

# The Protar Articulator and the Arcus Digma

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With all the emphasis on cosmetics today, we seem to have lost touch with the need for articulation. This lack of interest is due primarily to the complexity of most articulation systems in use today.

The temporomandibular joint is the most complicated joint in the human body due to its three-dimensional spatial movements of rotation and translation. When prosthodontic treatment is

needed due to breakdown of the stomatognathic system, for whatever reason, simulation of the patient's mandibular movements is mandatory.

In the past, in order to transfer the relationship of the upper jaw to the temporomandibular joints, a facebow or earbow was needed. This facebow transfer was perilous and not easily transported to the laboratory, as the jig assembly was fragile and easily loosened.

ARCUSdigma – Articulator Adjustment:  
Transfer of the upper jaw position

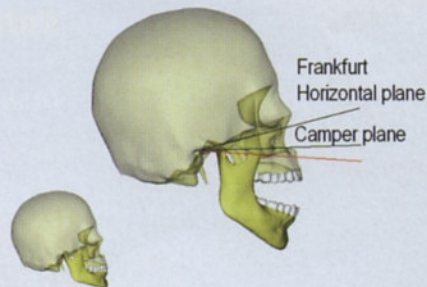


FIGURE 1

Condyle Angle



Condyle Angle (Skull)



Condyle Angle  
(Articulator)



FIGURE 2