

Age at Menarche and Its Prediction in the Well-off Northwest Indian Girls

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ABSTRACT The median age at menarche in well-off Northwest Indian girls from Chandigarh, 12.62 SD 1.02 years and its mean age 12.50 SD 1.15 years in a subsample (girls who were negative at the first and positive at the second examination) agree well with other Indian reports of menarcheal age in high socio-economic group. But, this is lower than that of the London girls (13 years). Factors that control age at menarche are many. The cause for this low median age at menarche in the well-off North-west Indian girls appears to be their advanced tempo of skeletal maturation. On the basis of RUS bone age, the median age at menarche is 13.72 SD-1.02 years RUSBA and the mean age of the subsample is 13.14 SD 0.96 years RUSBA. The prediction equation of age at menarche for Northwest Indian girls employing RUS bone age and the chronological age (BA-CA) is as under:
Age at menarche = $14.43 + (-.746) (BA-CA)$ RSD 1.113 years.