PROGRAMMING THE VIRTUAL ARTICULATOR IN CEREC

Using SICAT Function and the 3D x-ray scan of a stone model | QUICK GUIDE | English
You can measure the parameters required for programming the virtual CEREC articulator in SICAT Function. For this purpose, you must have recorded the following movements for the patient using SICAT JMT⁺: Guided opening movement, protrusion movement, laterotrusion to the left and laterotrusion to the right. You can enter the values in the "Programming the Virtual Articulator in CEREC" form, which you can download from the SICAT homepage.

1. In the Volume Alignment dialog, horizontally align the occlusal plane such that the radiopaque fiducial markers are in a horizontal line in the Panorama view. Use the reference grid for orientation. Then, click OK.
2. Next, switch to the TMJ workspace.
5. Under Active Jaw Relation, select Protrusion Movement from the drop-down menu, enlarge the sagittal view and adjust the crosshair.
6. Use the Angle Measurement Tool in the sagittal view right to measure the Sagittal Angle Right (see Figure 3.1).
7. Use the Angle Measurement Tool in the sagittal view left to measure the Sagittal Angle Left (see Figure 3.2).
8. Under Active Jaw Relation, select Laterotrusion to the Left from the drop-down menu, enlarge the axial view right and adjust the crosshair.
9. Use the Distance Measurement Tool to measure the Immediate side shift right (see Figure 4.2).
10. Write down the respective values.
11. Under Active Jaw Relation, select Laterotrusion to the Right from the drop-down menu, enlarge the axial view left and adjust the crosshair.
12. Use the Angle Measurement Tool to measure the Bennett Angle Left (see Figure 5.1).
13. Use the Distance Measurement Tool to measure the Immediate side shift left (see Figure 5.2).
14. Write down the respective values.
15. In the CEREC software configuration, select the Articulation dialog under Parameters.
16. Manually enter the values measured in SICAT Function into the CEREC articulator.