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# The Quality of Denture Influencing Oral-Health-Related Quality of Life in Complete Denture Wearing Older Adults: A Systematic Review

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## Abstract

**Background:** One major oral problem for Thai elderly patients is tooth loss, adversely affecting the quality of grinding and occlusion. Thus, wearing a complete denture to replace missing teeth is essential so that the patient can better use the denture to grind, talk, and improve their quality of life.

**Objectives:** To investigate empirical evidence about denture quality factors affecting the oral-health-related quality of life (OHRQoL) of elderly with a conventional complete denture.

**Methods:** This systematic review was conducted to search for related studies published between 2010 and 2020 from international databases, including PubMed, SCOPUS, Cochrane Library, Web of Science, and ScienceDirect. Two researchers independently conducted research by selecting research on denture quality factors affecting OHRQoL, critical appraisal of research, data extraction, and the narrative synthesis process.

**Results:** Of all 699 studies obtained from the search, five studies were selected to include in this research. There were two retrospective cohort studies and three cross-sectional studies. The majority of studies were of short duration. Only one study provided 7-year evaluations.

**Conclusions:** The denture quality factors affecting OHRQoL included maxillary and mandibular stability and retention, articulation, and esthetic.

**Keywords:** conventional complete denture, oral-health-related quality of life, quality of denture, systematic review