

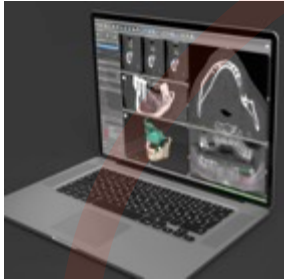
**TRI** ACADEMY

**TRI**   
dental implants

**TRI+**

Version 2

**Through Research Innovative**  
[www.tri-implants.com](http://www.tri-implants.com)



3D pre-op planning



Guided surgery



Customized CAD abutments

# TRI+

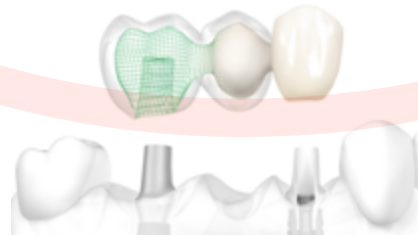
Powered by  
**smop** **CEREC** **dental wings** **3shape** **exocad**



All-on-TRI restorations



CADCAM Screw retained bars and bridges



CADCAM cement retained crowns and bridges

# TRI+

Flyer



## 'PLUG & PLAY' IMPLANT DENTISTRY



Made in Switzerland



# TRI+

Universal interface  
with leading digital  
technologies

TRI Dental Implants sets new standards with TRI+ as a universal implant interface with leading technology partners in digital dentistry. Linked with a lean dental implant system, TRI+ 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

Through Research Innovative  
[www.tri-implants.com](http://www.tri-implants.com)

## TRI+ DIGITAL TREATMENT OPTIONS



Pre-op planning  
Guided surgery

**New**

TPDS (Drill Sleeve  
for pilot drill)



Customized  
CAD/CAM  
abutments

**New**

TV70  
(Titan-Klebebasis)



CAD/CAM  
screw retained  
bars and  
bridges



CAD/CAM  
cement  
retained bars  
and bridges



All-on-TRI  
restorations

**New**

TV-50  
(30° angulated  
abutment)

|  |   |   |   |   |   |
|--|---|---|---|---|---|
|  | ✓ |   |   |   |   |
|  | ✓ |   |   |   |   |
|  | ✓ |   |   |   |   |
|  |   | ✓ |   | ✓ |   |
|  |   | ✓ | ✓ | ✓ | ✓ |
|  |   | ✓ | ✓ | ✓ | ✓ |
|  | ✓ | ✓ | ✓ | ✓ | ✓ |

Start your digital journey today: [www.tri-implants.com](http://www.tri-implants.com)

Through Research Innovative  
[www.tri-implants.com](http://www.tri-implants.com)

# TRI+

## Guided Surgery

### Guided Pilot Drilling for TRI®-Vent, TRI®- Narrow and TRI®-Octa Implants



- TRI offers the possibility of guided pilot drilling with or without depth-control!
- With depth-control it is possible for the lengths: 8,10, 11.5 & 13mm!

What is additionally required:

- Compatible Planning Software
- TRI® Guide Sleeve for template & TRI® Pilot Drill TPD2.3-L
- Currently the following software programs can be used:
  - Dental Wings coDiagnostiX      TRI Vent & Narrow deposited
  - SICAT (Sirona)                      TRI Vent & Narrow deposited
  - Swissmeda SMOP                      TRI Vent & Narrow deposited
  - Materialise Simplant -                Integration pending (with generic implants possible)



# TRI+

## Guided Surgery

### Example: Database



Manufacturers and model names

Filtered (29)

- TRI Dental Implants Int. AG
  - TRI Narrow 3.3mm B-Line (3)
  - TRI Narrow 3.3mm M-Line (5)
  - TRI Vent 3.75mm B-Line (5)
  - TRI Vent 3.75mm M-Line (5)
  - TRI Vent 4.1mm B-Line (5)**
  - TRI Vent 4.1mm M-Line (5)
  - TRI Vent 4.7mm B-Line (6)
  - TRI Vent 4.7mm M-Line (6)
- Zimmer Dental

TRI Dental Implants Int. AG » TRI Vent 4.1mm B-Line (5)

TRI Dental Implants Int. AG » TRI Vent 4.1mm B-Line

|   |  |  |  |  |
|---|--|--|--|--|
| <p>Length: 8 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm B-Line<br/>Total length: 8 mm<br/>Insertion depth: 8 mm<br/>Article no.: TV42B08</p> | <p>Length: 10 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm B-Line<br/>Total length: 10 mm<br/>Insertion depth: 10 mm<br/>Article no.: TV42B10</p> | <p>Length: 11.5 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm B-Line<br/>Total length: 11.5 mm<br/>Insertion depth: 11.5 mm<br/>Article no.: TV42B11</p> | <p>Length: 13 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm B-Line<br/>Total length: 13 mm<br/>Insertion depth: 13 mm<br/>Article no.: TV42B13</p> | <p>Length: 16 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm B-Line<br/>Total length: 16 mm<br/>Insertion depth: 16 mm<br/>Article no.: TV42B16</p> |
|---|--|--|--|--|

TRI Dental Implants Int. AG » TRI Vent 4.1mm M-Line

|   |   |  |  |  |
|---|---|--|--|--|
| <p>Length: 8 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm M-Line<br/>Total length: 8 mm<br/>Insertion depth: 7.5 mm<br/>Article no.: TV42M08</p> | <p>Length: 10 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm M-Line<br/>Total length: 10 mm<br/>Insertion depth: 9.5 mm<br/>Article no.: TV42M10</p> | <p>Length: 11.5 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm M-Line<br/>Total length: 11.5 mm<br/>Insertion depth: 11 mm<br/>Article no.: TV42M11</p> | <p>Length: 13 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm M-Line<br/>Total length: 13 mm<br/>Insertion depth: 12.5 mm<br/>Article no.: TV42M13</p> | <p>Length: 16 mm<br/>at: 4.1 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.1mm M-Line<br/>Total length: 16 mm<br/>Insertion depth: 15.5 mm<br/>Article no.: TV42M16</p> |
|---|---|--|--|--|

TRI Dental Implants Int. AG » TRI Vent 4.7mm B-Line

|   |   |  |  |  |
|---|---|--|--|--|
| <p>Length: 6.5 mm<br/>at: 4.7 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.7mm B-Line<br/>Total length: 6.5 mm<br/>Insertion depth: 6.5 mm<br/>Article no.: TV47B06</p> | <p>Length: 8 mm<br/>at: 4.7 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.7mm B-Line<br/>Total length: 8 mm<br/>Insertion depth: 8 mm<br/>Article no.: TV47B08</p> | <p>Length: 10 mm<br/>at: 4.7 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.7mm B-Line<br/>Total length: 10 mm<br/>Insertion depth: 10 mm<br/>Article no.: TV47B10</p> | <p>Length: 11.5 mm<br/>at: 4.7 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.7mm B-Line<br/>Total length: 11.5 mm<br/>Insertion depth: 11.5 mm<br/>Article no.: TV47B11</p> | <p>Length: 13 mm<br/>at: 4.7 mm</p> <p>TRI Dental Implants In...<br/>TRI Vent 4.7mm B-Line<br/>Total length: 13 mm<br/>Insertion depth: 13 mm<br/>Article no.: TV47B13</p> |
|---|---|--|--|--|

Advanced filter (active)

Manufacturer: TRI Dental Implants Int. AG

Filter by length (from/to): 5.00 mm - 52.50 mm

Filter by diameter (from/to): 2.00 mm - 7.00 mm

Show favorites only

Show outdated implants

User-defined implants: Show all implants

Tooth position: Abutments (0)

40 47 46 45 44 43 42 41 31 32 33 34 35 36 37 38 Undefined

# TRI+

## Guided Surgery

### Guided Pilot Drilling for TRI®-Vent, TRI®- Narrow and TRI®-Octa Implants

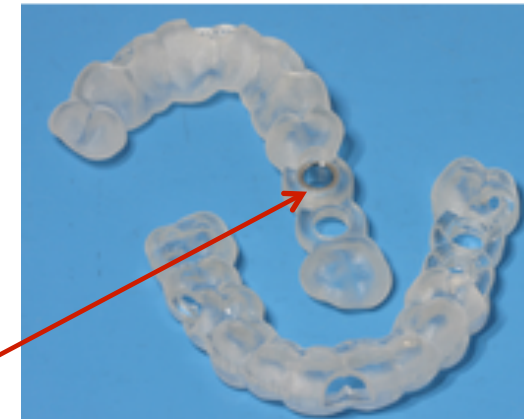
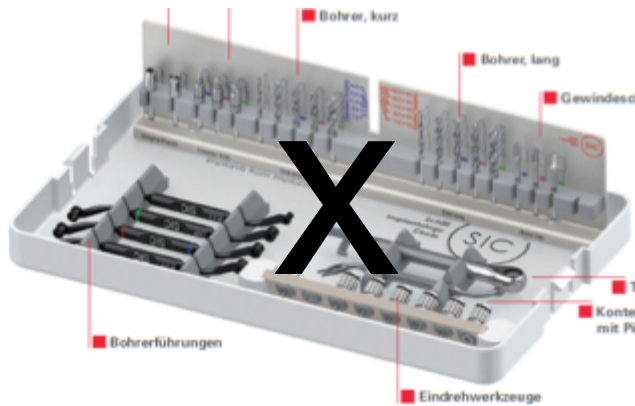


- Only for pilot drilling!

A surgical guide (template) can be used together with the long TRI® Pilot Drill TPD2.3-L.



- No need for additional elongated drills or drill guide holder!
- No large investment for additional instruments needed!



- Necessary in addition is only the TRI Pilot Drill Sleeve (TPDS) for the template.



# TRI+

## Guided Surgery

### Guided Pilot Drilling for TRI®-Vent, TRI®- Narrow and TRI®-Octa Implants



- Only for pilot drilling!

Surgical Guide (template) can be used with the long TRI® Pilot Drill TPD2.3-L.

Template with standard drill sleeves - for pilot drilling  
Template with standard drill sleeves - for guided pilot drilling with depth stop

- Still in the testing phase  
For just one drilling with depth stop (milling)!

Surgical Guide (template) with long TRI Rocket Drill (trepan drill)

Drilling template with the appropriate drill sleeves for the final hole of the soft bone protocol.



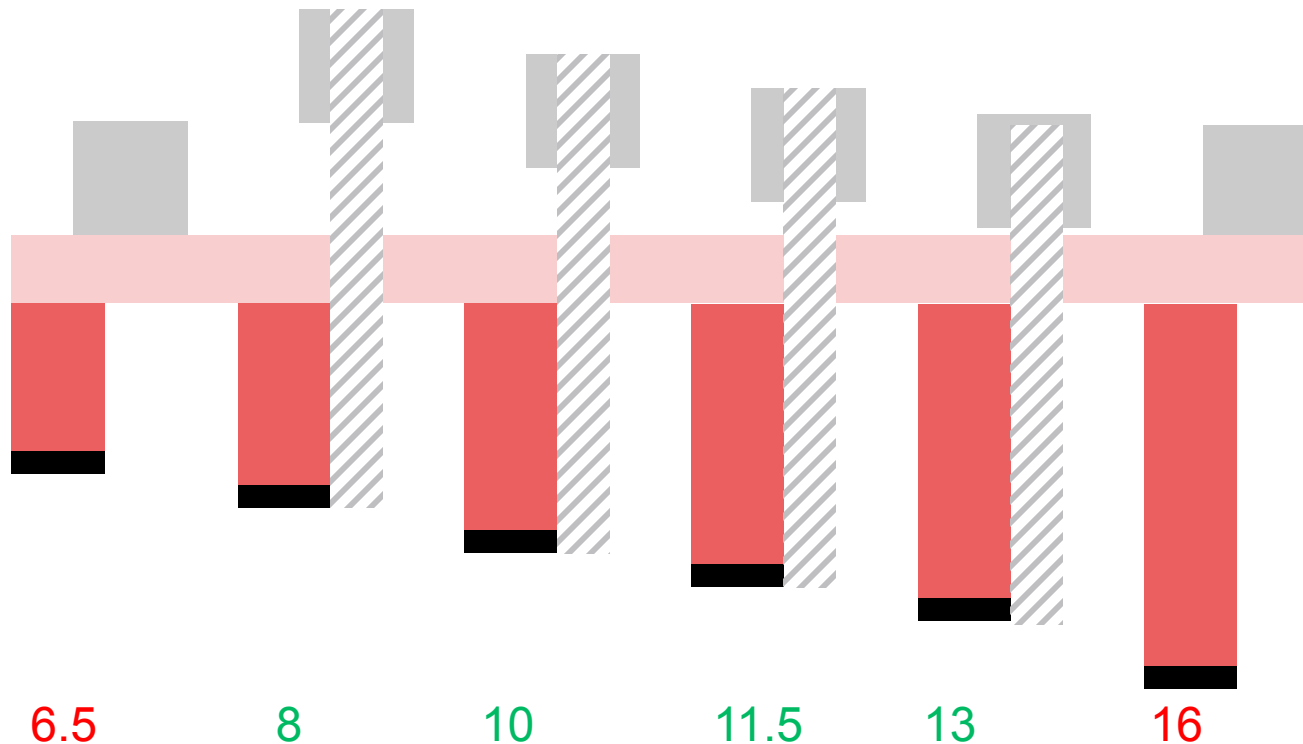


# TRI+

## Guided Surgery

### Pilot drilling with depth-stop

- with long standard pilot drill: TPD2.3-L
- additional drill stop sleeve
- possible for the lengths of 8, 10, 11.5, 13mm
- short pilot drill (TPD2.3-S) can be used if no adequate occlusal space is available (posterior region)



# TRI+

## Guided Surgery

### Production the templates

- Manufacture the template by 3D printing



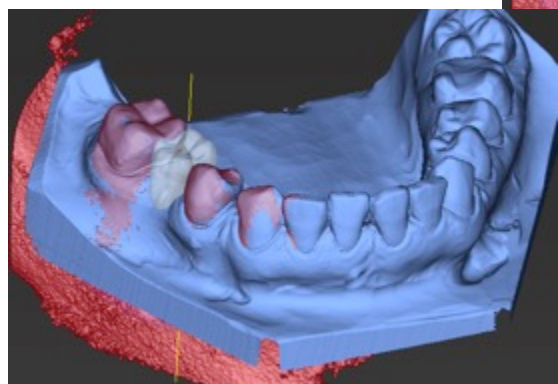
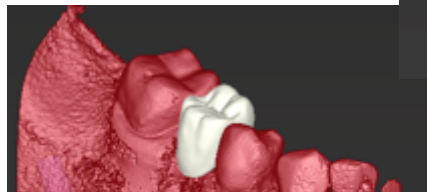
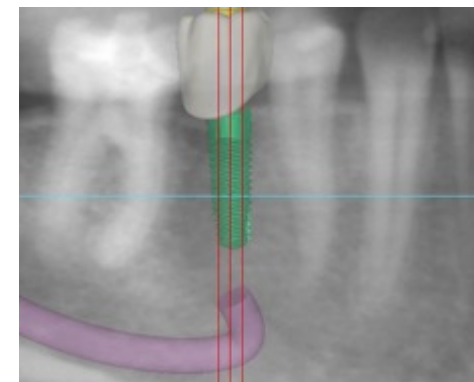
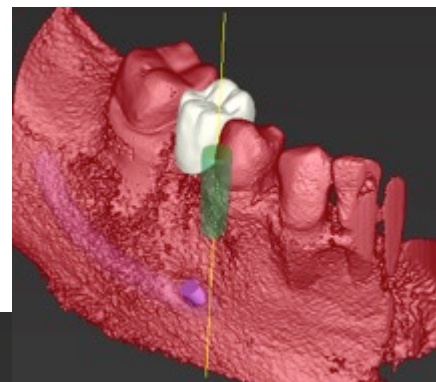
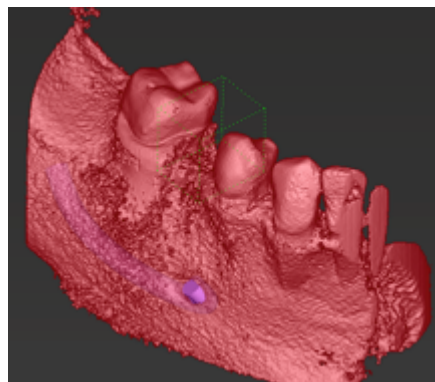
- Sleeves can be pressed by finger force in the template after production
- Products name: TPDS sleeve for TPD2.3-L



# TRI+

## Guided Surgery

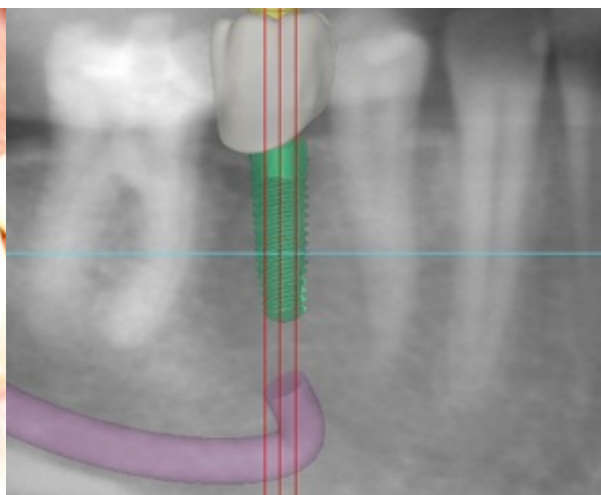
### Case by Dr. Mehmke/Germany - coDiagnostix DW



# TRI+

## Guided Surgery

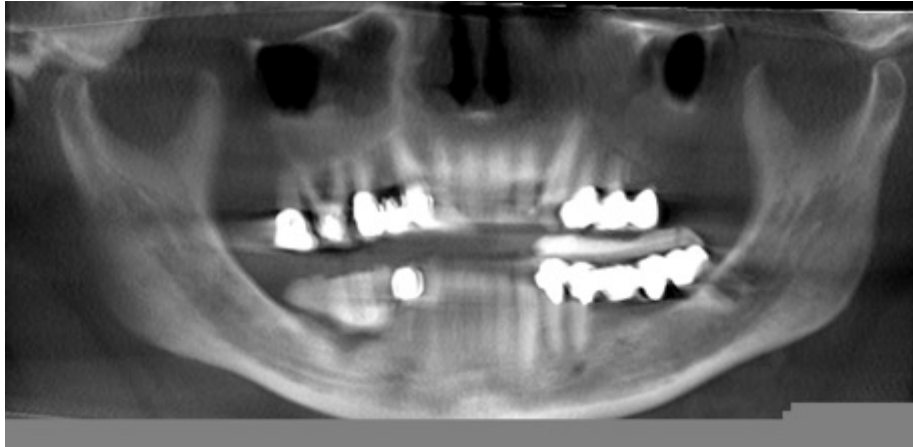
### Case by Dr. Mehmke/Germany - coDiagnostix DW



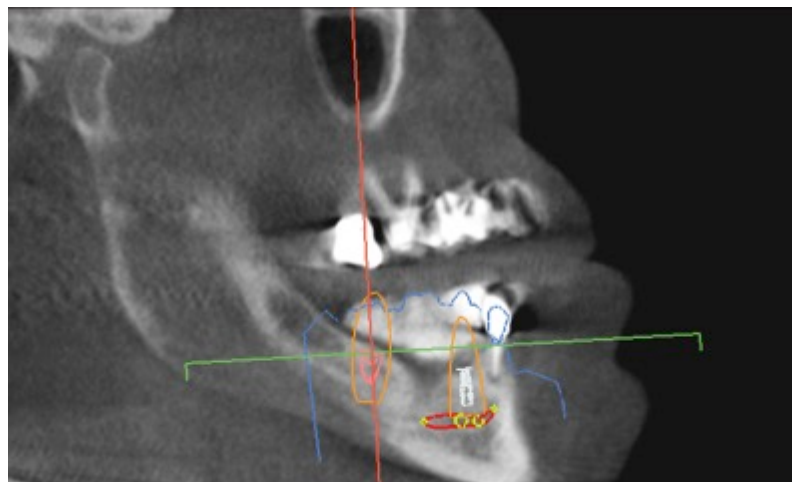
# TRI+

Case by Dr. Biegert/Germany - smop

Software System: smop – Swissmeda/Switzerland



<http://www.mysmop.com/en>



# TRI+

## Case by Dr. Biegert/Germany

### What is: smop – powerde by Swissmeda/Switzerland

The SMOP planning community was created to let dentists and dental technicians plan implant cases using DVT or CT data to produce precise drilling templates to help with implantation. All this, without requiring to make expensive investments or going through complex training.

- no scanning template
- no great investment into the software

|   |  |
|---|--|
|  Planning software                             |  <b>Free of charge</b>                          |
|  Year of membership <sup>1</sup>               | <b>from 400,-EUR / year to 800,-EUR / year</b> <small><sup>1</sup>(depends on your country of origin)</small>                    |
|  Diagnosis and planning                        |  <b>Included</b>                                |
|  Server costs (storage up to 4 GB) and sharing |  <b>Included</b>                                |
|  Software - Updates                          |  <b>Included</b>                              |
|  Export to create template                   | <b>50-150 € per case planning</b><br><small>(The first export costs 150, each additional € 1 less to a base amount 50 €)</small> |

**4** Simple steps  
to successful implant planning with high-precision drilling templates

# TRI+

## Case by Dr. Biegert/Germany

### Software System: smop – Swissmeda/Switzerland



#### Step 1

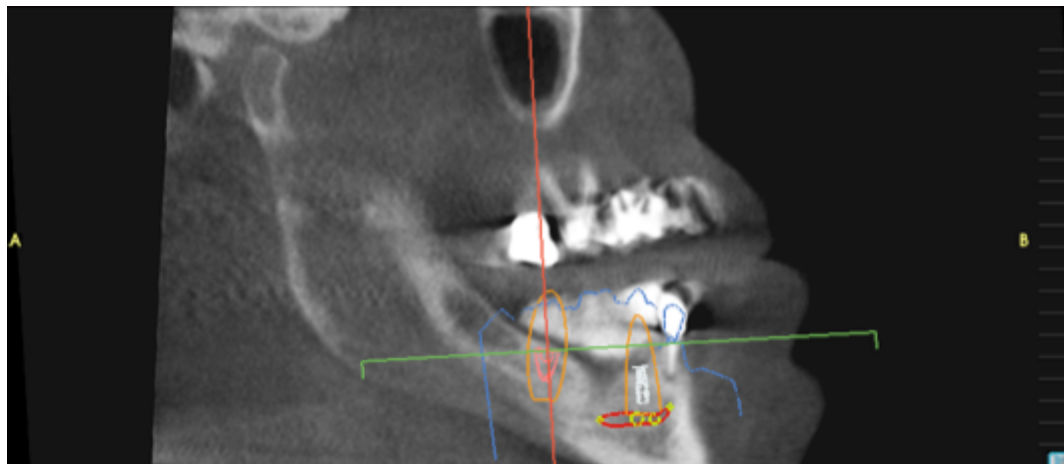
Perform Cone Beam  
Scan and open DICOM



SMOP allows dentists and dental technicians to plan implant cases based on Cone Beam or CT data and to obtain precise drilling templates for the use during implant insertion:

Without significant investments and with an easy learning curve:

- no preparation (no scanning template) needed before Cone-Beam / CT Scan
- data can be transferred with one click
- smop can directly be used as a viewer



# TRI+

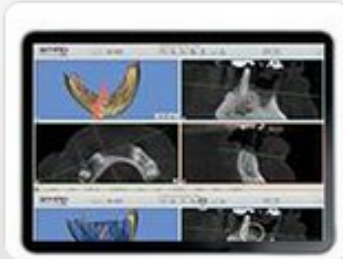
## Case by Dr. Biegert/Germany

### Software System: smop – Swissmeda/Switzerland



### Step 2

Prepare the data and plan the implants



SMOP allows you to determine the optimal implant position, taking the existing bone as well as the planned prosthetical position into account.

- intuitive planning software, learning by doing easy exchange of your planning data via the Internet with colleagues, the dental lab or other service providers
- open interfaces to CAD/CAM
- short processing times





# TRI+

Case by Dr. Biegert/Germany

Software System: smop – Swissmeda/Switzerland



Laboratory scanning of the blaster model (STL-file).



Laboratory scanning of the blaster model with wax-up (STL-file).

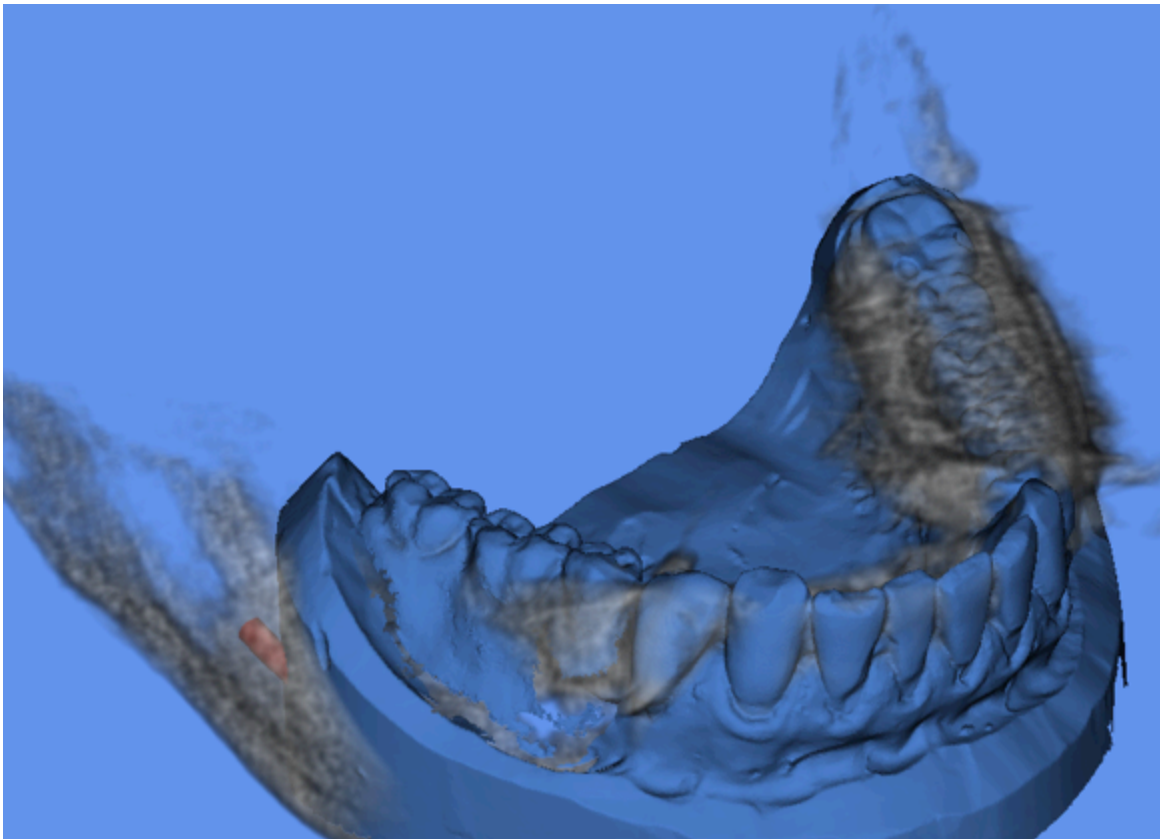
# TRI+

Case by Dr. Biegert/Germany

Software System: smop – Swissmeda/Switzerland

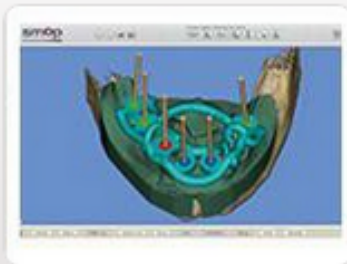


Assemblage the bone situation with the prosthetical information



### Step 3

Design and print the surgical template



After the treatment strategy is clear and all implants are planned, the dentist can order the drilling template by clicking on an order button.

Swissmeda, a local service center or the dentist himself can now use a special software that allows to design the drilling templates based on the individual needs, following the individual treatment strategy.

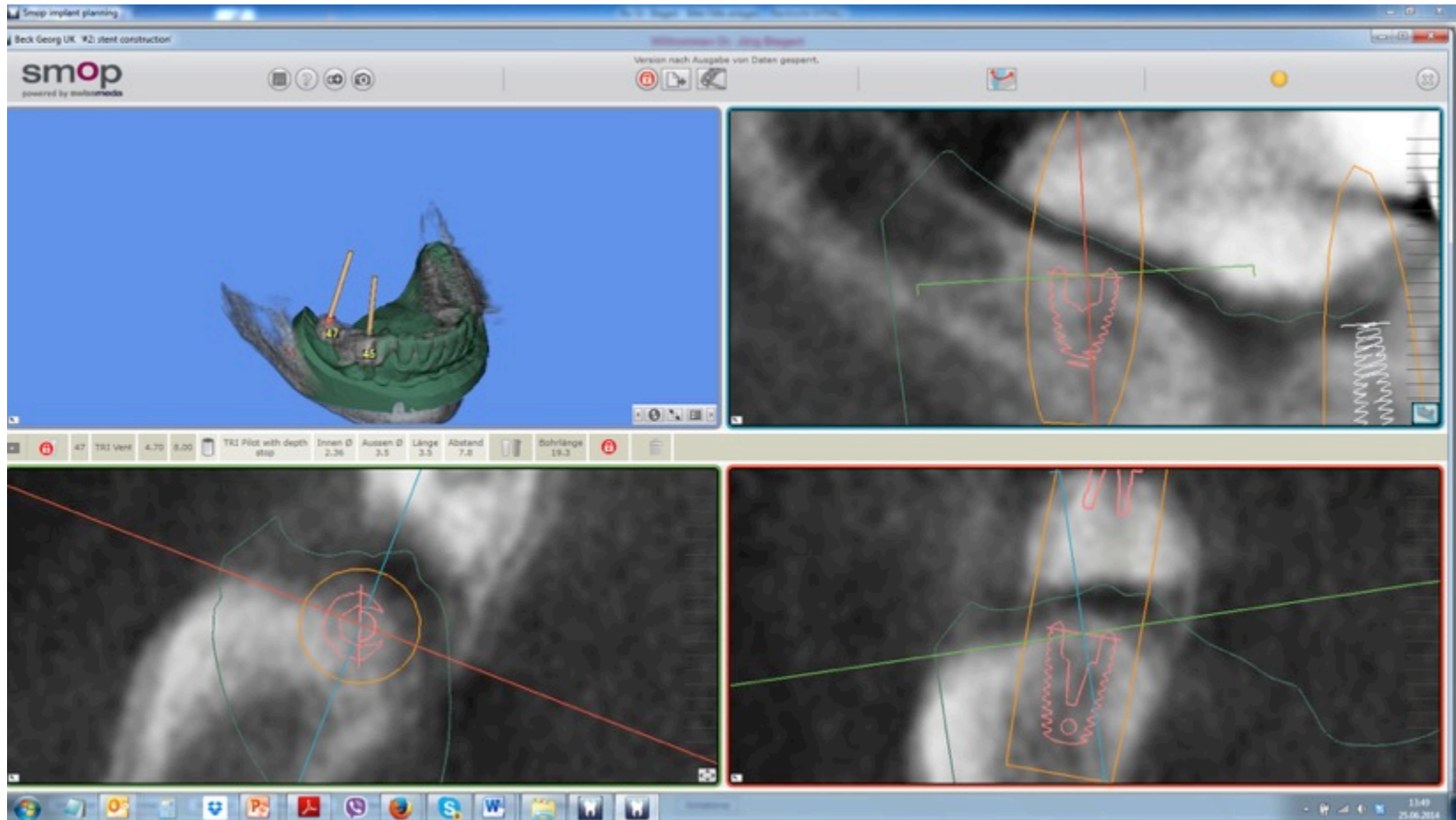
After this digital template is validated by the dentist via the software, the surgical stent will be printed by a 3D printing center of your choice.

- the drilling template can be designed digitally
- a new 3D printing process to manufacture the drilling templates is used
- short processing times

# TRI+

## Case by Dr. Biegert/Germany

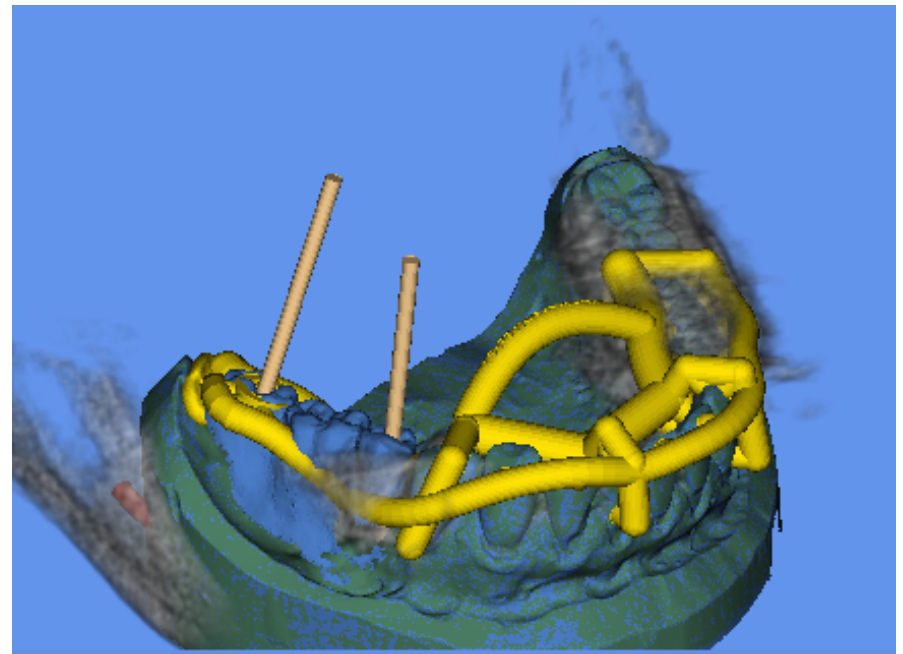
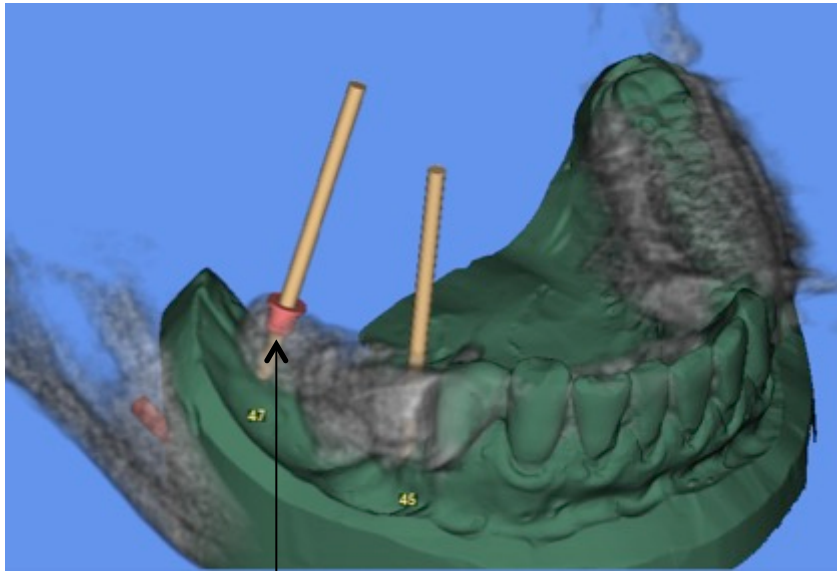
### Software System: smop – Swissmeda/Switzerland



# TRI+

Case by Dr. Biegert/Germany

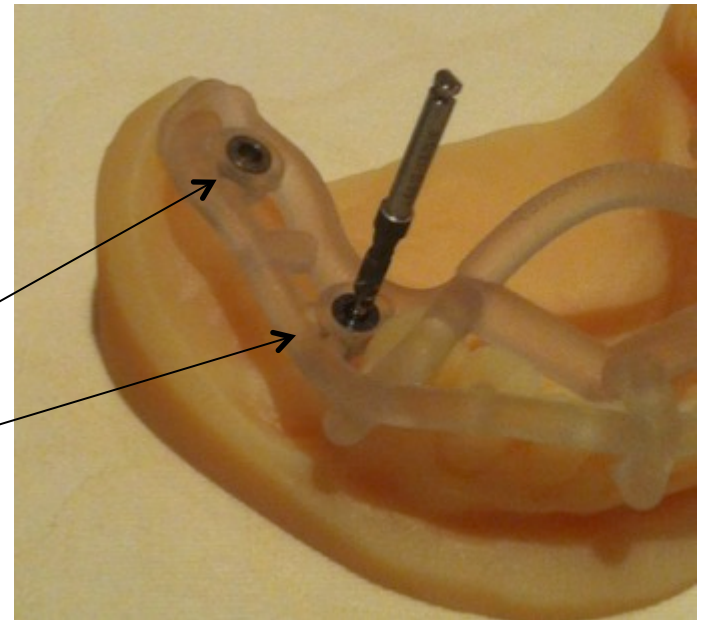
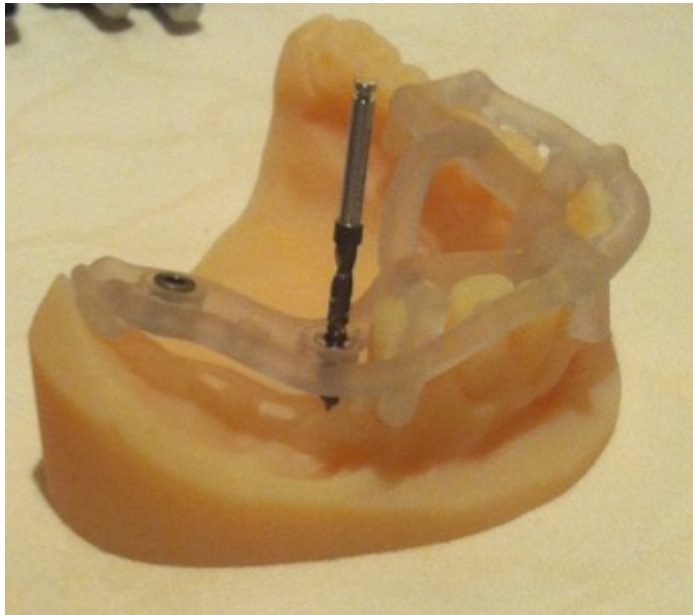
Software System: smop – Swissmeda/Switzerland



# TRI+

Case by Dr. Biegert/Germany

Software System: smop – Swissmeda/Switzerland



#### Step 4

Surgery - using the template



Through the new special design the printed templates fit very well to the stone models and teeth. The light construction results in a good overview for the surgeon. Furthermore the templates do not disturb cooling procedures. In some cases it can make sense to prepare a provisional restoration using the template beforehand.

- the template fits very well and precise, gives good overview and allows cooling
- it is individually adapted on your needs, and adapted to your treatment strategy
- it is open - all available guided kits of all implant systems can be used



# TRI+

## Development Project

### TRI Rocket Drill – Fastest Implant Placement

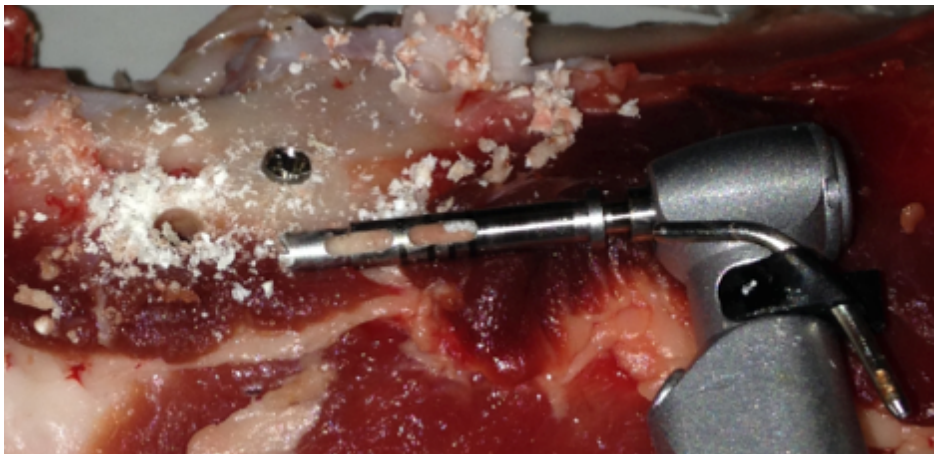


#### Description

- Stepped trephine drill in combination with surgical template allows for one-step surgical protocol
- Trephine drill allows for collection of bone and usage as mucosa punch for minimally invasive surgery

#### Timelines

- Clinical testing until end Q4/2014
- Launch: beginning Q1/ 2015



#### **3D Printed Guide**

- Only one drill with depth stop

#### **Hollow Trephine Drill**

- First drilling is the final implant bed.
- Collect maximum amount of bone.

#### **Reverse for mucosa punch**



# TRI+

## Development Project

### TRI Rocket Drill – Fastest Implant Placement



|  |   |  |  |  |  |
|--|---|--|--|--|--|
| <b>coDiagnostiX™</b><br>Version 9.5<br>Licensed to: 100000834<br>Sandro,   |   | <b>Patient data</b><br>Name: Popoia;Daniela;;;<br>Date of birth:<br>Patient ID: 2226 |  |  |  |
| <b>Implant details</b> <span style="float: right;">FDI notation (World Dental Federation)</span>                                   |   |  |  |  |  |
| <b>Plan:</b><br><b>Position:</b>   | Copy of Mandible<br><b>36</b>               |  |  |  |  |
| <b>Sleeve</b><br>TRI dental implants<br>Pilot Sleeve<br>Article number:<br>Sleeve length:<br>Diameter (inner):                     | M.27.21.D235<br>3.5 mm<br>3.50 mm (2.36 mm) |  |  |  |  |
| <b>Implant</b><br>TRI Dental Implants Int. AG<br>TRI Vent 4.7mm M-Line<br>Article number:<br>Length:<br>Diameter 1:<br>Diameter 2: | TV47M08<br>8.0 mm<br>4.7 mm<br>0.0 mm       |  |  |  |  |
| <b>Surgical protocol</b><br>Depth control:<br>Distance to top of implant<br>Complete length:                                       | Yes<br>8.3 mm<br>19.3 mm                    |  |  |  |  |
|  |   |  |  |  |  |
|  |   |  |  |  |  |
|  |   |  |  |  |  |

Case by Dr. Marius Steigmann

# TRI+

## CAD CAM - Products

- What is CAD CAM?

CAD - Computer Aided Design!

- CAM - Computer Aided Milling

- What is needed?

Scanner (laboratory or intra-oral scanner)

Design Software

Milling Machine

- What needs to provide TRI:

Compatibility to Designsoftware

Scan Abutment (Body) for precise detection of the interface

Suitable Abutments

STL-Files for these products & implant replica

# TRI+

## CAD CAM - Products

### Titanium Bonding Base



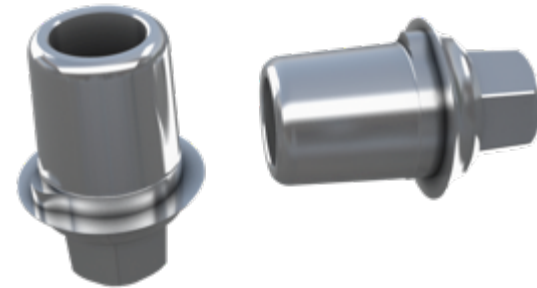
- Titanium bonding base for TRI-Vent:  
available in two gingiva heights:

#### **TV70-07-F**

Titanium bonding base, 0.7 mm gingiva,  
including RS-TV10

#### **TV70-20-F**

Titanium bonding base, 2mm  
gingiva, including RS-TV10



The TRI® titanium bonding bases are intermediate parts which have to the implant side the TRI®-Vent implants interface and abutment towards a standardized connector.



TV70-07-F in STL-format

# TRI+

## CAD CAM - Products

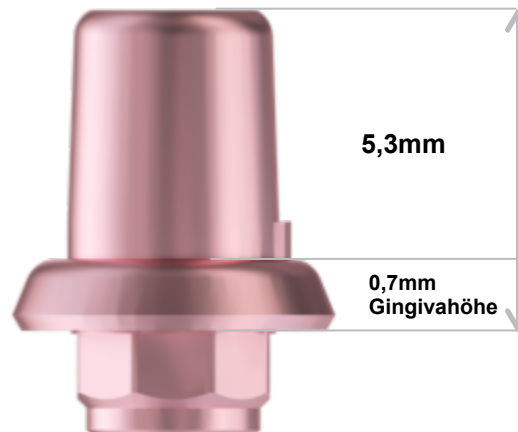
### Titanium Bonding Base

The TRI® titanium bonding base for TRI-Octa implants is available with a gingiva height of 0,7mm.

For all TRI titanium bonding bases stl-files available for:



TRI®



TO70-07

exocad

3shape

dental wings

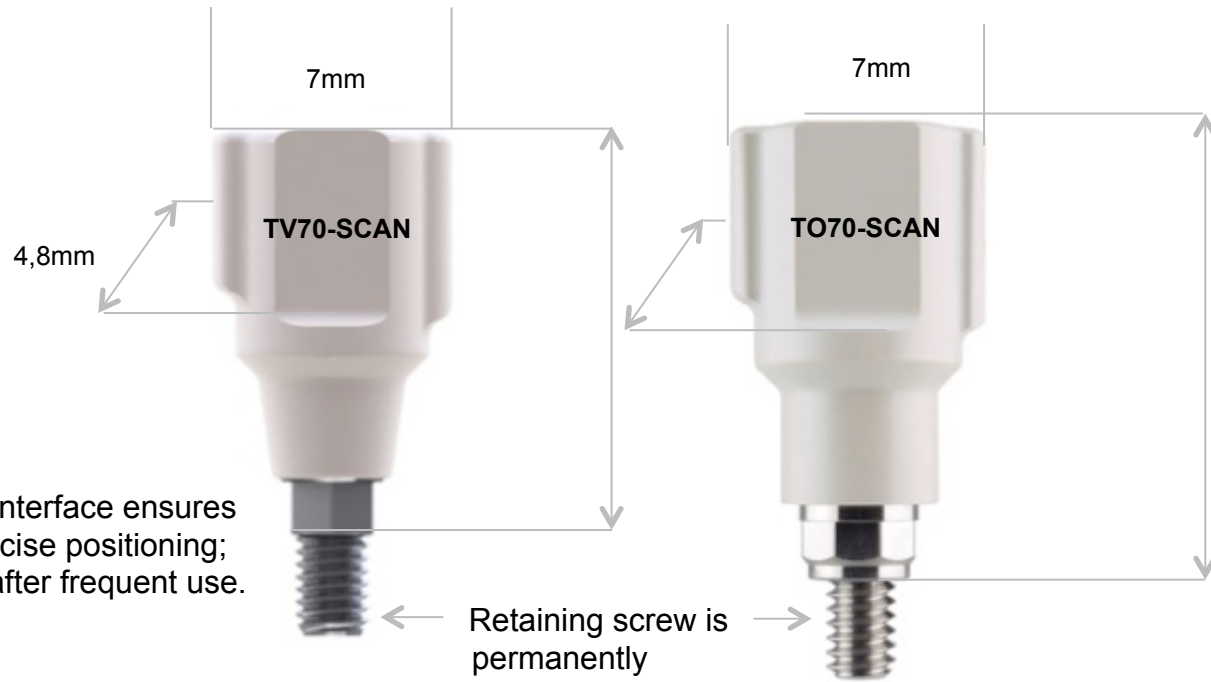
# TRI+

## CAD CAM - Products

### Scanbody

#### TV70 - SCAN TO70 - SCAN

Scanbody 3D Guide made out of PEEK with titanium interface & integrated holding screw. Scanbody is for laboratory and intraoral scanner suitable.



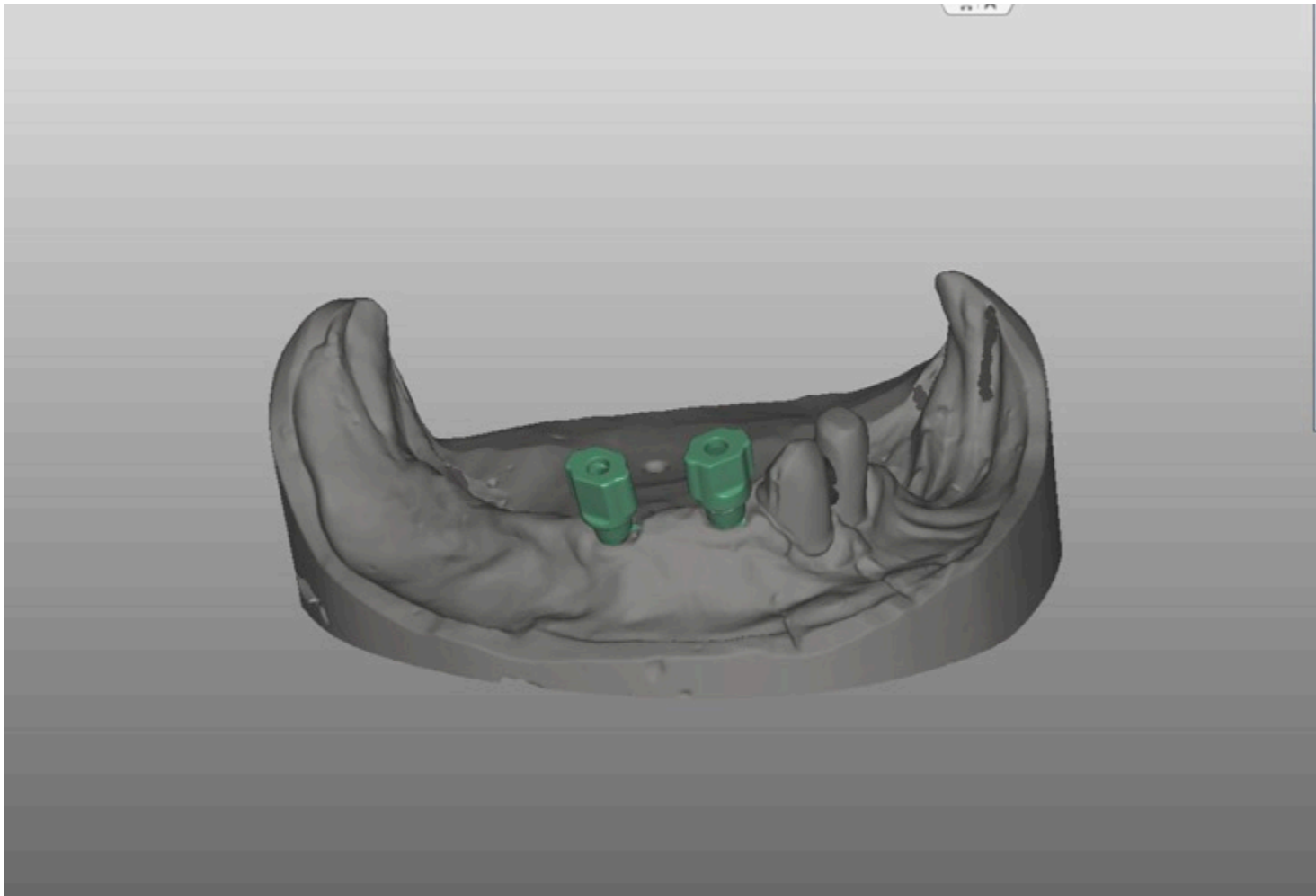
Titan-Interface ensures an precise positioning; even after frequent use.

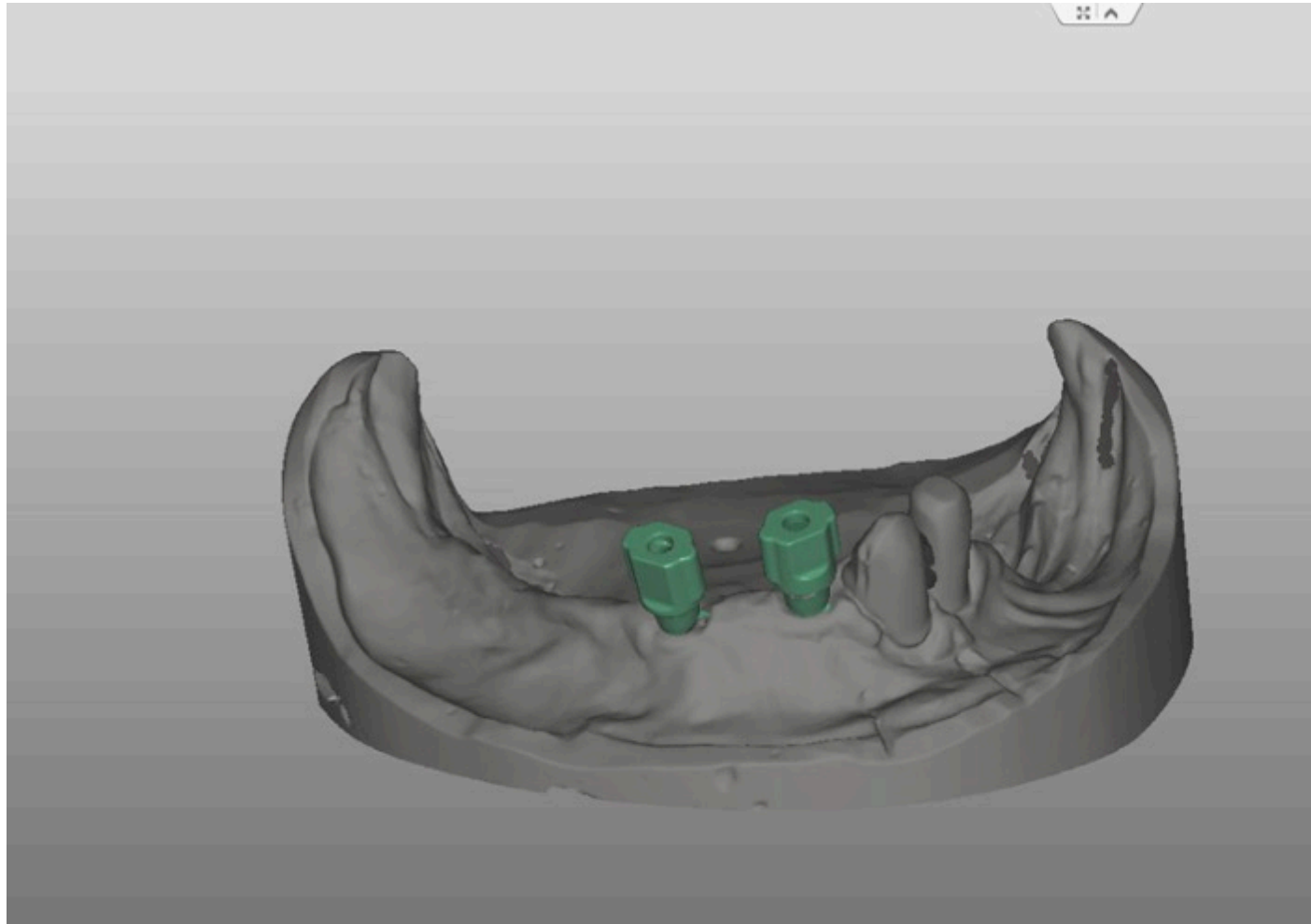
Retaining screw is permanently installed in the scan body and therefore protected against loss.

11,8mm



TV70-SCAN in STL-format



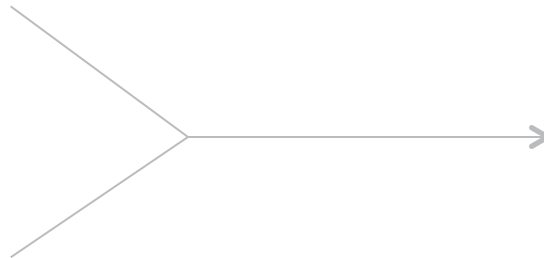


# TRI+

## CAD CAM - Products

### Copatible Desing Software

The STL records of TRI CAD CAM products are compaibel with the design of the software companies:



- scanned data is transmitted to the CAD station.

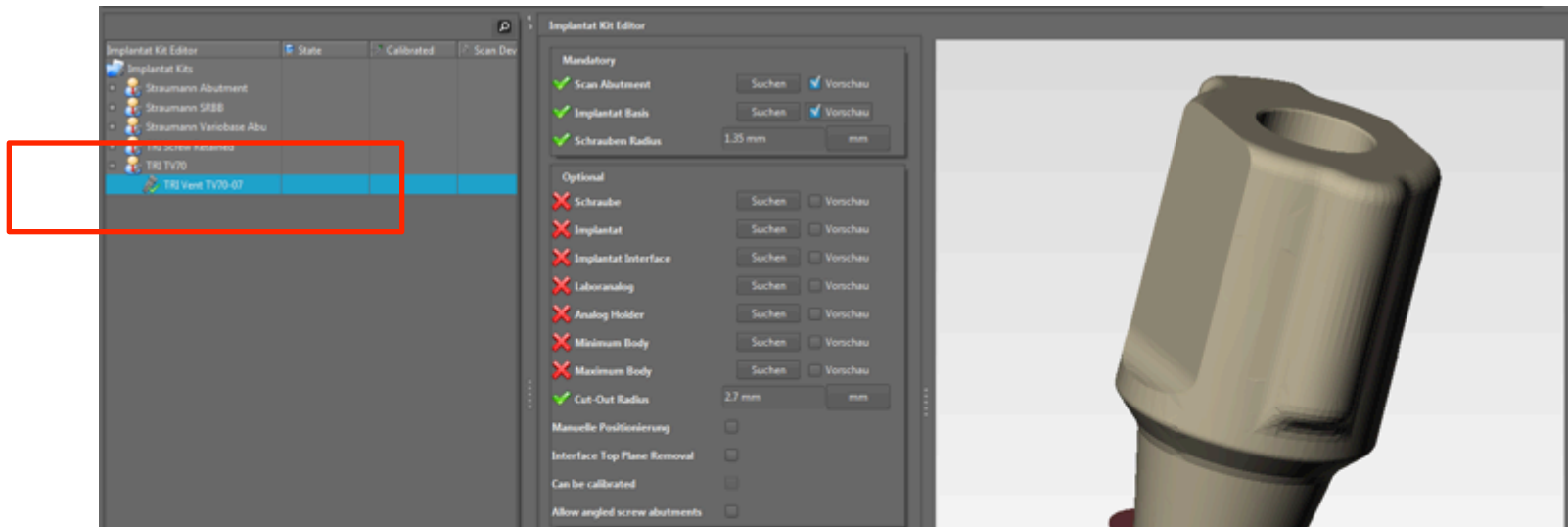
- digital coping design abutment.



# TRI+

## CAD CAM - Products

### Example: Dental Wings Database



### Components for TRI® CADCAM Solution

CADCAM ABUTMENT – INCLUDES SCREW RS-TV10

| Catalog Number |   | Ø      | GH     | Material  | Qty |
|----------------|---|--------|--------|-----------|-----|
| TV70-07-F      | Titanium Bonding-Base with TRI®-Friction      | 4.5 mm | 0.7 mm | Ti-6Al-4V | 1   |
| TV70-20-F      | Titanium Bonding-Base with TRI®-Friction      | 4.5 mm | 2 mm   | Ti-6Al-4V | 1   |
| TV70-SCAN      | Scanbody for Laboratory and Intraoral Scanner |        |        | PEEK      | 1   |
| RS-TV10        | Replacement Retaining Screw                   |        |        | Ti-6Al-4V | 1   |
| RS-TV10-Lab    | Replacement Retaining Screw – Lab Use – Green |        |        | Ti-6Al-4V | 1   |

### Components for Screw-Retained Restorations

SCREW-RETAINED, MULTI UNIT ABUTMENT, STRAIGHT

| Catalog Number |   | Ø      | Cuff Height | Material  | Qty | Sterile |
|----------------|---|--------|-------------|-----------|-----|---------|
| TV40-01        | Screw-Retained Abutment, Straight                 | 4.5 mm | 1 mm        | Ti-6Al-4V | 1   | ☑       |
| TV40-02        | Screw-Retained Abutment, Straight                 | 4.5 mm | 2 mm        | Ti-6Al-4V | 1   | ☑       |
| TV40-04        | Screw-Retained Abutment, Straight                 | 4.5 mm | 4 mm        | Ti-6Al-4V | 1   | ☑       |
| TV40-06        | Screw-Retained Abutment, Straight                 | 4.5 mm | 6 mm        | Ti-6Al-4V | 1   | ☑       |
| HC-SRAS        | Healing Cap for Screw-Retained Abutment, Straight |        |             | Ti-6Al-4V | 1   | ☑       |



TV70-07-F



TV40-02

# TRI+

## CAD CAM - Products Compatible Design Software



Body Scan: digitally recorded!

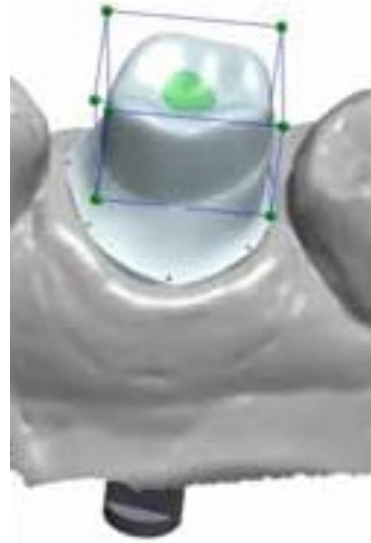
CAD software defined by these data,  
the exact position of the implant  
platform & axis.

# TRI+

## CAD CAM - Products Compatible Design Software



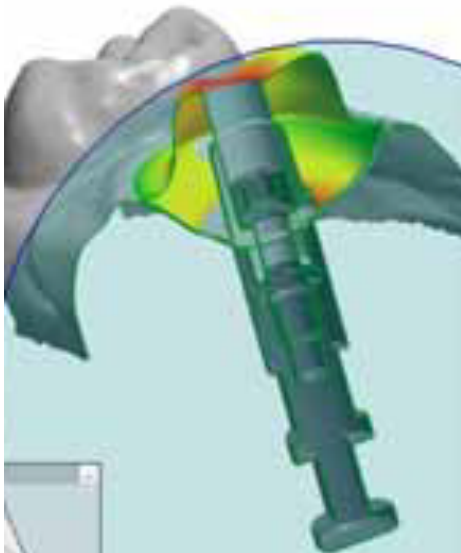
CAD software places the titanium bonding base for a two-piece abutment, according to the defined implant platform.



Virtual model of the individual abutments, according to the gingiva with a defined screw channel.

# TRI+

## CAD CAM - Products Compatible Design Software

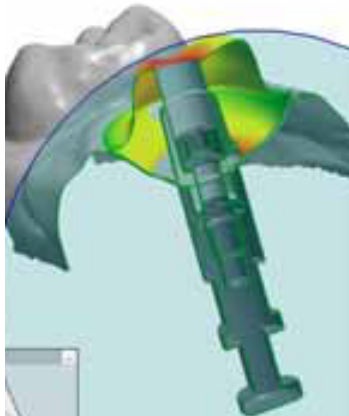


**Digital Design of individual coping, in cross-section!**

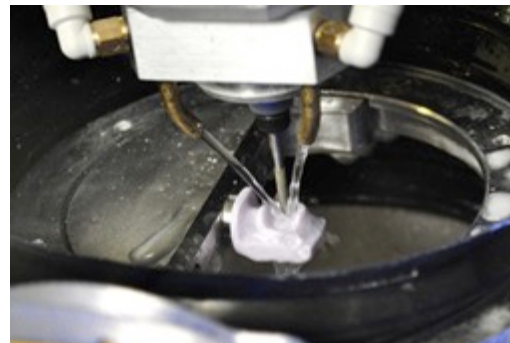
**TRI+**

**CAD CAM - Products  
Milling Procedure**

**TRI+ CAD CAM - Products**



Scan data is transmitted to CAM-station



Milling of individual coping.

**TRI+**

**CAD CAM - Products  
Customized Abutment**



**Milled Individual Coping**

**&**



**Titanium Bonding Base**

**TRI+**

**CAD CAM - Products  
Customized Abutment**

**Applying a suitable  
attachment-adhesive &  
then joining both components  
to a two-part customized abutment.**

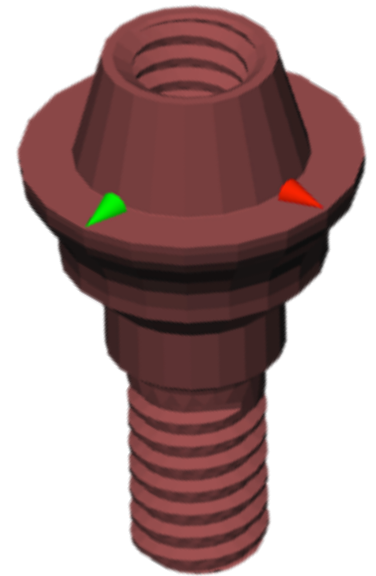
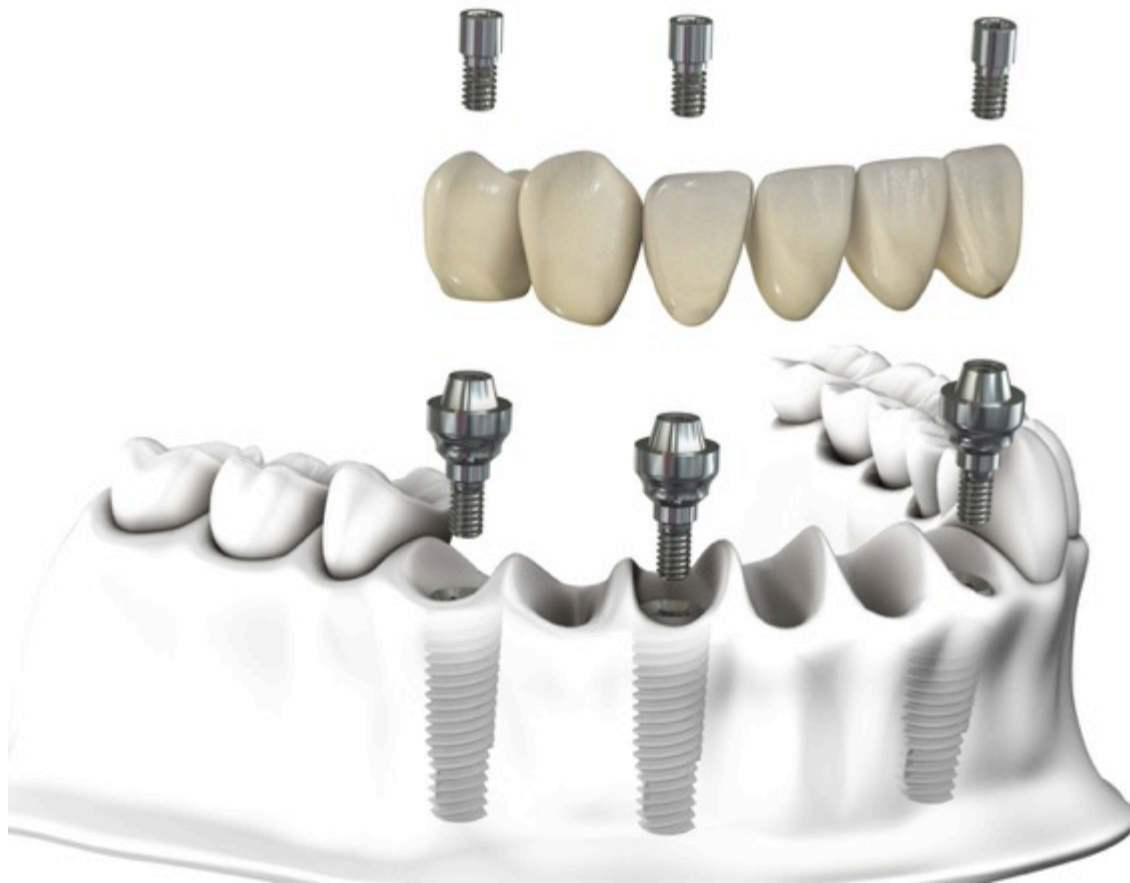


**TRI+**

**CAD CAM - Products**

**Screw Retained Bridge on TV40**

**TRI**  
dental implants



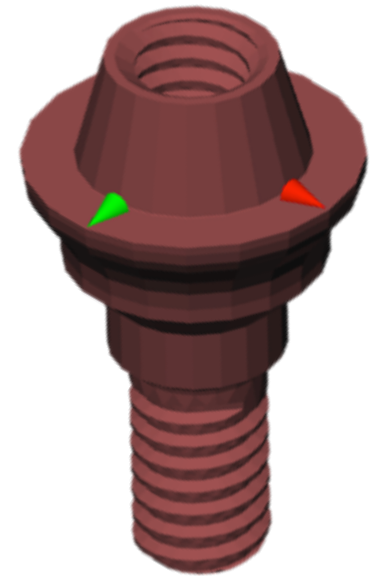
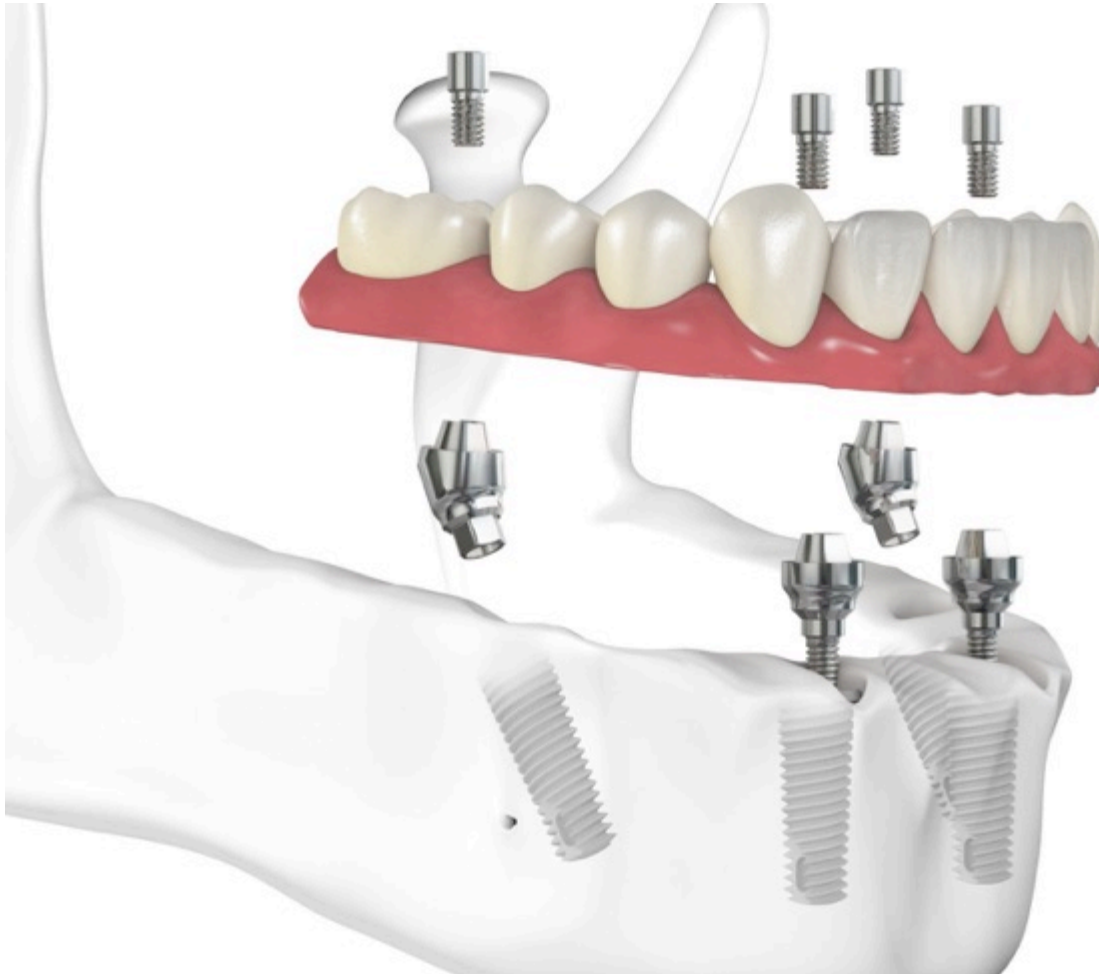
TV40-01 in STL-format



**TRI+**

**CAD CAM - Products**

**Milled Bar on TV40 (straight) & TV50 (angled)**



TV40-01 in STL-Format

# TRI+ CAD CAM - Products Advantages



TV50-30



TV50-17

## + 'All-on-TRI' treatment protocol

Immediate stability with a proven protocol in minimum bone volume.

## + One size fits all

All existing impression posts, temporary and final components !

## + Superior Design Features

Including the proven TRI® Friction and TRI® Soft Tissue Concept.

## + Supported by TRI+

Plan, place and restore your "All-on-TRI" case via the TRI+ interface with your preferred digital technology.



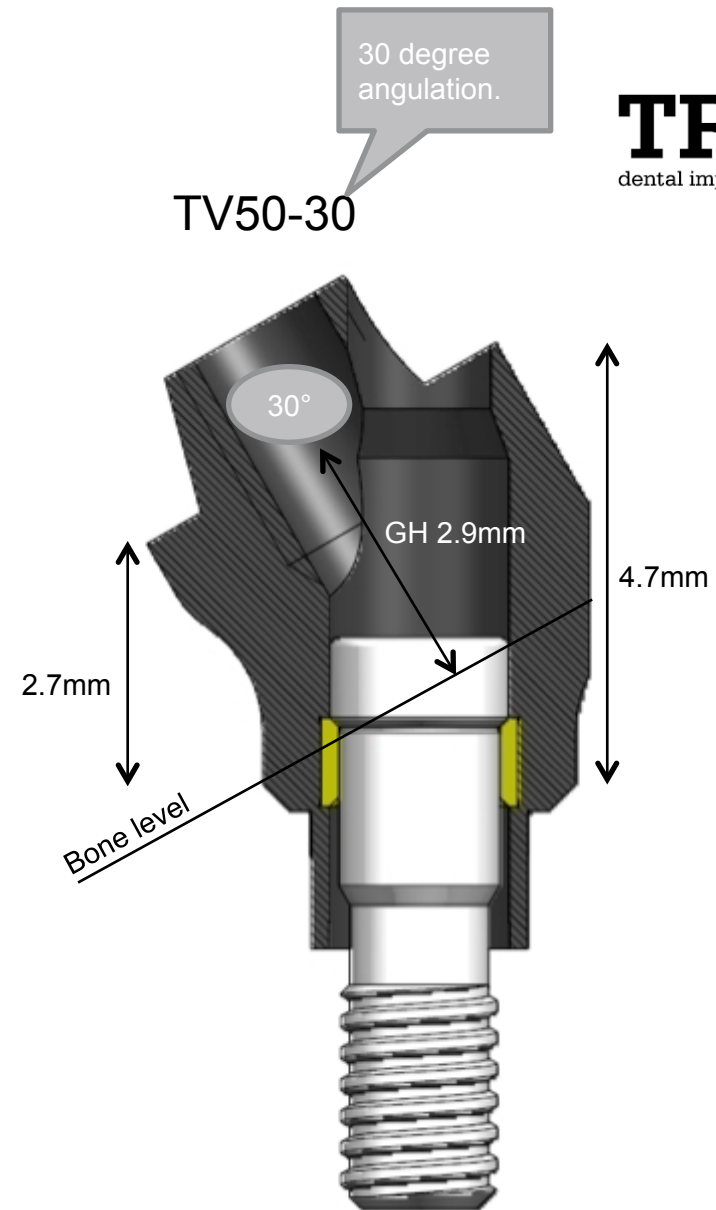
Full compatibility with TV40 components.

# TRI+

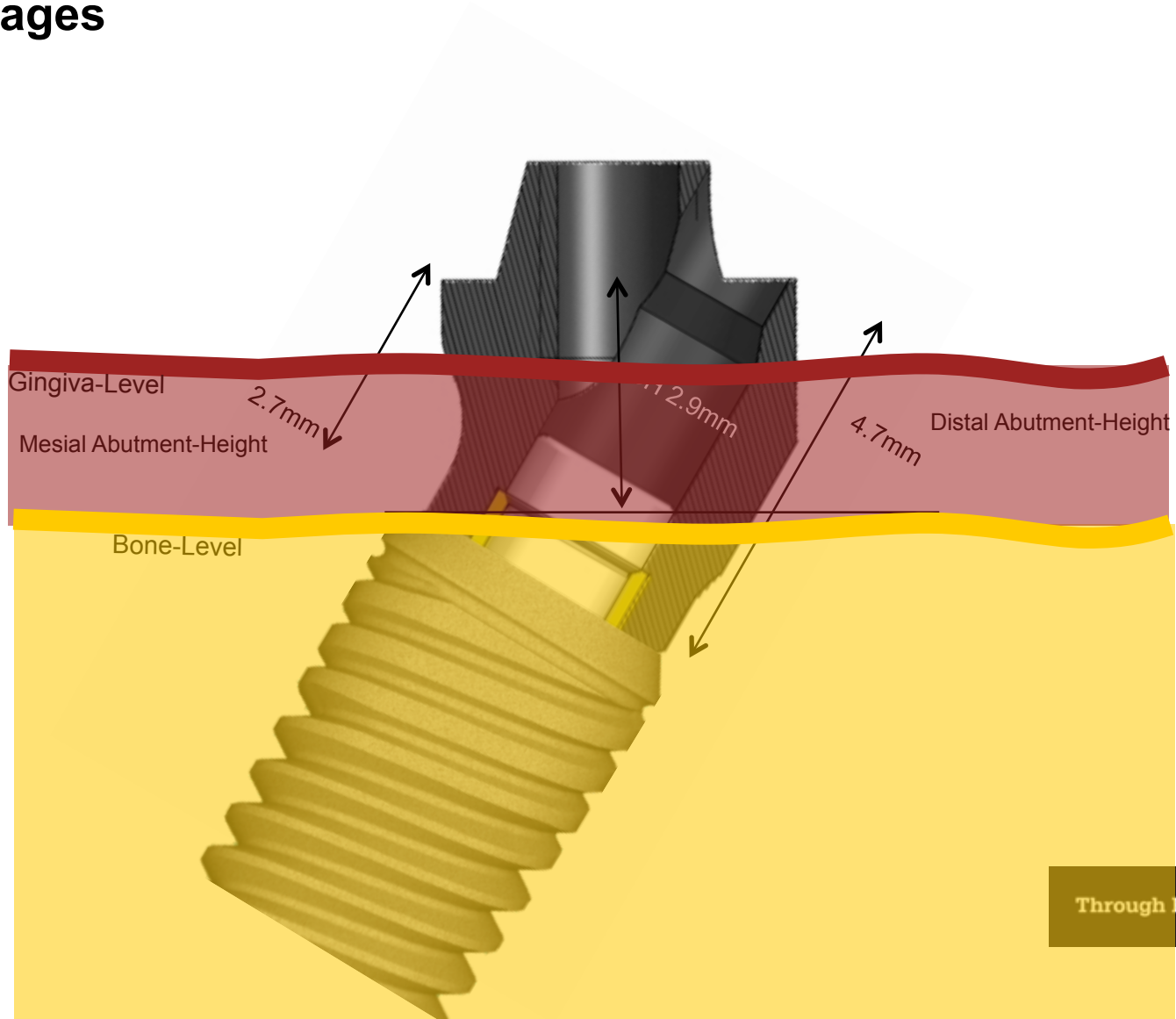
## CAD CAM - Products

### Advantages

- The dimensions of the abutment are optimized in a way that it fits for anatomical conditions of all patients.
- This offers **MAXIMUM SIMPLICITY** by adding only one single component to the portfolio and therefore making the life of the practitioner easier.
- Compared to the straight screw-retained abutments, the height of the TV50-30 corresponds to a gingiva height (GH) of 2.9 mm.



# TRI+ CAD CAM - Products Advantages



# TRI+

## CAD CAM - Products

### Helpful Insertion Part TV50-30 & TV50-17



DTC-SRA  
Direct Transfer  
Component  
Incl. DTRS-SRA



DTRS-SRA



Titanium  
Temporary Coping  
incl. Retaining Screw



RS-TTA

Retaining Screw - long  
for Titanium Abutment

Both screws are suitable as  
seating instrument!

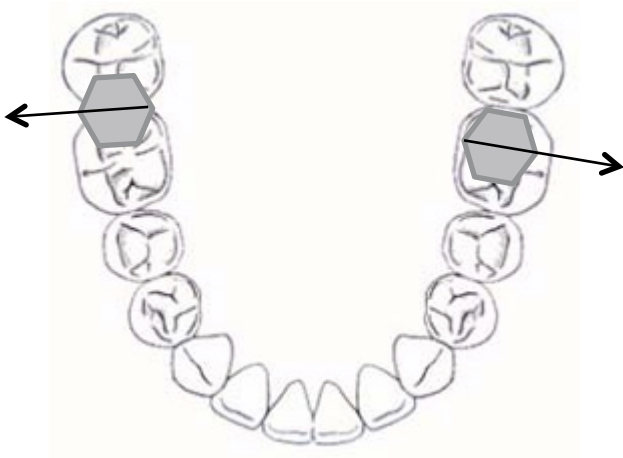
# TRI+

## CAD CAM - Products

### Important Instructions for use - TV50-30 & TV50-17



- The internal hexagon of the TRI Vent implant has to be oriented with the flat towards distal (not towards bucal like other angulated abutments).
- This is contrary compared to normal angulated abutments as the abutment angulation for “All-on-TRI” restorations is inclined towards mesial, while normal angulated abutments are inclined towards lingual.



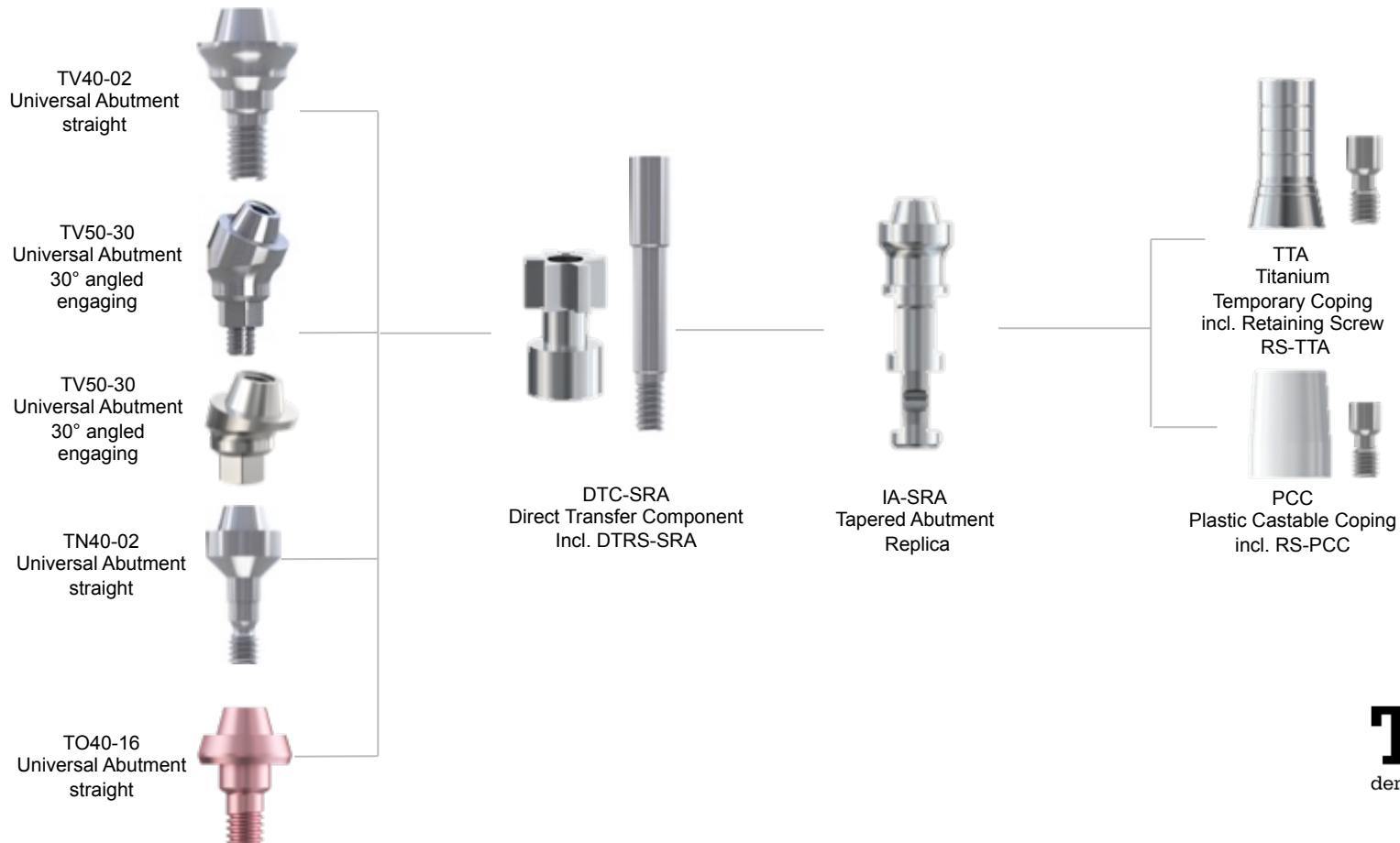
# Screw Retained Prosthetic

## Components for Screw Retained Universal - Abutments

**Straight:** TRI<sup>®</sup>-Vent, TRI<sup>®</sup>-Narrow & TRI<sup>®</sup>-Octa

**Angled:** TRI<sup>®</sup>-Vent

- **Flow Chart**



# TRI+

## CAD CAM - Products

### Traditional Approach

- Flow-Chart



Direct or Indirect  
Impression on Implant  
Level.

Assembling  
Universal Abutments  
Straight - 30° & 17° Angled on Implants.  
(30 N/cm Torque)

TTA  
Titanium  
Temporary Copin  
incl. Retaining Scr  
RS-TTA

RS-TTA-L

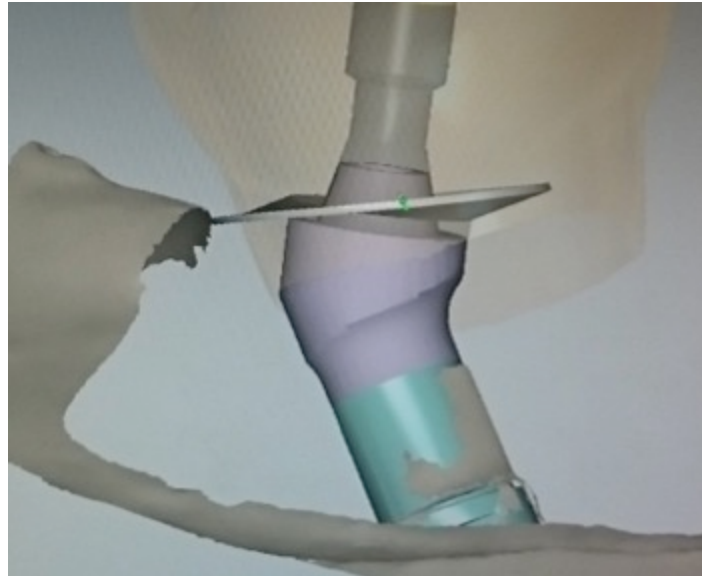
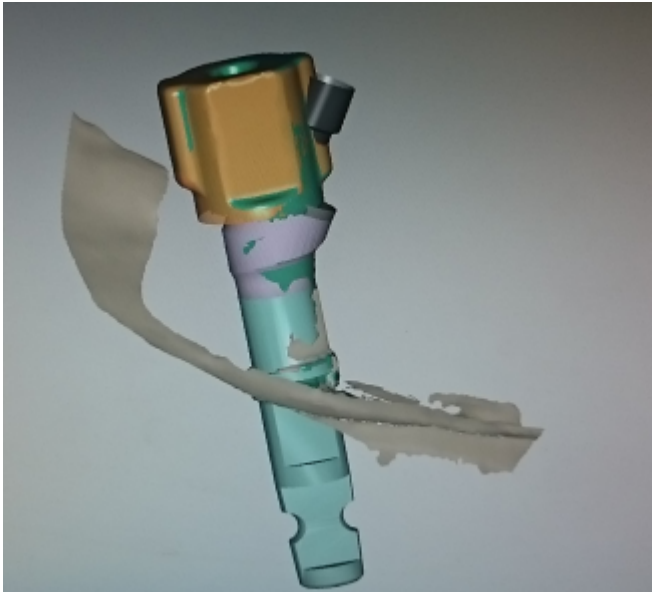
PCC  
Plastic Castable Copin  
incl. RS-PCC



**TRI+**

**CAD CAM - Products**

**Example: Scanbody TV70-Scan & TV50-30 (Exocad)**



**TRI+**

## CAD CAM - Products

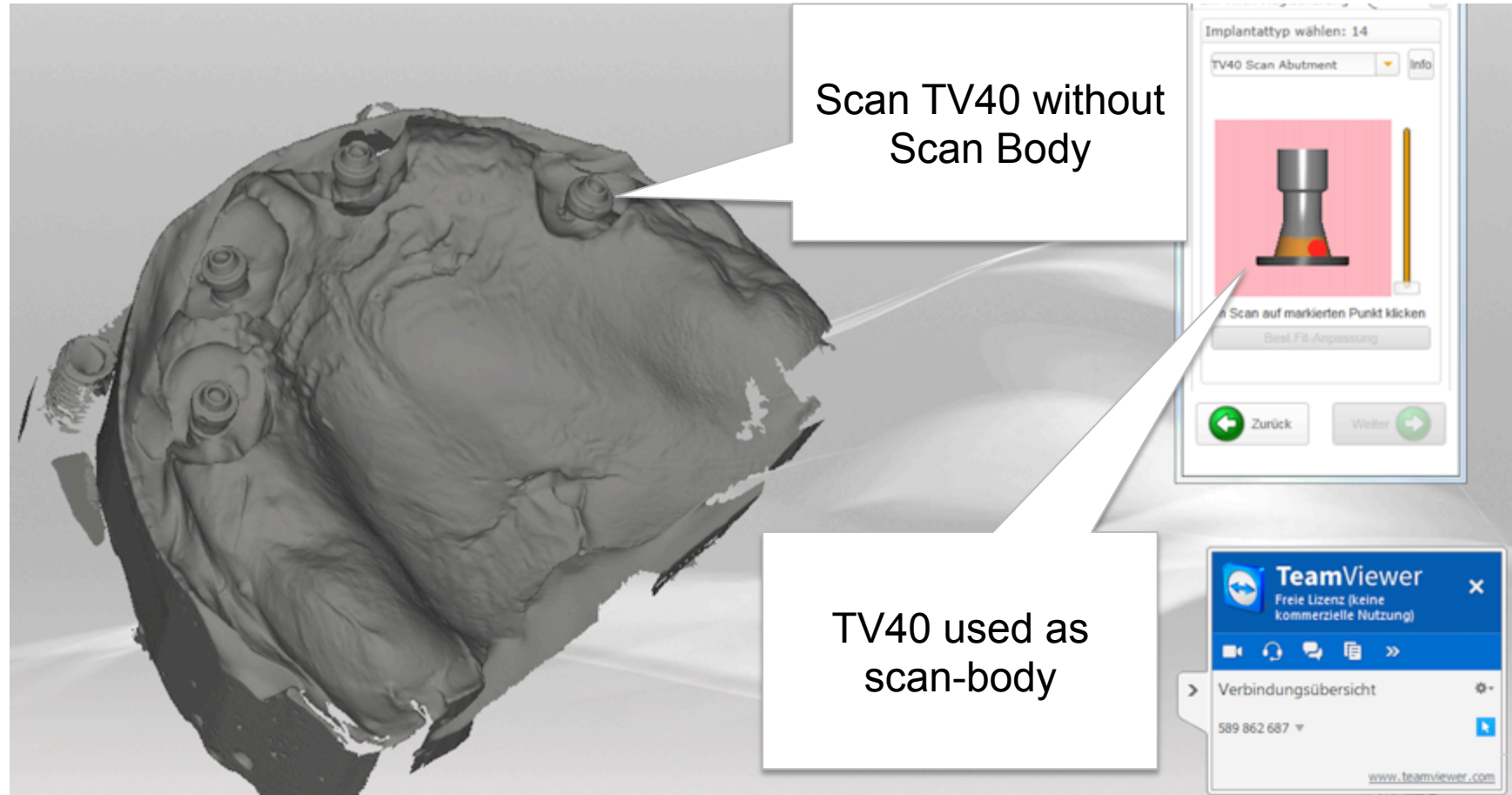
**Example: Framework on TV40 & TV50-30 (Exocad)**



**TRI+**

# CAD CAM - Products

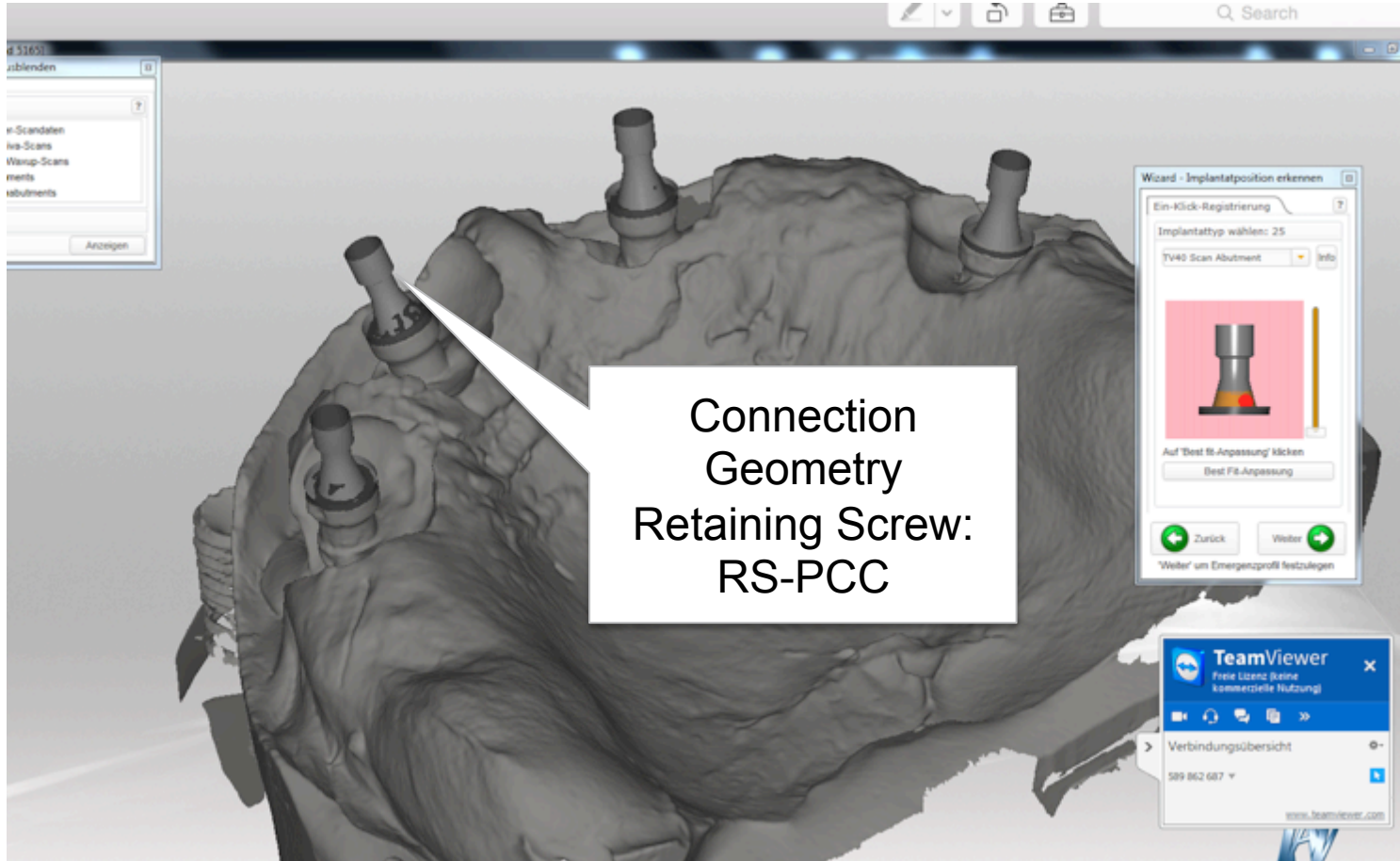
**Example: Scan direct on TV40 & TV50-30 (only with Exocad)**



**TRI+**

**CAD CAM - Products**

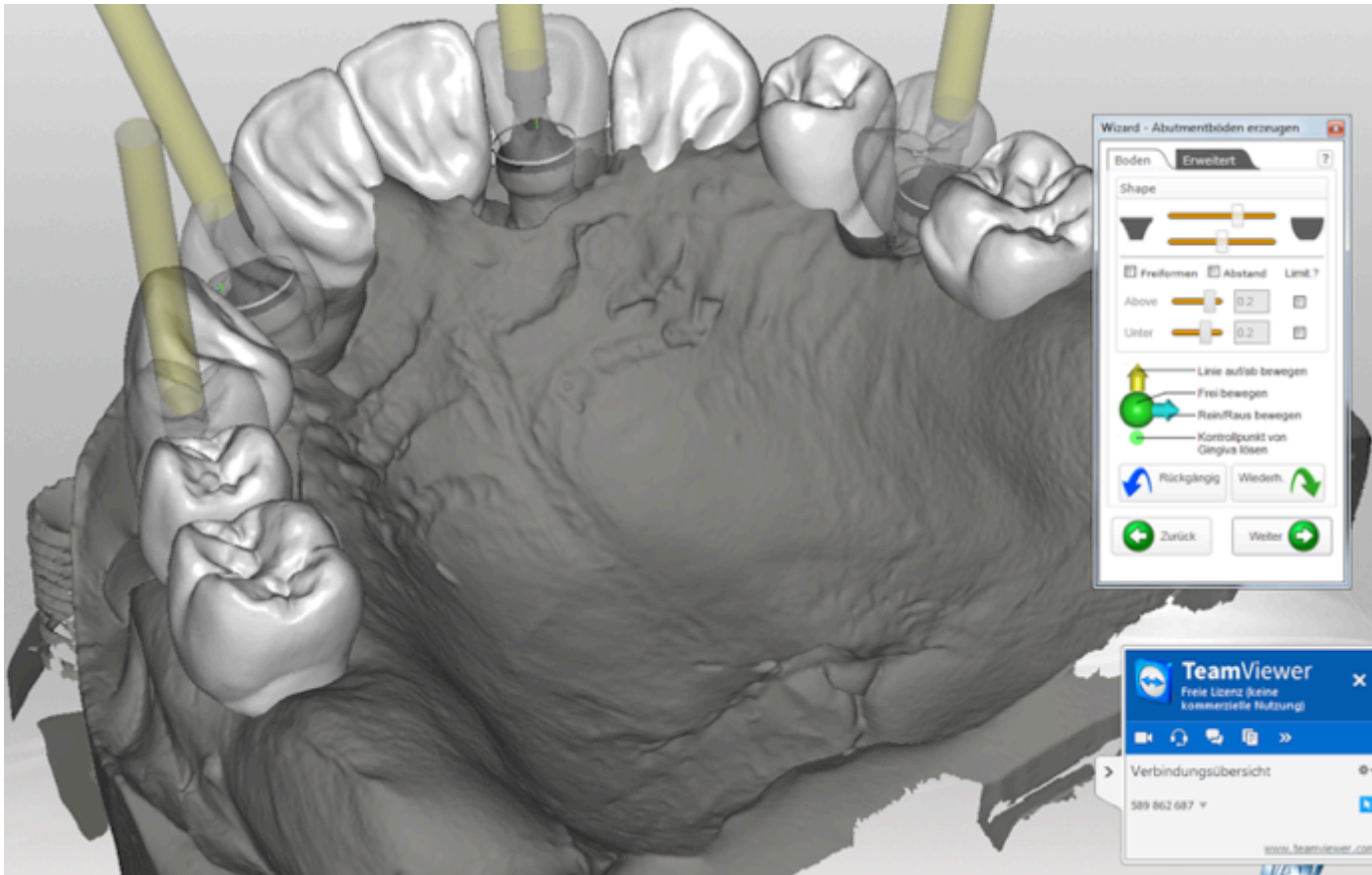
**Example: Scan direct on TV40 &TV50-30 (only with Exocad)**



# TRI+

## CAD CAM - Products

Example: Scan direct on TV40 & TV50-30 (only with Exocad)  
Final Restoration










# Screw Retained Prosthetics

## Universal Screw Retained Abutment – Straight & Angled Product Catalog: TRI® -Vent, TRI® -Narrow & TRI® -Octa




### Components for Screw-Retained Restorations

#### SCREW-RETAINED ABUTMENT

| Catalog Number |   | Ø      | CH     | Material  | Qty | Sterile   |
|----------------|---|--------|--------|-----------|-----|---|
| TV40-01        | Screw-Retained Abutment, Straight                 | 4.5 mm | 1.0 mm | Ti-6Al-4V | 1   |  |
| TV40-02        | Screw-Retained Abutment, Straight                 | 4.5 mm | 2.0 mm | Ti-6Al-4V | 1   |  |
| TV40-04        | Screw-Retained Abutment, Straight                 | 4.5 mm | 4.0 mm | Ti-6Al-4V | 1   |  |
| TV40-06        | Screw-Retained Abutment, Straight                 | 4.5 mm | 6.0 mm | Ti-6Al-4V | 1   |  |
| TV50-17        | Screw Retained Abutment, 17° angled               | 4.5 mm | 2.0 mm | Ti-6Al-4V | 1   |  |
| TV50-30        | Screw Retained Abutment 30° Angled                | 4.5 mm | 3.0 mm | Ti-6Al-4V | 1   |  |
| HC-SRAS        | Healing Cap for Screw-Retained Abutment, Straight |        |        | Ti-6Al-4V | 1   |  |



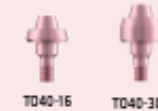
#### SCREW-RETAINED, MULTI UNIT ABUTMENT, STRAIGHT

| Catalog Number |   | Ø      | CH     | Material  | Qty | Sterile   |
|----------------|---|--------|--------|-----------|-----|---|
| TN40-02        | Screw-Retained Abutment, Straight       | 4,5 mm | 2,0 mm | Ti-6Al-4V | 1   |  |
| TN40-04        | Screw-Retained Abutment, Straight       | 4,5 mm | 4,0 mm | Ti-6Al-4V | 1   |  |
| HC-SRAS        | Healing Cap for Screw-Retained Abutment |        |        | Ti-6Al-4V | 1   |  |



#### SCREW-RETAINED, MULTI UNIT ABUTMENT, STRAIGHT

| Catalog Number |   | Ø      | GH     | Material  | Qty | Sterile   |
|----------------|---|--------|--------|-----------|-----|---|
| TO40-16        | Screw-Retained Abutment, Straight                 | 4,5 mm | 1,6 mm | Ti-6Al-4V | 1   |  |
| TO40-30        | Screw-Retained Abutment, Straight                 | 4,5 mm | 3,0 mm | Ti-6Al-4V | 1   |  |
| HC-SRAS        | Healing Cap for Screw-Retained Abutment, Straight |        |        | Ti-6Al-4V |     |  |



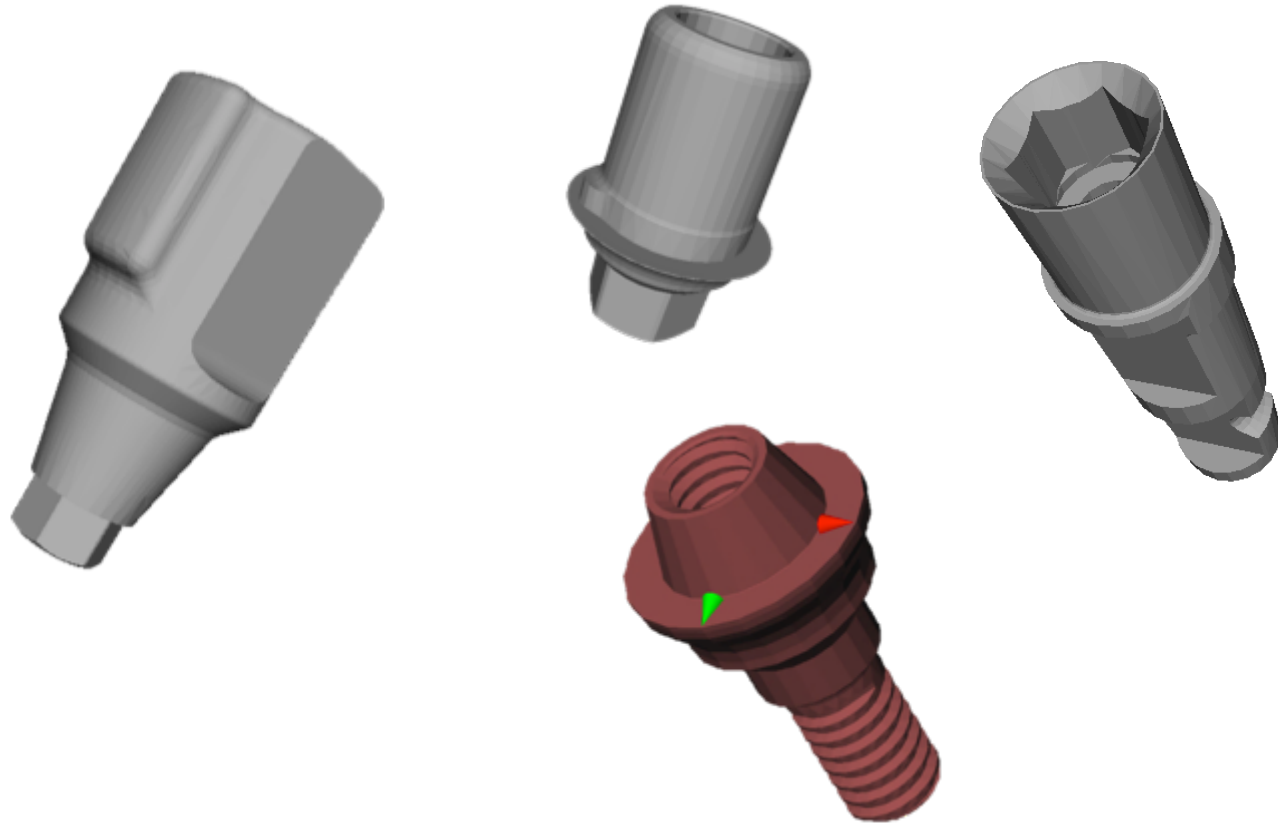
|            |  |  |  |           |   |  |
|------------|--|--|--|-----------|---|--|
| TTA        | Titanium Temporary Abutment incl. screw RS-TTA                   |  |  | Ti-6Al-4V | 1 |  |
| RS-TTA     | Replacement Retaining Screw for TTA                              |  |  | Ti-6Al-4V | 1 |  |
| RS-TTAL    | Replacement Retaining Screw Long for TTA                         |  |  | Ti-6Al-4V | 1 |  |
| DTC-SRA    | Direct Transfer Component for Screw-Retained Abutment incl. DTRS |  |  | Ti-6Al-4V | 1 |  |
| DTRS-SRA   | Direct Transfer Retaining Screw                                  |  |  | Ti-6Al-4V | 1 |  |
| IA-SRA     | Tapered Abutment Replica   |  |  | Ti-6Al-4V | 1 |  |
| PCC        | Plastic Castable Coping incl. screw RS-PCC                       |  |  | POM       | 1 |  |
| RS-PCC     | Replacement Retaining Screw for PCC                              |  |  | Ti-6Al-4V | 1 |  |
| RS-PCG-Lab | Replacement Retaining Screw - Lab Use - Blue                     |  |  | Ti-6Al-4V | 1 |  |



CH = Cuff Height

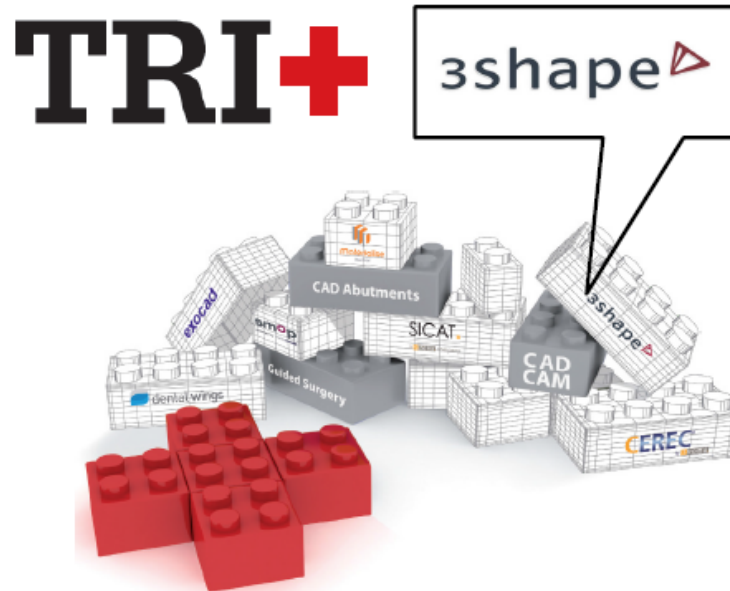
# TRI+ CAD CAM - Products

## STL data records



# TRI+ CAD CAM - Brochure

## 3shape



### Anmerkung

TRI+ stellt die Schnittstelle zwischen dem TRI® Dental Implant System und dem 3Shape CAD/CAM System dar. Die folgenden Anweisungen sind nur für Anwender bestimmt, welche mit dem 3Shape CAD/CAM-System vertraut sind.

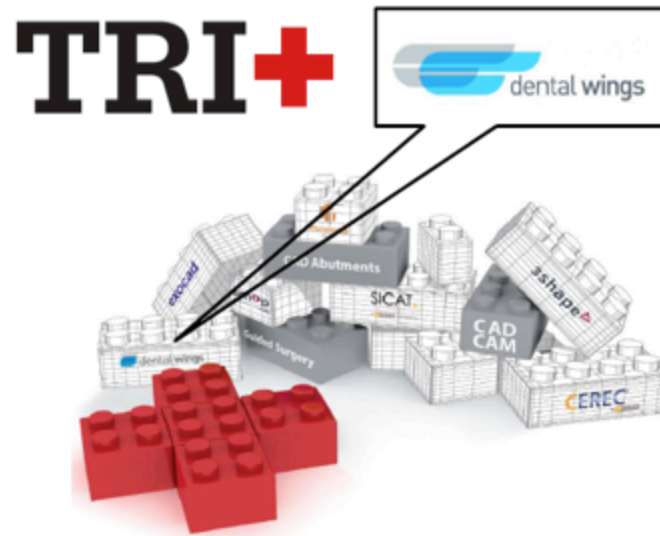
### Anwendungsbereich

- CAD Abutments
- Zementierte TRI® Implantat-Kronen und Brücken
- Verschraubte TRI® Stegkonstruktionen und Brücken



# TRI+ CAD CAM - Brochure

dental wings



## Note

TRI+ represents the interface between the TRI dental implant system and the Dental Wings digital solutions. The following instructions are intended only for users who are familiar with the Dental Wings solutions.

## Indications

### CADCAM

- CAD abutments
- Cement retained TRI implant crowns and bridges
- Screw retained TRI implant bars and bridges

### Guided Surgery (coDiagnostiX)

- 3D implant planning
- Guided pilot drilling without depth stop
- Guided pilot drilling with depth stop

# TRI+ CAD CAM - Brochure

exocad



## Note

TRI+ represents the interface between the TRI dental implant system and the exocad CAD/CAM system. The following instructions are intended only for users who are familiar with the exocad system.

## Indications

### CADCAM

- CAD abutments
- Cement retained TRI implant crowns and bridges
- Screw retained TRI implant bars and bridges

# TRI+ CEREC

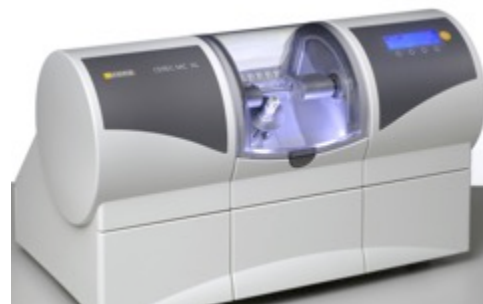
The CEREC system from Sirona is a self-contained system.

It contains:

- planning software
- Scanbody
- titanium base
- block of material zircon
- block of material ceramic
- milling machine

It contains no open interface for planning software from other vendors, so there is not compatibility with them.

Sirona does not deposit STL files of other providers in their database because of their own scanbodies & titanium bonding bases.



# TRI+ CEREC



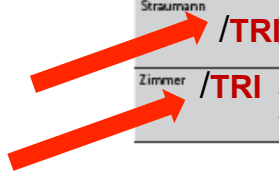
- Sirona offers its own CEREC titanium bonding bases compatible with the implants of the leading manufacturers, including Straumann Tissue Level 4.8mm platform & Zimmer Dental Tapered Screw-Vent 3.5 mm platform.

- With this platforms xthe TRI-Octa & TRI-Vent implants are compatible. A CEREC customer can supply those implants with the CEREC titanium bonding base for Straumann & Zimmer implants.

Straße, Hausnummer  
 PLZ, Ort  
 Telefon Fax  
 E-Mail  
 Kundennummer



| Implantatsysteme            |                            | Sirona Komponente ScanPost |                     |                 | Sirona Komponente TiBase |           |                 |                |
|-----------------------------|----------------------------|----------------------------|---------------------|-----------------|--------------------------|-----------|-----------------|----------------|
| Hersteller                  | Implantatlinie             | ScanPost*                  | REF.                | Anzahl in Stück | TiBase**                 | REF.      | Anzahl in Stück | Anschlussgröße |
| Astra Tech                  | OsseoSpeed* 3,5 / 4,0 S    | ScanPost AT OS 3.5/4.0 L   | 64 31 055           |                 | TiBase AT OS 3.5/4.0 L   | 62 02 532 |                 | L              |
|                             | OsseoSpeed* 4,5 / 5,0      | ScanPost AT OS 4.5/5.0 L   | 64 31 063           |                 | TiBase AT OS 4.5/5.0 L   | 62 02 540 |                 | L              |
| Biomet 3i                   | Certain* 3,4               | ScanPost B C 3.4 S         | 64 31 212           |                 | TiBase B C 3.4 S         | 63 08 048 |                 | S              |
|                             | Certain* 4,1               | ScanPost B C 4.1 L         | 64 31 220           |                 | TiBase B C 4.1 L         | 63 08 097 |                 | L              |
|                             | Certain* 5,0               | ScanPost B C 5.0 L         | 64 31 238           |                 | TiBase B C 5.0 L         | 63 08 121 |                 | L              |
| Biomet 3i                   | Ex. Hex* 3,4               | ScanPost B 0 3.4 L         | 64 31 089           |                 | TiBase B 0 3.4 L         | 62 02 557 |                 | L              |
|                             | Ex. Hex* 4,1               | ScanPost B 0 4.1 L         | 64 31 105           |                 | TiBase B 0 4.1 L         | 62 02 565 |                 | L              |
|                             | Ex. Hex* 5,0               | ScanPost B 0 5.0 L         | 64 31 113           |                 | TiBase B 0 5.0 L         | 62 02 573 |                 | L              |
| Dentply Implants (Friadent) | Frialit*/ Xive* 3,4        | ScanPost FX 3.4 S          | 64 30 891           |                 | TiBase FX 3.4 S          | 62 02 433 |                 | S              |
|                             | Frialit*/ Xive* 3,8        | ScanPost FX 3.8 S          | 64 30 909           |                 | TiBase FX 3.8 S          | 62 02 441 |                 | S              |
|                             | Frialit*/ Xive* 4,5        | ScanPost FX 4.5 L          | 64 30 917           |                 | TiBase FX 4.5 L          | 62 02 458 |                 | L              |
| Nobel Biocare               | Nobel Active* NP 3,5       | ScanPost NBA 4.5 L         | 64 31 279           |                 | TiBase NBA 4.5 L         | 63 08 188 |                 | L              |
|                             | Nobel Active* RP 4,3 / 5,0 | ScanPost NBA 5.0 L         | 64 31 287           |                 | TiBase NBA 5.0 L         | 63 08 253 |                 | L              |
|                             | Brånemark* NP 3,3          | ScanPost NB B 3.4 L        | 64 31 006           |                 | TiBase NB B 3.4 L        | 62 02 516 |                 | L              |
| Nobel Biocare               | Brånemark* RP 3,75 / 4,0   | ScanPost NB B 4.1 L        | 64 31 022           |                 | TiBase NB B 4.1 L        | 62 02 524 |                 | L              |
|                             | Replace* WP 3,5            | ScanPost NB RS 3.5 L       | 64 30 933           |                 | TiBase NB RS 3.5 L       | 62 02 474 |                 | L              |
|                             | Replace* RP 4,3            | ScanPost NB RS 4.3 L       | 64 30 941           |                 | TiBase NB RS 4.3 L       | 62 02 482 |                 | L              |
| Nobel Biocare               | Replace* WP 5,0            | ScanPost NB RS 5.0 L       | 64 30 958           |                 | TiBase NB RS 5.0 L       | 62 02 490 |                 | L              |
|                             | Replace* 6,0               | ScanPost NB RS 6.0 L       | 64 30 982           |                 | TiBase NB RS 6.0 L       | 62 02 508 |                 | L              |
|                             | Straumann                  | Bone Level* 3,3            | ScanPost S BL 3.3 L | 64 31 246       | TiBase S BL 3.3 L        | 63 08 154 |                 | L              |
| Straumann                   | Bone Level* 4,1 / 4,8      | ScanPost S BL 4.1 L        | 64 31 253           |                 | TiBase S BL 4.1 L        | 63 08 337 |                 | L              |
|                             | SynOcta* NN 3,5            | ScanPost S50 3.5 L         | 64 31 162           |                 | TiBase S50 3.5 L         | 62 04 231 |                 | L              |
|                             | SynOcta* RN 4,8            | ScanPost S50 4.8 L         | 64 31 170           |                 | TiBase S50 4.8 L         | 62 04 249 |                 | L              |
| Zimmer                      | SynOcta* WN 6,5            | ScanPost S50 6.5 L         | 64 31 196           |                 | TiBase S50 6.5 L         | 62 04 256 |                 | L              |
|                             | Tapered Screw-Vent* 3,5    | ScanPost Z TSV 3.5 L       | 64 31 139           |                 | TiBase Z TSV 3.5 L       | 62 02 581 |                 | L              |
|                             | Tapered Screw-Vent* 4,5    | ScanPost Z TSV 4.5 L       | 64 31 147           |                 | TiBase Z TSV 4.5 L       | 62 02 599 |                 | L              |
| Zimmer                      | Tapered Screw-Vent* 5,7    | ScanPost Z TSV 5.7 L       | 64 31 154           |                 | TiBase Z TSV 5.7 L       | 62 02 607 |                 | L              |



# TRI+ CEREC

