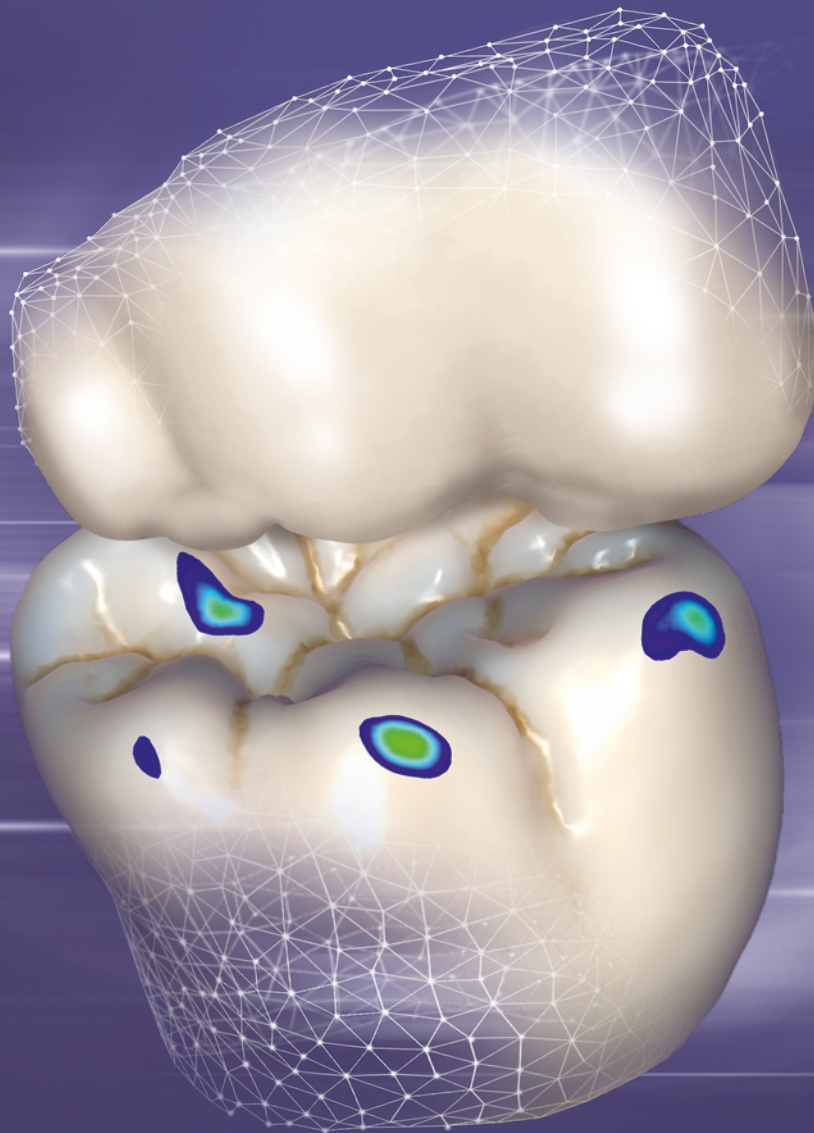


WHAT'S NEW ENGLISH



DentalCAD®  
3.1 Rijeka

# STAY AHEAD OF THE GAME



exocad

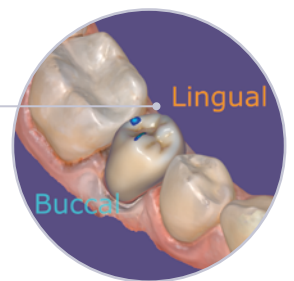
# Save time and simplify workflows with more than 45 new and over 85 enhanced features.

DentalCAD 3.1 Rijeka cuts down on design time and offers more intuitive workflows from CAD to CAM.



## Minimize design time, maximize results

- Faster design of single-unit restorations
- Visualization makes anatomic free-forming more intuitive—the affected design parts are highlighted
- New highly automated pre-op workflow
- Improved case documentation: new screenshot management tools for collecting, editing, and tagging screenshots
- More flexibility for handling minimum thickness of materials
- Improved design of 3/4 Crowns/Overlay Crowns
- Design implant-based restorations based on stock abutment libraries
- Reuse tooth setups for multiple jobs



## Faster simulations with *Virtual Articulator*

- Recalculation of the articulator movement on the fly
- Adaptation of both jaws with the click of a button
- Accurate simulation of more real, physical articulators than any other CAD software\*

\*Data on file



[exocad.com/dentalcad-rijeka](https://exocad.com/dentalcad-rijeka)



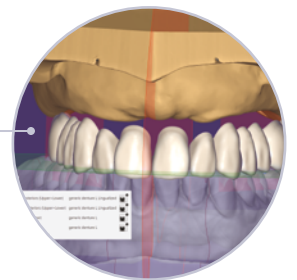
## Vastly improved *Smile Creator*

- Instant in-face visualization throughout the CAD workflow
- New Smile Design PDF report
- Improved color selection
- Split screen before/after visualization



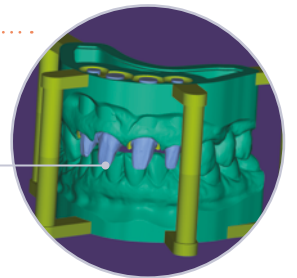
## Improved *Full Denture*

- Individualize posterior denture teeth placement
- Save time: load individual presets from previous designs, also for single-arch dentures
- Virtual tooth extraction now in wizard workflow for simplified interim denture design



## More intuitive *Model Creator*

- New Quick Models allow for highly automated model creation
- Parameter settings now with animated illustrations
- Generate virtual stumps that fit the eggshell temporary



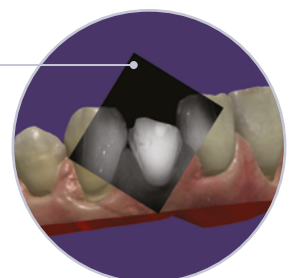
## *exocam* updated

- Modernized CAM user interface for better usability



## New feature and add-on module highlights

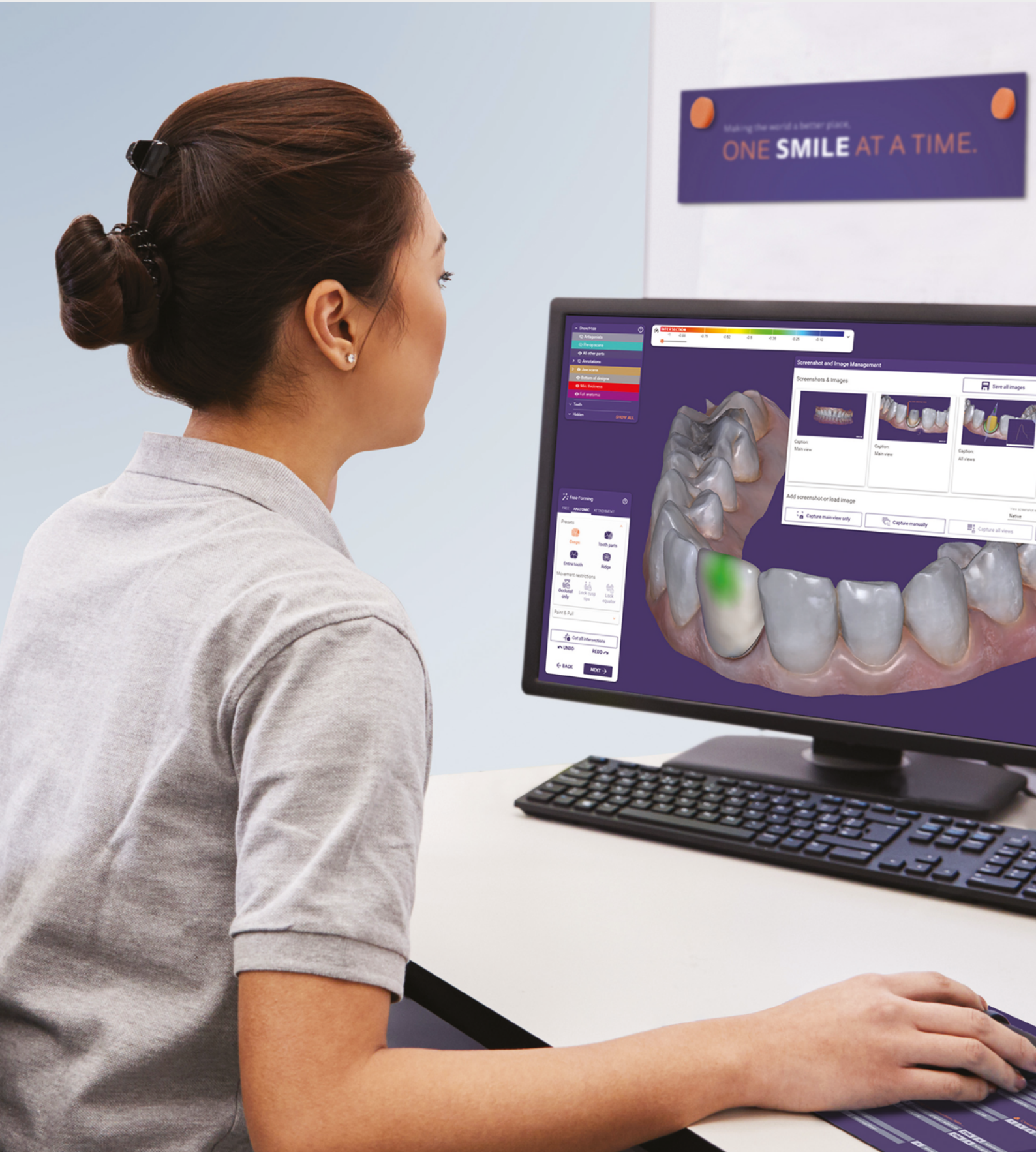
- InCAD IO Camera Support for iTero: Incorporate 2D and NIRI images to provide labs with unprecedented layers of information
- xSNAP add-on module: First model with printable articulator
- FullDenture IV add-on module: One disc, one milling process, one denture with Ivoclar Ivotion



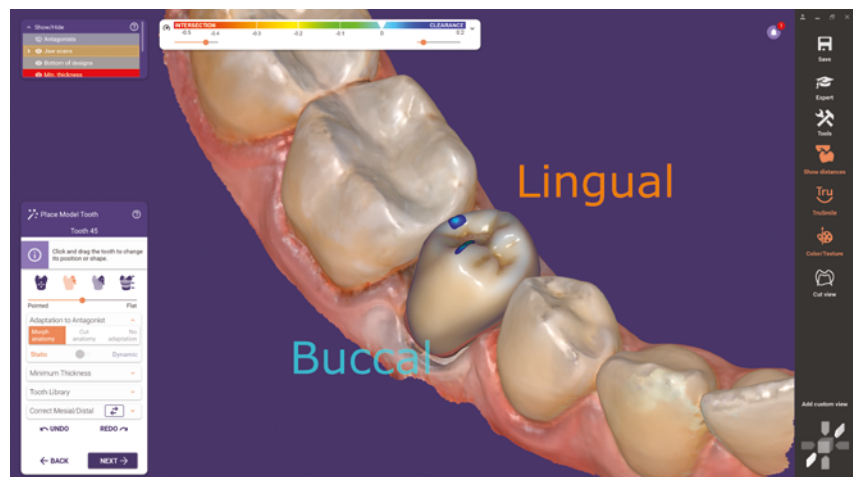
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# DentalCAD 3.1 Rijeka

Minimize design time, **maximize results**



## Faster design of single-unit restorations



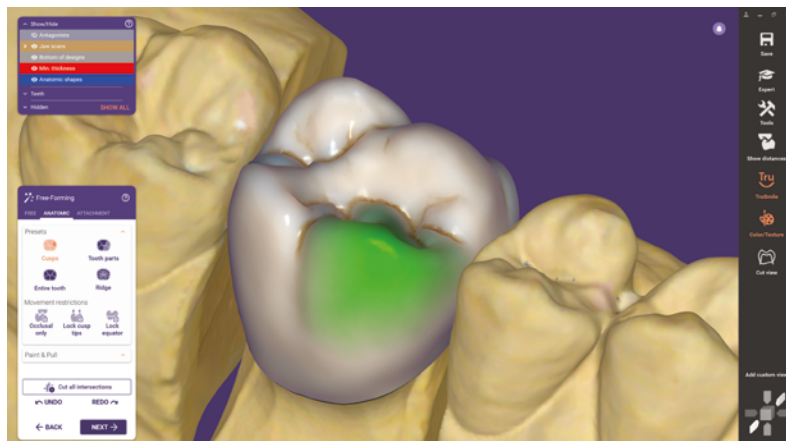
Instant Anatomic Morphing and a slider to adjust abrasion are now available in the single-tooth placement dialog box.

- Design single restorations with fewer clicks

## Visualization of influenced area in Free-Forming step

To improve visualization during anatomic free-forming, the affected parts of the design are highlighted in green.

- More predictable results
- .....
- More intuitive free-forming
- .....



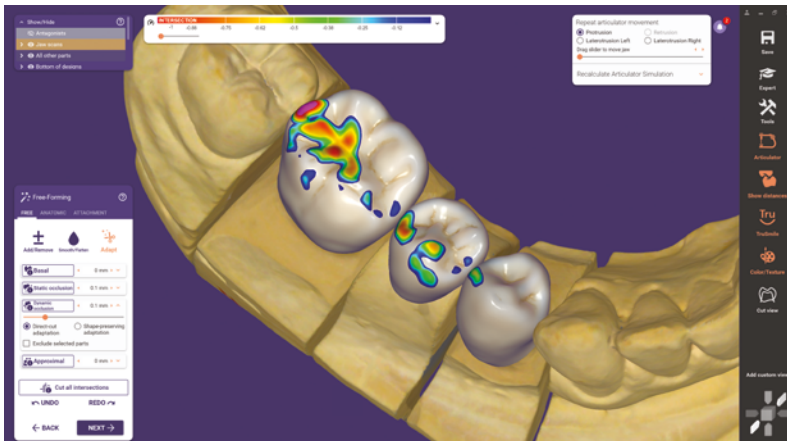
## Highly automated pre-op workflow

Save time with highly automated generation of crowns when a pre-op scan is available—the previous anatomy copies automatically.

- Preserve patient function and anatomical shape
- .....
- Fewer clicks to achieve a final restoration
- .....



## Improved Free-Forming dialog

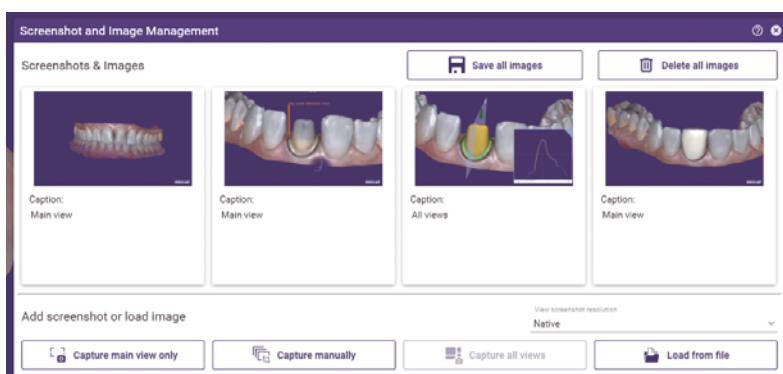


You can now access adaptation features directly from the free-form tab, reducing the need to switch tabs while alternating between frequently used features.

- Includes overview of which adaptation parameters are applied

## Screenshot editor for easy communication and documentation

New built-in screenshot management tools for collecting, editing and tagging screenshots. You can now save the collected information automatically within the scene.

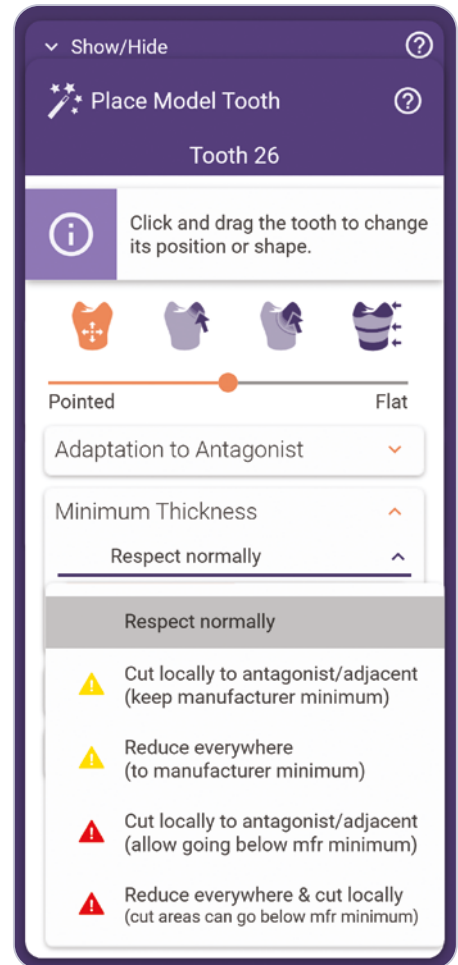


- Capture the whole screen or specific areas, mark and comment on screenshots, and save the collection in the scene file
- Better document patient cases, request changes, and communicate along the treatment journey

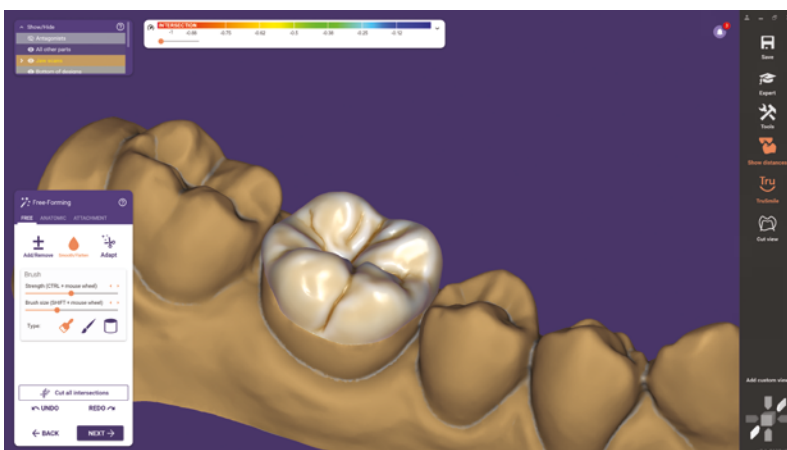
## More flexibility for handling minimum thickness of materials

Easily reduce minimum thickness from within the wizard, considering the antagonist/adjacents, to either the lowest value recommended by the material manufacturer, or even lower than that if allowed by the material configuration.

- Cut locally to antagonist/adjacents when there is not enough space for the antagonist/adjacents available, but you want to minimize unnecessary weakening in unaffected areas of the design

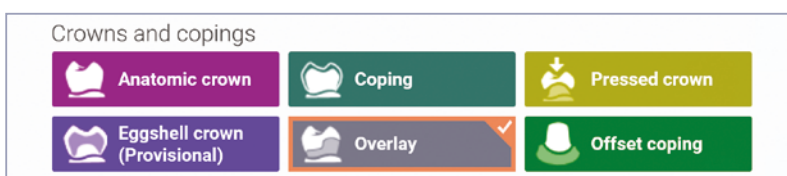


## Improved design of 3/4 Crowns/Overlay Crowns



Easily design restorations combining a crown and an onlay. The overlay crown allows a design on complex preparation margins in combination with a concave preparation shape.

- Crown adaptation greatly improved to preserve tooth shapes

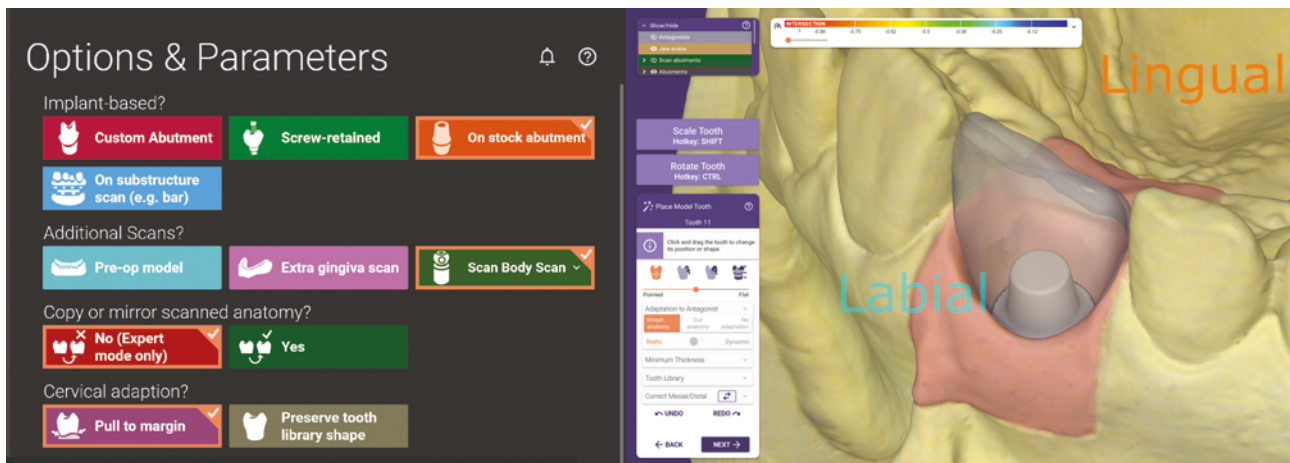


- Better initial proposals of designs for 3/4 Crowns/Overlay Crowns



## Design implant-based restorations from stock abutment libraries

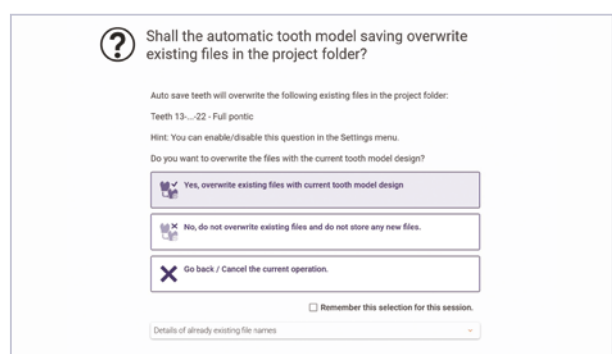
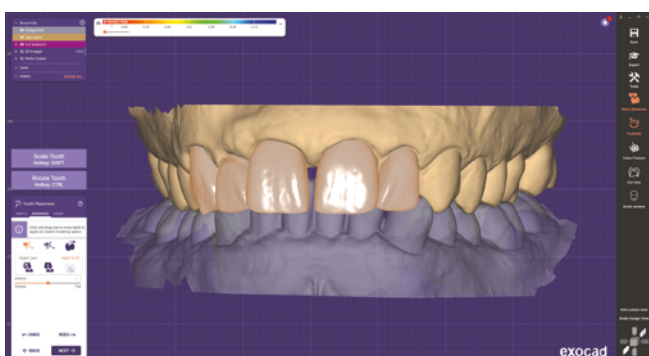
- New design workflow for the use of stock abutments



## Reuse custom tooth setups

Increase efficiency and reuse designs along the patient case journey.

- Use the same shape and setup for a mock-up model, a clip-on smile, a temporary restoration, and the final work
- Particularly useful in conjunction with the existing possibilities for replacing scans or parts of scans like add/remove mesh and extra jaw scan



# Powerful simulations with *Virtual Articulator*

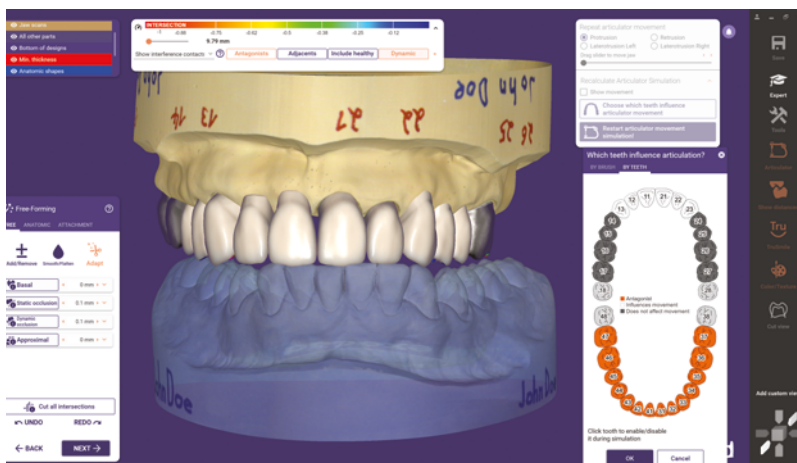


Accurate simulation of more real, physical articulators than any other CAD software\*

## *Virtual Articulator* options integrated in Free-Forming step

The *Virtual Articulator* options can now be changed and applied directly in the single-tooth placement and in the free-forming step for more efficient workflows. Simply select and change the affected jaw in the free-forming dialog box.

- Recalculation of the articulator movement on the fly during the free-forming of the design speeds up the process, especially for designing upper and lower restorations in one go



- Adapt both jaws using dynamic movement simulation with a single click of a button

Requires *Smile Creator* module

\*Data on file

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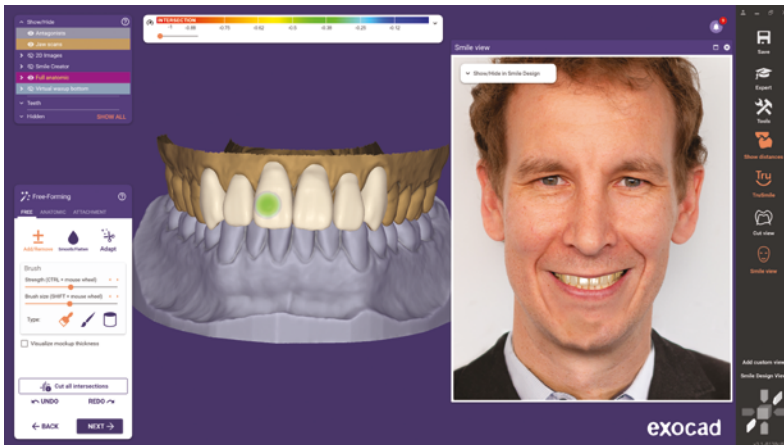
**New vastly improved** *Smile Creator.*

For beautiful smiles your patients will love



## Instant in-face visualization throughout the CAD workflow

A Smile Window is now available for you to see the result of your design within the patient photo in real time.



- Benefit from in-face visualization while using exocad's advanced tools, including chain-mode tooth placement, Instant Anatomic Morphing, and more

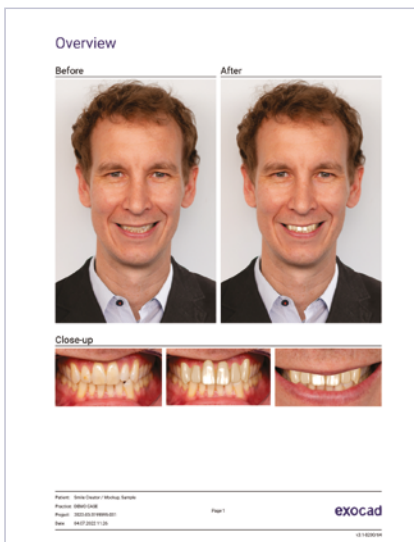
- The Smile Window is a separate window that can be placed independently from the main CAD window, ideal for multimonitor setups

Requires *Smile Creator* module

## New Smile Design PDF report

A Smile Design report generates automatically after using *Smile Creator*, facilitating easier communication between dentists and labs.

- Overview of individual measurements and visualization of the new smile design



### Tooth Design

Outlined Tooth Setup

Measurements	Width (mm)	Height (mm)	Ratio
13	7,59	12,96	1:1,71
12	6,85	10,41	1:1,52
11	8,60	14,64	1:1,70
21	8,47	13,92	1:1,64
22	6,81	11,83	1:1,74
23	7,83	14,30	1:1,83

Close-up

Patient: Smile Creator / Mockup, Sample  
 Practitioner: DTM CAD  
 Project: 2021-03-3199994031  
 Date: 04.07.2022 11:26

Page 2

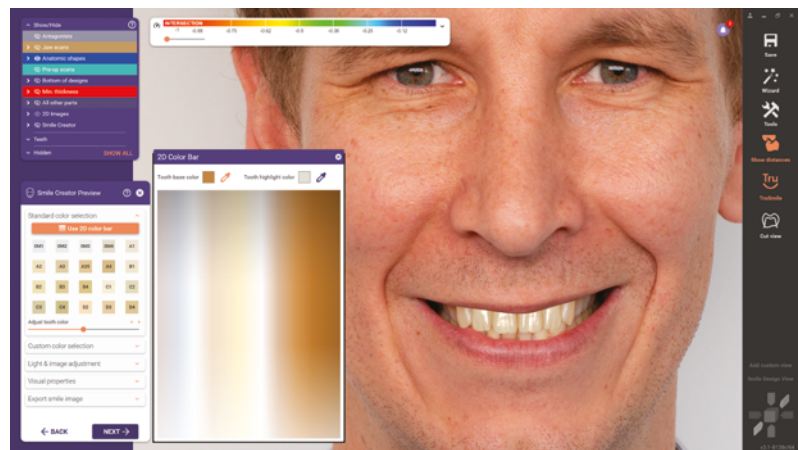
exocad

v3.1.8206.04

## Improved color selection in *Smile Creator*

*Smile Creator* is a popular tool to motivate patients to commit to treatments. It now offers a new color selection to easily visualize exactly the esthetic result the user has in mind.

- Quickly find the right color that matches both your desired outcome and the patient photo
- A new 2D color scale is available, by clicking 'Use 2D color bar' in the color selection step



## Split screen before/after visualization in *Smile Creator*

Slider for easy visualizations of the previous and new smile.



- Combine the previous patient photo and new smile design pictures in the user interface of the *Smile Creator* preview
- Drag the arrows to compare the previous and new smile

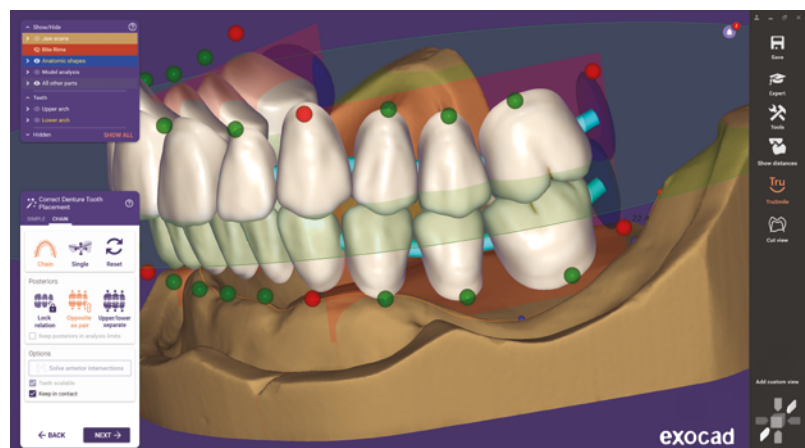
## Improved *Full Denture* design



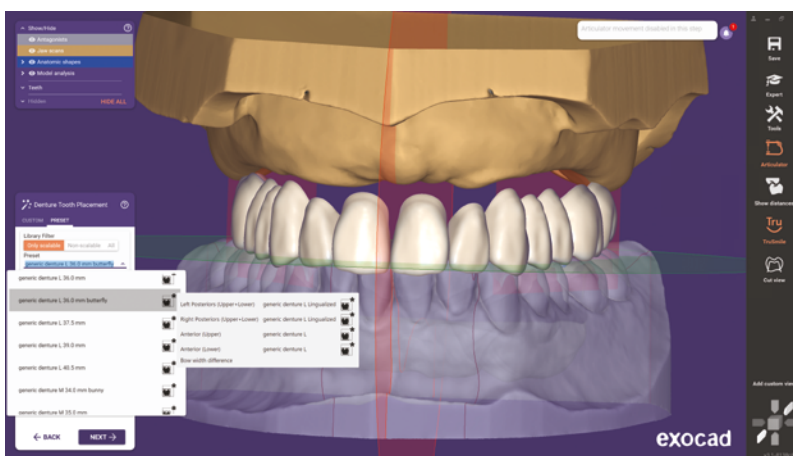
### Individualize posterior denture teeth placement

Customize the full denture tooth placement also in the posterior. Choose one of three options of moving an individual tooth or multiple teeth as a chain.

- More control over denture setups: adjust all individual tooth positions by unlocking the predefined setup of the posteriors
- Upper or lower can be moved together as a single chain for speedy adjustments



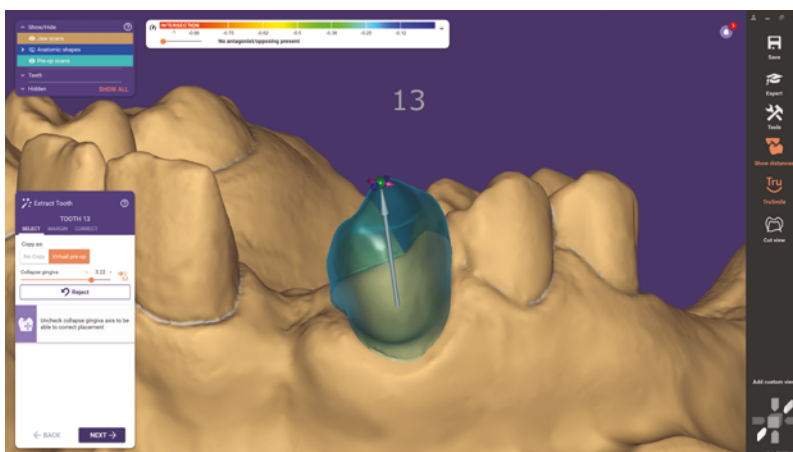
## Use of individual presets now also for single-arch dentures



Individual presets from previous designs can now be used for single-arch dentures.

- Save time by loading predefined tooth setups
- Easily expand the library by saving your individual setups

## Virtual tooth extraction in wizard workflow

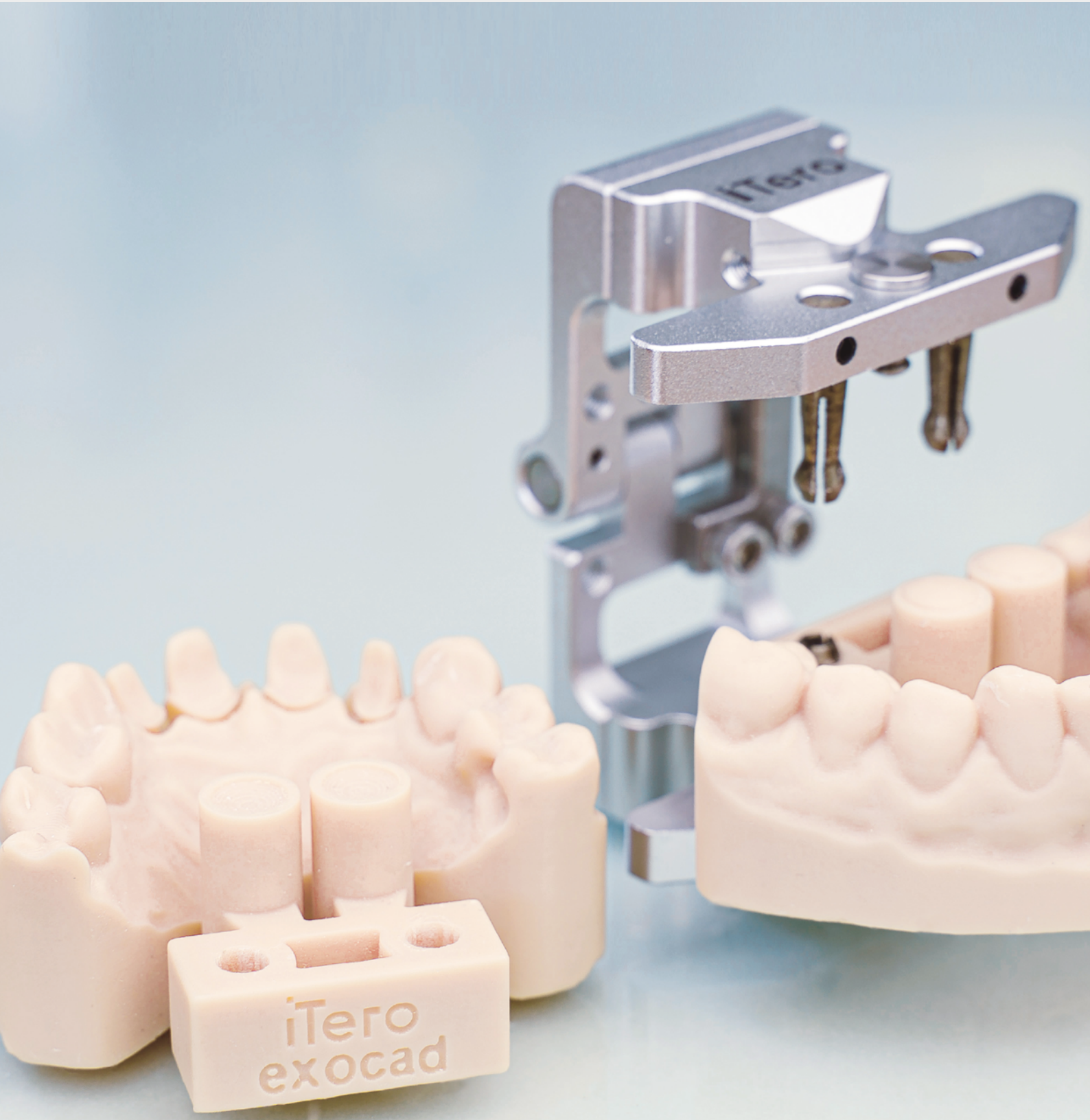


Interim dentures are often created before all teeth in the jaw have been extracted. The guided virtual tooth extraction wizard workflow simplifies the digital creation of the complete denture.

- Guided wizard workflow for interim dentures when residual teeth are still in the jaw

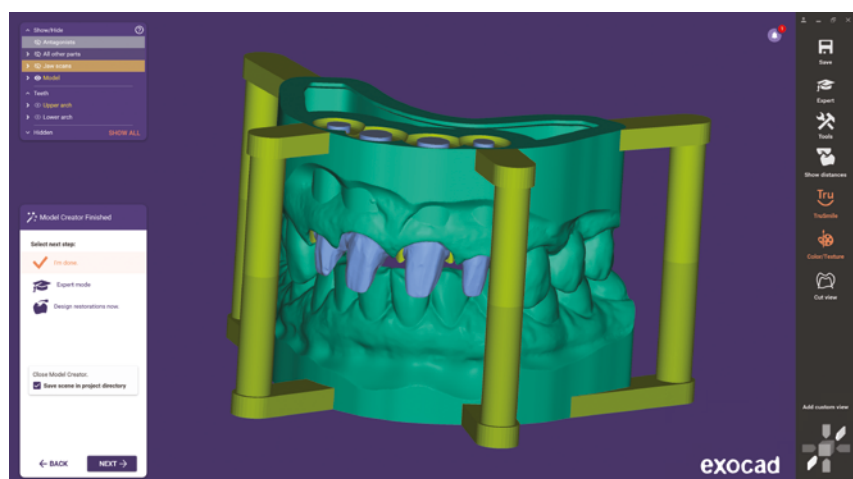
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## More intuitive *Model Creator*





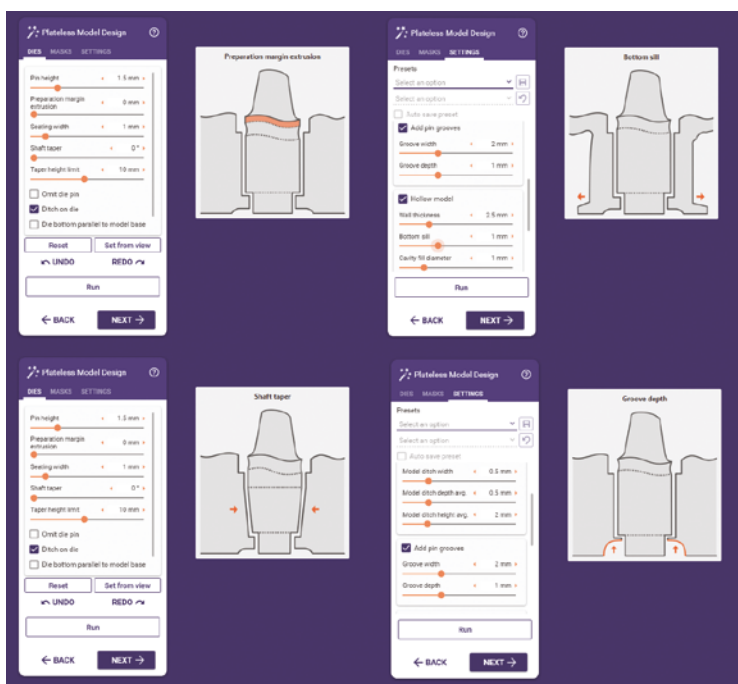
## Quick Models: highly automated model creation



Generate models automatically with minimal user interaction. Depending on the preset, attachments or drain holes are auto-generated.

- Minimal time required to create models
- Choose between three different types of Quick Models to best meet your individual needs

## Parameter settings now with animated illustrations

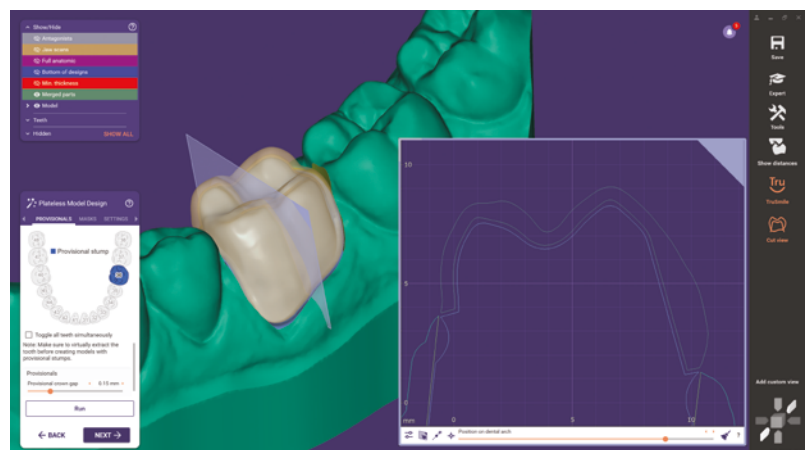


- Easy-to-understand animations improve usability
- Easily get an optimal understanding of how parameters affect the fit of your dies

## Generate virtual stumps that fit the eggshell temporary

For provisional stumps in plateless models, a gap can now be applied relative to the eggshell temporary.

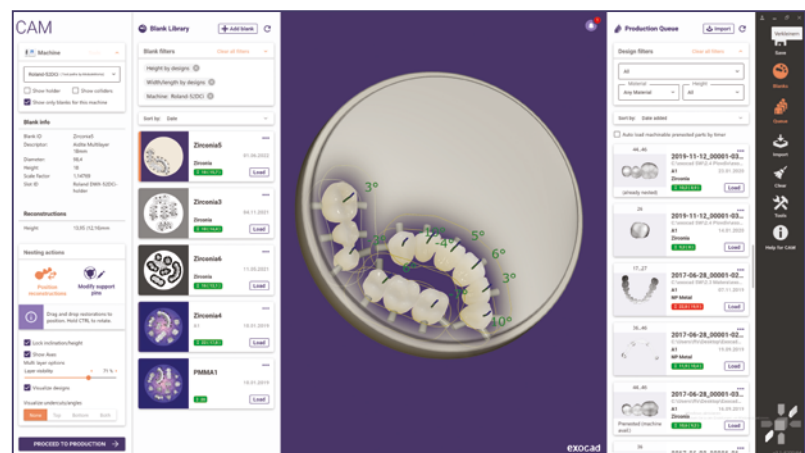
- Provisional crowns easily fit the model with the virtually generated stump
- A tool diameter compensation is applied to the stump, so the milled provisional will fit the stump



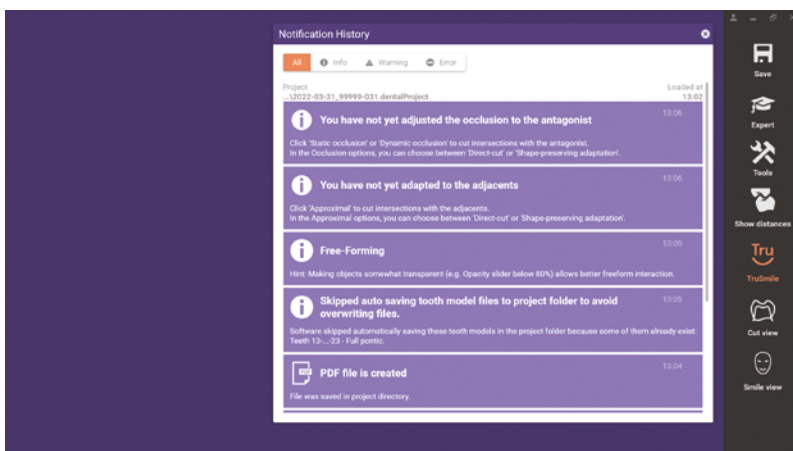
# Modernized CAM user interface

exocad's integrated CAM solution *exocam* has undergone a major redesign and modernization.

- More intuitive production workflow
- The familiar user interface of the CAD application is now also used in the production step
- Improved layout and revamped production queue and blank management



## Further highlight: notification history leads to a better notification overview



Access and retrieve notifications and warnings easily from the notification history.

- Review and check all notifications at any time during the design process
- A small bell at the top-right of the screen indicates the number of notifications

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