

Title of Intervention: A School-based Oral Health Intervention

Intervention Strategies: Group Education

Purpose of the Intervention: To raise dental health awareness, improve knowledge and reduce plaque

Population: 10-year-old children

Setting: Local primary schools in Chorley, Lancashire, England; school-based

Partners: The Local Health Trust for Chorley

Intervention Description:

- Group Education: The active group received four in-school lessons at weekly intervals. The lessons included information about the importance of oral health and proper oral health care practices.

Theory: Not mentioned

Resources Required:

- Staff/Volunteers: Teachers
- Training: Not mentioned
- Technology: Not mentioned
- Space: Classrooms
- Budget: Not mentioned
- Intervention: Educational materials
- Evaluation: Surveys, tools for oral assessments

Evaluation:

- Design: Randomized controlled trial
- Methods and Measures:
 - Questionnaire to measure oral health knowledge and behaviors
 - Clinical measurements to assess plaque

Outcomes:

- Short Term Impact: The knowledge in both intervention and control groups improved, but the intervention group had better results.
- Long Term Impact: At each evaluation stage, the plaque scores were lower for the intervention group than the control group.

Maintenance: Not mentioned

Lessons Learned: Not mentioned

Citation(s):

Worthington HV, Hill KB, Mooney J, Hamilton FA, Blinkhorn AS. A cluster randomized controlled trial of a dental health education program for 10-year-old children. J Public Health Dent. Winter 2001;61(1):22-27.