

Title of Intervention: An Audiovisual Aid for Improving Infant Oral Health

Website: www.utoronto.ca/dentistry/newsresources/kids/

Intervention Strategies: Individual Education

Purpose of the Intervention: To increase public awareness of the importance of early intervention

Population: Future parents, expectant parents and primary caregivers of infants and young children

Setting: A community center in urban Toronto; community-based

Partners: University of Toronto, community centers

Intervention Description:

- Individual Education: Participants viewed a DVD containing evidence-based information about infant oral health. The video contained guidance in the areas of pregnancy, oral hygiene, fluoride use, acquisition of oral bacteria, feeding and oral habits, causes of early childhood caries, trauma prevention and the importance of early and regular dental visits.

Theory: Not mentioned

Resources Required:

- Staff/Volunteers: Not mentioned
- Training: Not mentioned
- Technology: Audiovisual equipment
- Space: Space to watch DVD
- Budget: Not mentioned
- Intervention: DVD
- Evaluation: Printed questionnaires

Evaluation:

- Design: One group, pre/post-test
- Methods and Measures:
 - Questionnaire to measure knowledge about infant oral health

Outcomes:

- Short Term Impact: There was a significant improvement in knowledge.
- Long Term Impact: Not measured

Maintenance: Not mentioned

Lessons Learned: The audiovisual aid was written in English, which was a second language for most of the mothers. Although the mothers' scores improved significantly, translating the message into the different languages commonly spoken in the high-risk communities will maximize its benefits and ensure that the right messages reach the target populations without language barriers.

Citation(s):

Alsada, L. H., M. J. Sigal, et al. (2005). "Development and testing of an audio-visual aid for improving infant oral health through primary caregiver education." J Can Dent Assoc 71(4): 241, 241a-241h.