

The Effect of Parents BMI on Overweight and Obesity Elementary School Students in Behbahan City

Authors : Hosseini Siahi Zohreh, Sana Mohammad Jafar

Abstract : The prevalence of overweight and obesity in children and adolescents has increased in recent decades in different countries. Childhood obesity, increases the risk of adult obesity and its related diseases. Determine the prevalence of the problem in different populations results to screening and adequate intervention and the effects of early and late complications. Various studies have shown Parents and family environment has a significant impact on the incidence of overweight and obesity in children. As parental obesity is directly related to child obesity. In this study were selected randomly 60 girl students with a BMI above the 95th percentile (as fat) and BMI greater than 85 and less than 95 (overweight). So 60 were selected randomly of girl students with a BMI of between 5 and 85 (normal). In the case of boys was done exactly the same. Case and control groups were matched according to age and grade for statistical analysis of SPSS software version 17. According to results the prevalence of overweight and obesity in girl students respectively is 8.7 percent and 13.76 percent and in boy students 9.9 percent and 10.42 percent. Also was not found in boys group the relationship significant between obesity and overweight with parents BMI. Whereas in girls group was found a significant relationship.

Keywords : parents BMI, overweight, obesity, primary school students

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