

Quality from Switzerland
01.01.2014

Through Research Innovative

www.tri-implants.com

## TRI Dental Implants: An example of the highest standards of quality

#### We deliver quality

- We supply quality. From patent to patient
- Modern production
- Compliance with the relevant ISO, MDD, QC and CGMP standards
- High standards for labeling, packaging, shipping and traceability in compliance with all relevant directives and EN ISO quality standards

- Training
- Post-marketing-monitoring
- Tracking system
- Regular audit of compliance with the legal and statutory provisions











### **Our Quality Promise from Switzerland!**

Your Partner at your Door

Well-known Scientific Partners Consistent SWISS Precision



Strict Quality Management



Leading Surface Technology

Audited Technology Partners





# Your Team on-site Well known study partner Strictest quality management

### **Consistent Swiss Precision**

### 25 years experience in the manufacturing of dental products for global market leader in the industry

Exterior



Manufacturing



Inspection



Sally port



**Quality Control** 



Sterile Packaging

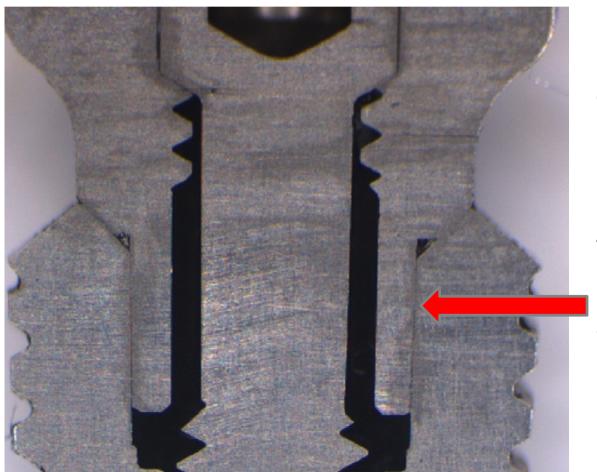






### **Finest Precision Mechanics**

The TRI-Friction prosthetic connection is established with an accuracy of 6-thousandth of a millimeter



**TRI FRICTION** technologically is a unique prosthetic connection in TRI Performance Concept

The tolerance of 0.006mm help to ensure the smooth and highly precise prosthetic fit with long-term security



### **The TRI Implant Internal Connection**





Precision mechanics on highest level:
For us only conceivable with premium quality from Switzerland







Surface Technology TRI® SBA in cooperation with our Swiss technology partner Cendres+Metaux



## **SBA Success Rate Osseointegration**



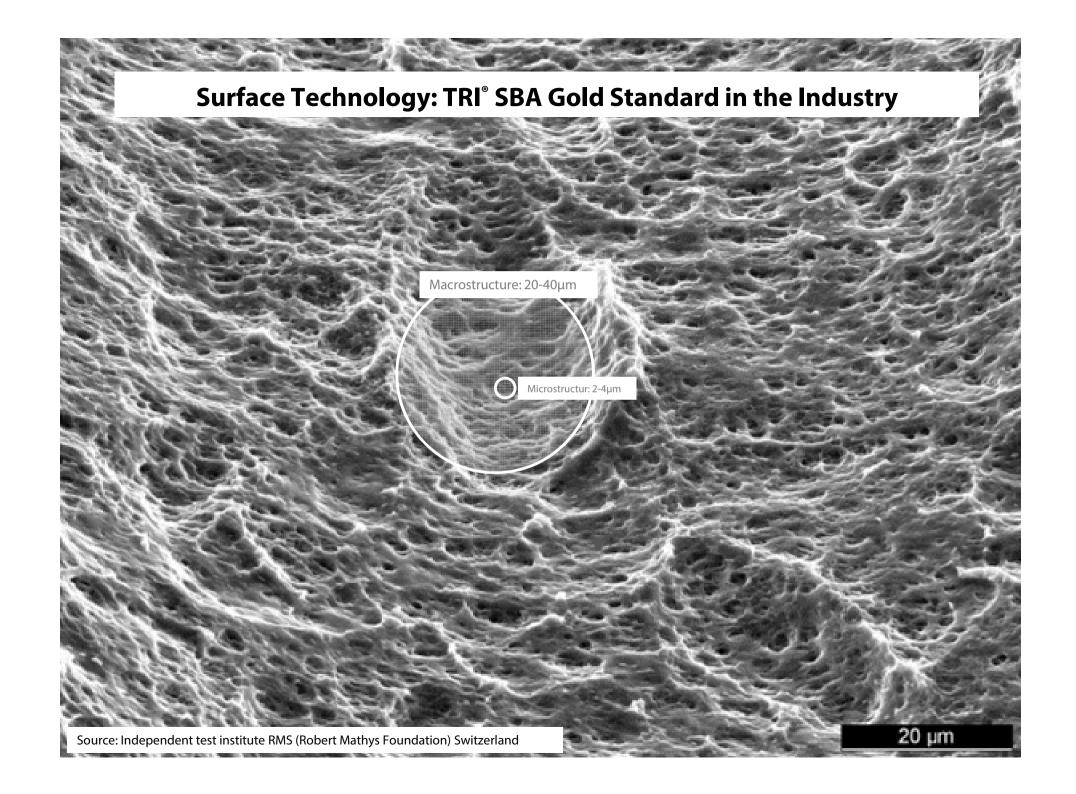
for dental implants

 Surface production with the leading producers C + M in Switzerland. Production capacity of> 1,000,000 implants / year



 The TRI SBA surface has a success rate of 99.2% since its introduction in January 1.
 2013. (Source: Implant Success rate of SBA surface. Last 01.01.2014)

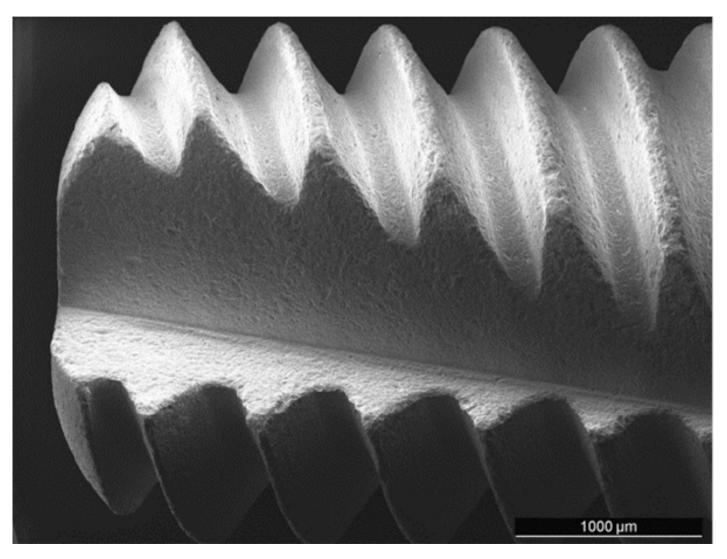




### **Precise Thread Structure**

### The TRI® SBA surface view of the implant thread







### **Audited Technology Partners**

Your Team on-site

Well known study partner

Consistent Swiss precision

Precision

Best surface technology

Tested technology partner

Strictest quality management

### The TRI technology is continuously checked with the following developed







EMPA: Swiss Federal Institute of Materials Testing, Research partner for scanning electron microscopy (Switzerland)



BioService: Laboratory partner for Zytotoxie tests (Germany)



BBF: Laboratory partner for sterilisationvalidation (Germany)



SynergyHealth: Lab partner for bioburden testing (Switzerland)



### **Strict Quality Management**

TRI lives an active quality management system according to ISO standards 13485 and 9001









### TRI works with leading Clinicians worldwide - Selected Testimonials



"TRI Dental Implants combines science and clinical versatility with a very reasonable price. It has an excellent product line that not only makes it easy for hard tissue to integrate but also promotes soft tissue development with simple prosthetic solution. The company is aimed at providing quality products and excellent customer service which are important for practitioners as well as the patients that we care for."

Hom-Lay Wang, DDS, MSD, Ph D (Michigan, USA)



"An implant design concept that respects the highest hard and soft tissue parameters, as well as strict requirements for primary and secondary stability. All based on practical experience linked with the latest implant research."

Marius Steigmann, DDS (Neckarsgmünd, Germany) Steigmann Institut



"The primary stability and self-adjustment of TRI Dental Implants is very reliable. The combination of an active 6 mm Implant with high primary stability performs very convincingly when used in the vertically atrophied bone."

Wolf-Ullrich Mehmke, DDS (Chemnitz, Germany) www.zahnarzt-dr-mehmke.de



"The TRI drills are excellent."

Dr. Torsten Kamm (Baden-Baden)



"The soft tissue concept of the TRI® Dental Implant System supports excellent soft tissue development without pushing the facial gingival mucosa apically!"

Sergio Spinato, DDS (Modena, Italy)





### **Reference studies: TRI Dental Implants**

- Clin Oral Investig. 2010 Aug;14(4):411-6. Epub 2009 Jun 20.
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- Int J Oral Maxillofac Implants. 2009 May-Jun;24(3):455-62.:
- Biomechanical effects of a maxillary implant in the augmented sinus: a three-dimensional finite element analysis. <u>Huang HL</u>, <u>Fuh LJ</u>, <u>Ko CC</u>, <u>Hsu JT</u>, <u>Chen CC</u> Clin Oral Implants Res. 2002 Dec;13(6):657-65.
- Three-dimensional finite element analysis of implant stability in the atrophic posterior maxilla: a mathematical study of the sinus floor augmentation. <a href="Tepper G">Tepper G</a>, <a href="Haas R">Haas R</a>, <a href="Zechner W">Zechner W</a>, <a href="Krach W">Krach W</a>, <a href="Watzek G">Watzek G</a>.

  J Oral Implantol. 2009;35(3):130-5.
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- Clinical methodologies for achieving primary dental implant stability: the effects of alveolar bone density. <u>Cavallaro J Jr</u>, <u>Greenstein B</u>, <u>Greenstein G</u>.
  - Clin Oral Implants Res. 2006 Oct;17 Suppl 2:124-35.
- Bone density and primary stability in implant therapy. Molly L. Clin Oral Implants Res. 2010 Nov 19. doi: 10.1111/j.1600-0501.2010.02036.x. [Epub ahead of print]
- Primary stability, insertion torque and bone density of cylindric implant ad modum Branemark: Is there a relationship? An in vitro study. <u>Trisi P</u>, <u>De Benedittis S</u>, <u>Perfetti G</u>, <u>Berardi D</u>.
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- Ao J, Li T, Liu Y, Ding Y, Wu G, Hu K, Kong L.
- Clin Oral Implants Res 1996;7(3):240-252.
  - Evaluation of an endosseous titanium implant with a sandblasted and acid-etched surface in the canine mandible: radiographic results. Cochran DL, Nummikoski PV, Higginbottom FL, Hermann JS, Makins SR, Buser D.
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  - Bone response to unloaded and loaded titanium implants with a sandblasted and acid-etched surface: a histometric study in the canine mandible. Cochran DL, Schenk RK, Lussi A, Higginbottom FL, Buser D.
- J Biomed Mater Res 1999;45(2):75–83. Interface shear strength of titanium implants with a sandblasted and acid-etched surface: a biomechanical study in the maxilla of miniature pigs. Buser D, Nydegger T, Hirt HP, Cochran DL, Nolte NP.

### **Your Team at Your Door-Step**

# Your Team on-site Well known study partner Strictest quality management

### TRI is represented in more than 20 countries worldwide

#### **Direct Markets:**

- Germany
- Italy
- France
- Hungary
- United Kingdom

#### Distributor Markets:

- Australia
- China
- Columbia
- Egypt
- Greece
- Hong Kong
- Iraq
- Iran
- Lebanon
- Morocco
- Netherlands
- Portugal
- Romania
- Russia
- Saudi Arabia
- Serbia
- Taiwan
- Turkey
- UAE (Emirates)





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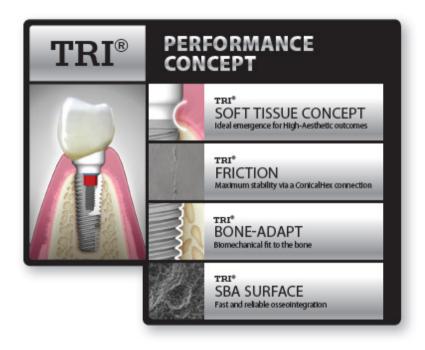
Audited Technology Partners





### **Commitment to excellence - at an unbeatable price!**

Premium Swiss Quality means experience, innovation and commitment to precision



- Soft Tissue Concept: For the highest standards and results in AESTHETICS
- **TRI Friction:** For maximum **SECURITY** connection between the implant and crown
- **TRI Bone-Adapt:** For optimal **STABILITY** of the implant in the bone
- TRI SBA Surface: For RELIABILITY in the healing of the implant
- **Fair Value:** 50% cheaper than a comparable premium implant with the same range of services!

