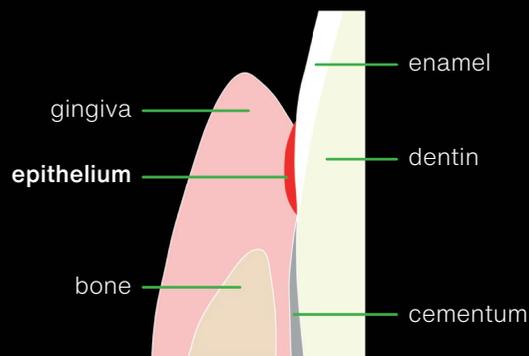


SYMBIONIC TEETH

PATENT™ SYMBIONIC TEETH THE NEXT GENERATION

A STRONG DEFENSE BARRIER IS KEY!

With **epithelial cells attaching strongly** to their surface, natural teeth form a genuine connection with the surrounding soft tissue, which plays a critical role in maintaining dental health by providing a protective barrier against plaque migration and bacterial invasion.



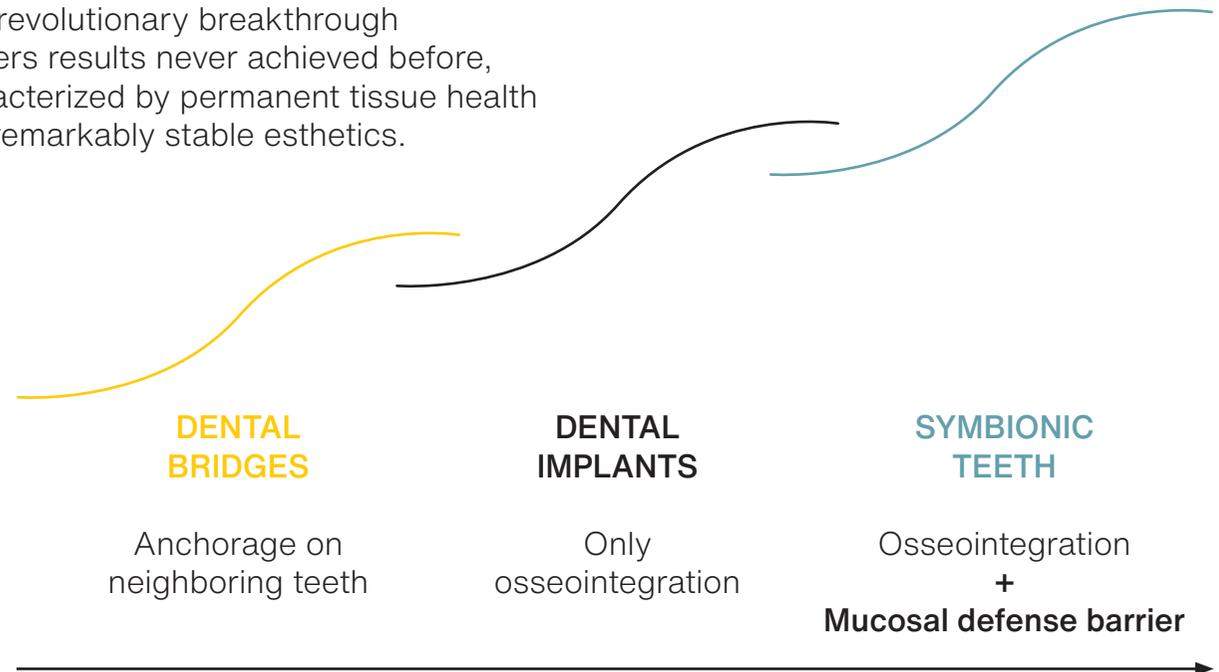
WE MAKE TOOTH REPLACEMENT BETTER

When a tooth is lost, the surrounding soft-tissue barrier is destroyed - a protection that dental implants can never restore. Without this barrier, plaque and bacteria easily penetrate deep into the tissues, triggering inflammation of both soft tissue and bone.

Patent™ Symbiotic Teeth are the first tooth replacement solution with a scientifically proven mucosal defense barrier.

THE NEXT GENERATION IN TOOTH REPLACEMENT

This revolutionary breakthrough delivers results never achieved before, characterized by permanent tissue health and remarkably stable esthetics.



PATENT™ SYMBIONIC TEETH PROVEN BY SCIENCE

Drawing from long-term scientific studies and real-world clinical experience, Patent™ Symbiotic Teeth have been designed to preserve soft-tissue health, maintain esthetic outcomes, and ensure biological success where dental implants fall short.

A NEW PARADIGM

As the first tooth replacement solution, Patent™ Symbiotic Teeth have been shown in clinical trials to completely prevent peri-implantitis and significantly reduce the risk of mucositis – even in patients with increased oral health risks such as smoking, complex medical histories, and those under medication.¹

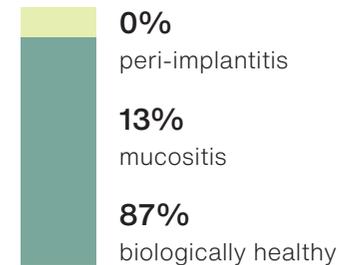
MINIMIZED SIDE EFFECTS SCIENTIFICALLY PROVEN & CLINICALLY VALIDATED

PATENT™ SYMBIONIC TEETH

Two long-term studies provide scientific evidence of the groundbreaking success of Patent™ Symbiotic Teeth.^{1,2}

These studies demonstrate that Patent™ Symbiotic Teeth deliver predictable results over time while significantly reducing the risk of tissue inflammation.

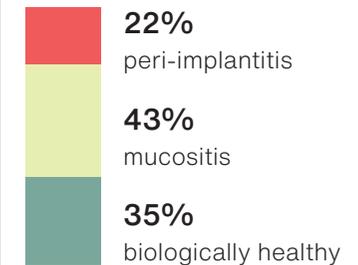
This applies not only to university clinic settings with strict patient inclusion criteria, but also to the daily clinical practice where patients with risk factors are common.



Independent long-term data on Patent™ Symbiotic Teeth reports:²

- 0% peri-implantitis
- 13% mucositis

DENTAL IMPLANTS



A large-scale systematic review on peri-implant diseases reports:³

- 22% peri-implantitis
- 43% mucositis (compromised esthetics)

PATENT™ SYMBIONIC TEETH

Situation after prosthetic restoration

Prof. Jürgen Becker



PATENT™ SYMBIONIC TEETH

16 months after prosthetic restoration

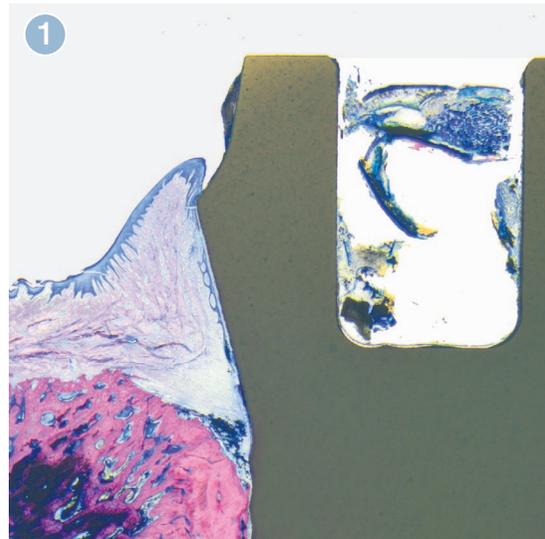
Prof. Jürgen Becker



A peer-reviewed long-term study conducted at the University of Düsseldorf reports an average mucosal recession of 0.1 mm (±0.2 mm) for Patent™ Symbiotic Teeth after 9 years.²

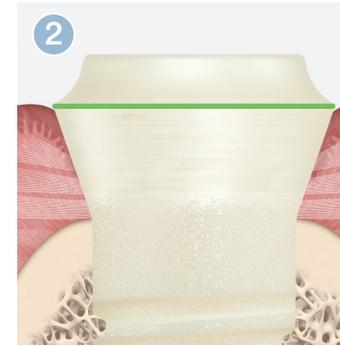
DESIGNED FOR PERMANENT DENTAL HEALTH

THE COMBINATION OF THREE UNIQUE STRENGTHS LEAD TO PERMANENT DENTAL HEALTH



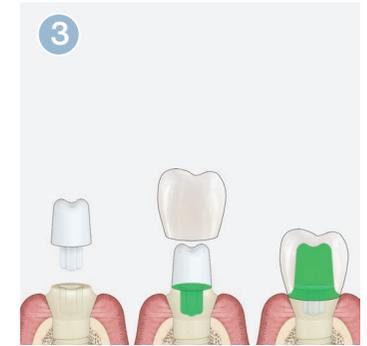
MUCOSAL DEFENSE BARRIER

The soft-tissue bond around the transmucosal Patent™ surface creates a mucosal defense barrier protecting the tissue against the downward migration of plaque and the penetration of bacteria.



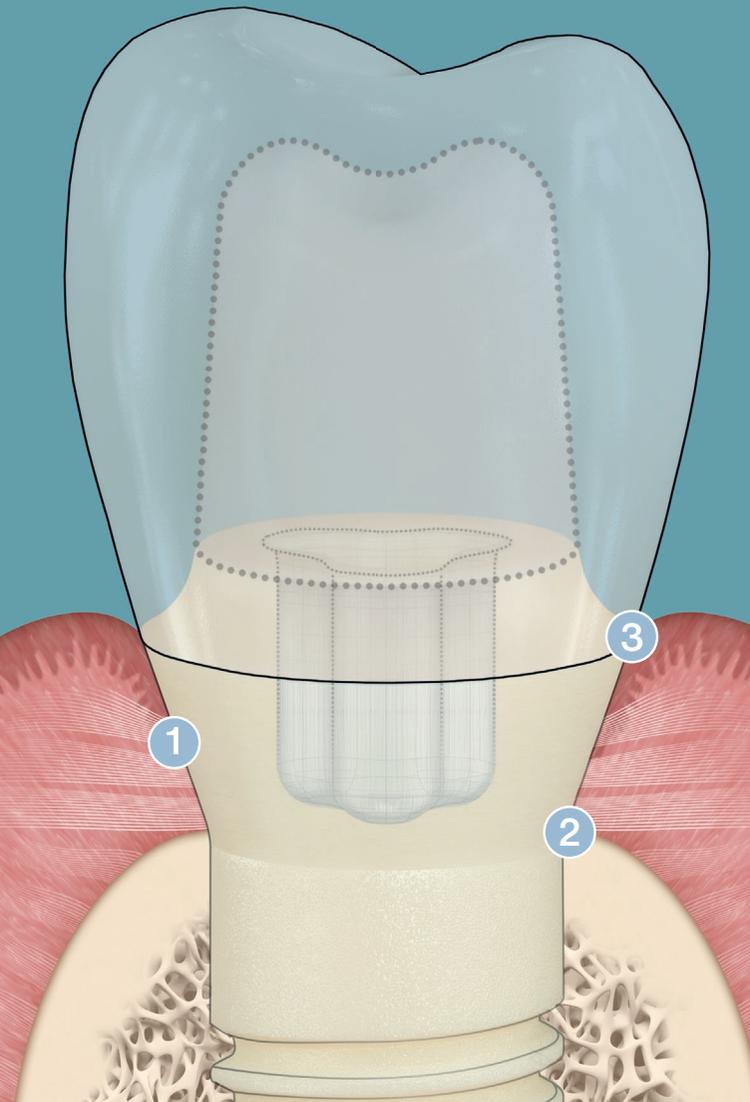
TRANSMUCOSAL DESIGN

Patent™ Symbiotic Teeth have no gaps close to the crestal bone level or within the soft tissue, effectively preserving tissue integrity.



SEALED CONNECTIONS

By adhesively bonding all components of the Patent™ Symbiotic Teeth System, there are no gaps for bacteria to invade and there is no space for bacterial colonization.



PERMANENT DENTAL HEALTH

A peer-reviewed long-term study conducted at the University of Düsseldorf reports unprecedented results for Patent™ Symbiotic Teeth after 9 years:²

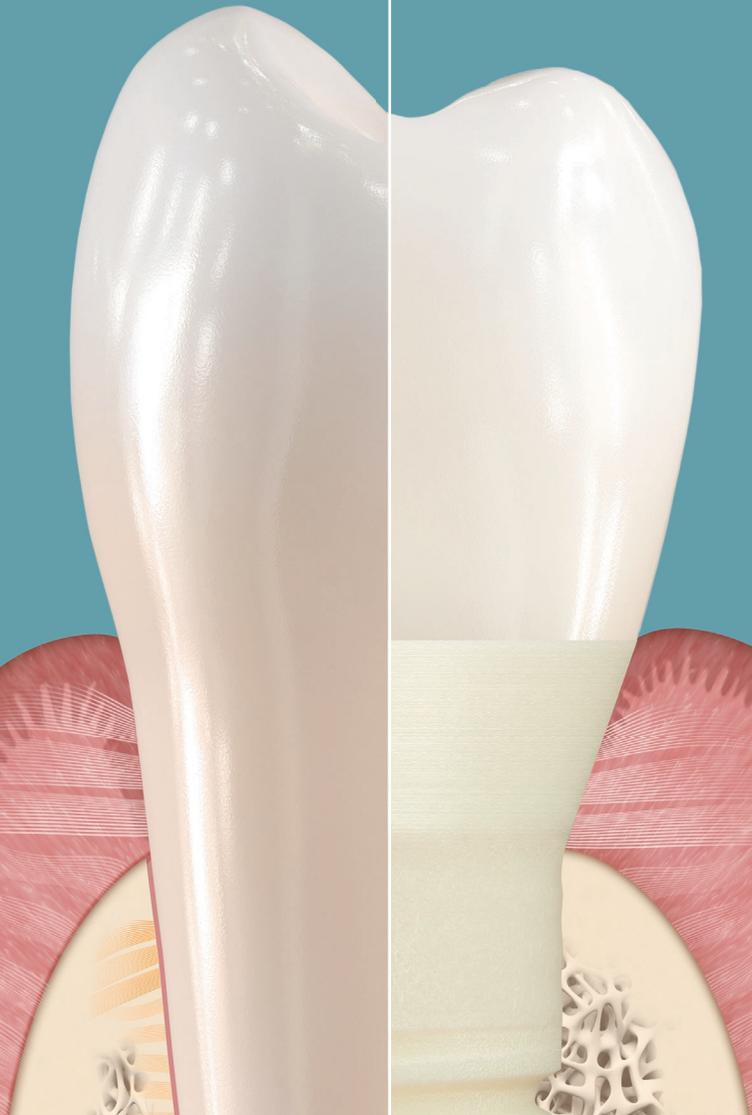
- Average mucosal recession: 0.1 mm (± 0.2 mm)
- Average probing depth: 3.0 mm (± 0.6 mm)
- No peri-implantitis

Left: A Patent™ Symbiotic Tooth in a high-risk patient after 4.5 years. Shallow probing depth, comparable to a healthy natural tooth (≤ 3 mm).

INSPIRED BY NATURE

NATURAL TOOTH

SYMBIONIC TOOTH



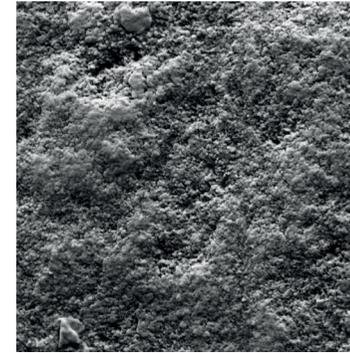
A MUCOSAL DEFENSE BARRIER THANKS TO A UNIQUE SURFACE

The transmucosal Patent™ surface is mucophilic, featuring a unique structure modeled after that of a natural tooth.

Demonstrated for the first time for a tooth replacement solution:

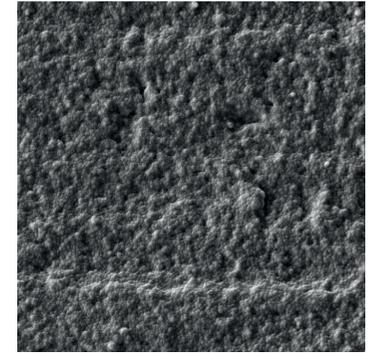
The bonding of soft tissue to the transmucosal surface of Patent™ Symbiotic Teeth – resulting in a mucosal defense barrier.⁴⁻⁶

© Dr. Peter Schüpbach



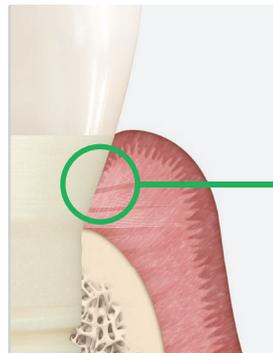
Human enamel

© Dr. Peter Schüpbach



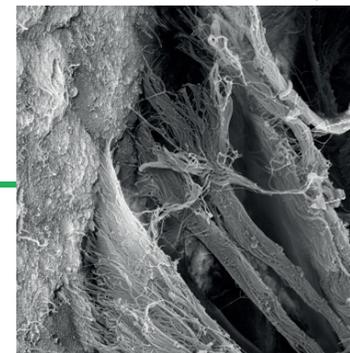
Patent™ mucophilic surface

© Dr. Peter Schüpbach

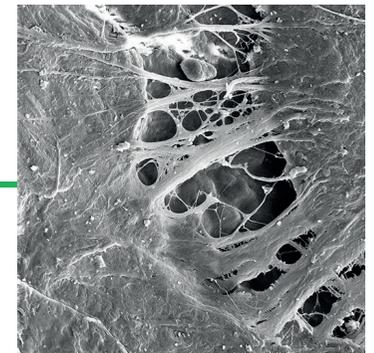


Mucosal defense barrier around the Patent™ collar

© Dr. Roland Glauser



Human teeth: **soft-tissue attachment**⁷

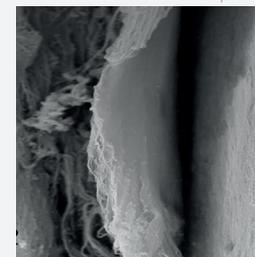


Patent™ Symbiotic Teeth: **soft-tissue bond**

When a tooth is lost, the surrounding soft-tissue barrier is destroyed.

Conventional tooth replacement solutions have not been shown to restore this critical defense mechanism, leaving an open pathway for bacteria to trigger inflammation.

© Dr. Peter Schüpbach



Dental implants achieve at most a **fragile adhesion** of soft tissue.⁷

SCIENTIFICALLY PROVEN CLINICALLY VALIDATED

EXPERT STATEMENTS

made at the Zero Peri-Implantitis symposium, EuroPerio11 Vienna, by:

- Prof. Anton Sculean
- Prof. Gil Alcoforado
- Dr. Roland Glauser
- Prof. Andrea Pilloni

“The treatment of peri-implantitis is extremely difficult and unpredictable. That’s why we must try to prevent it!”

“With Patent™, we see an unprecedented bond in the soft-tissue area!”

“The combination of the tissue-level concept and a unique transmucosal surface topography is the key to lasting success.”

„With Patent™, we don’t see typical pockets of 5 mm or more, but rather shallow probing depths of no more than 3 mm – comparable to healthy natural teeth!“



Dr. Roland Glauser
Zürich, Switzerland
www.cosmodent.ch



3 months after tooth extraction,
before insertion.



Situation after insertion.



Dr. Sebastian Horvath
Jestetten, Germany
www.drhorvath.de



Initial situation.



Situation after insertion.



Dr. Fabio Rossi
Dr. Filippo Battelli
Bologna & Rimini, Italy



3 days after insertion.



1 week post-op:
stage-appropriate healing.



5 days post-op:
stage-appropriate healing.



3 months post-op,
before prosthetic restoration.



3 years post-op:
healthy and stable soft tissue.



4.5 years post-op:
healthy soft tissue, shallow probing depths.



3 months after insertion,
before post bonding and preparation.



Situation after preparation of post and
shoulder of symbiotic tooth.



3.5 years post-op:
healthy and stable soft tissue.



6 years post-op:
healthy and stable soft tissue.



2 months post-op:
healthy soft tissue.



Situation after delivery of final crowns
(3 months post-op).



6 months after delivery of final crowns:
healthy soft tissue.

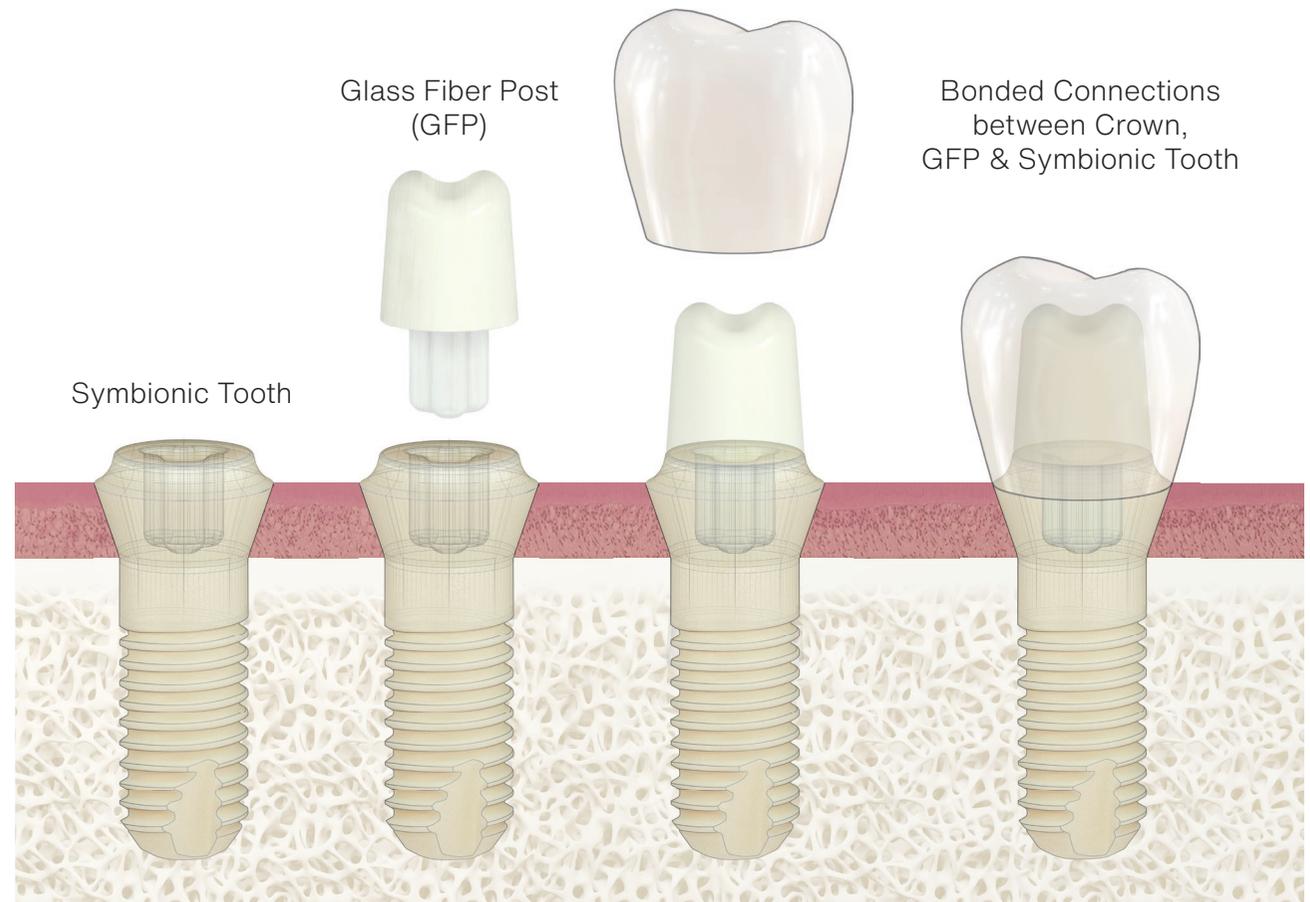


3 years after delivery of final crowns:
healthy soft tissue.

PATENT™ SYMBIONIC TEETH PRODUCT SYSTEM



THE PATENT™ SYMBIONIC TEETH SYSTEM



PATENT™ BIOXIDE-S

Bioxide-S is a polycrystalline oxide material whose microstructure, phase stability, and color characteristics are specifically defined through a finely tuned doping with lanthanides and other stabilizing oxides.

PATENT™ MANUFACTURING PROCESS

The unique composition of Bioxide-S, proprietary to Patent Medical, is processed using a multi-patented manufacturing method to create the required surface topography and roughness.

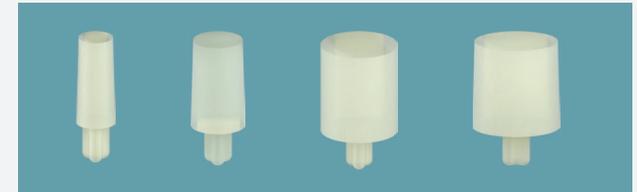
PATENT™ SYMBIONIC TEETH PRODUCT OVERVIEW



A PRODUCT RANGE FOR ALL CLINICAL INDICATIONS

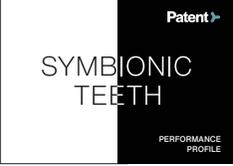
Patent™ Symbiotic Teeth are available in two profiles - Performance and Care - offering confidence across all clinical indications.

PATENT™ GFP



The Patent™ GFP functions as a prosthetic retention element that can be fully customized using established dental principles.

PATENT™ SYMBIONIC TEETH

profile design		shoulder sizes			
		WIDE SHOULDER	MEDIUM SHOULDER	REGULAR SHOULDER	MICRO SHOULDER
PERFORMANCE PROFILE					
		diameter ● 4.5 mm ● 5.0 mm lengths 9, 11, 13 mm	diameter ● 4.5 mm ● 5.0 mm lengths 7, 9, 11, 13 mm	diameter ○ 4.1 mm lengths 7, 9, 11, 13 mm	
	CARE PROFILE		diameter ● 4.5 mm ● 5.0 mm lengths 9, 11, 13 mm	diameter ● 4.5 mm ● 5.0 mm lengths 7, 9, 11, 13 mm	diameter ○ 4.1 mm lengths 7, 9, 11, 13 mm

MANUFACTURING EXCELLENCE PROTECTED BY 14 PATENTS



IN-HOUSE MANUFACTURING ENSURES HIGHEST QUALITY AND RELIABILITY

The unique manufacturing process specifically developed for Patent™ Symbiotic Teeth is protected by three patent families, including a total of 14 patents.

It creates the ideal surface topography and roughness required for the unique bonding of soft tissue to the Patent™ surface.

The resulting mucosal defense barrier is crucial for maintaining long-term tissue health and ensuring exceptionally stable esthetic outcomes.

MANUFACTURING AWARD 2025

MedTech Outlook

has recently honored Patent Medical as “Manufacturer of the Year in Europe.”

The award committee highlights: “The unique properties of the Patent™ surface are a result of its proprietary manufacturing process.”



With more than 20 years of continuous research and innovation, Patent Medical has become a recognized technology leader in dentistry.

From day one, we have operated our own production facilities, ensuring full independence and control over every step of manufacturing.

This approach enables us to deliver consistently high product quality and reliable processes across both of our plants.

PARTNER WITH US AND BECOME A PATENT™ USER

1. GET IN TOUCH WITH A PATENT™ SYMBIONIC TEETH SPECIALIST



2. PERSONAL INTRODUCTION AND QUALIFICATION

3. INITIAL COLLABORATION AGREEMENT

- 1-on-1 Onboarding
- 15 Patent™ Symbiotic Teeth
- Patent™ Surgery Kit

4. PATENT™ TEAM START: 10 SYMBIONIC TEETH CASES

5. PARTICIPATION IN A FOUNDATION-LEVEL COURSE

6. CONSECUTIVE COLLABORATION AGREEMENT

WE MAKE TOOTH REPLACEMENT BETTER. TOGETHER.

Offering Patent™ users continuous modular training is important to us!

As a Patent™ user, you benefit from high-quality educational programs conducted in close collaboration with top-tier educators and leading universities.

Ask your regional Patent™ Symbiotic Teeth Specialist about upcoming training events!

Patent ➔

info@mypatent.com
www.mypatent.com



Image credit: © Saúde Oral

WE MAKE TOOTH REPLACEMENT BETTER

Thanks to a long research history and continuous innovation, Patent™ is leading the fight against peri-implant diseases and elevating tooth replacement to the next level.

Symbiotic Teeth mark a revolutionary advancement in reconstructive dentistry – offering scientifically proven long-term success and esthetic outcomes that remain stable over time.

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Patent 

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