

Hubungan Antara Angulasi Gigi Molar 3 Rahang Bawah Impaksi dengan Jenis Kelamin dan Suku (Pasien RSKGM FKG UI Periode Januari 2018 - Desember 2018) = Relationship Between Impacted Mandibular Third Molar Angulation, Gender, and Ethnicity (January 2018 - December 2018 RSKGM FKG UI Patients)

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Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20514807&lokasi=lokal>

Abstrak

Latar Belakang: Angulasi gigi molar 3 rahang bawah impaksi berpengaruh terhadap frekuensi timbulnya berbagai keadaan patologis di rongga mulut. Di sisi lain, jarak antara distal gigi molar 2 rahang bawah dan ascending ramus memiliki pengaruh terhadap keberhasilan erupsi gigi molar 3 rahang bawah. Beberapa penelitian menunjukkan bahwa jenis kelamin dan suku berpotensi untuk mempengaruhi kedua hal tersebut.

Tujuan: Meneliti hubungan antara angulasi gigi molar 3 rahang bawah impaksi dan jarak dari distal gigi molar 2 rahang bawah ke ascending ramus dengan jenis kelamin dan suku. Metode: Radiograf panoramik diperoleh dari rekam medik pasien RSKGM FKG UI periode Januari 2018 – Desember 2018. Hasil

perhitungan dihubungkan ke deskripsi jenis kelamin dan suku pasien yang tertera pada rekam medik. Hasil

Penelitian: Hubungan antara jenis kelamin terhadap jarak dari distal gigi molar 2 ke ascending ramus menunjukkan nilai $p = 0.016$ ($p < 0.05$). Hubungan antara jenis kelamin terhadap angulasi gigi molar 3 rahang bawah menunjukkan nilai $p = 0.28$ ($p > 0.05$). Hubungan antara suku terhadap jarak antara gigi molar 2 ke ascending ramus dan angulasi gigi molar 3 rahang bawah menunjukkan nilai $p > 0.05$. Kesimpulan: Terdapat hubungan yang signifikan antara jenis kelamin pasien dan jarak dari distal gigi molar 2 rahang bawah ke ascending ramus. Tidak terdapat hubungan yang signifikan antara jenis kelamin dan angulasi gigi molar 3 rahang bawah impaksi. Tidak terdapat hubungan yang signifikan antara suku dengan angulasi gigi molar 3 rahang bawah impaksi dan jarak dari distal gigi molar 2 ke ascending ramus.

.....Background: Impacted mandibular third molar angulation is related to several pathological oral conditions. The width of space between mandibular second molar and ascending ramus influences the likelihood of there being an impacted mandibular third molar. Several studies suggests that both gender and ethnicity may play a role on determining the former and latter. Objective: Study the influence of patient gender and ethnicity towards impacted mandibular third molar angulation and width of space between mandibular second molar and ascending ramus. Method: Patient medical records containing panoramic radiographs are collected. Measurements of angulation and space width are conducted using a ruler and ruler arc. Measurement results will be correlated to patient gender and ethnicity written on medical record. Result: Relationship between patient gender and width of space between mandibular second molar and ascending ramus resulted in a p value of 0.016 ($p < 0.05$). Relationship between gender and mandibular third molar angulation resulted in a p value of 0.28 ($p > 0.05$). The impact of ethnicity towards both mandibular third molar angulation and width of space between mandibular second molar and ascending ramus resulted in a p value higher than 0.05. Conclusion: Gender has a significant influence on the width of space between mandibular second molar and ascending ramus. Gender and ethnicity has an insignificant influence on mandibular third molar angulation. Ethnicity has an insignificant influence on the width of space between mandibular second molar and ascending ramus.