

**Prevalence Of Obesity In Children With Unexplained Dizziness: A Cross-
Sectional Study**

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Background: Egypt is one of the countries that face major obesity and overweight health problem. Previous research has suggested that childhood obesity is a significant public health issue in Egypt. Dizziness is a prevalent complaint among the general population; moreover, it is not an uncommon condition in children. Dizziness arises from a variety of vestibular and non-vestibular diseases; however, some patients remained unexplained in terms of the etiology of dizziness.

Aim of the study: This study aimed to assess the prevalence of childhood obesity in children with explained and unexplained dizziness in order to explain the etiology of their dizziness.

Patients and Methods: A total of 150 children complaining of dizziness were included in this cross-sectional study. All Participants underwent full audiological & vestibular assessment and their Body Mass Index (BMI) were calculated according to their anthropometric measurements.

Results: The correlation between the final diagnosis reached to explain dizziness in normal & obese children revealed that only 4.9% of those with normal body weight had unexplained dizziness, compared to 90.9 % of obese participants with unexplained dizziness.

Conclusions: Obese children showed unexplained dizziness more frequently than normal-weight children; therefore, screening for Body Mass Index is required in all children with dizziness. Dynamic posturography should be added to the standard assessment of children with dizziness.