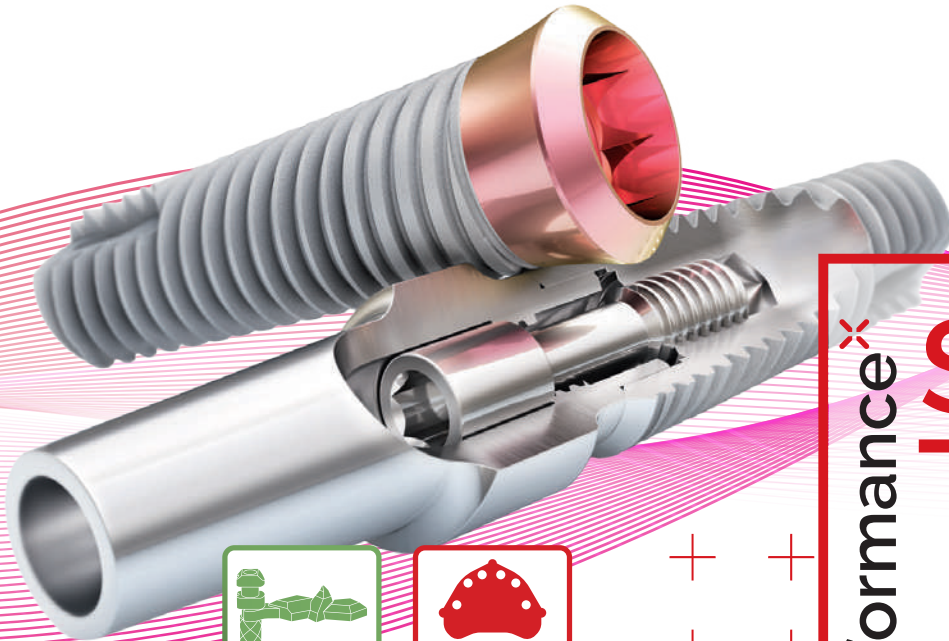




ScanBridge



Guided Surgery



Direct on MUA



Lab Design

performance
LINE
**SYS-
TEM
OVER-
VIEW**

Philosophy

TRI® Dental Implants is an innovative provider of digital implant solutions from Switzerland. Join our unique approach in implant dentistry!



Founder & CEO
Tobias S. Richter



THINK DIGITAL

TRI+ Digital Solutions for simple, fast and cost-efficient digital workflows



SWISS QUALITY

High-Quality Products from more than 25 years of World Class Production



PERFORMANCE

4 Gold Standards for maximum performance in your daily clinic



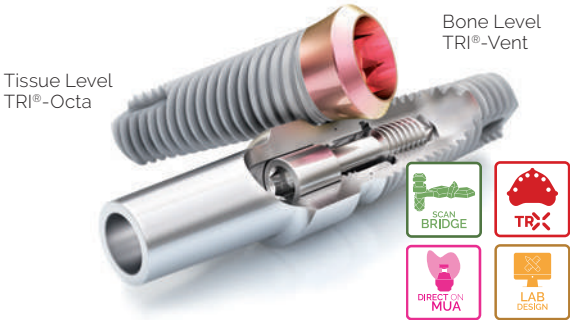
SIMPLICITY

A unique handling experience driven by an intelligent portfolio with 50% less components

Success factors of the TRI® Dental Implant System.

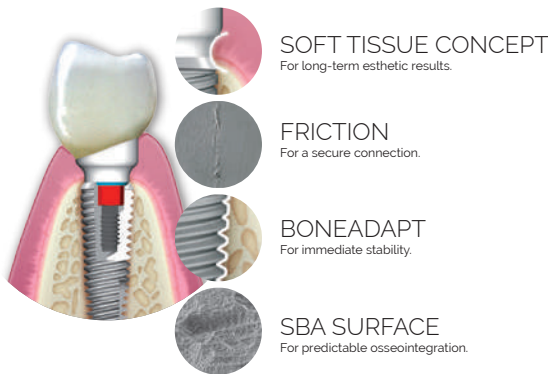
TRI® Performance Concept

The TRI® Performance Concept integrates 4 Gold Standards, in order to make the life of the practitioner as simple and yet high performing as possible to achieve natural esthetic results in daily practice.



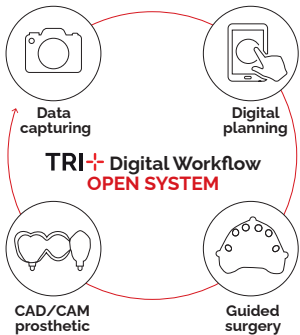
Implant Lines & Digital Apps

Crafted for anterior and posterior perfection, our TRI®-Narrow, TRI®-Vent, and TRI®-Octa lines are enhanced by digital applications that ensure efficiency and esthetic flexibility.



Packaging

The revolutionary touchless delivery concept TRI® Pod allows to pick-up the implant directly with the surgical hand-piece in one single step. Whilst guaranteeing the highest purity of the TRI® SBA surface. A true design innovation which will take your surgical performance to a new level.



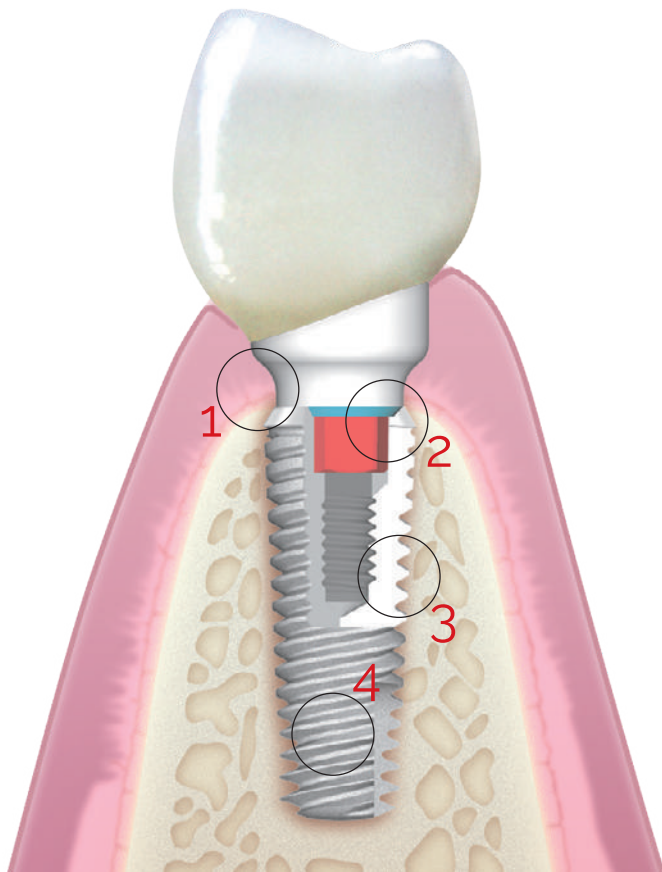
TRI® Digital

TRI®+ Digital Solutions guarantees a universal implant open interface to leading technology partners in digital dentistry. TRI®+ Digital Solutions allows a wide range of indications via 3D Planning, Guided Surgery, CAD Abutments, CAD/CAM screw-retained and cement-retained restorations or modern treatments such as All-on-TRI® procedures

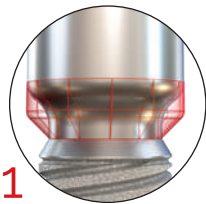


TRI® Performance Concept 4 gold standards in one concept.

The TRI® Dental Implant System integrates four essential technology features. Each feature aims to provide maximum performance and lasting quality for the treatment of the dentist. We combine these elements in the TRI® Performance Concept.

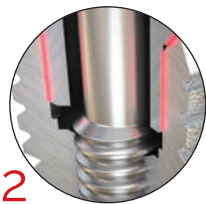


Soft Tissue Concept (Pag. 6-7)



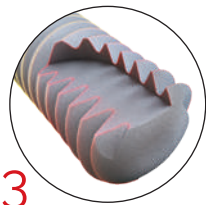
- + Integrative platform-switch concept to preserve the crestal bone
- + Consistent soft tissue management within all prosthetic components
- + Homogeneous transition between implant and abutment to avoid «dirt pockets»

Friction (Pag. 8)



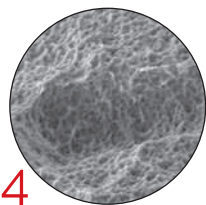
- + Secure abutment stability through a dense tapered press fit
- + Elimination of micro-movements between implant and abutment
- + Internal hex for guided abutment positioning

Boneadapt (Pag. 9)



- + High primary stability through a tapered implant body with self-cutting thread
- + Bio-mechanical bone-adaption with maximum bone-to-implant contact
- + Optimized conservation of the cortical bone through macro-thread design

SBA* Surface (Pag. 10-11)

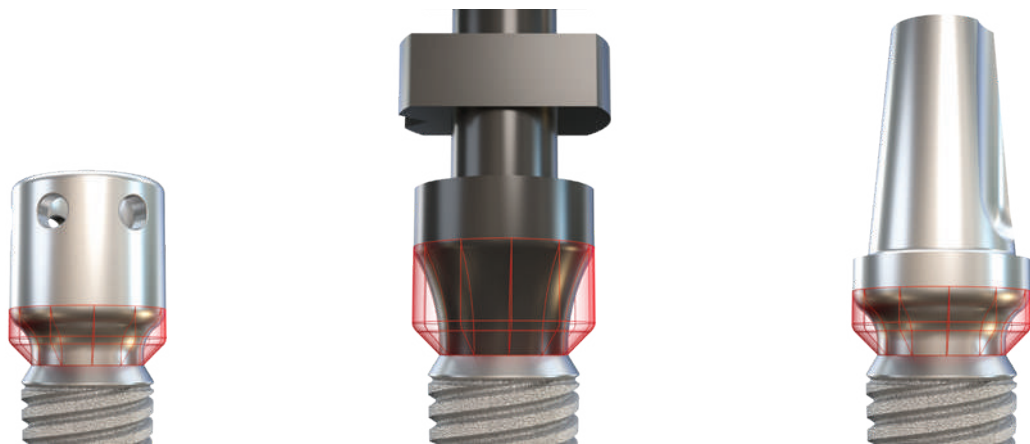


- + Fast and reliable osseointegration
- + Industry gold standard for secure osseointegration for more than 20 years
- + World's most scientifically proven surface technology.

*SBA: Sand-Blasted, large-grit, double Acid-etched

TRI® Soft Tissue Concept

For long-term esthetic results.



Healing Collar

Impression Transfer & Scanbody

Abutment

The soft-tissue interface of the TRI® Dental Implant System is unique and innovative at the same time. The continuous platform switch allows for a consistent and tight soft tissue seal around the implant abutment connection. All prosthetic components integrate a consistent emergence profile – covering all components, from impression post and healing cap to the final abutment.



Consistent Emergence Profile.

The soft tissue interface is smooth and leaves no "dirt pockets" despite its broad platform switching concept. As a result, the soft tissue protects and seals the critical implant-abutment interface.

TRI® Prosthetic Line

One connection fits all.

Maximum prosthetic flexibility with **ONLY** one connection

With only one prosthetic connection per implant line TRI® reduces the number of components to a minimum, optimizing the handling and storage requirements in the daily practice. Choose your optimal abutment with the TRI® Soft Tissue Concept, to achieve high-end esthetic results.



Highlights Products



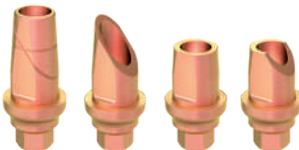
Impression Posts

TRI® offers revolutionary, patented instrument-free innovations for closed-tray and open-tray impression taking: digital or analog.



All-on-TRI® Abutment

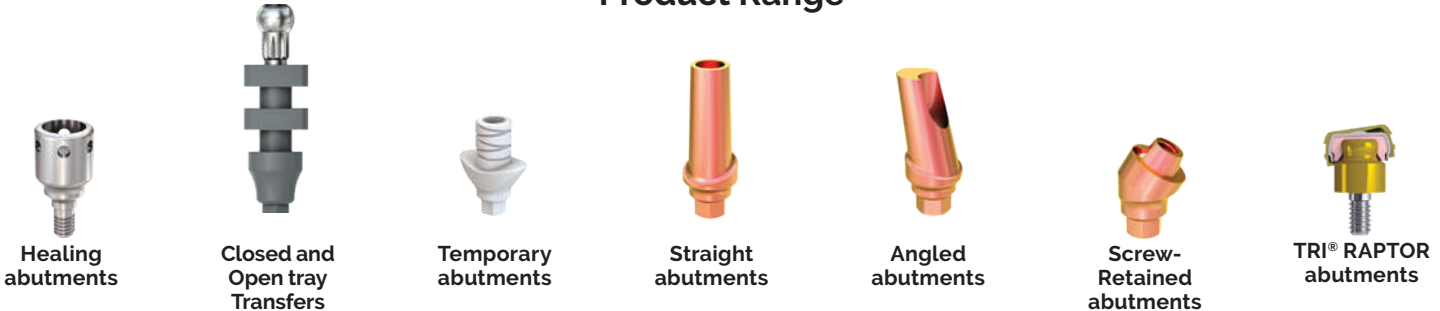
The „All-on-TRI“ Abutment allows for efficient and predictable treatment of fully edentulous patients with limited available bone.



TRI®-Base

The newly patented TRI®-Base is the first Ti-Base that can be customized in length and angulation, both physically by the technician and digitally in the respective CAD Software.

Product Range



TRI® Friction

For a secure connection.

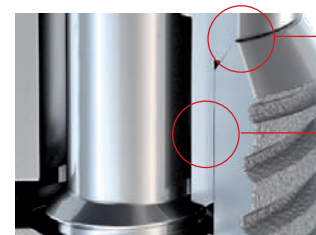


Probably the strongest connection in the world.

TRI® FRICTION is a technologically unique prosthetic connection and an integral element of the TRI® Performance Concept. A production tolerance of 0.006 mm guarantees the perfect and highly precise fit of the prosthetic components with long-term stability.

Advantages of TRI® FRICTION:

- + Press fit for maximal abutment stability
- + Avoid micro movements between implant and abutment
- + No screw loosening through rotational stability
- + Improved handling through retention of the abutment even without screw



Internal conical 45 degree connection to eliminate the micro-gap.

Frictional internal hexagon connection for maximum rotational and axial stability.

TRI® BoneAdapt

For immediate stability.

PLATFORM SWITCH NECK DESIGN
to shift the biological width horizontally
and stabilize the crestal bone

+ **Crestal thread design**
with square thread pattern to protect
the cortical bone

+ **Body thread design** (60 degrees)
to enhance bone surface area in the spongiosa
for optimal bone-to-implant contact

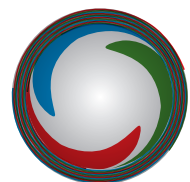
+ **Apical thread design** (45 degrees)
with increased sharpness for immediate primary
stability

+ **Round Apex**
to protect the Schneiderian Membrane



Triple-lead threads

Three independent threads start 120° apart and spiral around the implant body and end on the crestal vertical groove. Triple threads provide a lead of 1.8 mm per rotation as an average.



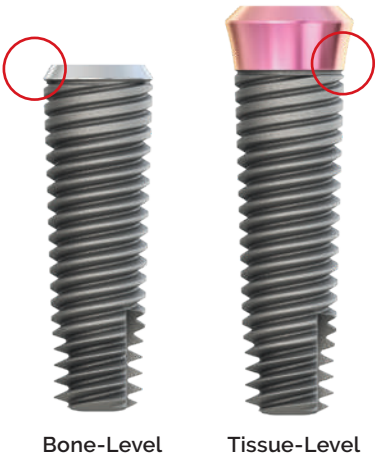
TRI® SBA Surface

For predictable osseointegration.

The TRI® SBA (sandblasted, large grit, acid-etched) surface is one of the industry gold standards for more than 20 years. It is created by blasting the implant surface under pressure with corundum particles. In the final step the surface is acid-etched twice in order to attain a medium roughness.

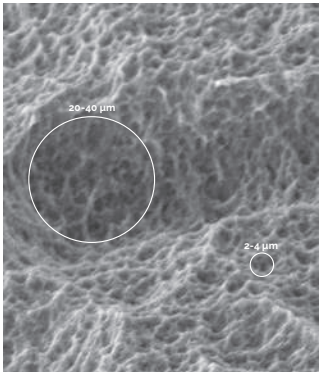
Machined implant neck

The bone level implants feature a 0,5 mm machined neck in the crestal area.



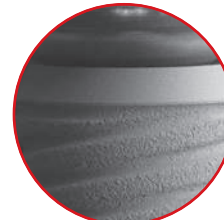
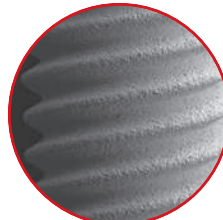
Gingiva coloured implant collar

The tissue level implant features a 1,8mm machined implant collar for optimal esthetic results in the posterior area.



Surface structure

A macrostructure of 20-40 µm and a micro structure of 2-4 µm as an ideal basis for excellent osseointegration. This structure has been proven by numerous clinical studies for this surface type.



TRI® Pod

Handling. Reinvented.

3 Options for Implant Insertion



Ratchet



Handpiece



By hand



Step 1
Open Lid



Step 2
Rotate To Remove
implant



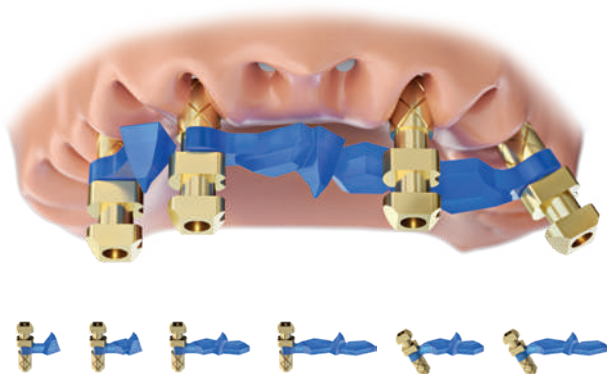
Step 3
Remove Cover Screw

TO
TOUCH IT
IS TO
LOVE IT.

The implant packaging by TRI® integrates the latest engineering knowhow and innovation. Its revolutionary touchless delivery concept allows to pick-up the implant directly with the surgical hand-piece in one single step. Whilst guaranteeing the highest purity of the TRI® SBA surface. A true design innovation which will take your surgical performance to a new level. **Touch it, and you will love it!**

Digital Apps

TRI[®] SCAN BRIDGE



THE ULTIMATE DIGITAL SCANNING EXPERIENCE

The Scanbridge Technology provides a high-precision, cost-effective solution for full-arch scanning of the edentulous patient. Its simple design and easy click mechanism allows for easy handling and scanning of both implant position and soft tissue with one scan in only 20 seconds. The Scanbridge can be printed locally, saving cost and time. It is compatible with all IO scanners and available in different lengths and angulations, making it a versatile and seamless addition to any workflow.

TRX[®] GUIDED SURGERY



EMPOWER YOUR PRECISION

TRX Guided Surgery offers a radically reduced workflow with an unmatched precision due to the sharp cutting properties of the drills. Enjoy the highest level of precision, even in challenging cases, with TRX's lateral cutting abilities and patented 2-level depth stop. With its simple and unique design, color-coding, and compatibility with major software providers, TRX is the ultimate solution for seamless and precise dental surgery.



DIRECT ON MUA

PIONEERING CEMENT-FREE FULL-ARCH SOLUTIONS

Experience the pioneering leap in Full-Arch restorations with our Direct on Multi-Unit approach. Our method eliminates the need for cement by enabling direct screw-retention onto the Multi-Unit Abutments, simplifying the process while ensuring maximum integrity and versatility. This breakthrough not only streamlines your workflow but also significantly improves treatment outcomes, providing an efficient, straightforward, and dependable solution for both dental professionals and patients.



LAB DESIGN

UNIVERSAL OPEN INTERFACE TO LEADING CAD SOFTWARES

TRI[®] Digital Solutions guarantees a universal implant open interface to leading technology partners in digital dentistry. In contrast to numerous digital locked systems, TRI[®] helps to create more transparency and eliminate all barriers to their respective treatments.

Need more information or would like to request the files?
Scan the QR Code to get instant access.



TRI+ Digital Digital workflow.

TRI Dental Implants sets new standards with TRI+ Digital as a universal implant interface to leading technology partners in digital dentistry. Linked with a lean dental implant system, TRI+ Digital offers treatment options from simple to complex without limits:

- + 3D-Planning & Guided Surgery
- + Customized CAD abutments
- + CAD/CAM Cement-retained crowns and bridges
- + CAD/CAM Screw-retained bars and bridges

TRI® Solutions Partners

dental wings

3shape

CEREC
One-visit dentistry

PLANMECA

materialise

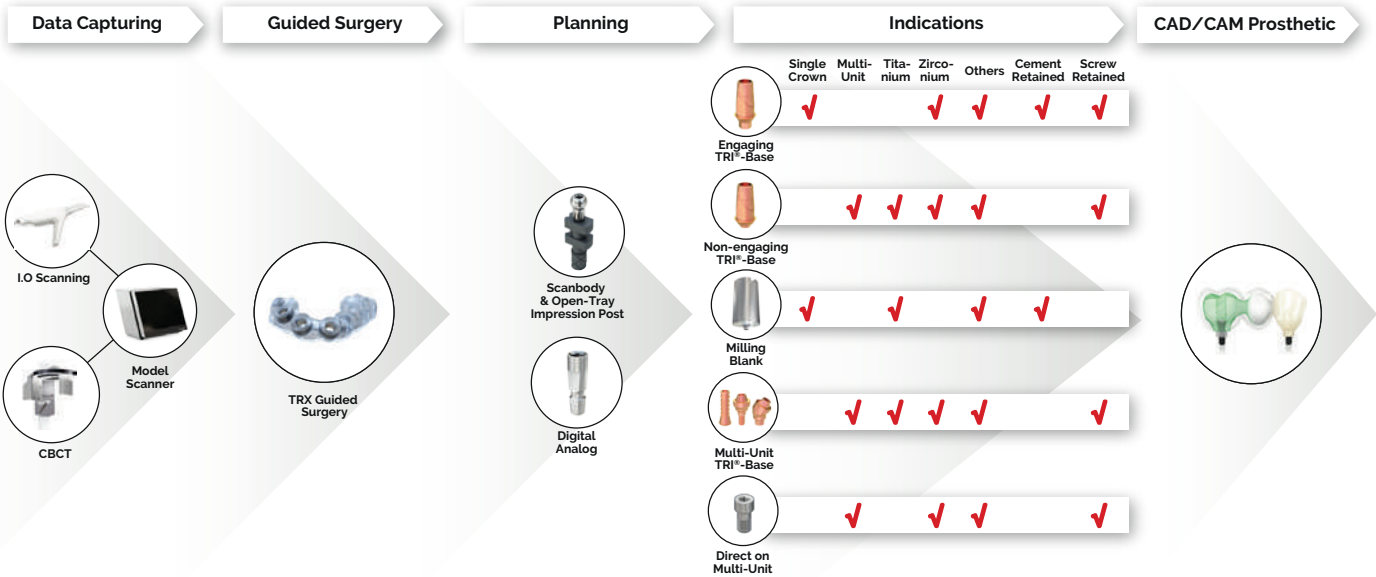
SICAT
A Dentsply Airmax Company

smop
powered by swissmeda

exocad

exoplan

Carestream
DENTAL



Digital Treatment Options

Pre-op planning Guided surgery

Customized CAD/CAM abutments

CAD/CAM screw retained bars and bridges

CAD/CAM cement retained bars and bridges

All-on-TRI® restorations

TRI® Implant Portfolio One kit for all implant lines.



The TRI® Performance Line consists of 3 implant lines. All implant lines can be placed with one lean surgical kit. Simply perfect!

TRI®-Narrow

Ideal with limited horizontal bone.

Ø 3.2 mm

3.3 mm

TRI®-Vent

The Bone-Level Implant for all indications.

Ø 3.5 mm

3.75 mm 4.1 mm 4.7 mm

TRI®-Octa

The Tissue-Level Implant for esthetic results in the posterior region.

Ø 4.8 mm

3.75 mm 4.1 mm 4.7 mm

Diameters & Lengths

	Ø 3.3 mm	Ø 3.75 mm	Ø 4.1 mm	Ø 4.7 mm
L 6.5 mm				
L 8 mm				
L 10 mm				
L 11.5 mm	(L 11 mm)			
L 13 mm				
L 16 mm				



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2024-05-TRI®-Performance-Line-Overview-EN-01

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