

24th International Conference on
Dental Education
March 18-19, 2019 | Paris, France

Meta-analysis of the effectiveness of educational interventions on improving oral and dental health promotion in Iran

Niloufar Abedi

Isfahan University of Medical Sciences, Iran

Introduction: Oral and dental health is a core component of general health and well-being. Few aspects of health are as accessible to personal control as oral hygiene which can be improved by simple behavioral changes. In recent years, Dentists in the field of oral and dental health promotion have been doing research for measurement of validity and efficiency of available educational interventions. And in this regard, meta-analysis integrates the results of different studies then determines the effect size of educational interventions. This study seeks to investigate the effective educational interventions on improving oral and dental health promotion in Iran by following the meta-analysis model.

Methods: The present research was a meta-analysis study. This research is done by using technique of meta-analysis to integrate the results of different studies, to determine the effect size of educational intervention on improving oral and dental health promotion in Iran. Fifteen (15) studies accepted in methodology were collected in Iran during 2001-2018, and analyzed through meta-analysis. The research tool was meta-analysis checklist. Effect size for each study was manually calculated.

Results: The study findings showed that the rate of effect size of educational intervention on improving oral and dental health promotion in Iran was 0.62 ($p \leq 0.008$), which according to Cohen's table was intermediate.

Conclusion: Findings of this meta-analysis support effectiveness of educational interventions on improving oral and dental health promotion in Iran. It seems that the educational interventions on improving oral and dental health can be used as a method for improving oral and dental health in Iran.

Notes: