

Table 1. Various parameters in the two groups (patients vs controls) by gender. Data presented as mean (SD)

Parameters	Male Patients (N=59)	Male Controls (N=27)	Female Patients (N=38)	Female Controls (N=23)
Age (years)	20.05 (1.93)	19.78 (1.72)	20.34 (2.02)	19.96 (1.61)
Weight (kg)	44.32 (9.38)	67.67 (9.28) *	46.86 (7.80)	55.61 (7.04) *
Height (cm)	149.9 (9.55)	171.74 (7.05) *	150.5 (7.81)	160.30 (6.65) *
BMI (kg/m ²)	19.54 (2.56)	22.96 (2.92) *	20.56 (2.28)	21.71 (3.05) *
Ferritin (ng/ml)	4196 (2402)	38.89 (22.96) *	4907 (1881)	23.16 (8.15) *
LH (IU/L)	2.22 (1.96)	4.15 (1.91) *	4.27 (2.53)	5.94 (1.87) *
FSH (IU/L)	2.40 (2.11)	7.43 (2.96) *	3.51 (2.60)	10.47 (3.91) *
Progesterone (nmol/L)	0.64 (0.45)	0.95 (0.57)*	3.85 (5.11)	19.30 (10.78)*
	0.20 (0.14)	0.30 (0.18)	1.21 (1.67)	6.07 (3.39)
Testosterone (nmol/L)	6.49 (5.90)	19.09 (5.17)*	1.46 (0.62)	2.53 (0.97)*
	1.87 (1.70)	5.50 (1.49)	0.42 (0.18)	0.73 (0.28)
Estradiol (nmol/L)	68.30 (41.10)	107.79 (37.21)*	120.93 (77.14) 32.95	270.11 (87.64)*
	18.61 (11.20)	29.37 (10.14)	(21.02)	73.60 (23.88)
Leptin (ng/ml)	2.40 (2.28)	4.30 (1.99) *	4.39 (1.95)	17.30 (5.60) *
α Ghrelin (pg/ml)	61.78 (22.37)	87.91 (42.44) *	80.73 (29.10)	142.68 (43.25) *
Ratio of Leptin/ α - Ghrelin	44.21 (45.23)	58.07 (33.11)	62.39 (36.84)	131.90 (60.97)*

* Significant differences (p <0.05) between patients and gender matched controls. N: number of participants in each group, α ghrelin: acylated-ghrelin.