

THE INFLUENCE OF ORTHODONTIC TREATMENT ON THE DENTAL ARCHES OF UNILATERAL CLEFT LIP AND PALATE PATIENTS

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OBJECTIVE: The present study evaluated the effect of orthopedic/orthodontic treatment on development and sagittal growth of mandible and maxilla using the occlusal index evaluation method known as Goslon Yardstick. **MATERIAL AND METHODS:** One hundred and nine patients were evaluated and ranked first in the deciduous / early mixed dentition and again after orthopedic / orthodontic treatment in late permanent dentition. **RESULTS:** The G3 group showed positive influence of orthodontic/orthopedic treatment in about half of the sample. In the remainder, the treatment was not effective enough to compensate the expected already restrictive effect and residual mandibular growth. The group initially classified as G4 and G5, the success on treatment, when realized, was not enough to influence positively the sagittal discrepancy. So, there was need for orthognathic surgery in almost every G4 and G5 sample.