WHAT'S NEW ENGLISH

exoplan 3.0 Galway

GUIDED SURGERY FROM ANOTHER GALAXY

exocad

exoplan 3.0 Galway at a glance

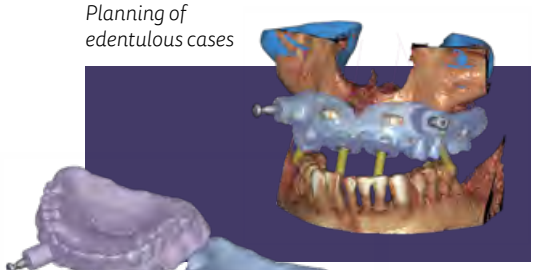
The new *exoplan* is bursting with added features and enhanced tools to increase your wealth of possibilities in guided surgery and further improve patient care.

BETTER

Mastering edentulous cases

- Edentulous case planning
- Easy anchor pin placement
- Denture-based surgical and fixation guide
- Benefit from the dual-scan protocol

Planning of edentulous cases



Denture-based surgical and fixation guide

EASIER

Faster planning, fewer steps, more automation

- Easier implant selection
- Automatic panoramic curve detection
- From smile design to final restorative design – in a single platform
- Improved integration with *DentalCAD* for smooth immediate load workflows
- Improved reports
- New: 3D printer presets

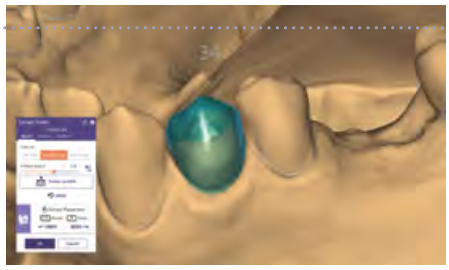
Easier implant selection

Loading Smile Creator design

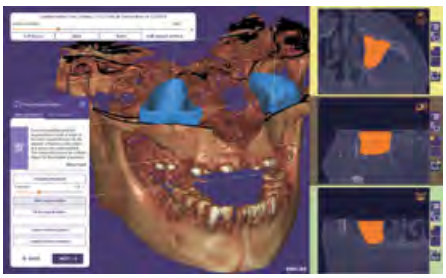
MORE

More tools, features and libraries

- Extended libraries:
  more than 9,000 implants from
  over 80 manufacturers*
- Virtual tooth extraction on optical scans
- Sinus cavity segmentation
- Easy parallelization of implants
  and prosthetic components
- New alignment and
  evaluation possibilities
- New user interface design
- And much more!



Virtual tooth extraction on optical scans

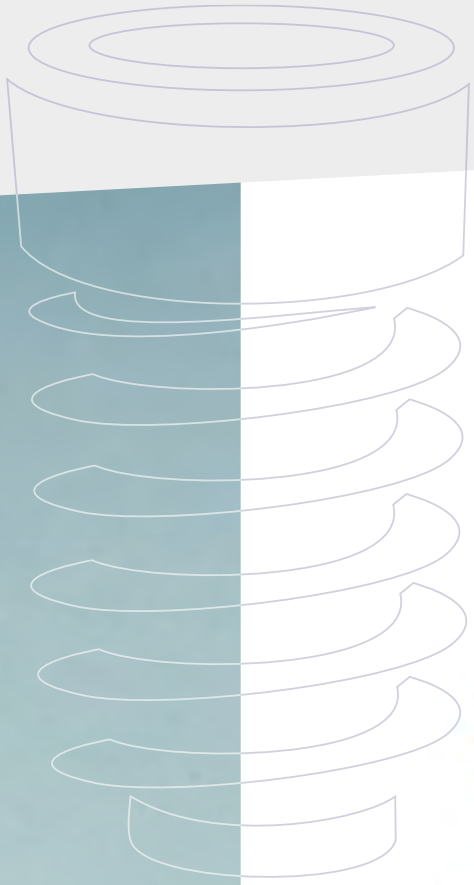


Sinus cavity segmentation

*Subject to local availability

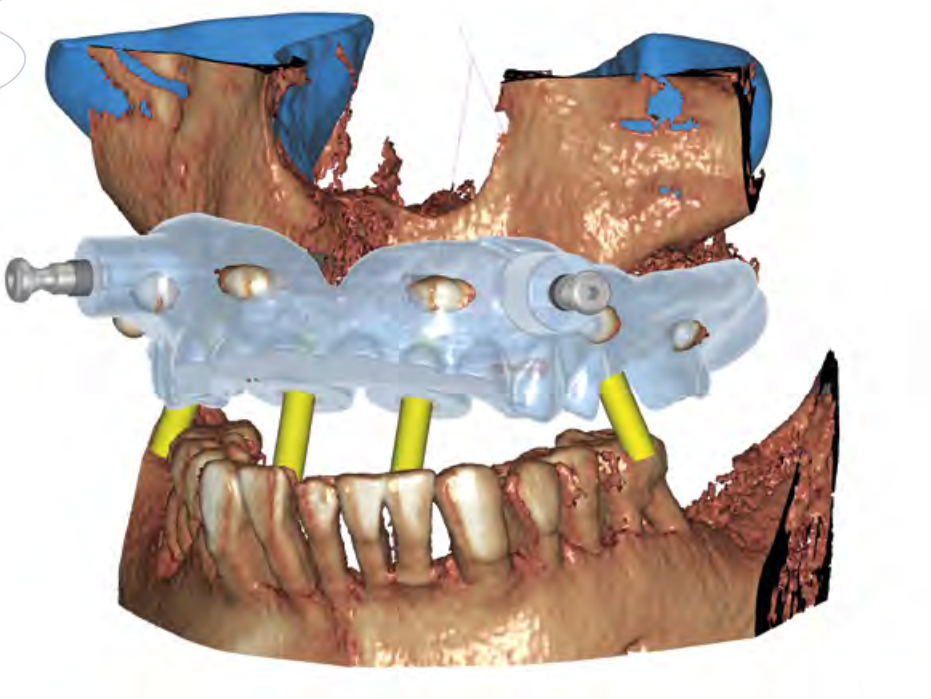
exocad.com/exoplan-galway

Mastering edentulous cases



Edentulous case planning

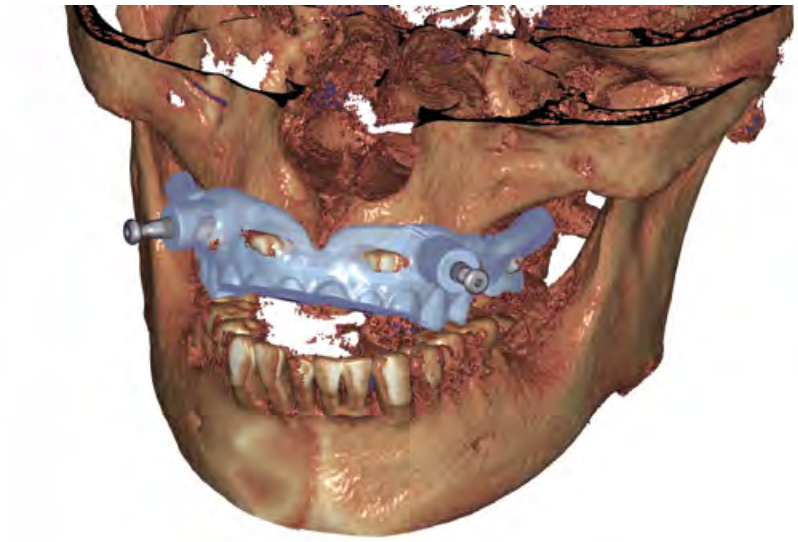
Guided surgery offers precision and predictability. Plan your edentulous patient treatment with implant-supported restorations.



- *exoplan 3.0 Galway* enables you to plan edentulous cases and design the required surgical guides
- New tools aplenty: dual-scan protocol, anchor pin placement and fixation guide are now available
- Automatically parallel implants to prosthetic components or other implants within the plan

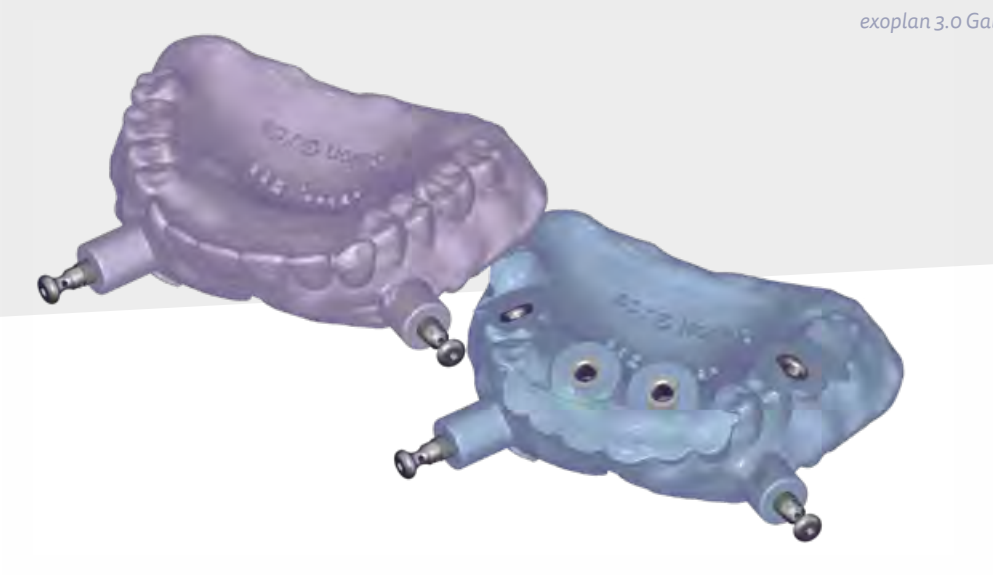
Easy anchor pin placement

The correct positioning of the surgical guide, especially on edentulous jaws, is challenging to implement without additional fixation. Anchor pins help secure the surgical guide on the edentulous jaw.



- Anchor pins can be placed easily and the software alerts you in case of collision with other implants
- The pins can be placed in various types of surgical guides
- The library offers a wide choice of anchor pins, such as:

AlphaBio Simplantology · BIOHORIZONS · C-TECH IMPLANT · KLOCKNER · MIS · Neo Biotech · OSSTEM IMPLANT · S.I.N. · straumanngroup

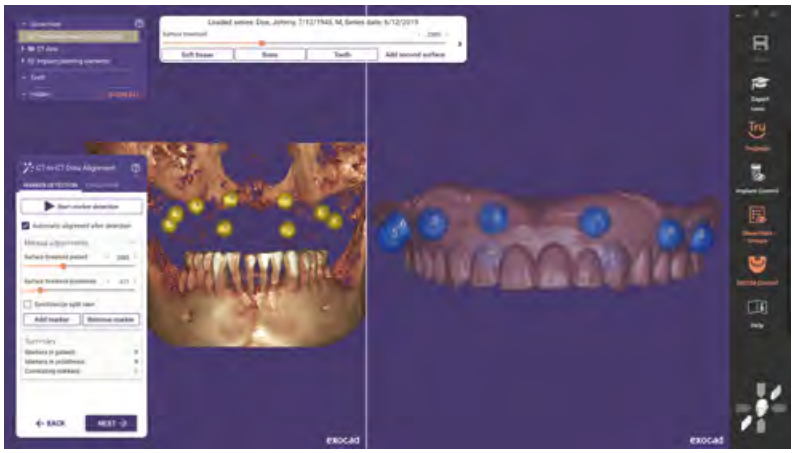


Denture-based surgical and fixation guide

You can now create surgical and fixation guides by duplicating the original denture's design and fit.

- Save time and improve the fit of the guide: surgical guides can be freely designed and optionally based on the shape of a denture
- Selected cases may not require an extra fixation guide – the surgical guide can be used as fixation guide

Benefit from the dual-scan protocol

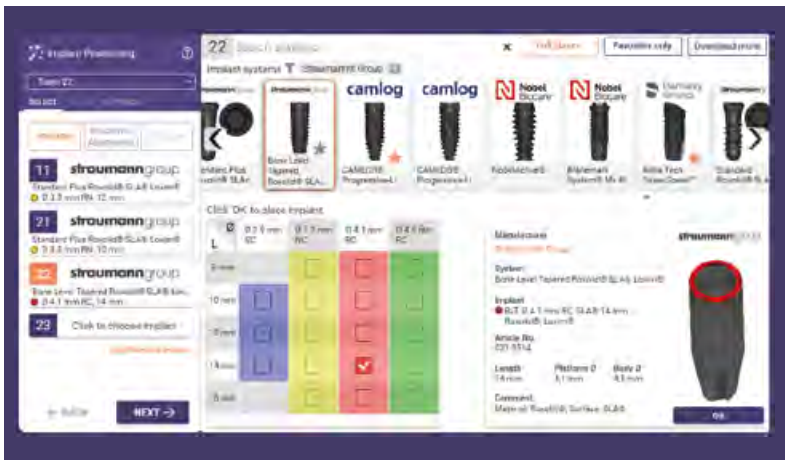


- Load and align two CT or CBCT scans
- Automatic detection of radiopaque markers
- Optional optical scans

Align two CT or CBCT scans with the dual-scan protocol: one of the patient wearing a radiographic guide and one of the radiographic guide alone. This enables planning of edentulous cases. Patients with existing dentures do not require any analogue or digital impression of the jaw, as the existing denture can be used.

Faster planning, fewer steps, more automation

Easier implant selection



- Fast: text-based search helps filter by implant system, manufacturer, and more
- Visual: manufacturer logos, interactive 3D implant preview and color codes
- Overview: all installed implant systems with available length and diameters for easy selection

Navigate through the comprehensive implant library with rapid search and efficient filtering to quickly find your implant of choice.

Automatic panoramic curve detection

For an even faster and smoother workflow, the software now offers automatic panoramic curve detection.

- More efficient automation enables faster workflows
- Software automatically detects the jaw in the CT slice and defines the panoramic curve
- The adjustment of the curve is flexible and easy

From smile design to final restorative design – all on one platform

Impress your patients by directly presenting your *Smile Creator** design from within *exoplan*. Discuss the implant case and increase patient engagement.

Directly load

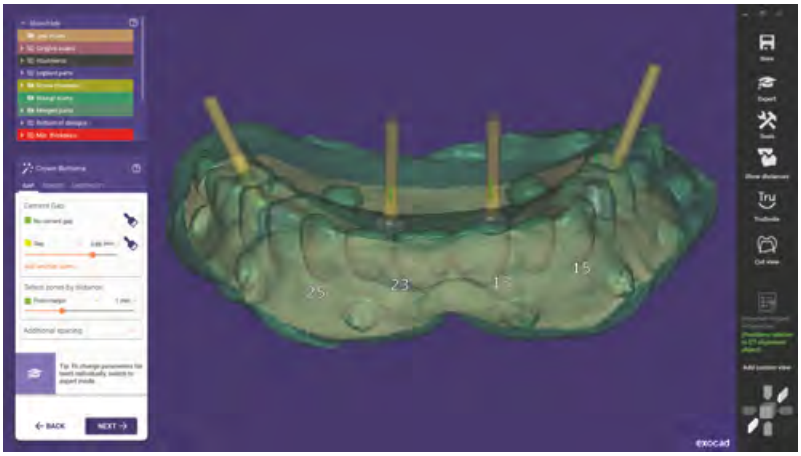
- Seamless integration with *Smile Creator* enables you to have the entire digital solution in one platform
- Allows for restoratively-driven implant planning of implant cases

* *Smile Creator* is available seperately.

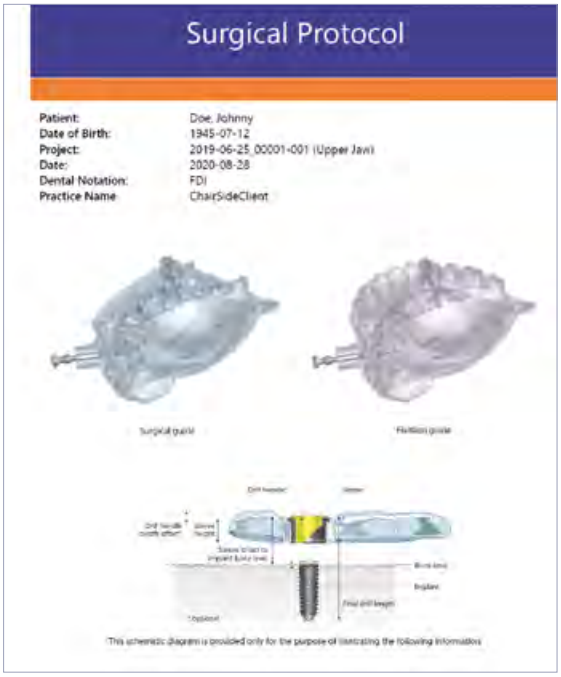
Improved integration with *DentalCAD*

exoplan 3.0 Galway offers a smooth integration with *DentalCAD*. The immediate load feature, popular for provisionals, has been further improved: The original prosthesis scan is now automatically loaded into *DentalCAD*, enabling a model-less workflow.

- Use the original prosthesis data as pre-op model
- No need for additional stone models: use the base of the prosthetis as your model



Improved reports



The important implant planning and surgical reports are easy to understand while containing even more helpful information.

- Helpful information about selected implants, sleeves, kits and anchor pins
- Includes color codes from manufacturer
- Final drilling step information including detailed drill information
- Overview images of designed surgical and fixation guide

New: 3D printer presets

Easy: Thanks to optimized 3D printer presets your surgical guides will fit right out of the box.

- Presets for 3D printers such as NextDent, Formlabs, EnvisionTEC, Asiga, and many others
- Printer presets cover sleeve mounts, anchor pin mounts and surgical guide bottom generation
- Load, define and save presets quickly and easily
- Adjust the presets individually

More tools, features and libraries

We are constantly building out our partnerships. Find the latest list here:

Please note that some libraries detailed on this page may not be regulatory cleared, released or licensed for sale in all markets.

Extended libraries

At exocad, we have made it a priority to create the largest possible implant library. The constantly growing implant and surgical guide libraries for implant planning, guide design, and prosthetic components are available to all users with a valid license at: exocad.com/exoplan-libraries

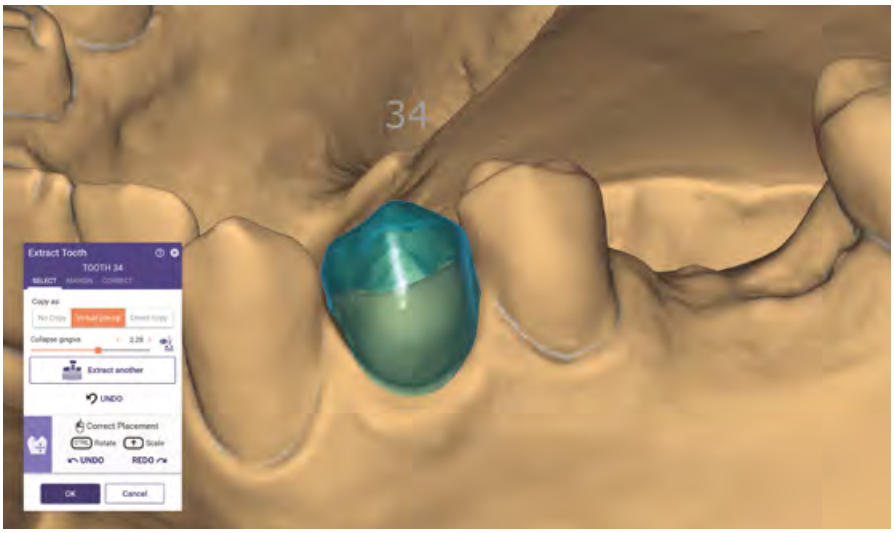
Increased number of library systems:

- Over 550 implant systems with more than 9,000 implants from over 80 manufacturers*
- More than 160 surgical sleeves, 60 drill kits and 27 fixation pins from over 35 manufactures
- Prosthetic components from our extensive library, such as titanium bases and multi-unit abutments can be visualized during planning

*Subject to local avilability

Virtual tooth extraction on optical scans

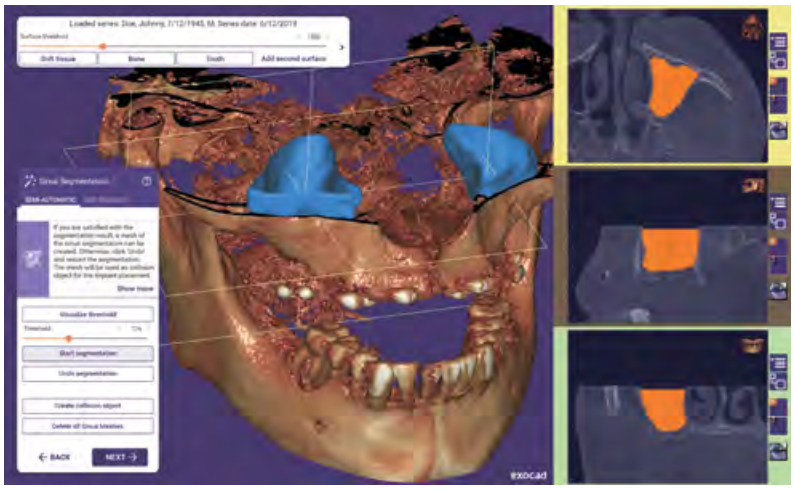
When implant planning and surgical guide design takes place before residual dentition is extracted, *exoplan* now offers virtual extraction on the optical scan, simulating the subsequent oral situation. This creates the necessary space for designing the surgical guide.



- Quick, easy and robust extraction
- After selection, the tooth is automatically extracted from optical scans
- User-defined adjustment of expected gingiva collapse after extraction: quickly and easily change the shape of gingiva in the area of the extracted tooth
- The virtually extracted tooth can be used as a preoperative reference during the treatment plan or for the restorative design

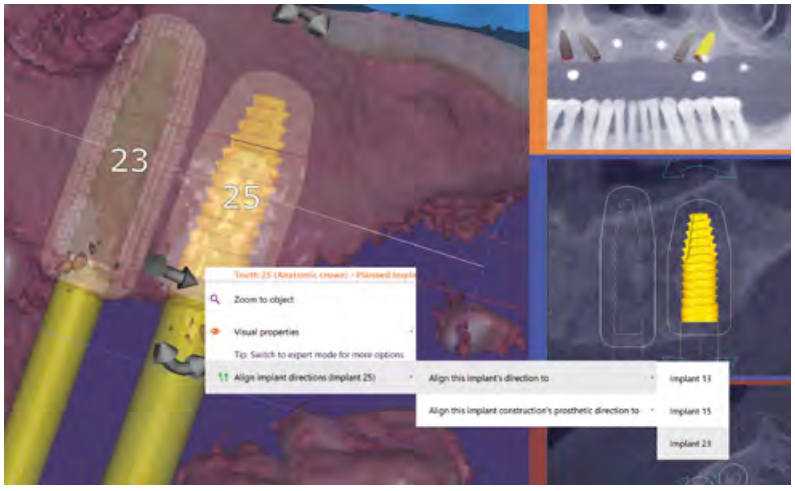
Sinus cavity segmentation

Identify sinus cavities and protect them from potential injury during surgery.



- Easy alignment tools provide an excellent result with just a few clicks; some cases may require manual adjustment
- Quickly mark sinus cavity and check if implants are intruding
- Easily edit the detected cavity by free-forming in order to shape the sinus cavity according to the treatment plan, e.g. for a sinus lift

Easy parallelization of implants and prosthetic components



Selectively parallelize implants to easily achieve esthetic and functional solutions in complicated or larger cases.

- Maximum flexibility: Automatically parallel any implant to prosthetic components or other implants
- Load multi-unit, ti-base, or stock abutments to evaluate the depth requirements and visualize the prosthetic's insertion direction during planning

More tools, features and libraries

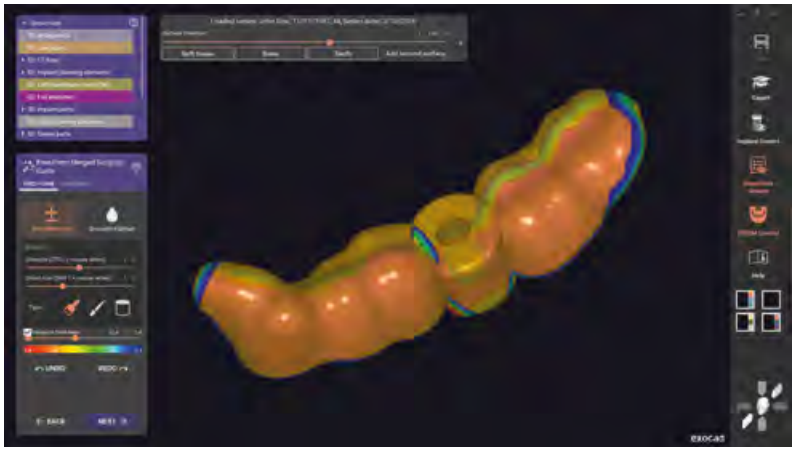
New alignment and evaluation possibilities

exoplan's algorithmic alignment of models and CT data is typically very precise and reliable. In certain cases, e.g. when CT images with many scattering artifacts are used, manual adjustment of the alignment may help.

- New tools to manually adjust models to CT scans
- 2D cross-sections to support evaluation of alignment accuracy

New user interface design

The fresh user-centered design makes digital interaction as simple, fluid, intuitive and efficient as possible.



- Inspired by Google's Material Design*
- As easy as using an app on your smartphone
- New dark mode available

* Google is a trademark of Google Inc.

Additional features

The new *exoplan 3.0 Galway* contains even more exciting tools and features.

- Mesh repair and freeform tools for extracted or loaded prosthesis meshes
- Matching tool for aligning meshes
- And much more!

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