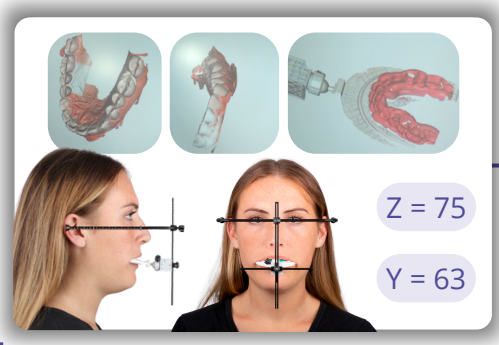
OneBite® evolution

DIGITAL MOUNTING ADAPTER PROTOCOL

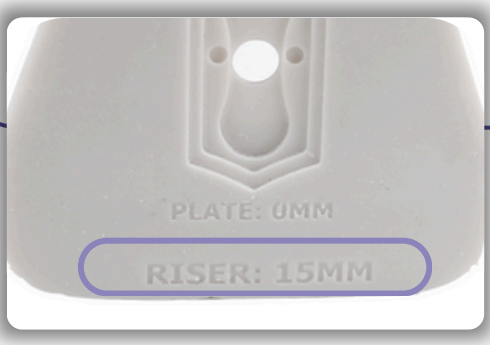


1 Upload the patient's upper, lower, bite, and OneBite cube scans. Also, upload the photos of the front and side of the patient with the OneBite Evolution. Enter the baseline (Z) and midline (Y) value in the Rx form along with the type of articulator you're using and the other requested information to the digital portal on our website.

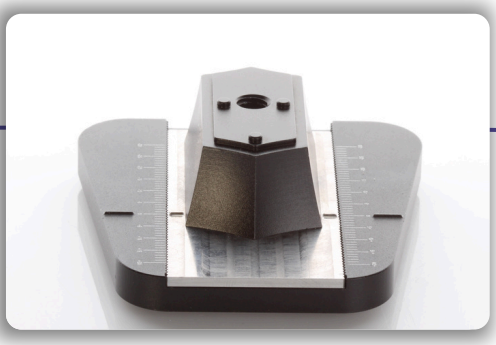
2 Print the upper and lower files. These files are already equipped with supports, so no additional supports are necessary. If your printer indicates otherwise, try a test print with the provided support before adding custom supports.

3 If additional supports are required, they should be placed on the bottom, avoiding the precision attachment pattern to prevent distortion.

4 The supports on the bottom of each model can be easily removed by firmly holding the model and snapping the support plate away.

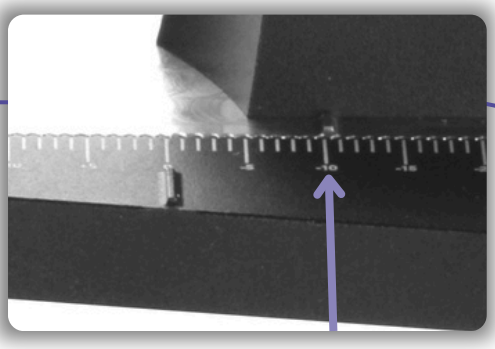


5 Each model will have a riser number printed on the bottom. This will correlate how many risers you will add to the corresponding upper or lower adapter.



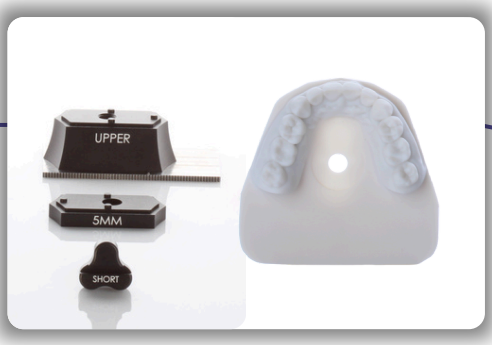
6 Place the upper and lower adapters on the articulator plates. Align the raised steel base lines to the raised plate lines at 0. Also, check that the front of the adapter base is flush with the edge of the articulator plate.

7 If the models show a number next to “plate”, you will align the raised line on the steel base of the adapters back or forward to the articulator plate measurement .



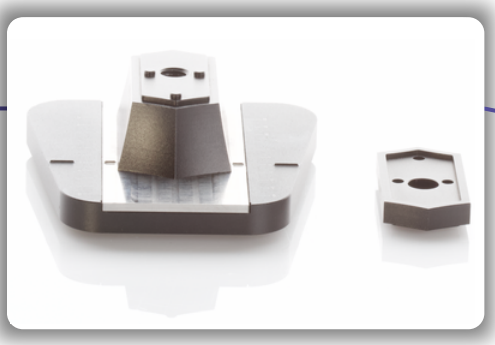
8 For example, if the models show Print: -10mm you will place both the lower and upper adapters aligned with the -10mm marking on the adapter plates. You can do this by positioning the raised lines from the adapter steel base to the number on the articulator plates.

9 Once the adapters are correctly aligned on the articulator plates, continue to the next step.



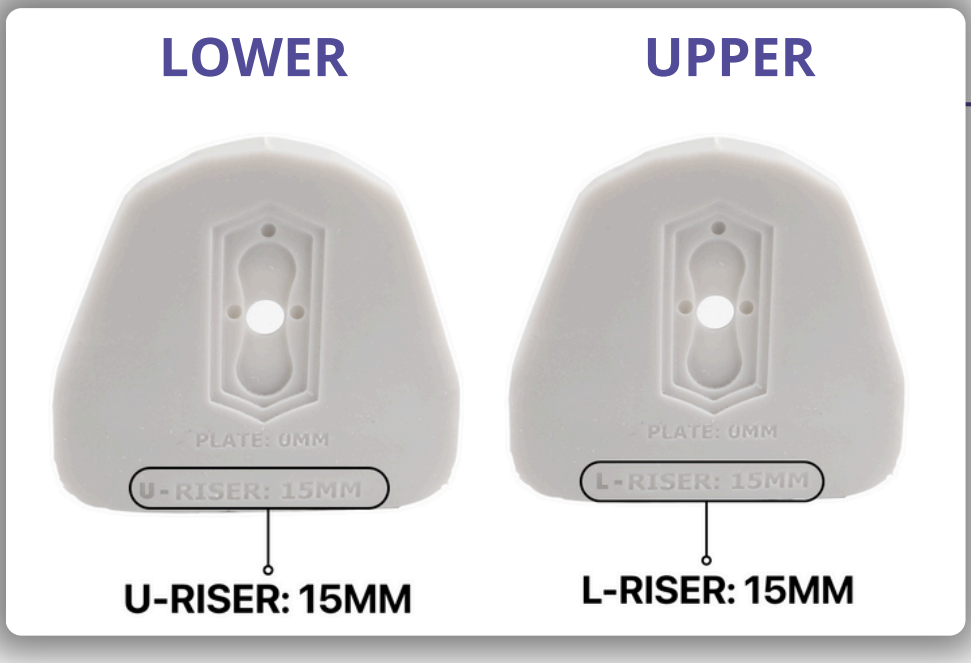
10 Refer to the risers needed on the bottom of the Upper arch. In this case, the upper requires a riser of 5mm.

11 Refer to the risers needed on the bottom of the Lower arch. In this case, the lower also requires a riser of 5mm.

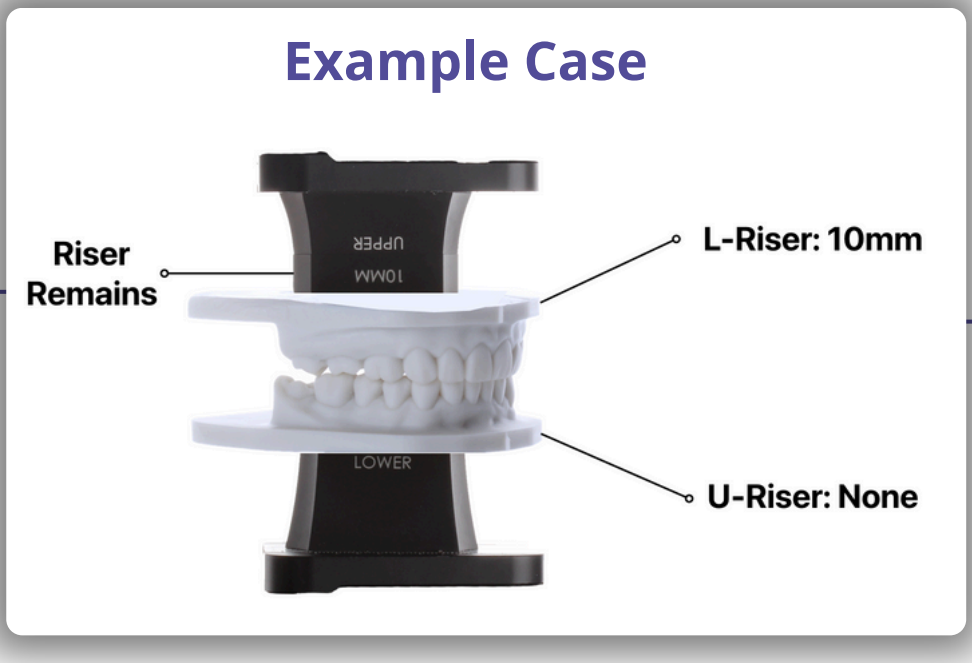


12 Place the amount of risers marked on the bottom of the upper arch to the upper adapter and the number of risers marked on the lower arch to the lower adapter. Attach the risers by matching the pins to the holes in the riser.

Important to Note

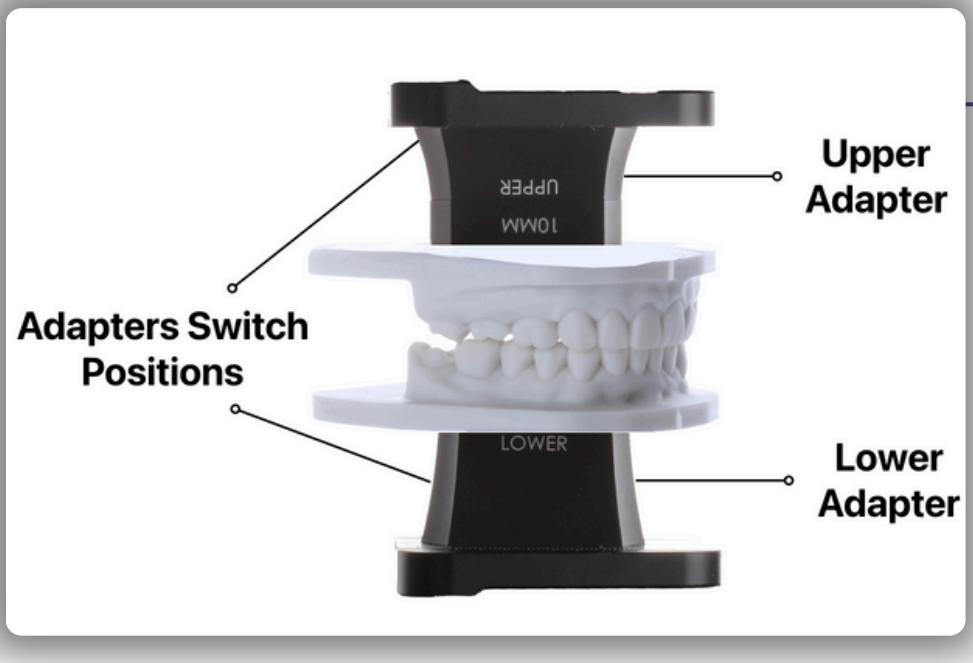


i. If the lower and upper 3D print models have a "U" or "L" before the riser number, the adapters need to be switched, placing the lower on the upper member of the articulator and the upper on the lower. This will be indicated by the team when the files are sent, or the bottom of the arches will be labeled with "U-" or "L-" before the riser text. The riser amounts will remain correct for each corresponding arch.

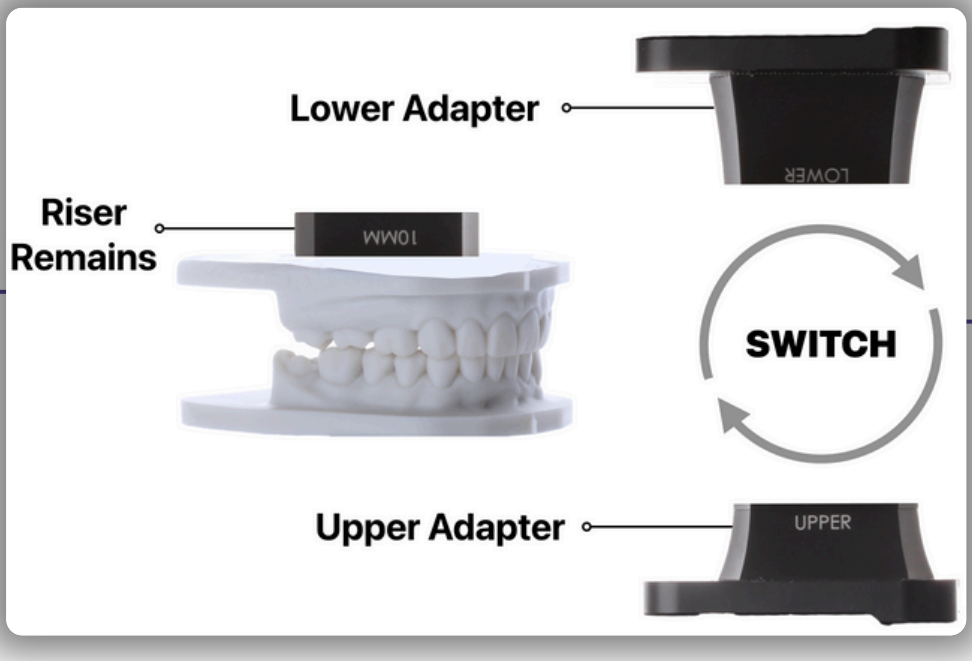


ii. In this example, the upper model reads "L-Riser: 10mm" and the lower model reads "U-Riser: None." The riser amount remains the same; only the adapters will change. Switch the magnetic lower adapter with the upper adapter.

Important to Note

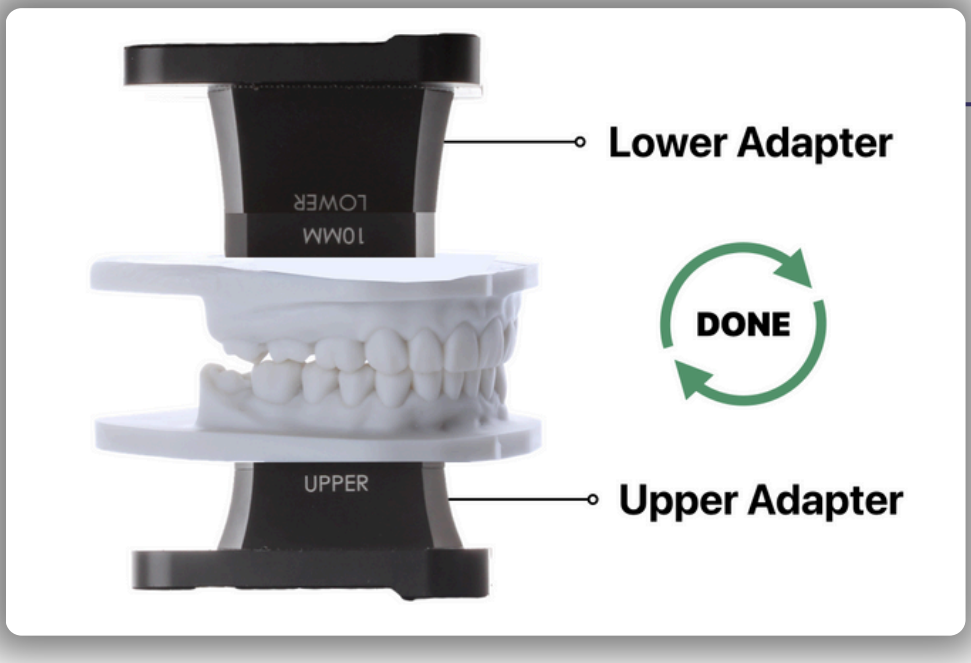


iii. As you can see this is ***incorrect***, as the upper adapter is on top and the lower adapter is on the bottom. Since the upper model has an "L" before the riser number and the lower has a "U," they need to switch positions.

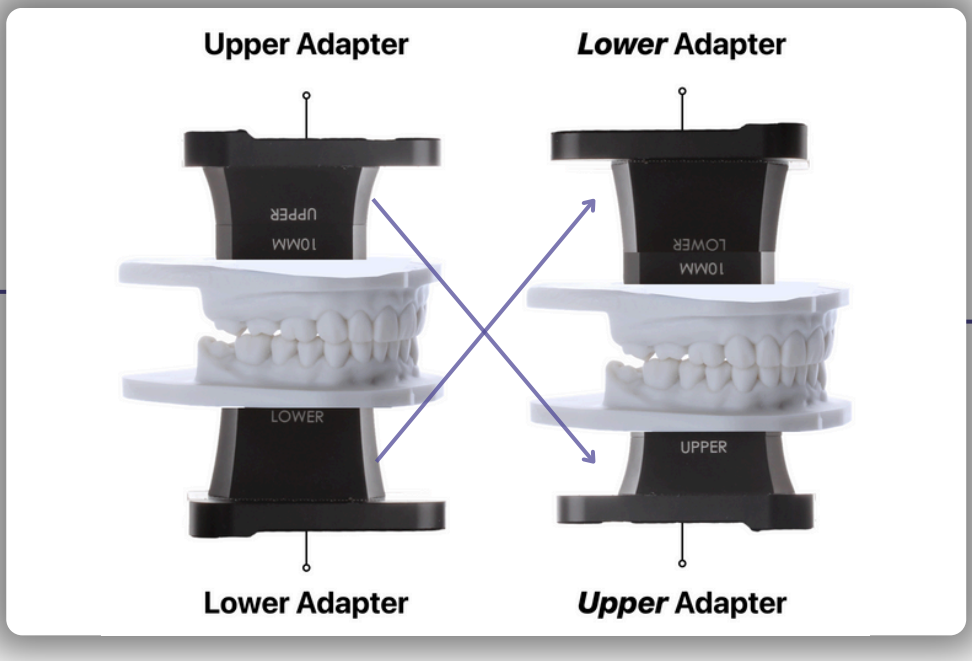


iv. Switch the upper and lower adapters to ensure the correct placement of the print for this specific case.

Important to Note



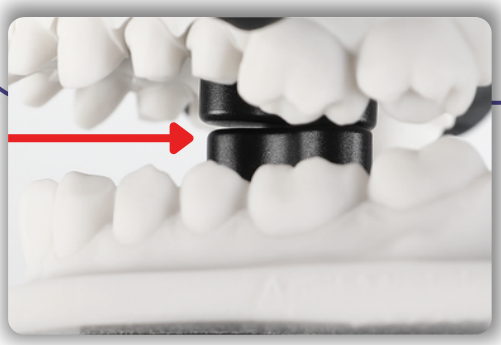
v. The adapters are now correctly positioned for this case, with the lower on top and the upper on the bottom.



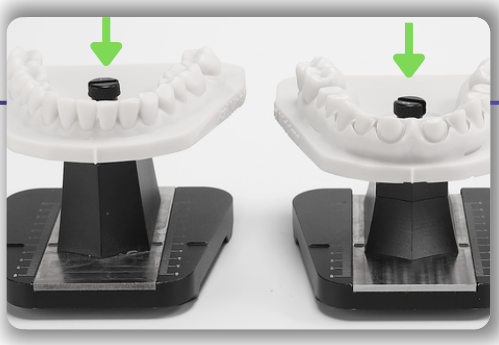
vi. This applies only to cases where the upper model riser text has an "L" and the lower model text has a "U" on the 3D print.

13 Once aligned, secure the models using the screws. Typically, the long screw is used for the lower adapter and the short screw for the upper adapter. However, there may be cases where they will alternate. The small dent screws are used in the case that the bigger screws don't allow the model to close down fully.

14 Secure each upper and lower model to the corresponding adapter. To do this, you will match the pins into the pattern on the 3D print.



15 Ensure the models fully close without interference from the screws. If they don't close, switch to the smaller dent screws.



16 The small dent screws can be secured just like the larger ones. If needed, use the flathead screwdriver notch on top to tighten them further.

17 After switching the screws, the model will fully close.

18 Place the lower model into the lower member of the articulator by the magnetic articulator plate. You will repeat this process for the upper member. Your case is now articulated in the true maxillary arch position provided by the digital OneBite Evolution record captured by the clinician