

**Table S1:** Pre- and post-treatment semen parameters and testosterone levels in oligozoospermic hypogonadal obese men treated with clomiphene citrate for male infertility

Parameters	Pre-Rx	Post-Rx	Difference	p-value
	Mean $\pm$ SD	Mean $\pm$ SD	Mean $\pm$ SD	
Sperm Concentration ( $\times 10^6/\text{mL}$ )	4.7 $\pm$ 9.8	11.4 $\pm$ 15.6	6.8 $\pm$ 10.3	<0.05
Total Sperm Count ( $\times 10^6$ )	20.7 $\pm$ 59.5	42.9 $\pm$ 63.4	22.1 $\pm$ 62.1	0.22
Motility (%)	20.8 $\pm$ 17.3	41.5 $\pm$ 11.8	20.6 $\pm$ 22.8	<0.05
Normal Head Forms (%)	11.3 $\pm$ 9.8	20.7 $\pm$ 9.3	9.4 $\pm$ 13.8	<0.05
Testosterone (ng/dL)	193.8 $\pm$ 59.3	332.7 $\pm$ 114.8	138.8 $\pm$ 127.8	<0.05

*Note: p-value <0.05 is considered statistically significant*