

7. Variations of ala-tragal plane to occlusal plane in three different skeletal jaw relations in dentulous subjects- a cephalometric study”

Fahad Mohammad

Yenopoya Dental College.

Occlusal plane is an average plane established by the incisal and occlusal surfaces of the teeth. Orientation of the occlusal plane is one of the most important clinical procedures in removable and fixed prosthodontic treatment for dentulous and edentulous patients. The occlusal plane is lost in patients rendered edentulous and should be restored if complete dentures are to be esthetic and to function satisfactorily. It is due to these reasons that an attempt is made to reconstruct the occlusal plane in edentulous patients as identical as possible to the occlusal plane of the missing natural teeth during the patients dentition period, so as to decrease bone resorption and to maintain the stability and integrity of the stomatognathic system post edentulism.. Various studies have been conducted to evaluate the reliability of ala-tragal plane in determining the occlusal plane in edentulous patients. The

precise location of the occlusal plane in an edentulous subject is a controversial issue and more controversial is the exact definition of the ala-tragal plane. Hence an attempt was made in this study to define the best soft tissue index by which the location and inclination of the occlusal plane in complete dentures could be established using a lateral cephalogram.

DOI: 10.4103/0972-4052.246683