

# **Hubungan gangguan sendi temporomandibula dan kualitas hidup dari aspek nyeri orofacial = The relationship between temporomandibular disorder and orofacial pain related quality of life**

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## **Abstrak**

**Latar belakang:** Gangguan sendi temporomandibula dapat mempengaruhi kualitas hidup seseorang. Belum ada penelitian yang membahas hubungan gangguan sendi temporomandibula dan kualitas hidup khususnya dengan menggunakan indeks OHIP-TMD-ID dan ID-TMD di Indonesia.

**Tujuan:** Menganalisis hubungan gangguan sendi temporomandibula dan kualitas hidup, hubungan gangguan sendi temporomandibula dan faktor sosiodemografi usia, jenis kelamin, tingkat pendidikan tingkat ekonomi, hubungan kualitas hidup dan faktor sosiodemografi usia, jenis kelamin, tingkat pendidikan tingkat ekonomi.

**Metode:** Penelitian ini dilakukan dengan metode potong lintang pada 115 subjek berusia 20-40 tahun dari pasien Klinik Integrasi RSGM Fakultas Kedokteran Gigi Universitas Indonesia. Dilakukan pencatatan data diri subjek dan wawancara untuk pengisian kuesioner ID-TMD dan OHIP-TMD-ID.

**Hasil penelitian:** uji analisis Man-Whitney menunjukkan perbedaan bermakna yang signifikan antara gangguan sendi temporomandibula dan kualitas hidup. Namun, tidak terdapat perbedaan bermakna yang signifikan antara kualitas hidup dan faktor sosiodemografi usia, jenis kelamin, tingkat pendidikan, tingkat ekonomi. Hasil uji analisis Chi Square menunjukkan tidak perbedaan bermakna yang signifikan antara gangguan sendi temporomandibula dan faktor sosiodemografi usia, jenis kelamin, tingkat pendidikan, tingkat ekonomi.

**Kesimpulan:** Penderita gangguan sendi temporomandibula mengalami penurunan kualitas hidup dari aspek nyeri orofacial.

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**Background:** Temporomandibular disorders may have an impact on quality of life. No studies have been done to analyze relationship between temporomandibular disorders and quality of life in particular by using OHIP TMD ID and ID TMD in Indonesia.

**Objectives:** To analyze the relationship between temporomandibular disorder and quality of life, temporomandibular disorder and sociodemographic factors age, gender, education level economic level, quality of life and sociodemographic factors age, gender, education level, economic level.

**Methods:** Cross sectional study was conducted on 115 subjects aged 20-40 years from patients at Integration Clinic of RSGM FKG UI. Subject's personal data were obtained and interview for ID TMD questionnaire and OHIP TMD ID questionnaire were conducted.

**Results:** Man Whitney test showed significant differences between temporomandibular disorders and quality of life. However, there are no significant differences between the quality of life and sociodemographic factors age, gender, education level, economic level. Chi Square test showed no significant differences between temporomandibular disorders and sociodemographic factors age, gender, education level, economic level.

**Conclusion:** Temporomandibular disorders patients suffered from impaired orofacial pain related quality of life. **Keywords:** temporomandibular disorder, quality of life, OHIP TMD ID, ID TMD.