

Table 2. Anthropometric, hormonal and metabolic parameters in PCOS and control women. Mean value ($\bar{x}$), standard error (SE), P-value

	PCOS (N=27) $\bar{x} \pm SE$	Controls (N=27) $\bar{x} \pm SE$	P for comparison between PCOS and control groups
Age (yrs)	25.41±0.80	27.33±0.83	0.10
BMI (kg/m2)	27.42±1.12	25.05±1.19	0.16
WHR	0.78±0.01	0.75±0.01	0.13
Total T (nmol/L)	2.97±0.19	1.38±0.09	<0.001
FAI*	339.08±48.90	106.43±11.46	<0.001
SHBG (nmol/l)	34.57±3.49	43.25±2.21	0.08
FSH (U/L)	4.98±0.33 (4.98±0.33)	5.40±0.52 (5.40±0.52)	0.48
LH (U/L)	8.47±0.97	5.84±0.66	0.03
Androstenedione (nmol/L)	10.85±0.76	5.37±0.38	<0.001
LH/FSH ratio	1.83±0.21	1.14±0.14	0.01
Glucose (mmol/L)	83.11±2.19 (4.61±0.12)	81.00±2.87 (4.5±0.16)	0.46
Insulin (basal) (pmol/L)*	94.00±16.10	62.40±7.00	0.06
Total cholesterol (mmol/L)	4.52±0.25	4.23±0.18	0.33
HDL cholesterol (mmol/L)	1.30±0.06	1.31±0.05	0.92
LDL cholesterol (mmol/L)	2.98±0.35	2.66±0.21	0.44
Triglycerides (mmol/L)	0.98±0.15	0.77±0.08	0.23
FFA (mmol/L)	0.02±0.001	0.02±0.01	0.39
Uric acid (μmol/L)	273.00±11.00	250.00±11.00	0.15
QUICKI index	0.342±0.005	0.359±0.005	0.04
MATSUDA index	3.83±0.37	6.77±0.91	0.006

*Not normally distributed. Mann Whitney test used

BMI: body mass index; WHR: waist-to-hip Ratio; T: testosterone; FAI: free androgen index; SHBG: sex hormone binding globulin; FSH: follicle stimulating hormone; LH: luteinizing hormone.