

Abstract:

Title: evaluation of DMFT index in 12-15 years old students of Meshkin Shahr city.

Background: DMFT index is one of the best epidemiological indices in dentistry representing oral hygiene situation in society. So, this study was conducted in order to evaluate DMFT index in 12- 15 years old students of Meshkin Shahr City.

Method: This descriptive study was done cross – sectionally using interview, examination and questionnaire among 12-15 years- old students of Meshkin Shahr city. Considering WHO criteria, 174 samples were selected for the study and the effect of variables such as gender, Parent education, tooth brushing on DMFT were evaluated. The data were analyzed by SPSS software Version 18, t test and ANOVA.

Finding: Results showed that average of DMFT index in 12-15 years old students of Meshkin shahr city was 3.38 and significant differences in DMFT index according to gender (girls DMFT than boys), age, and individual health status. But a significant difference in the DMFT index students based on parental education and number of children not were observed.

Conclusion: Considering WHO criteria in 2000, the achieved DMFT index in Meshkin Shahr city was acceptable. According to the aim of WHO for the year of 2015 for 12 –15 years- old people (DMFT<1), it is necessary to perform special program for the purpose.

Keywords: DMFT, Dental caries, Meshkin shahr.