

Original Paper

Anthropometric characteristics of upper limb in Iranian and Pakistani subjects

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Abstract

Background and Objective: The human anthropometric characteristics are surveyed in anthropology. Anthropology is used in archeology, physiotherapy, rehabilitation and legal medicine. This study was carried out to evaluate the anthropometric characteristics of upper limb in Iranian and Pakistani subjects.

Method: This descriptive - analytic study was performed on 300 resident's adult subjects (180 males and 120 females) in Qazvin, Iran and 356 residents (181 males and 175 females) in Dera Ghazi Khan, Pakistan. Anthropometric characteristics of upper limb were measured in an anatomical position.

Results: The mean±SD of arm length was 36.8±2.37 CM and 28.1±2.44 CM, in Pakistani and Iranian males, respectively, this difference was significant ($P<0.05$). The Mean of forearm length, hand length and hand width in Iranian men and women were non-significantly more than Pakistani subjects.

Conclusion: Anthropometric characteristics of upper limb of Iranian are higher than Pakistani subjects, but this difference only in arm length of men was significant.

Keywords: Anthropometry, Upper limb, Gender, Iran, Pakistan

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