

Straumann® CARES – Frequently asked questions

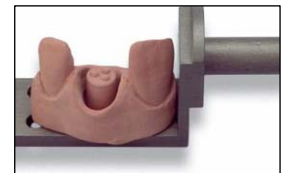
1. Scanning the model situation

How long does the scanning process take with the inEos and the inLab device?

The inLab scanner requires a few minutes for the scanning process and the inEos scanner takes a few seconds. The inEos scanner has been optimized for this purpose and can be used to scan anything from a single tooth to the entire jaw.

I do not have an inEos scanner. Can I still work with Straumann® CARES?

Yes. You can also scan with an inLab scanner. If you have the software, an outside laboratory can also perform your scans for you. If your laboratory has an inEos scanner you can achieve additional profits by providing scan services.

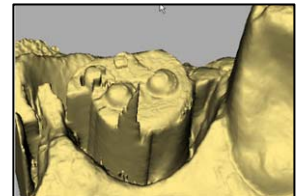


How can I check that the scanbody is in correct position?

The scanbody is the reference object for the software so it has to be positioned exactly. An audible click during insertion, checking that it does not rotate and visual inspection all ensure that the scanbody is seated in the octagon of the implant and rests correctly on the shoulder. Ideally, the scanbody should be placed in the model only with forceps or gloves and should be used **once** only. This will avoid unwanted scan artefacts (see also the next question).

Can I use the scanbody several times?

No. If the scanbody is used more than once, exact fit is no longer guaranteed. Contamination of the surface also occurs, which can cause scan artefacts to appear. Every Straumann® CARES abutment set contains a scanbody so that you can use a new scanbody for each abutment. If a major case is planned, advance ordering is recommended. Packs of 4 (048.085V4) or 20 (048.085V20) are available.



What is the problem if the error message “The two pictures cannot be correlated“ appears?

In such a case, the model has possibly shifted on the tray holding the model while the wax-up was being positioned. Vertical shifts are particularly critical – once the shift has occurred, the entire scanning process has to be repeated. The holder with the tension screw must always be fixed well, ensuring correct positioning in the raster.

What can I do if the implant margin is not subgingival in a few places?

In this situation it is advisable to model the gingiva margin in the model using scan wax. That way, a clean gingiva line can be designed on the computer. In the patient, the gingiva can be shaped as desired by means of temporaries, healing caps for the esthetic region and also surgically.

2. Designing the abutment form with the Abutment 3D Software

How can I simulate the minimum body in the model?

With the Straumann[®] synOcta 2.5 abutment (048.600) the position of the minimum body can be estimated. The Straumann[®] synOcta 2.5 abutment is also part of the planning kit.

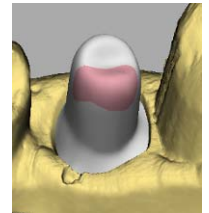
What do red areas on the abutment mean?

These areas show where the screw channel is or where the maximum body is passed. These regions are outside the fabrication region. In this case the design should be changed by "Rotate", "Position" and "Scale" until ideally only the screw channel is still red. However, the attention should continue to be on function and not only on the red areas.



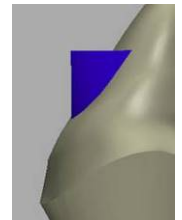
What do pink areas on the abutment mean?

These areas show where the distance is less than the minimum distance to the scanned wax-up. A change in the design can be achieved by "Rotate", "Position" and "Scale" until no more pink areas are visible. You can also reduce the veneer thickness with "Settings/Parameter/Veneer thickness". This function assists you to obtain a uniform veneer thickness. To switch this off, deactivate the "Distance marking" field in the "View options" field of the "Antagonist" dialog field.



What do blue areas during construction mean?

These areas mark the minimum body. The minimum body ensures a minimum wall thickness around the screw to guarantee stability. This consists only of visualization (no titanium inlay etc. with a ceramic abutment). If the blue areas are too large, showing that the minimum body is too small, this generates an error message here at Straumann. You can still have the abutment made despite this shortfall after confirming the error message. However, a shortfall should be avoided as far as possible. The abutment fabricated at Straumann will not be less than the minimum body and thus this determines the shape of the supplied abutment.





Can I also use the abutments as bridge abutments for cemented bridges?

Yes. Straumann[®] CARES abutments can also be used as bridge abutments. It is advisable to establish the insertion axis of the bridge through a full wax-up (e.g. with wax wire) and then scan it in this way. If no scan wax is used, this situation must be prepared with scan spray and scanned in. The alignment can be seen under "View/ Antagonist" and the abutments can be aligned easily and constructed in the wax-up.

Can I also use the abutments as a primary crown for the double crown technique?

Yes. Straumann[®] CARES abutments can also be used as a primary crown. . It is advisable to establish the insertion axis of the bridge through a full wax-up (e.g. with wax wire) and scan it in this way. If no scan wax is used, the situation must be prepared with scan spray and scanned in. The alignment can be seen under "View/ Antagonist" and the abutments can be aligned easily and constructed in the wax-up.

How can I shape the preparation form more?

A more shaped step or hollow neck preparation can be shaped through the "Position" and "Scale" design tools. Preferably use the "Position" tool to change the height/depth of the abutment. That way, the shape of the shoulder is changed while the rest of the shape remains the same. The change is visible only when you go forward one step  and then back one step .

The next software update will contain "Drop" and "Shape" functions.

How much can I angle a Straumann® CARES abutment?

Straumann® CARES offers great flexibility with regard to angle and height adjustments. However, a specific angle cannot be stated as various different factors must always be taken into account (height and alignment of the implant shoulder, position of the cement line). Essentially, the only restriction is the limits shown in red. Angles greater than 30° should be avoided during construction.

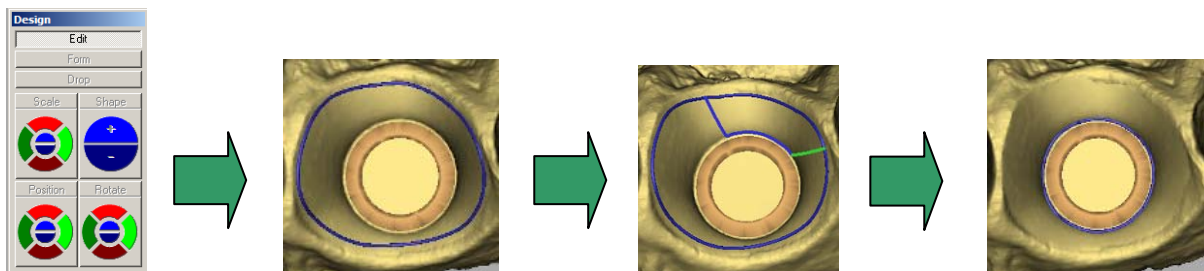
Where can I set the depth of the cement line?

The vertical distance between the emergence profile and the cement line can be set under "Settings/Parameter/Gingival depth". This distance can be defined freely between 0 and -2 mm.

What must I note if I would like to veneer the abutment directly?

In this case it is advisable to place the emergence profile of the abutment directly on the implant shoulder. That way, the reduced tooth shape can best be formed and an even layer of ceramic can be obtained. If the emergence profile is altered, it is advisable to proceed gradually and ensure that the sulcus is always visible.

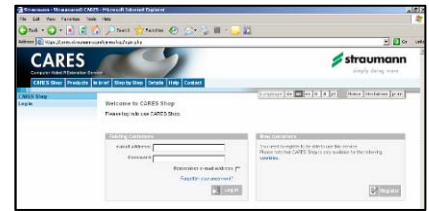
Start: left double-click; forward: left single-click; end: left double-click; back: right click.



3. Ordering over the Internet

How do I register for the Straumann® Webshop?

Go to www.straumann.com/CARES and select “CARES Shop”. You will go to the registration form and you can then register online. After you have been verified by your local Straumann distributor, you can order your abutments online



What happens with my details after I register?

Your details are not used for advertising purposes or passed on to third parties and naturally they are subject to data protection laws.

Do I incur any obligations by registering in the Webshop?

No. Registration in the Straumann® Webshop is free of charge and not linked to any obligations. The only condition for registration is the availability of Straumann® CARES in your country. You can obtain information from your local Straumann distributor.

How does "Order Tracking" function and how can I track my delivery?

To track your order, you can enter your order number on DHL's online service (see below):

<p>Ihre CARES Bestellung Nummer 12345 wurde mit der Frachtbriefnummer 1234567890 versendet.</p> <p>Der Status Ihrer Lieferung kann von Ihnen im Internet unter www.dhl.ch verfolgt werden.</p> <p>Mit freundlichen Grüßen</p> <p>Straumann CARES</p>
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DHL Order Tracking: www.dhl.ch – e-tools - For private despatch - Parcel tracking - Express packet international – Enter number.



4. Fabrication process

Can I also grind a Straumann® CARES abutment ZrO₂ on the inLab?

No. Straumann® CARES abutments cannot be ground in the inLab because densely sintered zirconium dioxide and titanium can only be processed on industrial machines.

May I grind the ceramic abutment in the laboratory?

No. Straumann® CARES abutments must not be ground further. In such a case, processing and use of the products are outside our control and are the responsibility of the user. No liability is accepted for any resulting damage.

5. Delivery to the dental laboratory

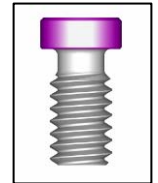
Is the synOcta 1.5 abutment included in the price of Straumann® CARES abutment ZrO₂?

Yes. The synOcta® 1.5 abutment is contained in the price, along with a scanbody and a SCS occlusal screw for the CARES abutment ZrO₂. A scanbody and the basal screw are supplied with titanium. Straumann® CARES comes only in a set containing all the required components. If screws or the synOcta® 1.5 are lost, these can be ordered separately via the usual ordering process.



Can I also use the blue-colored screw from the InCeram blank for the Straumann® CARES abutment ZrO₂?

No. The screw for the InCeram blank (048.355) differs from the original CARES screw (048.354 in the color marking of the screw head). If the original CARES screw is lost, a new one can be ordered.



Can I also use a normal SCS screw for the Straumann® CARES abutment ZrO₂?

No. Only the original CARES occlusal screw with magenta-colored head must be used for the Straumann® CARES abutment ZrO₂.

Can I use the screw of the Meso drill cylinder or Straumann® synOcta gold abutment for the Straumann® CARES abutment Ti?

Yes, the screws are identical (basal screw).

How does the strength of the ceramic abutment compare to titanium?

The Straumann® CARES abutment ZrO₂ meets exactly the same demands as the Straumann® CARES abutment Ti.

Why should I order Straumann® CARES when I can also work a Straumann® Meso abutment titanium?

With Straumann® CARES you obtain an abutment that is ready for producing the individual restoration. Time-consuming grinding is not needed so you have more time for other work. Straumann® CARES offers the dental laboratory an easy way into CAD/CAM technology.

What ceramic can I use to veneer the Straumann® CARES abutment ZrO₂?

The abutment has a thermal expansion coefficient of $10.5 \times 10^{-6}/K$ (25°C - 500°C, 77°F - 932°F). The ceramic used should match this value.

Can I color the Straumann® CARES abutment ZrO₂?

Yes. The color of the abutment can be altered by painting or branding on ceramic.