

Growth Progression in Physical and Physiological Variables Among Relli's of Visakhapatnam District of Andhra Pradesh

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KEY WORDS Relli. Growth Progression. Body Weight. Stature. Blood Pressure. Pulse Rate. Andhra Pradesh.

ABSTRACT A cross sectional study was undertaken on 640 Relli boys and 671 Relli girls age between 0+ to 18+ years in urban schools situated in Visakhapatnam district of Andhra Pradesh (South India) during August 2000 to July 2001. In this paper data on body weight, stature, head, chest, abdominal, upper arm and calf circumferences and skin folds at triceps, biceps, sub scapular, supra iliac, abdominal, anterior thigh, medial calf, forearm sites and blood pressures are presented including patterns of change in these physical and physiological traits with advancement of age. It has been observed that there is progressively accelerating trend in all the dimensions with advancement in age except skin folds. The study reveals the Relli girls attained maximum mean annual increase between 10+ and 12+ years and boys between 14+ and 16+ years. Blood pressure and pulse rate increased with advancement in age with few fluctuations. Analysis of the data reveals that all the measurements show significant differences by sex according to age. Relli boys and girls are taller and heavier than ICMR (1984) National standards. The findings of the study can be used as reference materials for Relli boys and girls of Visakhapatnam district.

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