

INTISARI

Latar belakang. Peningkatan prevalensi obesitas dan alergi merupakan dua masalah kesehatan yang penting. Kelebihan berat badan maupun obesitas merupakan faktor risiko potensial terjadi manifestasi penyakit alergi yang berat.

Tujuan. Mengetahui perbedaan prevalensi alergi dan mendeskripsikan faktor risiko alergi pada anak obesitas dan IMT normal.

Metode. Kami melakukan penelitian potong lintang pada 45 orang anak obesitas dan 45 anak dengan indeks massa tubuh normal antara Februari-Maret 2013. Data yang diperoleh merupakan data primer. Digunakan analisis dengan uji statistik kategorikal menggunakan uji *chi-square* untuk mengetahui perbedaan prevalensi alergi pada kelompok subyek obesitas dan kelompok indeks massa tubuh normal.

Hasil. Tidak ada perbedaan bermakna kejadian alergi pada kelompok anak obesitas maupun IMT normal ($p=1,000$).

Kesimpulan. Tidak ada perbedaan prevalensi dan profil faktor risiko alergi pada populasi anak obesitas maupun IMT normal.

Kata kunci: alergi, prevalensi, obesitas

ABSTRACT

Background. Obesity and allergy are two increasingly important population health issues. Excess weight and obesity are potential risk factors of severe manifestation of allergic disease.

Objective. To determine the allergic prevalence and the risk factor in children with obesity compared with normal body mass index (BMI)/ non obese..

Methods. We perform cross sectional study involved 45 obese and 45 non obese children in Februari-Maret 2013. Statistical analysis by chi-square test.

Allergy was defined as clinical manifestation or history of allergic disease confirmed by positif result of skin prick test. The cut-off for defining a positive reaction to an alergen of skin prick test was wheal size of 3 mm or more

Results. There is no difference in allergy prevalence among school children with obesity compared with those who were non obese ($P=1,000$).

Conclusion. There is no difference in allergy prevalence and risk factors among school children with obesity compared with those who were non obese.

Keyword: allergy, prevalence, obesity