

## Hubungan antara osteoporosis tulang mandibula dan kualitas hidup dari aspek kesehatan gigi mulut lansia = Relationship between osteoporosis in mandibular bones and oral health related quality of life in elderly patient

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### Abstrak

Osteoporosis tulang mandibula dapat diukur menggunakan indeks penurunan densitas tulang mandibula dimana dapat digunakan dokter gigi dalam membuat rencana perawatan sehingga kegagalan akibat faktor osteoporosis dapat dicegah terutama dalam perawatan prostodonsia. Tujuan penelitian ini adalah untuk menganalisis hubungan osteoporosis tulang rahang dan kualitas hidup dari aspek kesehatan gigi dan mulut lansia penelitian dilakukan dengan metode potong lintang. Penelitian dilakukan dengan pencatatan data sosio demografis, pemeriksaan intraoral, wawancara untuk pengisian kuesioner indeks densitas tulang mandibula dan kuesioner kualitas hidup lansia. Hasil uji chi-square, tidak terdapat hubungan antara osteoporosis tulang rahang dan kualitas hidup dari aspek kesehatan gigi dan mulut lansia.

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Osteoporosis in mandibular bone can be measured by mandibular bone density index which is tool for early detection of osteoporosis in mandibular bone that can be used by dentists in planning a treatment so that failure caused by osteoporosis can be prevented especially in prosthodontics treatment. The objective of this studies is to analyze the relationship between and oral health related quality of life in elderly patient with cross sectional studies. Sociodemographic data were obtained, intraoral examination and interview for mandibular bone density index and oral health relatred quality of life questionnaire were conducted. Chi square results indicated that there was no significant relation between mandibular bone osteoporosis and oral health related quality of life in elderly patient.