

Title of Intervention: An Educational Denture Cleaning Intervention

Intervention Strategies: Group Education

Purpose of the Intervention: To improve denture hygiene

Population: 69-87 year old healthy older adult denture wearers

Setting: Oslo, Norway; community-based

Partners: None mentioned

Intervention Description:

- Group Education: Participants in the verbal information group learned about plaque buildup on dentures, its adverse effects and how to improve brushing routines. The demonstration group received demonstrations on denture cleaning as well as verbal information. Participants demonstrated how they removed the plaque from their dentures. After 14 days, each group received a refresher education session. To check denture cleanliness at home, the participants were given plaque-disclosing tablets. The current cleansing routines were corrected if necessary.

Theory: Not mentioned

Resources Required:

- Staff/Volunteers: Educators
- Training: Not mentioned
- Technology: Not mentioned
- Space: Room for group sessions
- Budget: Not mentioned
- Intervention: Plaque-disclosing tablets
- Evaluation: Plaque assessment

Evaluation:

- Design: Quasi-experimental
- Methods and Measures:
 - Interviews to assess participants' regularity of denture use, denture problems, brushing, denture stomatitis and oral hygiene
 - Visual examination of dentures to measure the presence of plaque through color slides of disclosed plaque on the denture base

Outcomes:

- Short Term Impact: Not measured
- Long Term Impact: There was a reduced number of persons with high plaque scores in both intervention groups, but was more prominent in participants who received a demonstration.

Maintenance: Not mentioned

Lessons Learned: Educating and demonstrating proper cleaning techniques to denture wearers can help reduce the build up of plaque on the denture base.

Citation(s):

Ambjornsen E, Rise J. The effect of verbal information and demonstration on denture hygiene in elderly people. *Acta Odontol Scand.* Mar 1985;43(1):19-24.