

عنوان مقاله:

Correlation between Obesity and the Severity of Dental Caries in Healthy Adults

محل انتشار:

فصلنامه آموزش بهداشت و ارتقا سلامت, دوره 9, شماره 5 (سال: 1400)

تعداد صفحات اصل مقاله: 5

نویسنده:

M.I. Chabuk - Department of Dentistry, Al-Safwa University Karbala, Iraq

خلاصه مقاله:

Aims: Dental caries and obesity are mutually common adult diseases that could impact the overall wellbeing and are a problem to the health expenditures. This study aimed to investigate the correlation between body mass index and dental caries in adults. **Instrument & Methods:** In this cross-sectional study conducted at Merjan teaching hospital in Babylon, ۱۶۵ patients were selected by convenience sampling from May to August ۲۰۲۰. Dental caries severity and obesity were identified by decayed, missing, and filled teeth and body mass indices. Data were analyzed by Pearson correlation, Chi-square, and Mann-Whitney tests. **Findings:** One hundred eight participants were obese, and ۲۹ were overweight. ۵۸.۳% of the participants had poor (>۱۰), ۱۲.۷% had bad, and ۲۹.۱% had well decayed, missing, and filled teeth index. The difference between BMI categories based on decayed, missing, and filled teeth index classes was significant, and those with poor decayed, missing, and filled teeth index were significantly heavier ($p=۰.۰۰۴$). The mean decayed, missing, and filled teeth index of all the studied participants was ۱۳.۶ ± ۱۰.۱ , which was very bad. The decayed, missing, and filled teeth index and all its components expressed a positive but insignificant correlation with the age of the participants. **Conclusion:** Dental caries are associated with body mass index but not with age and gender. Overweight people are more likely to have a poor decayed, missing, and filled teeth index.

کلمات کلیدی:

Dental Caries, DMF Index, Obesity, Body Mass Index, Oral Health

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1727625>

