

Hubungan postur kepala dengan tumbuh kembang mandibula pada penderita obstruksi saluran napas atas dengan kebiasaan buruk napas mulut

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20429009&lokasi=lokal>

Abstrak

Objective: To investigate the correlations between head posture and mandible growth in Deuteromalayid OURT (obstruction of the upper respiratory tract) patients with mouth breathing habit. **Material & Methods:** The study used cross sectional design for 64 subjects including 32 OURT patients with mouth breathing habit and 32 normal subjects, all 12 to 15 years old. Lateral cephalometry radiograph was taken for head posture measurements and mandibular growth (ramus height, mandibular length, and mandibular rotation) measurements. **Results:** The fraction of subjects with kifosis head posture in OURT with mouth breathing habit (34.4%) was larger than that in normal subjects (28.1%). There is no correlation between head posture and OURT with mouth breathing habit, but there is a correlation between OURT with mouth breathing habit and mandibular rotation. **Conclusion:** Patients with OURT and mouth breathing habit show more vertical growth of mandible than normal subjects.