

Analisis Morfometrik Dimensi Lengkung Gigi pada Penderita Cela Bibir dan Langit-langit Unilateral dan Bilateral pasca Labioplasti dan Palatoplasti = Morphometric Analysis of Dental Arch Dimensions in Unilateral and Bilateral Cleft Lip and Palate after Labioplasty and Palatoplasty

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Abstrak

Latar Belakang: Labioplasti dan palatoplasti merupakan tindakan definitif dalam tatalaksana celah bibir dan langit-langit. Pasca tindakan pembedahan, rata-rata ditemukan konstriksi lengkung gigi dalam arah antero-posterior dan lateral. **Tujuan:** Mengevaluasi dimensi lengkung gigi pada pasien UCLP dan BCLP pasca labioplasti dan palatoplasti menggunakan model studi pada usia 5 tahun. **Metode:** Dilakukan pencetakan model studi rahang atas dan bawah pada pasien UCLP dan BCLP pasca labioplasti dan palatoplasti, kemudian dilakukan pengukuran lebar lengkung gigi anterior dan posterior serta panjang lengkung gigi rahang atas dan bawah. Hasil perbandingan antar kelompok dan dengan kelompok kontrol dilakukan menggunakan uji Mann-Whitney dan Kruskal-Wallis. **Hasil:** Terdapat perbedaan yang signifikan pada dimensi lengkung gigi rahang atas antara kelompok kontrol, UCLP dan BCLP. **Kesimpulan:** Gangguan tumbuh kembang lengkung gigi pada pasien UCLP dan BCLP pasca labioplasti dan palatoplasti tercermin pada model studi saat pasien berusia 5 tahun

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