Software Update – What’s New

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1. Improvements to Straumann® CARES® Visual

1.1 Smooth deformation of all Prosthesis Subtype

**Initial proposal and minimum wall thickness correction**
A new minimum thickness correction for full contour and reduced crowns stores the occlusal information considering the material specific wall thicknesses.

**Manual usage of transformers and clinical handles**
With a refactoring of these design tools the anatomy of the selected tooth always remains its original shape.

**Contact Points**
For Prosthesis Family Crowns an improved algorithm is now in use to create contact points.

**Note:** For the Prosthesis Family INLAY's, please use the Mesh Tools available in "Add / Remove material"
1.2 Telescopic Crown

Friction area
Friction areas have been refactored in order to be smooth on their surface which improves the final result of the milled product.

Secondary insertion axis
In order to differentiate clearly between the minimum body and the friction area, the minimum body is now distinguished by appearing in a different color.
1.3 New features for Screw Retained Bar

New bar profile grouping
The new bar grouping differentiates between *removable* and *fixed* Prosthetics. This allows the CARES user to identify the bar by the intended uses.

Allow free plane mode for all Bars
This new design flexibility allows a perfect design according to the gingiva profile particularly in the extension area.
Notification: Bar is inside the gingiva

Due to minimum thickness requirements, bars types supporting gingiva adaption can interfere with the gingiva. This makes it impossible to fit the bar onto the model or in the mouth.

The CARES user will be notified if a part of the Bar interferes with the gingiva. The area of interest will be marked red.
1.4 Custom Abutment – Abutment Parallel to Insertion Axis

Within the Custom Abutment Parameters the Check box “Abutment Parallel to Insertion Axis” is now active. In addition, the CARES user now has additional design flexibility with add/remove material via the context menu.
Within the Multi Designer the CARES user can alter his desired design and still have the automated control function for undercuts. This control function appears as a warning massage when validating the design. Furthermore it is possible to show all undercuts on the top part of an abutment with a simple click on a check box during the design.

Note:
All CARES X-Stream Cases are automatically controlled (due to a block out function) before the crown is computed above (on closing the Multi Designer).
1.4.1 Custom Abutment – Create Sub- / Supra Gingival Margin line

With the usage of “Abutment Parallel to Insertion Axis” deactivation, CARES Users are able to create Sub- / Supra Gingival margin lines.

a.) Define the margin line following the gingiva crest. Make sure “Abutment Parallel to Insertion Axis” is deactivated (then Recompute)

b.) Open Overlay Multi Designer – Handles Selection and activate “Show distances”. Select green handles with the use of control (CLTR) key. Complete margin line movement via pressing control (CLTR). For single handle movement release the control key.
c.) The complete margin line has been moved down by 1mm

d.) Check the new position of the margin line and project the radical area on gingiva
1.5 Prosthesis Family INLAY
A new function „Preposition Anatomy“ for INLAYS has been implemented. This function allows the CARES user to do major changes / movements to the original tooth template.

1.6 Insertion axis - New coloring of undercuts
After setting the insertion axis, undercuts are displayed from solid red (deeper undercut) to orange.

By right-clicking on the insertion axis arrow the CARES user can reset view or the insertion using axis, the undercuts on the dies will be displayed according to the setting of the insertion axis.
1.7 In-place axis designer for Attachments
All attachment axes are grouped together as a default behavior, with optional manual ungrouping. In order to define the insertion axis of an attachment properly, the CARES user has the possibility to simultaneously show the jaw and the adjacent attachment.

1.8 Order Management
Search by Remote ID
Within the Order Management it is now possible to search as well by Remote ID values.
2. Bug Fixes within Straumann® CARES® Visual

2.1 Decreasing the default Material Thickness Parameter
The pop up message for wall thickness under the minimum recommended material value is now also shown before the shipping summary opens. This ensures that the message is always shown to the CARES User independently of the selected workflow.

2.2 Waxing is not displayed after "Bar editor" has been closed
If the CARES user hid the waxing while the Bar Editor is open and validate the design (by closing the bar editor), there was no chance later to show the waxing. This has been fixed, so the waxing can be shown after design validation.

2.3 iTero / Align Comments not displayed while importing the case in CARES
Customer comments from the iTero Lab station or comments from Align Support were not displayed while importing the case into CARES Software. These are now available.

2.4 Collar Position now also editable via "Recompute"
When editing the collar line via “Recompute” the changes were not transferred to the object. Now it is possible to change the collar line via “Recompute” or using “Edit margin line” and the changed value is visible on the object.