

**Table 1.** Clinical characteristics of women in PCOS and control groups

| Analyses                 | PCOS (N=222)   | Controls (N=45) | p                | Age adjusted p    |
|--------------------------|----------------|-----------------|------------------|-------------------|
| Age (years)              | 25.01 ± 4.89   | 28.58 ± 4.91    | <b>&lt;0.001</b> | -                 |
| BMI (kg/m <sup>2</sup> ) | 22.99 ± 4.57   | 21.62 ± 3.88    | 0.061            | <b>&lt;0.001</b>  |
| WC (cm)                  | 78.12 ± 12.77  | 75.72 ± 10.51   | 0.258            | <b>0.027</b>      |
| SBP (mmHg)               | 118.63 ± 12.03 | 116.67 ± 8.86   | 0.356            | 0.128             |
| DBP (mmHg)               | 77.73 ± 9.34   | 75.33 ± 7.64    | 0.135            | <b>0.037</b>      |
| Glucose (mmol/L)         | 4.66 ± 0.52    | 4.63 ± 0.50     | 0.697            | 0.313             |
| Insulin (mU/L)           | 17.71 ± 17.02  | 13.35 ± 7.37    | <b>0.018</b>     | <b>0.035</b>      |
| HOMA-IR                  | 3.75 ± 4.12    | 2.79 ± 1.61     | <b>0.022</b>     | <b>0.034</b>      |
| TC (mmol/L)              | 5.11 ± 1.13    | 4.86 ± 0.79     | 0.200            | <b>0.017</b>      |
| HDL (mmol/L)             | 1.37 ± 0.31    | 1.47 ± 0.33     | 0.069            | <b>0.024</b>      |
| LDL (mmol/L)             | 3.20 ± 1.03    | 2.95 ± 0.70     | 0.171            | <b>0.022</b>      |
| TG (mmol/L)              | 1.17 ± 0.75    | 0.97 ± 0.65     | <b>0.025</b>     | <b>&lt;0.001</b>  |
| Testosterone (nmol/L)    | 2.64 ± 1.16    | 1.79 ± 0.89     | <b>&lt;0.001</b> | <b>&lt;0.001</b>  |
| SHBG (nmol/L)            | 41.02 ± 23.24  | 62.76 ± 28.19   | <b>&lt;0.001</b> | <b>&lt;0.001</b>  |
| FAI (%)                  | 8.70 ± 7.27    | 3.24 ± 1.37     | <b>&lt;0.001</b> | <b>&lt;0.001</b>  |
| LAP                      | 28.94 ± 38.37  | 18.59 ± 23.47   | <b>0.047</b>     | <b>&lt; 0.001</b> |

BMI: body mass index; LAP: lipid accumulation product; WC: waist circumference; SBP: systolic blood pressure; DBP: diastolic blood pressure; HOMA-IR: homeostatic model of insulin resistance; TC: total cholesterol; HDL: high density lipoprotein; LDL: low density lipoprotein; TG: triglycerides; SHBG: sex hormone binding protein; FAI: free androgen index.