



Abstract Title: Obesity trends in school children of Madinah Al Munawwarrah-A Cross-Sectional study

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Abstract: Participants were healthy school boys and girls aged 05-18 years. It was a cross-sectional stratified study. Total sample size was 6000 consisting of 3000 boys and 3000 girls. Twenty (20) schools were selected with random stratification with the help of Ministry of education. Data were collected between April-December 2017. Height and weight of children were measured to calculate percentiles for BMI-for-age and -sex according to the 2000 Centers for Disease Control and Prevention (CDC) growth charts. Overweight and obesity was defined as BMI-for-age/sex \geq 85th and \geq 95th percentile respectively.

Results: The overall prevalence of obesity was 14.7% (n= 588). Obesity Prevalence in boys was 16% (n=347) and in girls was 14% (n=241). The overall prevalence of overweight was 15.4 % (n= 616). The Prevalence in boys was 16% (n=366) and in girls was 14% (n=250).

Biography: Dr. Atta ur Rehman Khan is an Associate Professor at Faculty of Computing and Information Technology, Sohar University Oman. He has extensive experience in teaching, research, and industry at key positions. Prior to joining SU, he was the Director of National Cybercrime Forensics Lab Pakistan, Head of Air University Cybersecurity Center, and Conferences Chair of



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