

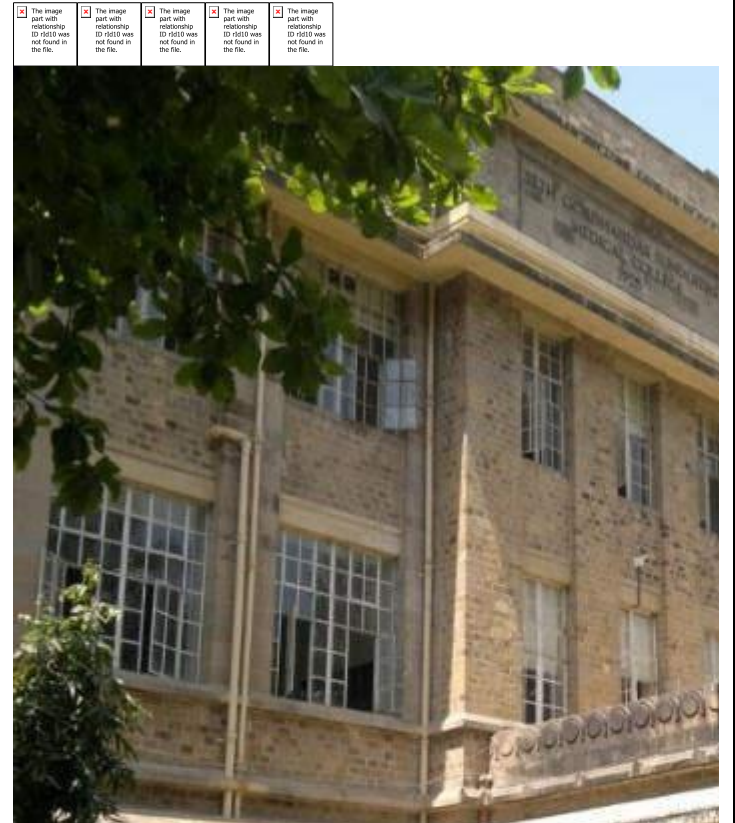
**An Anthropometric Study on the Carrying Angle of Elbow among Children Age between 10 To 15 years of Various Schools in Hyderabad.**

Dr. Abda Shaikh, The setting of this research were conducted from normal children in multiple schools of Hyderabad.



**Abstract:** This study was to measure the carrying angle in both genders according to the age and identify values of dominant and non-dominant hand and correlate the carrying angle of right and left arms in male and female. The study is observational Cross-sectional study, in which individuals are observed or certain outcomes are measured. No attempt is made to affect the outcome. The setting of this research were conducted from normal children in multiple schools of Hyderabad. Participants were selected from simple random sampling because each individual is chosen randomly. We take the school children of age 10 to 15 years and 250 (125 male and 125 female) students were selected. We take a permission on consent form from the participant and measure the carrying angle of both elbows by using a Goniometer, by adding there age and hand dominance on data collection form. We achieve our objectives that female has greater carrying angle than male, greater on dominant side and the carrying angle is increased as the age increases. The mean carrying angle of male on the left limb was 15.168° and the female was 16.08° and the mean carrying angle of male on the right limb was 16.784° and the female was 18.64°. The mean carrying angle of male on dominant side was 16.928° and the female was 18.704° and the mean carrying angle of male on non-dominant side was 15.032° and female was 16.016°. The present study showed that the carrying angle was greater in female than in male and was greater in dominant arm than in non-dominant arm and the carrying angle was not inversely related to the age of the person.

**Biography:** Dr. Abda Shaikh, The setting of this research were conducted from normal children in multiple schools of Hyderabad.



**Publications:**

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