

# Hubungan crossbite anterior dan posterior dengan status periodontal studi retrospektif di klinik integrasi RSKGM FKG UI periode 2010-2015 = Relationship between anterior and posterior crossbite and periodontal status a retrospective study in klinik integrasi RSKGM FKG UI 2010-2015

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## Abstrak

### <b>ABSTRAK</b><br>

Latar belakang: Crossbite merupakan salah satu maloklusi yang sering ditemukan di masyarakat. Crossbite dapat menyebabkan trauma oklusi yang dapat memperberat penyakit periodontal. Masih jarang dijumpai penelitian yang langsung menghubungkan pengaruh crossbite terhadap jaringan periodontal. Tujuan penelitian: Menganalisis hubungan crossbite dengan status periodontal. Metode: Penelitian cross-sectional pada 68 subjek normalbite dan 68 subjek crossbite menggunakan data kartu status rekam medik Klinik Integrasi RSKGM FKG UI tahun kunjungan 2010-2015. Data dianalisis menggunakan uji Mann-Whitney. Hasil: Tidak ada perbedaan bermakna  $p > 0,05$  rerata resesi gingiva, kehilangan perlekatan, dan perdarahan gingiva pada subjek normalbite dibandingkan dengan subjek crossbite. Terdapat perbedaan bermakna.

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### <b>ABSTRACT</b><br>

Background Crossbite is one of the most common malocclusion found in the society. Crossbite is a potential cause of trauma from occlusion and can be a cofactor of periodontal diseases. However, research on the effects of crossbite on periodontium is still rare. Objective To analyze the relationship between crossbite and periodontal status. Method A cross sectional study of 68 subjects with normalbite and 68 subjects with crossbite using dental records of patients in Klinik Integrasi RSKGM FKG UI during 2010 2015. Data was statistically analyzed by Mann Whitney test. Result There were no statistically significant differences  $p > 0,05$  in the mean values of gingival recession, loss of attachment, and gingival bleeding between normalbite and crossbite groups. However, statistically significant difference.