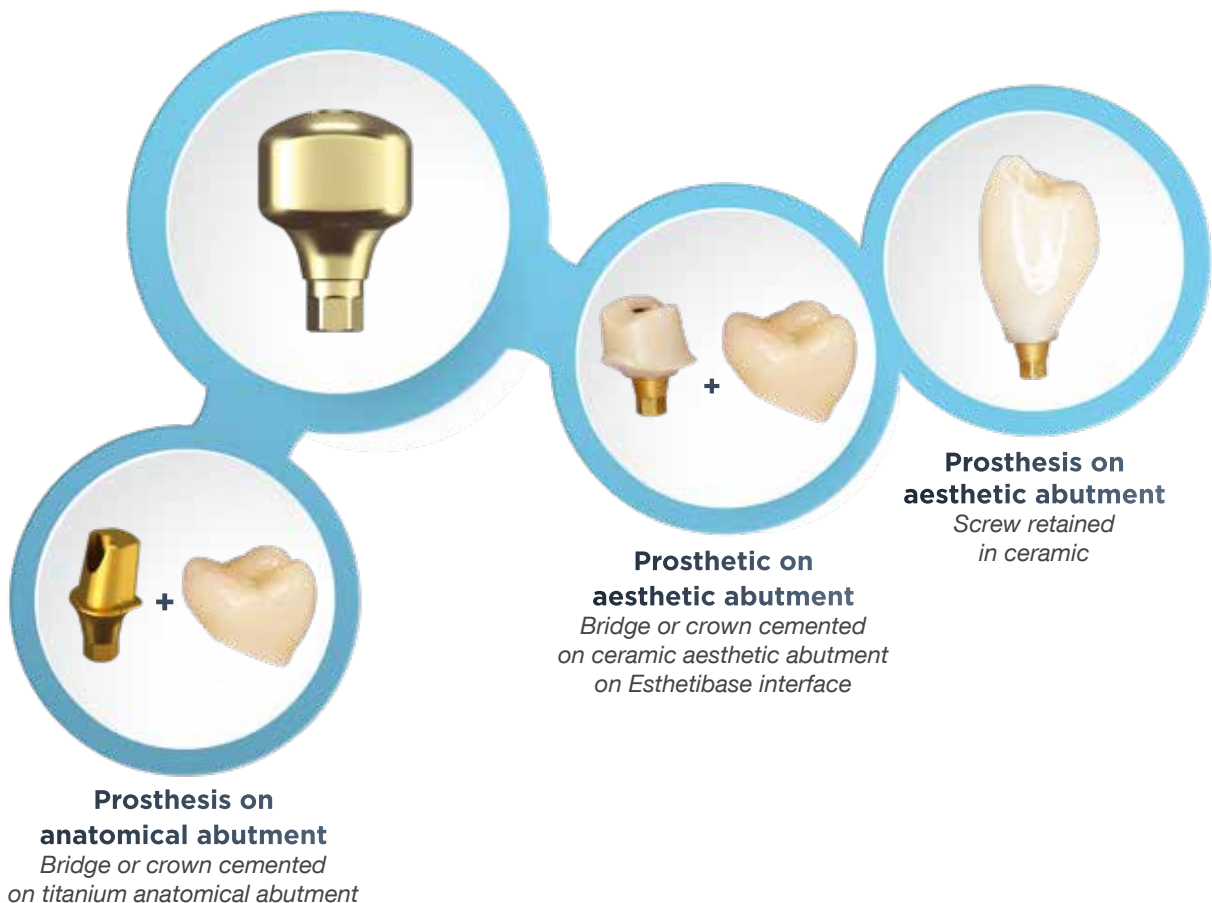
The iPhysio® concept facilitates the automatic recovery of the sub-gingival emergence profile by the dental technician for the creation of the customised solutions both with the cemented prosthesis and the screwed retained prosthesis.



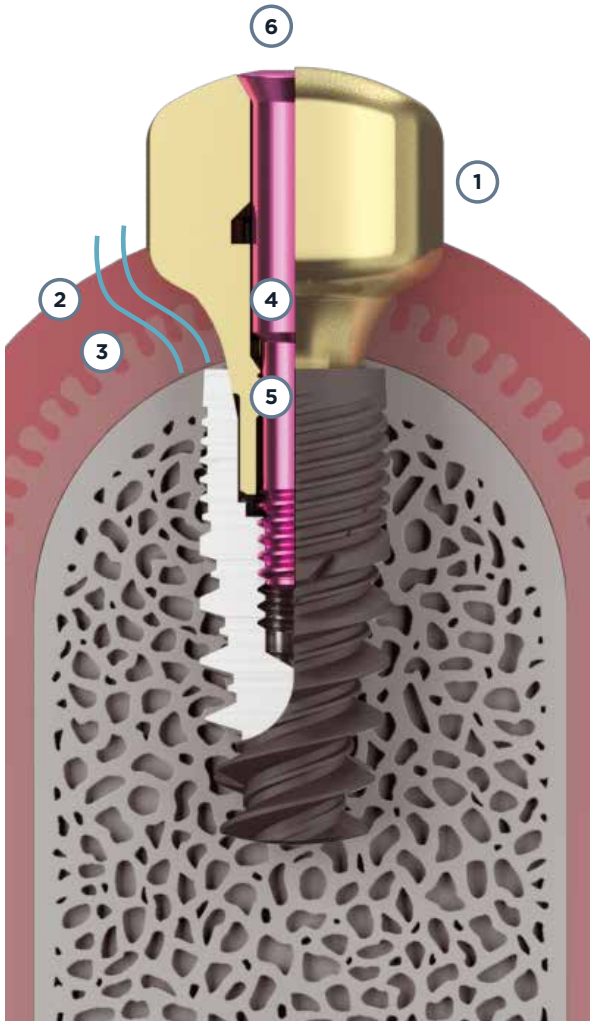
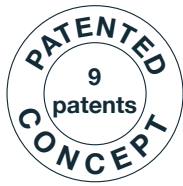
iPhysio® is compatible with most computer aided design softwares (Exocad, 3 shape...). The iPhysio® libraries are available in these softwares and the flows have been validated by our Research and Development department.

3shape 
exocad

FINAL ANATOMICAL AND AESTHETIC PROSTHETIC ALTERNATIVES



A CONCENTRATION OF KNOWLEDGE AND EXPERIENCE



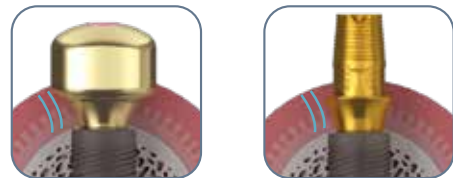
1 « Zirconia » coated titanium

- Limits the attachment of bacterial plaque: reduction of inflammation of the peri-iPhysio® tissue
- Scanning precision: no deformations
- Improved scannability with intra-oral scanners

2 Continuity of the emergence profile

- Gum preservation
- Better gingival stability
- Better osseointegration
- Avoids peri-implantitis
- Limits peri-implant bone resorption

3 Emergence profile perfectly suited to the Esthetibase titanium interfaces supporting the restorations sealed or screwed retained in zirconia



4 Coloured screw for identification of the Profile Designer height



5 « Captive » screw for transporting the abutment without risk of falling out

6 Conical seal on the screw head for advanced bacterial control

IPHYSIO® IS COMPATIBLE WITH MOST BRANDS

> Biotech® Dental

> Straumann®

> etk®

> Nobel Biocare®

> Global D®

> Anthogyr®

> Alpha-Bio Tech®

> AB Dental®

> Zimmer Biomet®

> MIS®

> Implant Direct™

> Easy Implant®

> BioHorizons®

> Astra Tech®

THE ADVANTAGES OF USING OF THE IPHYSIO® PROFILE DESIGNER

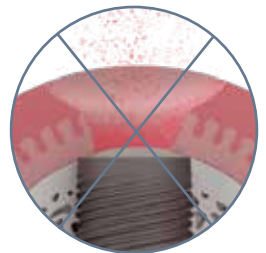
RESPECT FOR BIOLOGICAL FACTORS

- Reduction of number of soft tissue interventions
 - Preservation of the mucosa attachment and the biological width
 - Reduction in peri-implantitis risks
- Papilla guiding
- No risk of contamination of the implant site during removal of the parts for the taking of the impression and the insertion of the temporary prosthesis



SIMPLIFICATION AND RATIONALISATION OF THE PROTOCOL

- Only 1 part required to do it all: healing, impression and temporary
- Homothety of the profiles between the iPhysio® Profile Designers and the Esthetibase titanium interfaces



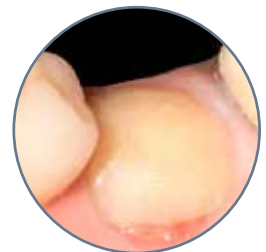
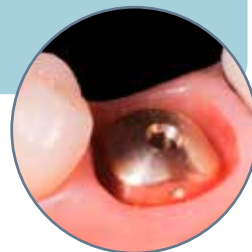
PROGRESS IN THE DENTAL PRACTICE

- Time saving
- Fewer components to manage (in the case of a digital impression)
- Ideal for referrals owing to simplification of the parts management
 - No purchase of impression copings and analogs
 - Less handling
 - A simplified protocol



A TEMPORIZATION SOLUTION FOR EACH CLINICAL CASES

- Thanks to the temporary abutment, the iPhysio Profile Designer can receive :
 - A restoration for aesthetic (in anterior sector)
 - An SSA (socket shield abutment) in posterior sector to guarantee the sealing of the extraction socket



IMPROVEMENT IN THE PATIENT EXPERIENCE

- Comfort in taking the impression (no pain owing to the change of component)
- Time saving
- Reduction in the number of sessions
- Aesthetic result



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YOUR IMPLANT PROSTHESIS
WITH OUR LYRA PARTNER LABORATORIES
IPHYSIO READY CERTIFIED



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