

ABSTRACT

Title

To study the factors associated with the differences in neck measurement for children age ≥ 6 -<15 years.

Objectives

To find out the differences in the neck measurement for children age ≥ 6 -<15 years.
To find out the factors affecting neck measurement of ≥ 6 -<15 years children.

Methodology

To analyze the standard body sizes for the children age of >6 -<15 years a Quantitative (purposive and analytical) study design was used.

- The students of >6 -<15 years from low, middle and high areas were our sample population in this study.
- Four towns were randomly selected among eighteen towns of Karachi. Each town was further classified in to different socio economic levels i.e. high, middle and low and one school was selected from each income level of each town.

Results

The result of neck measurement according to the age of girls and boys the mean of neck measurement from 6 to 15 years increase gradually. As compare to both the gender the neck growth of 6 to 15 years girls is more than boys.

The result of neck measurement according to socio economical status girls the growth rate of neck measurement of high income level is greater as compared to other socio economic level.

The result of neck measurement according to socio economical status boys the growth rate of neck measurement of middle income level is greater as compared to other socio economic level.

The result of neck measurement according to BMI girls the neck growth of 6 to 15 years girls' normal weight is greater than under weight.

The result of neck measurement according to BMI boys the neck growth of 6-15 years boys' normal weight is greater than under weight.