

Module SIM 3D - Details

Sim3D Register

1. Open the module "Sim3D Register" with a segmented tooth model
2. Complete the dataset with x-ray images or volume data
3. Segment bone object into maxilla and mandible bone
4. Define volume objects as maxilla, mandibula and soft tissue
5. Register imported data on the tooth model by defining registration points and clicking "Align"
6. "Optimize Alignment" for the segmented and classified volume objects
7. If any of the required objects ("Finding Status") are missing, replace them with dummy objects
8. Define jaw axis
9. Export the combined data set and open in Sim 3D

See also:  [Modul-Handout Sim 3D - Register](#)

Sim 3D

1. Open planning menu with right click on timeline in the module "Sim3D"
 2. Create segmentation steps on timeline
 3. Place segmentation plane on object with right click
 4. Move segmentation plane with object navigator
 5. Specify orthodontic and/or surgical treatment steps on the timeline
 6. Move teeth or bones with object navigator
 7. Check tooth movement and various measurements in upper toolbar
 8. Optionally choose an analysis to visualize
 9. Use the occlusion finder to define the planning goal
 10. Set a free rotation center for selected objects with SHIFT + right click
 11. Optionally display the animation of soft tissue deformation
 12. Export the teeth as separate finding to compute a surgical splint in the module "Waefer3D"
 13. Define print information per planning step in panel below timeline
 14. Save the project and optionally also a finding with animation
-

From:
<http://www.onyxwiki.net/> - [OnyxCeph³™ Wiki]

Permanent link:
http://www.onyxwiki.net/doku.php?id=en:treatment_simulation_3d_details

Last update: **2023/06/06 16:22**

