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MOUNTING IN CENTRIC RELATION USING ARTEX® ARTICULATORS

1. Mount upper model as usual, using bitefork from facebow registration as reference.

2. Note the measurement in millimeters that the dentist has written on the leaf wafer accompanying the models. (This measurement refers to the amount of disclusion according to the sliding guide used during centric relation determination). Multiply this number by:

    1.5 if the upper model is mounted towards the incisal pin of the articulator

    2 if the upper model is centered in the articulator

    3 if the upper model is mounted towards the hinge of the articulator

3. Lower the incisal pin by the number calculated in Step 2. This will open the articulator slightly.

Note: This means that you can mount in CR only if you mount the lower model using an articulator with an adjustable incisal pin. Therefore, the "Mounting Unit" cannot be used unless its incisal pin is replaced with an adjustable pin.

4. Mount the lower model, with the incisal pin locked in this position and the articulator locked in centric, using the leaf wafer to establish the position with respect to the upper model.

Stabilize the lower model by pressing down on the center, and the holding it in place with your fingers on the left and right side during the mounting procedure.

5. Remove the leaf wafer.

6. Loosen the incisal pin. While the articulator is locked in centric, close the articulator until the models make contact. Drop the incisal pin so that it makes contact with the table.

7. Note the number indicated by the reference line on the incisal pin -- this is the "Centric Relation (CR) value".

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8. Lift the incisal pin, and unlock the centric lock.

9. Move the models into "Centric Occlusion (CO)".

10. Drop the incisal pin, and note the number indicated by the reference line on the pin.

Write this number down. This number is the "**Centric Occlusion (CO) value**".

11. Equilibrate the models, grinding upper buccal and lower lingual. Continue the equilibrating process until the incisal pin shows the "CO value". This means that the models are now in maximum intercuspation, or the CR equals CO.