

**Title of Intervention:** A Classroom-based Oral Health Education Program

**Intervention Strategies:** Group Education

**Purpose of the Intervention:** To improve oral health knowledge and behaviors

**Population:** Adolescents aged 12-14

**Setting:** San Francisco middle schools; school-based

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**Partners:** School of Dentistry at the University of California, San Francisco

**Intervention Description:**

- Group Education: Dental hygienists conducted four educational sessions. The sessions covered dental caries, fluoride, periodontal disease, the use of plaque-disclosing tablets and supervision of tooth brushing and flossing practice.

**Theory:** Not mentioned

**Resources Required:**

- Staff/Volunteers: Dental hygienists
- Training: Concept training for educators
- Technology: Audiovisual equipment
- Space: Classrooms
- Budget: Not mentioned
- Intervention: Presentation materials, tooth brush, toothpaste
- Evaluation: Surveys

**Evaluation: Impact:**

- Design: Randomized controlled trial
- Methods and Measures:
  - Survey to measure participants' knowledge of oral health and behaviors

**Outcomes:**

- Short Term Impact: There was a significant increase within the experimental group in mean attitude score. There was also an increase in knowledge
- Long Term Impact: Girls in the intervention reported a significant improvement in the frequency of the use of toothbrush and dental floss.

**Maintenance:** Not mentioned

**Lessons Learned:** Not mentioned

**Citation(s):**

Walsh MM. Effects of school-based dental health education on knowledge, attitudes and behavior of adolescents in San Francisco. Community Dent Oral Epidemiol. Jun 1985;13(3):143-147.