



THE GOLD STANDARD
OF MODERN IMPLANTOLOGY



LYRAETK
DIGITAL DENTAL PROTOCOLS
Simple . Safe . Accessible



The Next Generation Implant Protocol

Simplify your workflow. Enhance biological integration. Deliver long-lasting esthetic results.

Developed from **LYRA ETK®'s combined expertise in digital dentistry and implant technology**, iPhysio® introduces a new generation clinical protocol designed to improve reliability, streamline procedures, and ensure long-term implant success.

This **anatomically designed** 3-in-1 component integrates:

- a healing abutment
- a scanbody
- a temporary abutment

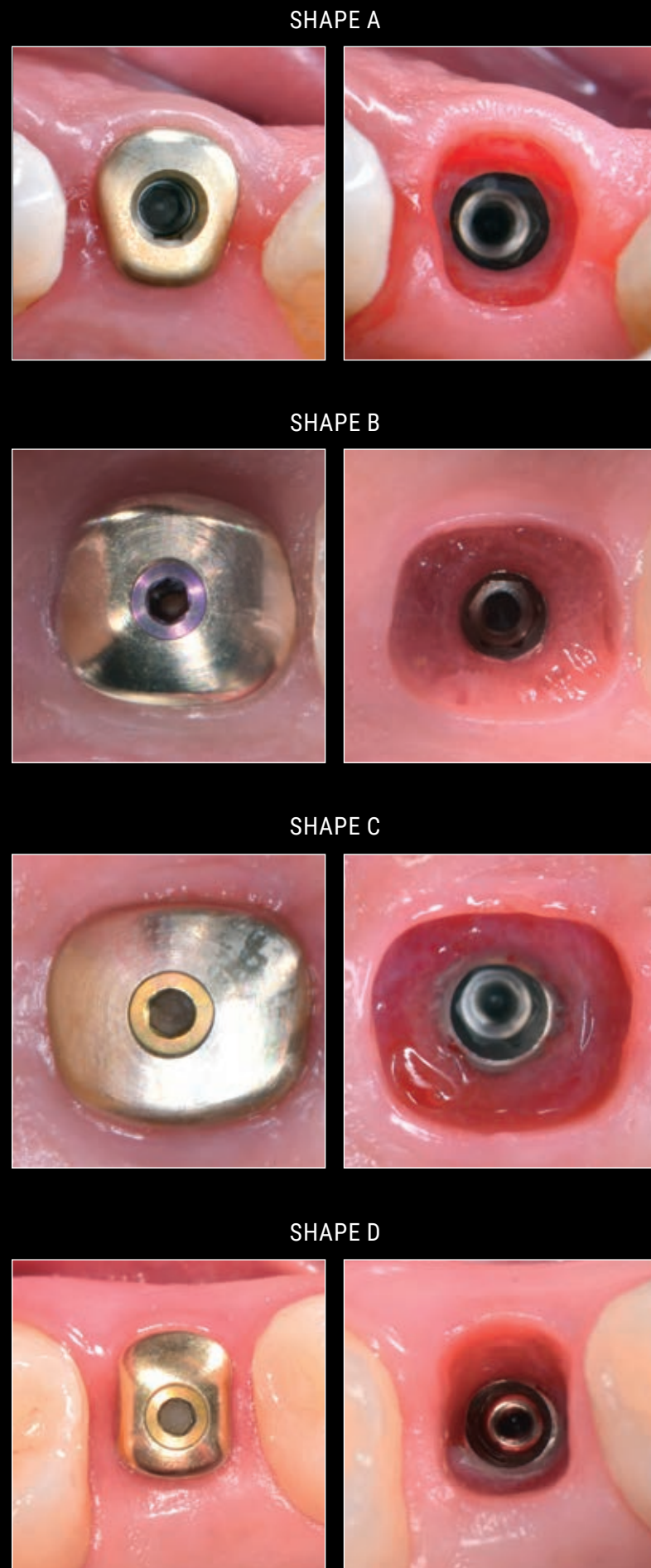
By serving as the **single central component from healing initiation to final prosthesis placement**, iPhysio® enables a **no-removal protocol** that protects the implant environment throughout treatment.

The result: **enhanced biological integration and optimized functional and esthetic outcomes over time.**

With its **dedicated surface treatment and proprietary design**, iPhysio® delivers **unique soft-tissue integration properties** and is compatible with most implant systems.

iPhysio® has received DDS certification and is supported by scientific validations published in the Journal of Dentistry.





Clinical case and pictures by Dr Jaafar Mouhyi

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

SAFE

Bioactive surface

Microtexturing + Dual coating
with zirconia activation finish
Biological seal through mucosal
integration



Antibacterial
shield
Protected connection



Dual-Zone design
with U-shaped profile
Soft-tissue support



Ensures
the emergence
profile



Upgrade
YOUR implant

ACCESSIBLE

Universal

Compatible with your implants*,
interfaces and screwdrivers

All intra-oral CT scanners,
all softwares, all laboratories



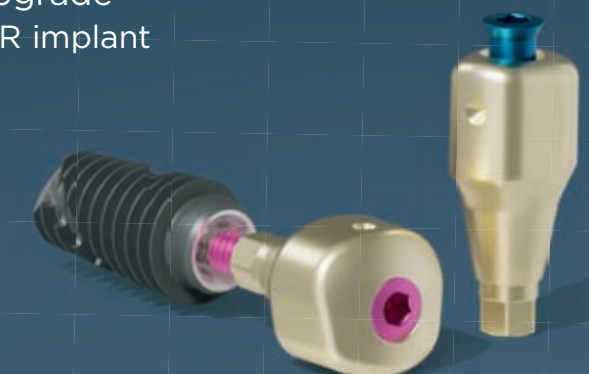
Two parts less
(scanbody, temporary abutment)



Training
and support



Your trained
and certified
laboratory



iPHYSIO® : THE BIO-LOGICAL APPROACH

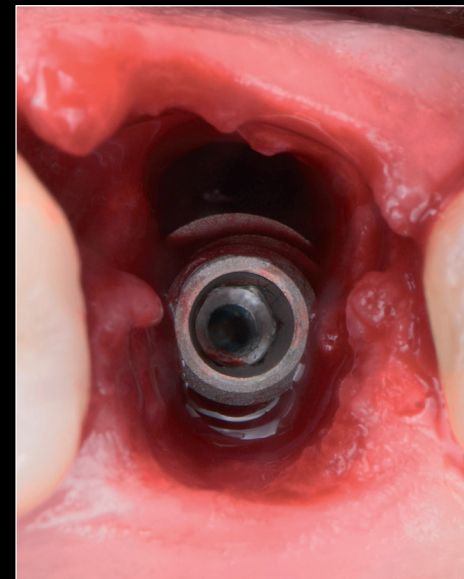


- 1 PROSTHETIC PROJECT**
Emergence profile, biological space and contact points.
- 2 IMPLANT PLANNING**
Ideally position your implant subcrestally (Umbrella concept, Alberto Miselli) to save the biological space.
- 3 iPHYSIO® PLANNING**
The iPhysio® Selector helps you determine the optimal shape and height required for soft-tissue support and maintenance of the biological space.
- 4 INCISIONS AND DRILLING**
Limited flap technique (Dennis Tarnow) to preserve the papillae then insertion of your implant.
- 5 IPHYSIO® SELECTION**
Choose the shape and height for tissue support and biological space using the selector and the iPhysio® Try In Profile Designer Kit.
- 6 PHYSIO® POSITIONING**
Option: Poncho technique with PRF or membrane (improves healing).
- 7 SUTURES**
Mattress stitches
Options : Temporary prosthesis directly on iPhysio®.
- 8 IMPRESSION ON IPHYSIO®**
Physical or digital.
- 9 DEFINITIVE PROSTHESIS**
Placed on the base compatible with your implant system, designed to be homothetic to the selected iPhysio® profile.
Polished zirconia crown (without glazing in the soft-tissue zone) to preserve the quality of mucosal attachment.
- 10 IPHYSIO® REMOVAL**
And insertion of the prosthesis into its prosthetic bed without compression or anaesthesia.
Restoration of the mucosal attachment.

SCIENTIFIC PUBLICATIONS



Jaafar Mouhyi, Maurice Salama, Adam Mouhyi, Henriette Lerner, Bidzina Margiani, Carlo Mangano,
A novel coded healing abutment for a simplified digital workflow: A retrospective clinical study on 103 patients with a one year follow-up,
Journal of Dentistry,
Volume 152, 2025, 105465, ISSN 0300-5712,
<https://doi.org/10.1016/j.jdent.2024.105465>.



Clinical case and pictures by Pr Jaafar Mouhyi

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



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.

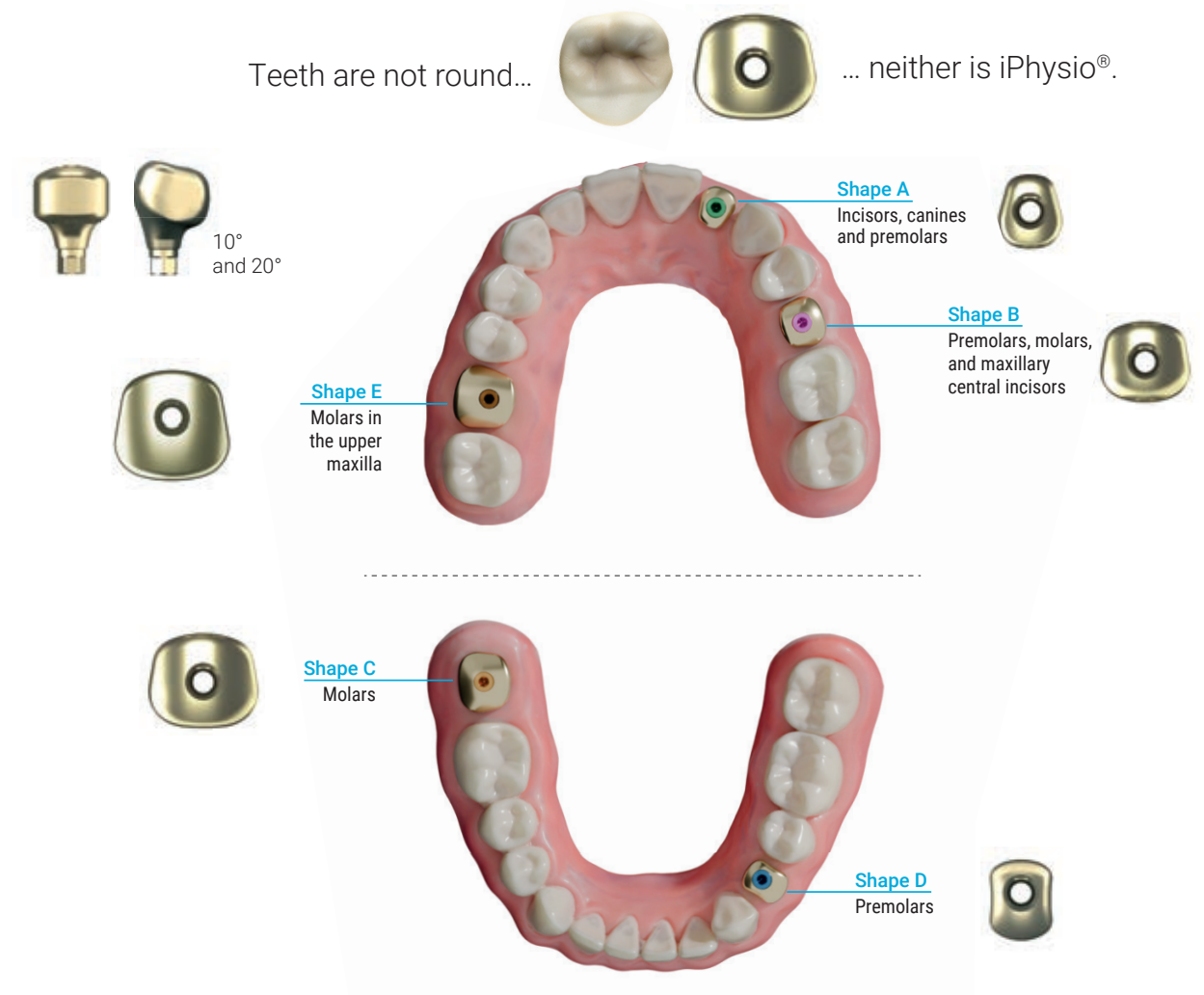
3 TEMPORARY on iPhysio®



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

ANATOMICAL AND CONSERVATIVE

5 SHAPES AND 2 ANGULATIONS



DUAL ZONE WITH U-SHAPED PROFILE



- Allows bone to migrate coronally along the implant collar, creating a biological seal that enhances bone stability.
- Applies controlled pressure on connective tissues, helping to support papillae and the gingival margin while maintaining the biological space.

BIOACTIVE. ANTIBACTERIAL. DESIGNED FOR SOFT-TISSUE HEALTH

BIOACTIVE SURFACE TECHNOLOGY

Just as implants rely on specialized surface treatments to promote bone integration, iPhysio® is engineered to support soft-tissue integration.

Its advanced surface treatment promotes **excellent biocompatibility** and the formation of a **strong biological seal**, supporting **high-quality mucosal attachment**.

Key features include:

- Precision-machined micro-textured surface guiding mucosal attachment orientation perpendicular to the abutment.
- Dual coating with zirconia finish providing superior biocompatibility and a smooth, rounded surface topography.
- Zirconium nitride surface layer designed to stimulate ionic exchanges with the surrounding biological environment. By preparing an ideal prosthetic emergence profile, iPhysio® creates a biologically optimized soft-tissue cradle for the definitive prosthesis.



Pictures by Dr Jacques Cheylus

PROTECTING THE IMPLANT CONNECTION

Because iPhysio® remains in place throughout the protocol, it protects the implant connection and helps maintain the integrity of the surgical site.

Benefits include:

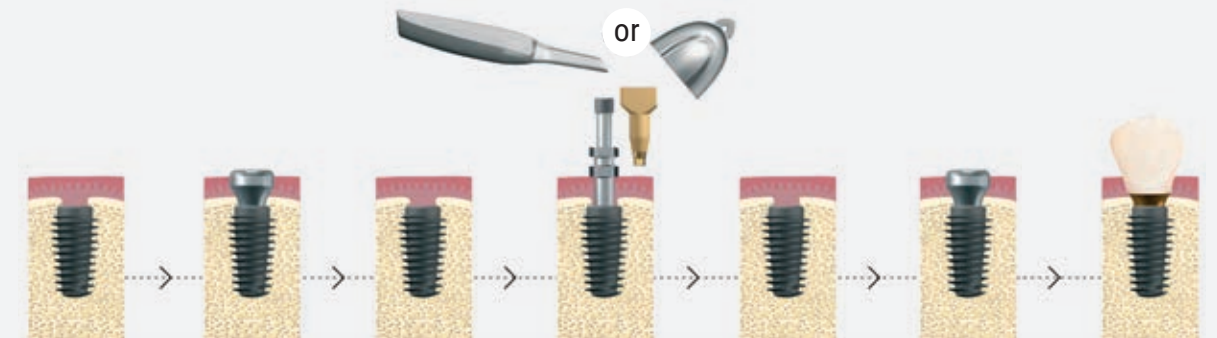
- Reduced risk of implant site contamination from repeated component removal
- Continuous protection of the implant interface
- Reduced plaque adhesion on the abutment surface



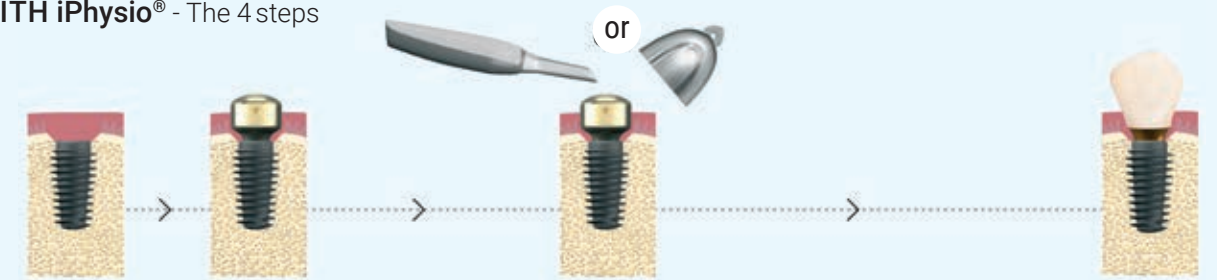
REDUCED CHAIR TIME

4 STEPS INSTEAD OF 7

WITHOUT iPhysio® - The 7 steps of the classic protocol

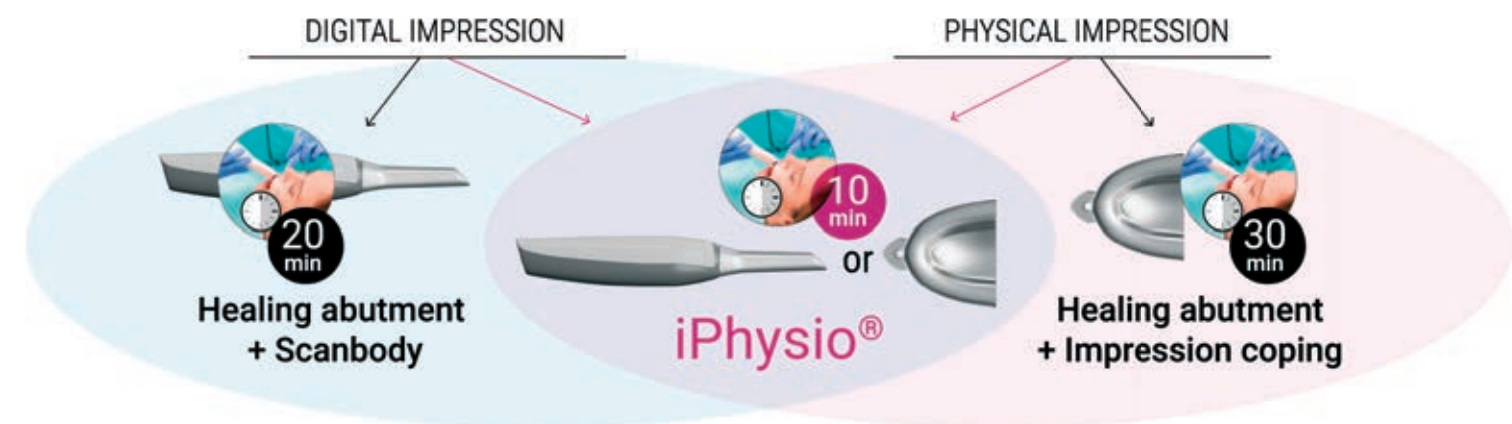


WITH iPhysio® - The 4 steps



IMPRESSION IS 2 TO 3 TIMES FASTER

- No part handling

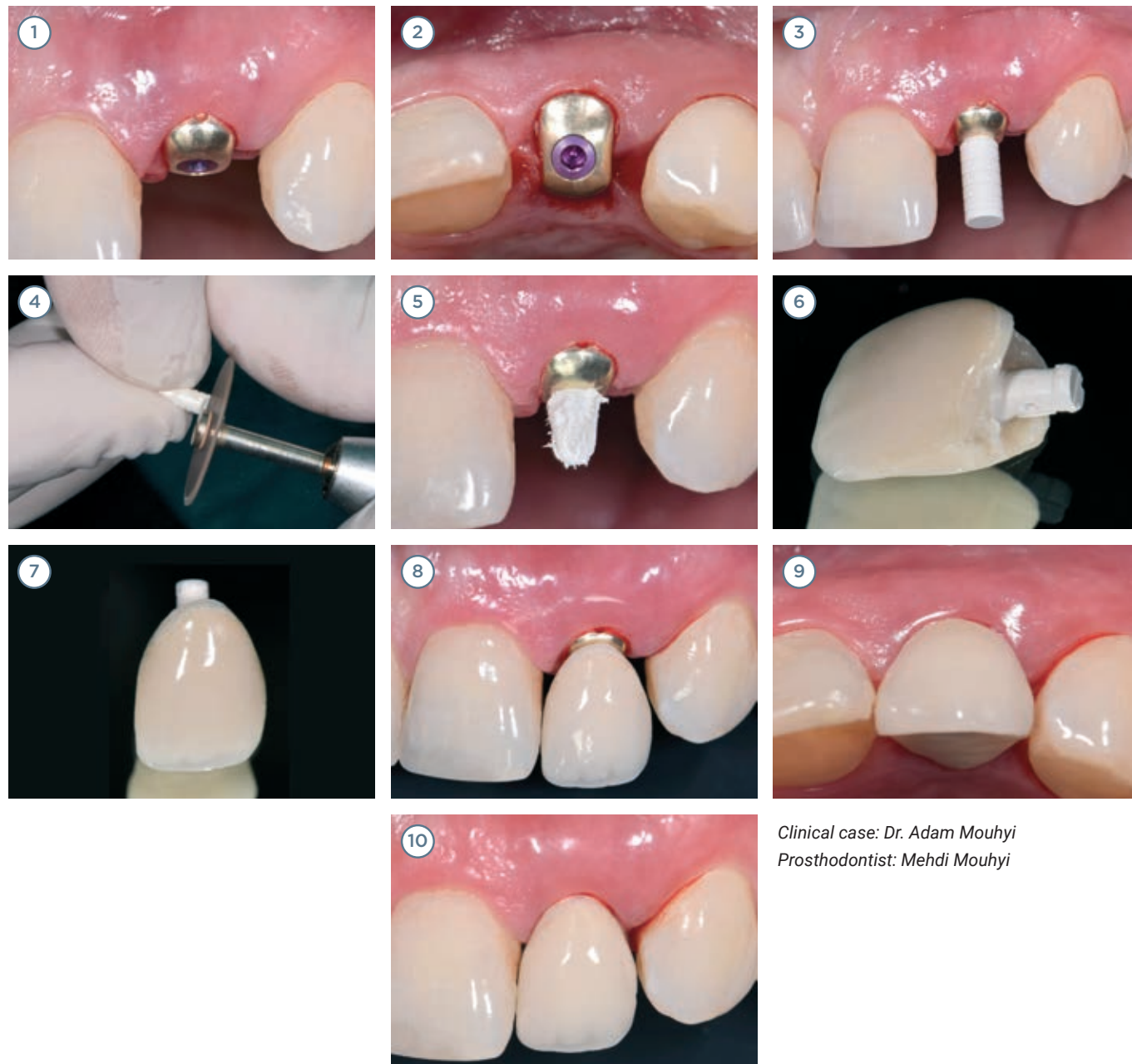


TEMPORIZATION

IMMEDIATE ESTHETIC PROVISIONALIZATION

The **clip-on temporary abutment** attaches directly to iPhysio®, supporting the provisional restoration immediately after placement.

- Provides sufficient retention to stabilize the provisional crown, provided it is placed out of occlusion.
- Designed to resist approximately 15 N (1.5 kg) of tensile force before disengagement. The temporary abutment also functions as a protective mechanical "fuse." If excessive force is applied, it disengages—helping preserve implant stability.

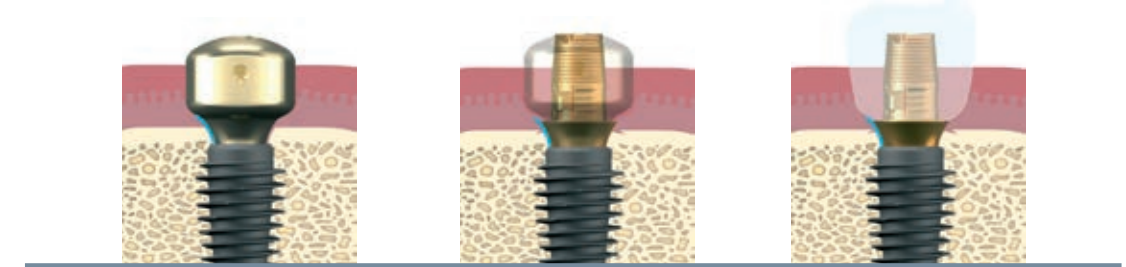


ENSURES THE EMERGENCE PROFILE

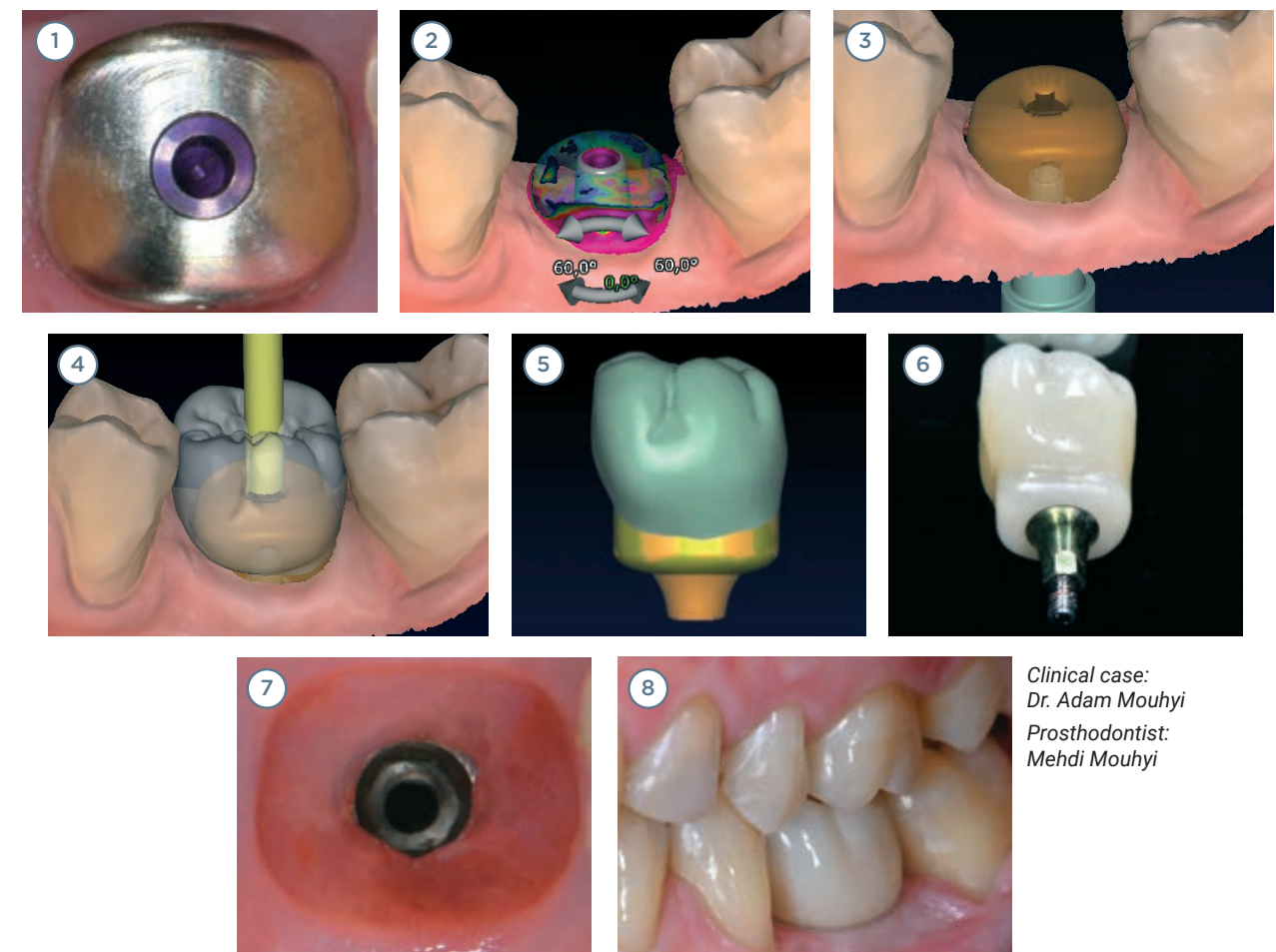
When making the final prosthesis, the iPhysio® protocol makes it easy to reproduce the tissue conformation obtained by recovering the emergence profile, guaranteeing an esthetic and long-lasting result.

EMERGENCE PROFILE 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.





UNIVERSAL PROTOCOL

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

GUIDED IMPLEMENTATION

Access a full range of clinical tools and support materials designed to help you seamlessly integrate iPhysio® into your daily practice.



PATIENT BENEFITS

For patients, iPhysio® represents a more comfortable and efficient treatment experience.

- Faster treatment timelines
- Fewer appointments
- More comfortable procedures
- Highly esthetic outcomes
- Long-term treatment durability



MADE IN FRANCE



- LYRA ETK® is the French medtech company specializing in dental restoration.
- LYRA ETK® combines biological expertise with advanced digital implantology to deliver innovative solutions for functional and esthetic implant restorations.
- LYRA ETK® offers simple, safe and accessible digital dental protocols for the benefit of dentists, laboratories and patients.



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Medical devices in compliance with European Regulation MDR (EU) 2017/745, Class I (CE marking), IIa, and IIb implantable (CE 0425 marking). Devices must be used by oral healthcare professionals. Please read the instructions for use and technical guide or operating technique carefully.

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