

## عنوان مقاله:

Improving the Participation of Preschool Children's Mothers in Fluoride Varnish Program: An Educational Intervention

## محل انتشار:

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## خلاصه مقاله:

Background: Tooth decay is the most prevalent chronic childhood disease. Fluoride tooth restoration is a common method of controlling tooth decay, but common misconceptions in this area prevent family involvement. Therefore, the aim of this study was to determine the effect of educational interventions on the participation of preschool children's mothers in the fluoride varnish program. Methods: This was an interventional study performed on ۱۷۶ mothers of preschool children in Yazd in ۲۰۲۰. Participating mothers were randomly selected and divided into intervention and control groups. The research tool was a researcher-made questionnaire with confirmed validity and reliability. It included demographic variables and ۴ sections of awareness, facilitators, barriers, and behavior. Intervention and control groups completed the questionnaires before and two months after the intervention. Chi-square, Mann-Whitney, Kruskal-Wallis, and Spearman correlation tests, as well as repeated measures analysis of variance and the generalized estimating equations model were used for data analyses. Results: The proportion of people who participated in the fluoride varnish program before the study was the same in both intervention and control groups (۳۵.۲ and ۳۷.۵), but after the intervention, the percentage of people whose children participated in this program was more in the intervention group (۸۸.۶ and ۵۱.۱,  $P < ۰.۰۰۰۱$ ). Conclusion: The findings of this study confirmed the positive effect of the educational intervention on increasing the participation of mothers in the fluoride varnish program. To better cooperate and involve families with oral health programs in schools, thinkers in the field should be fully justified in the program to provide timely training and interventions.

## کلمات کلیدی:

Education, Oral health, Fluoride varnish, Mothers, Child

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