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Orientation of the Occlusal Plane – A Walk through The Advancements In Analyser Systems Over The Era

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ABSTRACT

Orientation of the occlusal plane is an important aspect in developing an occlusion. Various occlusal plane analysers have been developed over the years that use soft and hard tissue landmarks in the maxillary and mandibular arches to orient the plane to the cranium and then on to an articulator^{1,2}. Maxillary cast should be mounted on the articulator such that the position of teeth will appear as it is in the patient's mouth. Inaccurate orientation can affect the aesthetics, occlusion and subsequent mountings and settings made on the articulator. Accurate mounting allow for comparison of the condylar paths of one patient with those of another patient, thus providing a reliable point of reference³. This article discusses various analyser systems, their accuracy in orienting the occlusal plane to the cranium and transferring the relation to the articulator.

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