

Table 1. IVF/ICSI outcomes in women without PCOS and with repeated IVF/ICSI failures, on metformin compared to outcomes of previous attempts without metformin in the same subjects

	Metformin IVF/ICSI	Previous IVF/ ICSI
Stimulated cycles	33	104
Dominant follicle diameter (mm) ^a	19.6 ±0.2 ^b	18.6 ±0.2
No. of follicles ≥12 mm in diameter ^a	12.6 ±1.8	10.8 ±0.9
Estradiol(pg/mL) ^a	2418 ±276 ^c	1878 ±144
Estradiolper follicle ≥12 mm (pg/mL) ^a	252 ±18 ^b	208 ±10
Endometrial thickness (mm) ^a	10.9 ±0.3	10.3 ±0.2
Canceled cycles (% of stimulated cycles)	0 (0%)	9 (8.7%)
Oocyte retrieval (cycles)	33	95
Embryo transfer	33	94
Clinical pregnancy (% of stimulated cycles)	12 (36.4%) ^d	10 (9.6%)
Ongoing pregnancy (% of stimulated cycles)	10 (30.3%) ^c	2 (1.9%)
No. of oocytes	11.5 ±1.6	9.3 ±1.0
No. of fertilized oocytes	8.1 ±1.1	6.5 ±0.7
No. of embryos	7.6 ±1.0	6.2 ±0.6
No. of superior embryos	3.2 ±0.5 ^c	2.1 ±0.2

^aOn the day of hCG administration.

^bMean ±SEM, p<0.01 vs. previous IVF/ICSI (Mann-Whitney u-test).

^cp<0.05 vs. previous IVF/ICSI (Mann-Whitney u-test).

^dp<0.001 vs. previous IVF/ICSI (chi-squared test).

^ep<0.0001 vs. previous IVF/ICSI (Fisher's exact test).