

**Table 4.** Anthropometric and hormonal features of PCOS women of Phenotype III regarding the levels of Androstenedione. Mann-Whitney test was used to assess the differences in the hormonal and metabolic profile of PCOS sub-groups

	Phenotype III			p value
	PCOS (n=130)	$\Delta 4 > 3.8$ (n=16)	$\Delta 4 \leq 3.8$ (n=114)	
Age	25.82±5.72	26.31±5.63	25.75±5.75	0.714†
BMI (Kgr/m <sup>2</sup> )	26.65±5.62	25.52±5.73	26.81±5.62	0.395†
Waist to Hip ratio	0.77±0.06	0.78±0.06	0.77±0.07	0.571†
FSH (mIU/ml)	6.26±1.72	7.08±1.44	6.14±1.73	0.040†
LH (mIU/ml)	6.08±3.90	9.51±6.42	5.60±3.16	0.000
R	0.98±0.51	1.31±0.68	0.93±0.46	0.010
PRL (ng/ml)	14.73±6.92	17.93±8.32	14.28±6.62	0.112
Testo (ng/dl)	73.63±27.32	95.85±39.11	70.51±23.86	0.020
$\Delta 4$ Andro (ng/ml)	2.80±1.06	5.08±0.78	2.48±0.61	0.000
Testo/ $\Delta 4$	28.29±11.47	18.66±6.74	29.64±11.37	0.000†
DHEAS ( $\mu$ g/dl)	3147±1319	4334±1656	2980±1180	0.000†
17OH (ng/ml)	1.14±0.57	1.70±0.52	1.06±0.83	0.000
SHBG (nmol/l))	42.85±23.64	41.98±29.52	42.97±22.86	0.862
FAI	7.51±4.38	10.32±5.87	7.11±4.01	0.120
Insulin ( $\mu$ IU/ml)	10.42±6.38	10.46±8.94	10.41±5.99	0.684
Glucose (mg/dl)	96.46±11.59	96.38±14.11	96.47±11.26	0.275†
HOMA2-IR	1.36±0.82	1.37±1.12	1.36±0.78	1.000
Quicki	0.34±0.03	0.35±0.03	0.34±0.03	0.676†
Glucose/ Insulin	12.60±7.68	13.19±7.44	12.53±7.74	1.000
Mean Follicular Number	11.87±3.93	11.43±2.83	11.92±4.05	1.000†
Mean Ovarian Volume (cm <sup>3</sup> )	8.15±3.35	8.92±5.40	8.04±2.96	0.680†

† The independent t-test was used.