

Growth Progression and Maturation Sequence Among Savara Tribal Boys of Andhra Pradesh, India

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ABSTRACT The cross-sectional study was undertaken in rural schools situated in the Seetammapeta ITDA of Srikakulam district of Andhra Pradesh during April 1992 to August 1994. The sample consisted of 403 healthy Savara tribal boys aged 6+ through 18+ years. The study reveals that Savara tribal boys attain maximum annual increase (adolescent spurt) between 13 and 14 years for all measurements except triceps and forearm skinfolds which in turn exhibit a year delayed the spurt that is, 14 and 15 years. There exists a second peak velocity in some of the measurements between 15 and 17 years. The Savara tribal boys exhibit the existence of cephalo-caudal as well as caudo-cephalic sequence of maturation within in constituent components of stature, upper arm, calf and chest circumferences, and all skinfolds. All measurements still requires a certain percentage of growth to reach complete maturation. Comparison with some other population have been also attempted. The findings of the study can be used as a reference material for Savara tribal boys.