### Straumann® CARES® Visual 9

**Software Update – What's New**

**Software Version** 9.5  
**Release Date** March 16th 2015

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1. New functionalities and enhancements in Straumann® CARES® Visual

1.1 Default and user defined presets for all Waxing tools

The CARES® user is able to choose between three different default options (Small, Medium or Large) or define his own presets for the Waxings tools (Add, Remove, Smooth, Morph, Eraser)

Open in CAD Station “Overlay Multi-Designer”. Three presets are available.
For user defined presets open “User Preferences” -> Virtual Waxing Tool Presets

To add a new preset, click on + and enter Name, Size and Amplitude.
1.2 Best initial proposal for vestibular veneered crowns and pontics

It is possible to choose in the CAD Station the best initial proposal.

There are three *Incrustation Types* available

*Groove*
Middle

Cusp Line
1.3 Reload existing data into the Scan

The CARES® user is now able to close his scan and the scan will be saved at that stage. The benefit of this new function; the saved scan can be reloaded in Arch Scan later without losing the previously scanned data.

Choose load existing data YES or NO. Click on YES the workflow begins were the user has stopped his scanning before. Click on NO, a new scan from the beginning will be started.

1.4 New option in Order Creation “Route and Follow”

After creating a new order the CARES® user will find a further option “Route and Follow”. By choosing “Route and Follow”, the Arch Scan module opens automatically.
1.5 New filter in Order creation for materials when the Implant kit is selected

Choose *Prosthesis Family “Abutments”*. Within the *Materials* only the available Abutment Materials appear.

![Abutments materials selection](image)

**Implant Kits**

![Implant kits selection](image)
1.6 New order creation for Variobase™ Abutment

The CARES® user has to create the Variobase™ in 2 steps as a CARES® X-Stream Solution; e.g. Base Layer + Layer 1.

Therefore the new *Stock Element* is implemented in Materials.

The *Implant Kits* represent the different Variobase™ Abutment Interfaces.
Add Prosthesis Subtype

- Variobase™ Abutment-NC_3.5
- Variobase™ Abutment-NC_3.5
- Variobase™ Abutment-NC_3.5 - CoDiagnostX
- Variobase™ Abutment-NC_5.5

Base Layer is finished
Add Layer 1 with the desired restoration type and material. With Route the order this order type is finished.
In general this is the rule which applies:

Base Layer (Ti Base or CARES® Abutment) + 1st Layer (restauration on top)
1.7 New Connector type “Natural Connectors”

The CARES® user has the option to set this as a default for every Straumann® material. In order to do so please find under:
Settings -> Material Management -> choose the respective Straumann® material -> Connectors

If the crowns are close enough together then there is no need for connectors.

Function “Use Natural Connectors” is disabled will still show connectors as below

Function “Use Natural Connectors” is enabled no connectors are shown, if the elements interpenetrate each other.
1.8 Separation lines of adjacent teeth

Separation lines are not visible in the CAD Station anymore. The model displays a homogeneous surface.

Arch Scan (CAD Station before)

CAD Station now
1.9 New Pontic shapes available

After choosing Prosthesis Subtype the CARES® user is able to decide between four different Pontic shapes as shown below:

- Conical
- Sanitary
- Saddle
- Modified ridge-lap

These shapes are selectable for Full, Reduced and 3/4 Pontic Prosthesis Subtypes, not for the Advanced Pontic.
1.10 New feature in Multi-Designer Tool; “Abutment Parallel to Insertion Axis”

This step can be done now in the Multi-Designer Tool -> Handles Edition -> Custom abutment parameters. It can be enabled or disabled. The advantage of this new feature; the CARES® user won’t lose his design.

![Custom abutment parameters](image)

1.11 Insertion Axis improvements during the scan within a bridge situations

There is no need for setting the axis for every die of a bridge after the die has been scanned. The path of insertion will be done after all dies are scanned. At the end the CARES® user sets the path of insertion for the whole bridge. This pre-setting can be done in User Preferences. Activate Skip insertion axis until the last prosthesis in a bridge
1.12 User defined Display Texture Options

The CARES® user is able to create “Transparency presets”.

In order to do so please find under:
User Preferences -> Display Texture Options -> Transparency presets
Click + -> enter *Name*
Sliders appear in order to define the desired pre-sets.
In CAD Station, open; “Display Parameter”

*Transparency presets* is always set as Default. Below are the user defined settings.
1.13 Rounded extensions for every Bar type

In order to find the appropriate check box, open the Bar Editor within the CAD Station. The CARES® user may enable the check box “Rounded extensions” as shown.

Activate “Rounded extensions” or drag the arrow to adjust the radius of the rounded part.
Example of different radii of the rounded extension

1.14 Reduced cross section area for fixed bar extensions

The minimum section value on the last pillar has to be 16.6mm². The tapered remaining section of the extension is now 9mm² minimum section value.
1.15 Adjustable secondary radius for Lambda Bar

With the “Secondary Radius” slider the CARES® user is able to change the range from 0.5mm up to 15.0mm.

Bar Options -> Segment
2. New Materials

2.1 New material 3M Lava Plus

2.2 Additional Variobase® abutment height

The Variobase® for crown is now available in two abutment heights. Choose between 3.5 mm and 5.5 mm abutment height due to the restorations requirements.

Please note: The abutment heights must not be tailored

Available materials for the Variobase® for crown

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<tr>
<th></th>
<th>Zerion®</th>
<th>Coron®</th>
<th>Polycon® ae</th>
<th>IPS e.max® CAD</th>
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<tr>
<td>AH 3.5 mm</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
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<tr>
<td>AH 5.5 mm</td>
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Please ask your local sales organization for the product availability.