

Table 1. Anthropometric, hormonal and biochemical characteristics of patients with polycystic ovary syndrome (PCOS) and controls (mean SD).

Variable	PCOS (N=83)	Controls (N=64)	P
Age(years)	25.0 ± 4.9	26.6 ± 4.0	0.06*
BMI (kg/m ²)	25.8 ± 4.6	24.7 ± 4.6	0.17**
Glucose (mg/dl)	94.2±13.7	82.2 ± 12.5	<0.001*
Insulin (μU/ml)	10.0 ± 6.7	7.5 ± 4.3	<0.05**
HOMA-IR	2.3 ± 1.8	1.5 ± 0.9	<0.01**
AST (U/L)	18.5 ± 7.3	17.7 ± 3.8	0.41**
ALT (U/L)	15.9 ± 9.9	13.7 ± 6.5	0.14**
γGT (U/L)	14.3 ± 7.4	12.4 ± 4.5	0.07**
TChol (mg/dl)	185.0±41	171.4±22	<0.05*
Trg (mg/dl)	80.4±39.2	67.1±33.9	<0.05**
Testo (nmol/L)	2.8 ± 1.2	1.7 ± 0.5	<0.001*
fTesto (pg/ml)	2,3 ± 1,2	1,7 ± 0,5	<0,01*
SHBG (nmol/l)	39.7 ± 22.1	51.0 ± 27.8	<0.05*
FAI %	9.6± 7.0	5.0 ± 4.4	<0.001*

***unpaired t-test, **Mann-Whitney test**, BMI: body mass index, HOMA-IR: homeostasis model assessment, AST: aspartate aminotransferase, ALT: alanine aminotransferase, γGT: γ-glutamyl transpeptidase, TChol: total cholesterol, Trig: triglycerides, Testo: total testosterone, fTesto: free testosterone, SHBG: sex hormone-binding globulin, FAI: free androgen index. Conversion factors for SI units are as follows: fTesto, pmol/l = pg/ml x 3.467; Glucose, mmol/l = mg/dl x 0.0555; Insulin, pmol/l = μU/ml x 7.175; TChol, mmol/l = mg/dl x 0.02586; Trg, mmol/l= mg/dl x 0.0113