Straumann® CARES® Visual 11

Software Update – What’s New CARES Visual

Software Version 11.0
Release Date April 2017
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New Features and Products

1.1 New Dental Desktop
A new generation of the Dental Desktop has been developed for the CARES Users. This new User Experience will provide you with live News and Offers and is configurable to suit the needs of every CARES User.

1.2 Angulated Solution with corresponding screw channel
The CARES User is now able to create Single Unit Variobase Abutments. Using the X-Stream Workflow you can choose the Variobase for Angled Solutions with the corresponding screw channel from the dropdown menu in Order Creation:
After Designing the Crown or Coping, the CARES User can change the angle of the screw channel by choosing Adjust Axis from the Local Menu:

The Angulation can be changed using the Gripper on the top of the screw channel.

NOTE: The maximum angulation is material dependent and indicated in red.
Changing from a straight to an angled screw channel.

Cut view of the angled screw channel.
1.3 Quick & Easy Stock Abutment Exchange

There are more and more Stock Elements available for the CARES X-Stream Workflow. The CARES User can now choose the Stock Element in Scan and CAD. The preview will help you choose the correct abutment:
1.4 Supra-structure for Bars *

The CARES User is able to create a Supra-structure on top of Bars for removable prosthetics.

This can be done during CAD on a merged Bar. Choose “add Supra-structure”

After choosing the material and the corresponding milling and fitting parameters, an Initial offset “coping” is created.

*(not yet available for Straumann Materials)*
This overlay can be designed using the Add/Remove tools. The boundaries of the supra-structure can be changed by choosing “Edit Supra-structure” in the local menu:
If an offset overlay is insufficient for that case, a Virtual Wax-up can be added by choosing “Create virtual Wax-Up” from the Local menu:

The Wax-up is added to the overlay using the “Merge Model” function.

**NOTE:** Only the Bar can be sent to Straumann Central Production. The Supra-structure until availability can be send to Lab milling or 3rd party. An export of the manufacturing file is possible.
NEW CARES® Products

2.1 Angulated Solutions: Straumann Variobase Abutment

To help customers using screw retained restorations, Straumann® has developed the Angled Solution (AS) systems which allows customers to angle the screw channel up to 25° (material depended). The new Variobase for Crown AS are available with short and high chimneys, for the Tissue Level implant platforms NNC, RN, WN as well for the Bone Level implant platforms NC, RC.

Crown restorations can be done within the following Straumann® materials:

- Zerion LT, with screw channel angulation up to 20°
- 3M ESPE Lava Plus Zirconia, with screw channel angulation up to 20°
- Coron, with screw channel angulation up to 25°
- Polycon ae, with screw channel angulation up to 25°
NOTE: *Straumann® Variobase® for Crown AS* requires the use of its dedicated AS screw (included with the abutment) and an AS screwdriver (purchased separately*). SCS and AS components are easily identified by the green color band are not inter-compatible.

*Variobase® for Crown AS*
Implant platforms: NNC, RN, WN, NC, RC
Gingiva Height: 1 mm
Material: TAN


2.2 Bone Level *Straumann(r) Variobase(r)* for Crown with different Gingiva Heights
Bone Level *Variobase®* for Crown Abutment height 3.5 and 5.5mm is now also available in the additional gingiva heights 2mm and 3mm. Select the appropriate *Variobase* for Crown gingiva height according to your case planning.
2.3 CoCr CARES Abutments

Straumann® CARES® Abutment CoCr is a 1-piece abutment for direct-veneering. No further investments are necessary. CARES® Abutments CoCr can be veneered with standard veneering porcelain using your standard workflow. The new product is available for the following platforms: NC, RC RN, WN.

Straumann® CARES® Abutment CoCr are available in Europe.

Coefficient of Thermal expansion (CTE): 14.3 x 10^{-6} K^{-1}
2.4 zerion® GI gingiva shaded zirconium dioxide

zerion® GI is a new gingiva shaded zirconium dioxide available in 2 shades (68, a soft light pink and 85, a slightly darker pink) for frameworks up to full arch.

As zerion® GI already has a gingiva like pink shade, it offers a highly efficient solution for fixed bars. Indeed, the zerion® GI framework can be cemented on Straumann® Variobase®. Design and delivery can easily be achieved through our one-step CARES® X-Stream™ solution.
2.5 CI RD Straumann® PUREbase

Straumann® CI RD PUREbase is indicated for screw-retained single tooth or cement-retained single tooth and bridge restorations and is available in two abutment heights, 3.5 mm and 5.5 mm. The Straumann® CI RD PUREbase has a narrow design that allows it to act as an inner core, while the ceramic crown/coping sits directly on the implant shoulder, forming the outer shell for the surrounding soft tissue. The Straumann® CI RD PUREbase is supplied with a basal screw, a bonding aid and a mini-step-by-step which illustrates the new bonding workflow. Straumann® CI RD PUREbase abutments offer the benefit of the original Straumann connection and the unique Straumann® engaging mechanism.
2.6 High Esthetic Treatment with NeodentFit

NeodentFIT provides a flexible full prosthetic solution to restore Neodent implants. With only one scan and one design procedure, all required prosthetic components are delivered together with an excellent fit. This optimization of the workflow is now available for the Neodent® titanium base with advanced crown material: zerion®, IPS e.max®, coron®, Lava™ Plus or alternatively, access to Neodent Customized Abutments. For more information, please contact your local distributor.

2.7 etkon® iDent

etkon® iDent is the new Straumann® brand that provides you with prosthetic components compatible with other major implant system. Get the flexibility of a comprehensive multi-platform choice and a customer experience only Straumann® can offer. Access restorative solutions for the following implant systems:

- Nobel Biocare®/NobelReplace® Tapered
- Nobel Biocare®/NobelActive®, NobelReplace® Conical
- Nobel Biocare®/Brånemark®
- BIOMET 3i®/Certain®
- BIOMET 3i®/External Hex
- Zimmer® Dental/Tapered Screw-Vent®
- MIS®/SEVEN® Internal Hex
- BioHorizons®/Tapered Internal, Tapered Internal Plus, Tapered Tissue Level
- DENTSPLY® Implants/ASTRA TECH OsseoSpeed® TX
- DENTSPLY® Implants/XIVE® S
1. etkon® iDent Customized Abutment CoCr
   - In addition to titanium, you now have full access to customized restorations in CoCr, for all major implant systems.

2. etkon® iDent Repositionable Analog
   - Equipped with a 3D printer? Print your model and use the etkon® iDent repositionable analog to reproduce the implant placement situation of your patient.

3. etkon® iDent Wax-up Base
   - Design your customized restoration using the wax-up technique and send it to Scan & Shape to have it produced in the Straumann® centralized milling center.

4. etkon® iDent Abutment blank CoCr & Ti
   - Equipped with a milling machine? etkon® iDent provides you with pre-milled abutment blanks to allow you to keep the production of customized abutments in-house.

5. etkon® iDent X-Stream™
   - Minimize turnaround time and costs by having your etkon® iDent customized abutment and coping/crown produced and delivered together. Access a broad range of Straumann® CARES® restoration material available for other implant systems.

*Not yet available in all markets.
3. General enhancements of CARES® Visual®

3.1 Visualization of scan progress (with cloud of points)
The CARES user will see the scan process instead of waiting for the whole computation.

3.2 Improved Occlusion Management
With the enhancement of “tooth chain technologie” the design proposal is even closer to the natural anatomie.

The occlusion is generated with respect to the antagonist arch.
3.3 Add/Remove Material Tool Improvement

New Function: **High Resolution**

The CARES User can use the **Wax-Up Tools** in High Resolution. This allows a more „controlled“ use of the tools, especially on Incial Edges.

**NOTE:** Only selectable on the jaw model and the merged object

The **Spline Edition Tools** now offers variable shapes for better defined contour adaption, with preview of the affected area.
3.4 User Interface Enhancement

3.4.1 Order counter

The Main Toolbar shows the CARES User the amount of open Orders per Module. This makes it easy to keep track of all open tasks.
3.4.2  3D Background Individualization

The CARES® User is able to change the design of the Background for all Scan and CAD windows. The background can be changed to any **Picture** or to a user-defined **color Gradient**

Selection of “Background Options” under “Preferences”
3.5 Custom Abutment with Wax-up: Scan from model workflow for etkon® iDent and Straumann® Wax-ups

The CARES User can use both Workflows for Wax-Up Abutments. This provides the following possibilities:

- Straumann® Wax-up using Sleeveholder with the cylinder scan
- for etkon® iDent Wax-up using scan from model
- combination of Straumann® and etkon® iDent, using scan from model

Order creation for the combination of Straumann® and etkon® iDent abutments.
For the Wax-up strategy choose Fast Wax-up Scan

**NOTE:** Be sure to confirm the correct tooth position for each wax-up scan.
Remove the overlapping scan faces for a good design proposal.

4. General enhancements of CARES® Products

4.1 More flexibility for zerion® ML and UTML

The CARES User is able to select 22mm blanks for zerion ML and UTML in the blank menu while pre-nesting.

The maximum angulation for zerion ML and UTML is now larger, giving the CARES User more flexibility while pre-nesting.

4.2 New Color for n!ce

The CARES User is able to select the color *Bleach* for the Material n!ce.