

The upper occlusal record is removed and the transmitter frame is transferred to the mandible by means of paraocclusal fixation (Fig. 7). With the jaws in maximum intercuspation the position of this transmitter frame is determined in relation to the condylar centres and the reference plane of the protar.

This measurement also virtually attaches the condylar centres of the protar as the posterior reference points to the patient's mandible.

From a position of maximum intercuspation the patient is guided through a series of protrusive and lateroprotrusive movements. Using these traces the software determines the condylar and Bennett angles.

The upper bite plane is now snapped into one of two software determined positions on the support jig and the maxillary cast is mounted. The chair time needed to record the settings is minimal. The entire operation can be completed in less than ten minutes.

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In combination, the AR-CUSdigma and the Protar articulation system offers the dentist and the laboratory technician a simplified approach to creating a more aesthetic and functional prosthesis. OH

Dr. Glazer is the Prosthodontic Editorial Board Member for Oral Health.

REFERENCES

1. Proschel Peter et al, Articulator-Related Registration-A simple concept for minimizing eccentric occlusal errors in the articulator. Inter Journal of Prosth: 15:#3, 289-294,2002.

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