

# Hubungan kemampuan mastikasi (analisis menggunakan alat ukur kemampuan mastikasi) dengan kualitas hidup wanita pra-lansia dan lansia = Relationship between masticatory ability (analyzed with masticatory ability assessment tool) and quality of life In pre-elderly and elderly women

Isya Hanin, author

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## Abstrak

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Tujuan : Tujuan penelitian ini untuk mendapatkan alat ukur kemampuan mastikasi serta menganalisa hubungan antara kemampuan mastikasi dengan kualitas hidup yang berkaitan dengan kesehatan gigi dan mulut pada pra-lansia dan lansia wanita yang hidup di suatu komunitas.

Latar belakang : Kehilangan gigi merupakan kondisi yang sering ditemukan pada pra-lansia dan lansia yang dapat mempengaruhi fungsi mastikasi. Penilaian fungsi mastikasi dapat dilakukan secara subyektif maupun obyektif. Penilaian mastikasi secara subyektif perlu dilakukan untuk menilai persepsi individu terhadap kemampuan mastikasinya. Alat ukur berupa kuesioner merupakan salah satu metode yang dapat digunakan untuk menilai kemampuan mastikasi. Kemampuan mastikasi merupakan salah satu faktor yang berperan dalam fungsi stomatognatik dan pada kesehatan individu secara umum.

Metode : Subjek penelitian adalah 165 wanita usia 45 tahun ke atas yang berdomisili di kecamatan Bekasi Timur, kotamadya Bekasi, Jawa Barat. Subyek diminta untuk menjawab kuesioner kemampuan mastikasi dan kuesioner dampak kesehatan gigi dan mulut terhadap kualitas hidup. Dilakukan pemeriksaan intraoral untuk melihat jumlah gigi sisa, serta kontak antara gigi-geligi asli.

Hasil: Didapat suatu alat ukur kemampuan mastikasi berupa kuesioner yang valid dan reliabel dengan indeks Eichner sebagai baku emas. Dari analisis ditemukan hubungan signifikan antara kemampuan mastikasi dengan kualitas hidup yang berkaitan dengan kesehatan gigi dan mulut.

Kesimpulan : Alat ukur berupa kuesioner dapat digunakan untuk menilai kemampuan mastikasi. Kemampuan mastikasi merupakan fungsi stomatognatik yang penting dan dapat mempengaruhi kualitas hidup ditinjau dari aspek kesehatan gigi dan mulut.;

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<b>ABSTRACT</b><br>

Objective : The purpose of this study is to obtain masticatory assessment tool and to analyze the relationship between masticatory ability with oral health-related quality of life in preelderly and elderly women in a community.

Background : Tooth loss is a condition frequently found in pre-elderly and elderly which affects masticatory function. Masticatory function can be assessed subjectively or objectively. The assessment of subjective masticatory function is needed to evaluate an individual's

perception of his/her masticatory ability. One of the methods to evaluate masticatory ability is by using assessment tool in questionnaire format. Masticatory ability is one of the factors that affect stomathognatic function and health in general.

Method : Subjects consist of 165 women age 45 and beyond, living in Bekasi Timur, West Java. Subjects were interviewed using masticatory ability and oral health-related quality of life questionnaires. Intraoral examination was carried out to see numbers of existing teeth and occlusal contact between the teeth.

Results: A valid and reliable masticatory ability assessment tool with Eichner index as golden standard was acquired. Statistical analysis showed a significant relation between masticatory ability and oral health-related quality of life in pre-elderly and elderly women.

Conclusion : An assessment tool in questionnaire format can be used to evaluate masticatory ability. Masticatory ability is an important aspect of stomathognatic function that affects oral health-related quality of life in pre-elderly and elderly women.;Objective : The purpose of this study is to obtain masticatory assessment tool and to analyze

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