Anthropometric Status of Adolescent Girls of Rural India

Kankana De*

Vidyasagar University, Medinipur, West Bengal, India

Abstract

A community based cross sectional study was carried out among adolescent girls in the age group of 10-19; the study was done on 1009 girls. Among study 85.2% are menarcheal girls and this study shows that girls experience highest menarche at age of 12 years, 16.3% girls suffers from CED I, This study shows that 4.1% girls belongs to CEDIII. It shows that 30.2% experience menarche at 12-12.9 years. The overall means, standard deviations of Height

Conclusion

Che C c fe e ce a ea ed a he e e f e he a e a ec f he h a h ch c e de ce a a e he f h e c a a ace. e f h e c a a ace fe f he f h c e a ; he ea e e a ace fe f he f h c e a . e ea e e a ade h a a e b a d g f f b ec b gh e de.

Materials and Methods

Wa C c fe e ce a de f dee ad e ea d e a ed fa f ee a , he b ec a d e ec h abd e e a ed, he a a de a d fee ge he .

Methods

Dependent variable	10 year (n=100) Mean (SD)	1 years (n=100) Mean (SD)	12 years (n=100) Mean (SD)	13 years (n=100) Mean (SD)	14 years (n=100) Mean (SD)	15 years (n=100) Mean (SD)	16 years (n=100) Mean (SD)	17 years (n=100) Mean (SD)	18 years (n=100) Mean (SD)	19 years (n=109) Mean (SD)	F
Height (cm)	146.0 1 (4.94)	148.07 (3.76)	149.82 (3.82)	150.44 (3.76)	151.53 (4.41)	152.18 (4.41)	152.48 (3.52)	152.80 (4.78)	153.15 (4.98)	153.55 (4.41)	33.28*
Weight (kg)	38.86 (4.65)	41.63 (5.29)	42.06 (4.25)	43.30 (4.09)	45.08 (4.03)	45.99 (3.92)	46.53 (4.45)	46.86 (3.63)	47.35 (4.45)	47.62 (3.64)	48.021*

Table 1: Anova table show age wise increase anthropometric variables of07n[(n)7.24 (able 1:)]TJ/TT2 1 Tf[ )55.4 (Anova te0)]TJ9F[(M)-28
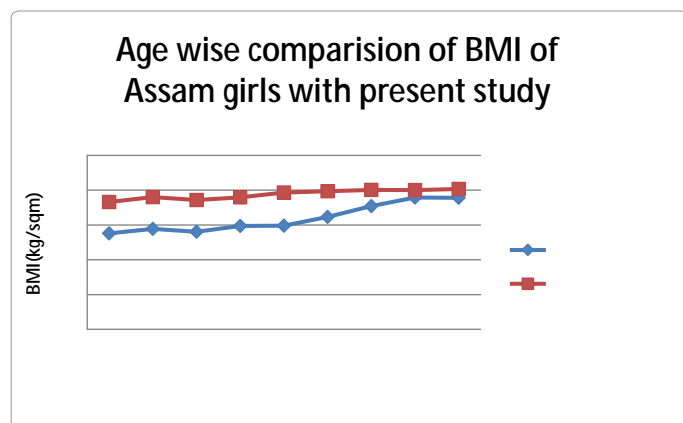
Output	Wellens and Malina	Claessens et al.	Bhadra	Present study
Median	12.94	12.81	12	12.11
Mean	12.91	12.75	12.04	12
S D	1.25	1.16	1	1.37
10th Percentile	11.31	11.36	10.80	10
90th Percentile	14,48	14.11	13.40	14
Range	7.56-17.03	8.22-15.89	9.80-14.20	8-17

Table 6: Comparison of descriptive statistics for me narcheal age (retrospective method) of Bengali girls and reference girls.