



A COMPARATIVE STUDY OF VERTICAL MEASUREMENTS WITH RESPECT TO CHEST GIRTH BETWEEN THE CHILDREN ACCORDING TO SEX

¹Dr. SHUCHI SINGH
Mahavir Nagar, Firozabad

Abstract:

A study was conducted among 400 children (Girls - 200, Boys - 200), selected from the schools of urban areas in Agra and Firozabad districts by using the multistage stratified random sampling technique with the aims to measure the vertical measurements with respect to chest girth between the children according to sex. On the basis of chest girth, the children were divided into three sizes i.e. Small (S1), Medium (S2) and Large (S3) using the class interval of 4 cms. Majority of the children were found in small size due to poor nutrition. All the vertical measurements with respect to chest girth were found more among male children as compared to female children aged 5 - 7 years. Statistically significant differences in all vertical measurements with respect to chest girth except Large (S3) size of shoulder to waist and Medium (S2) size of arm scye depth between the boys and girls children in the present study.
