

TELERENTHEGEOGRAPHIC ANALYSIS IN MATURE PATIENTS WITH CONGENITAL MAXILLOFACIAL CLEFTS USING “MAVE CLOUD” SOFTWARE

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Background. Efficiency of orthodontic diagnosis and treatment. **Objective of the study.** 1. Analysis of morphological and functional cranio-maxillo-facial deviations characteristic of patients with congenital OMF cleavage. 2. Detection of cranial, skeletal gnathic peculiarities of patients with congenital clefts.

Material and Methods. 9 profile telerradiographs were analyzed, calculating 50 parameters each. The analysis of the obtained data was performed according to the Tweed-Merrifield, Rickets methods with the “Mave Cloud” software.

Results. Determination of cephalometric parameters according to the Tweed-Merrifield method: Deviation of the FMA angle value by + 5.01 ° ($p < 0.05$); Maxilla - average decrease of the SNA angle by 6.94 ° ($p < 0.01$). **Conclusion.** The analysis of the obtained data demonstrated the following morpho-functional disorders of the dento-cranio-facial complex: pronounced sagittal maxillary underdevelopment; severe sagittal intermaxillary disproportions with reverse frontal gear; posterior vertical skeletal deficit.

Keywords: telerradiography; orthopantomography; cleft lip; cleft palate.