

## Pengaruh dental health education (DHE) terhadap self-perceived oral health pada lansia kota Depok: studi intervensi dengan DHE = Effect of dental health education (DHE) on self-perceived oral health among Depok elders: intervention study with DHE

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### Abstrak

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

Latar Belakang: Kualitas kesehatan gigi dan mulut yang baik masih menjadi hal yang sulit didapatkan. Hal ini disebabkan kurangnya kesadaran dan perhatian masyarakat terhadap kesehatan rongga mulutnya sendiri - dalam hal ini lansia-, dan kurangnya kemampuan lansia untuk melaporkan status kesehatan gigi dan mulutnya. Intervensi DHE dibutuhkan guna menurunkan meningkatkan kesadaran, persepsi dan kemampuan lansia untuk mencegah masalah gigi dan mulut. Tujuan penelitian ini adalah untuk melihat pengaruh DHE terhadap self-perceived oral health pada lansia Kota Depok. Metode: Metode penelitian ini merupakan penelitian kuasi-eksperimental one-group pretest-post-test design dengan membandingkan self-perceived oral health sebelum dan sesudah diberikan intervensi DHE pada 195 lansia yang menjadi subjek penelitian. Penelitian dilakukan di Kecamatan Beji, Sukmajaya, dan Pancoran Mas. Hasil: Ketimpangan terlihat antara self-reported oral health dengan status klinis dari penilaian normatif dengan perbedaan persentase melebihi 50%. Self-perceived oral health setelah diberikan intervensi DHE mengalami peningkatan dilihat dari analisa uji komparatif menggunakan perhitungan Chi-Square dan uji Wilcoxon dengan batas perbedaan bermakna  $p < 0,05$ . Kesimpulan: DHE berpengaruh dalam meningkatkan self-perceived oral health.

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

Background: The good quality of oral health is still difficult to obtained. This is due to the lack of awareness and public attention to their own oral health -especially elderly-, and the lack of ability of the elderly to report their oral health status. DHE intervention are needed to increase awareness, self-perceived, and to reduce the percentage of oral health problems. This study is purposed to evaluate the effect of DHE on self-perceived oral health in elderly in Depok. Method: The method of this study is quasi-experimental study one-group pretest-post-test design which compares self-perceived oral health before and after DHE intervention among 195 elders in Beji, Sukmajaya, and Pancoran Mas. Result: Discrepancies is occurred between self-reported oral health and clinical status from normative assessment which has more than 50% difference percentage. Self-perceived after being given DHE intervention has increased, seen from the comparative test analysis using Chi-Square calculation and Wilcoxon test with the significant difference in  $p < 0,05$ . Conclusion: DHE has an effect in increasing self-perceived oral health.