



Designing Study Models

Design Suite

Powered by
exocad

Creating Solid Models Using Itero Design Suite


iTero™ Design Suite

Review. Design. Produce.

Production software
No installed production device found.

Order details

3D preview Media



Scan Model CAD

Patient: Erik, Mendelsohn
Order ID: 143410691 Scan date: 06/11/2023

Edit order details Open in folder

Design and model

Design

Material configuration for CAD

exocad Generic/3D Print Default

Design

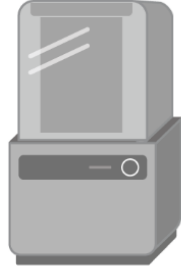
Model Creator

Material configuration for models

exocad Generic Default

Create model

Production



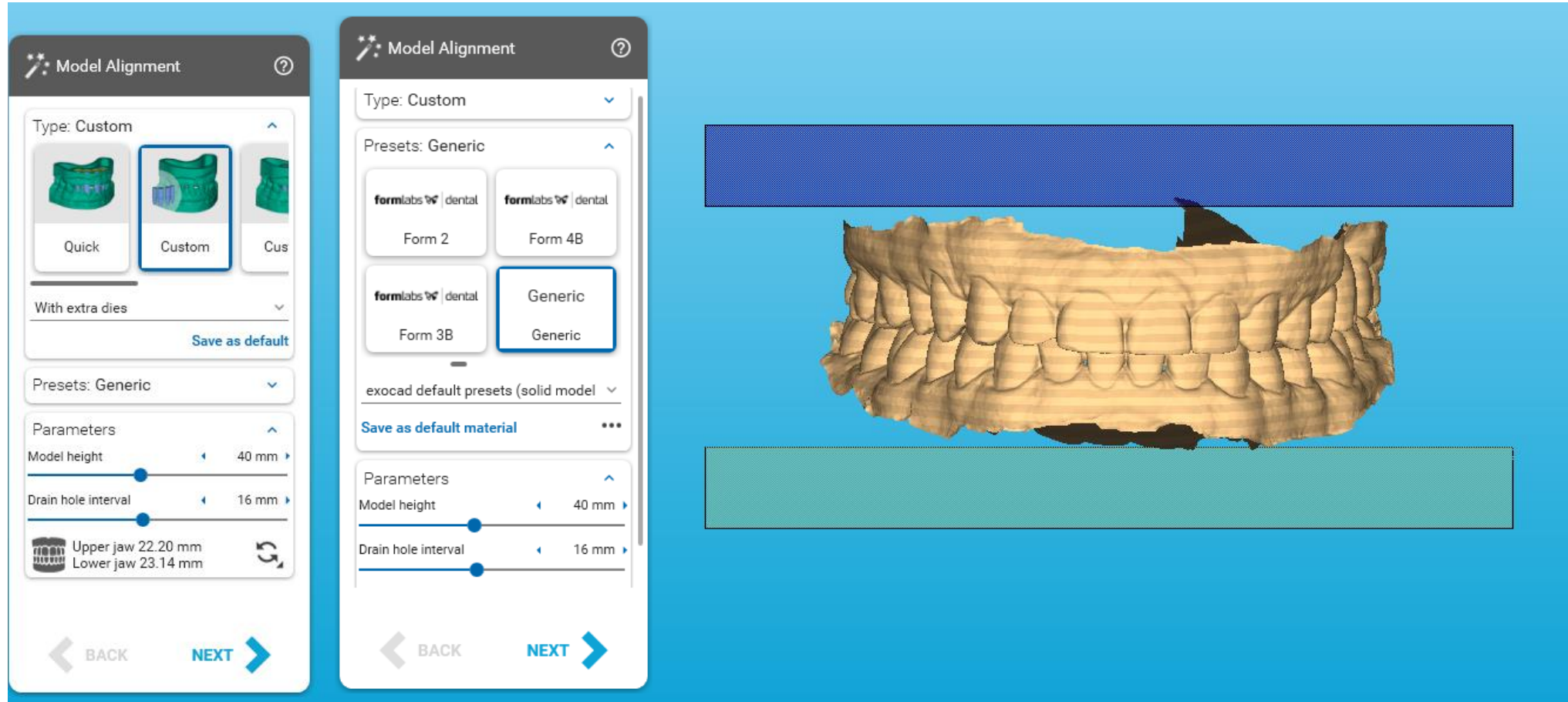
Produce

Study Models/Whitening trays

- Use Custom>>for study models as this does not automatically add supports pins.
- Add attachments to make print removal easier.
- Remove the palate to improve the suction effect during fabrication in scan data edit or or add holes later in Chitubox.

Study Model Settings

Choose Custom>>Exocad Generic>>Solid Defaults



Edit Scan Data

- Trim any excess material that is not needed
- Cut out the palate if you are making whitening trays to improve suck down process. This also saves resin.



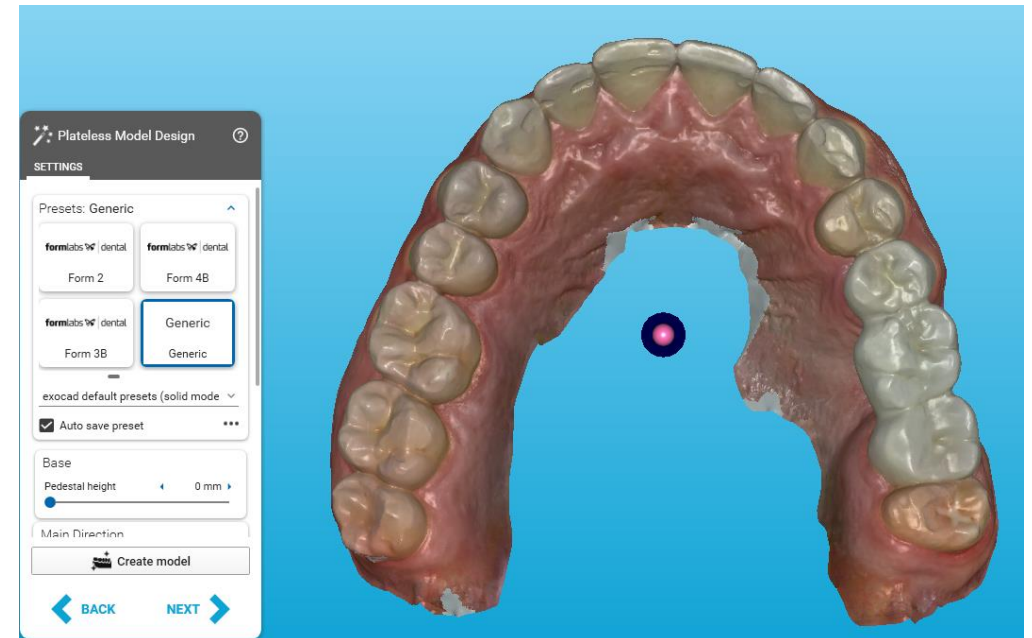
Toggle Tooth Dies

Click.. Next, since we are not actually toggling any dies.



Plateless Model Design-

- Tip: Click next unless you change settings or orientation. If you do, click Create Model. Otherwise, it will automatically generate the model when you hit next.



Attachments: Adding a 3D Print Chamfer and Drain holes

- Add a print chamfer in the back of the model to make it easier to remove the model from the build plate. Add a print chamfer on the back of the model to make it easier to remove from the build plate with a metal spatula.
- Add drain holes around the edges of the model. This creates grip points for removal and prevents excessive suction in the initial layers of the print.
- Add Text if desired prior to hitting next.

Model Attachments

ATTACHMENTS TEXT

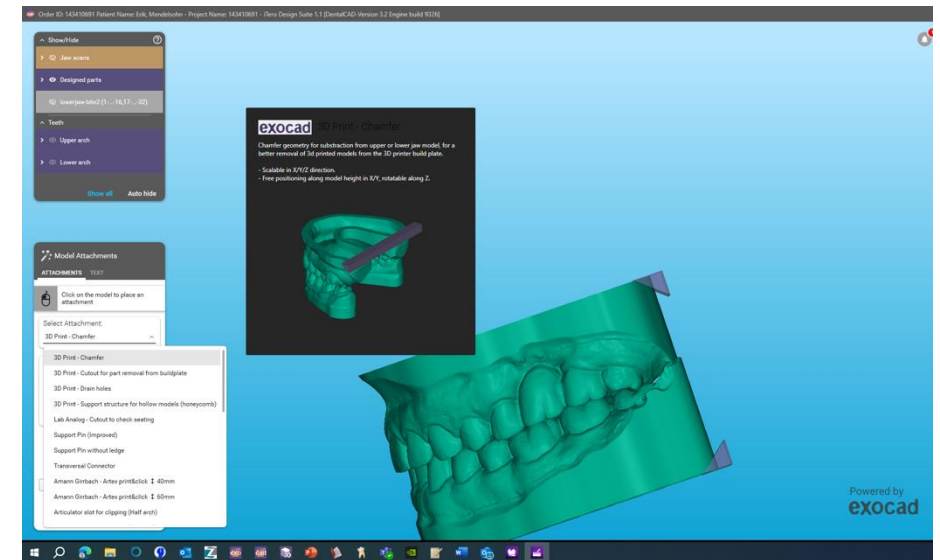
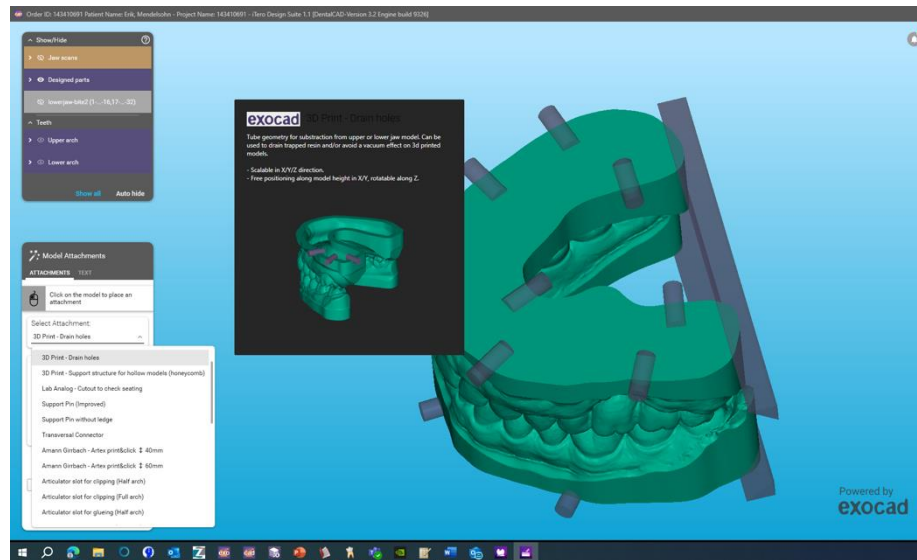
Click on the model to place an attachment

Select Attachment:
3D Print - Support structure for hollow

Scale 100 %

Delete all attachments

BACK NEXT



Click I'm Done and Open in Folder to Print.

