

**Table 1.** Anthropometric and laboratory parameters of patients who completed the study at baseline, 3 months and 6 months of treatment.

Variable	Time	OCP1 (n=38)	OCP2 (n=36)	MET (n=35)	p value*
BMI (kg/m <sup>2</sup> )	0	21.80±0.35	22.37±0.48	23.03±0.67	0.238
	3 months	21.99±0.36	22.72±0.48	22.64±0.68	0.548
	6 months	22.28±0.37	22.68±0.50	22.44±0.70	0.867
	p-value †	<0.001	<0.001	0.001	
HOMA-IR	0	1.39 (1.06)	1.92 (1.08)	2.38 (1.57)	0.001
	3 months	1.89 (1.74)	2.12 (1.53)	1.81 (1.61)	0.968
	6 months	2.26 (1.65)	2.42 (1.44)	1.53 (0.87)	<0.001
	p-value †	0.001	0.015	0.001	
Testo (nmol/l)	0	2.95±0.15	3.00±0.12	2.85±0.09	0.681
	3 months	1.83±0.14	1.91±0.11	2.88±0.13	<0.001
	6 months	1.61±0.09	1.99±0.13	2.32±0.07	<0.001
	p-value †	<0.001	<0.001	0.001	
SHBG (nmol/l)	0	52.80±3.70	49.50±3.70	45.80±3.40	0.385
	3 months	220.20±15.80	209.30±11.40	52.50±4.30	<0.001
	6 months	247.90±12.90	230.50±13.00	44.90±3.00	<0.001
	p-value †	<0.001	<0.001	0.049	
FAI	0	5.82 (2.87)	7.48 (4.78)	6.40 (4.00)	0.42
	3 months	0.80 (0.69)	0.98 (0.67)	5.97 (6.42)	<0.001
	6 months	0.66 (0.50)	0.88 (0.63)	5.71 (2.70)	<0.001
	p-value †	<0.001	<0.001	0.012	
AGEs (IU/ml)	0	7.72±0.33	7.98±0.27	8.51±0.29	0.167
	3 months	7.32±0.44	7.93±0.27	7.91±0.23	0.325
	6 months	7.22±0.46	7.59±0.32	6.80±0.23	0.079
	p-value †	0.005	0.069	<0.001	
CRP (mg/L)	0	1.36 (0.68)	1.09 (0.68)	1.34 (0.65)	0.841
	3 months	1.88 (0.72)	1.32 (1.07)	1.00 (0.28)	<0.001
	6 months	2.63 (0.73)	1.93 (1.44)	0.75 (0.48)	<0.001
	p-value †	<0.001	<0.001	<0.001	

\* ANOVA or Kruskal-Wallis test for comparisons between the three groups.

† Repeated measures ANOVA or Friedman test for within group comparisons between 0, 3 and 6 months.

Values are presented as means±SE for normal variables or medians (interquartile range) for variables with not normal distribution. To convert testosterone from SI (nmol/l) to conventional units (ng/dl), divide by 0.0347.