

**Table S6:** Correlation factors between Area Under Curve (AUC) of ipGTT and ipITT and sperm parameters. The correlation was obtained using the Spearman r with Approximate p-value (n = 35). \* p < 0.05; \*\* p < 0.005; \*\*\* < 0.0005; \*\*\*\* p < 0.0001.

		Sperm concentration	Sperm viability	Sperm motility	Normal	Decapitated	Pin head	Flattened head	Bent neck	Coiled tail
AUC ipGTT	r value	-0.2017	-0.1793	-0.0756	-0.2365	-0.0883	0.1434	-0.1002	<b>0.5211 **</b>	-0.0701
	P (two-tailed)	0.2452	0.3028	0.6659	0.2082	0.6425	0.4496	0.5985	0.0031	0.7129
AUC ipITT	r value	-0.1771	-0.1862	0.03712	<b>-0.5029 **</b>	0.2450	0.1711	0.0098	<b>0.4045 *</b>	-0.0427
	P (two-tailed)	0.3088	0.2843	0.8323	0.0046	0.1919	0.3659	0.9590	0.0266	0.8226