

Table 5a GEE analysis of factors for prediction of clinical pregnancy rate per embryo transfer

(a) Factors	Exp(B), 95% CI	Wald (χ^2)	P Value
Methods			
IVF/ICSI	1		
PGT-A	5.74 (1.63-20.59)	7.340	0.007
Female age	1.08 (0.95-1.23)	1.233	0.267
Infertility duration	0.96 (0.90-1.02)	1.759	0.185
Body mass index	0.93 (0.86-1.01)	2.78	0.096
Cause of infertility		8.449	0.207
With tubal factor	1		
With endometriosis	0.43 (0.38-4.87)	0.467	0.494
With DOR	0.72 (0.39-1.34)	1.054	0.305
With RPL	1.92 (0.69-5.31)	1.563	0.211
With ovulatory disorders	4.79 (0.92-24.99)	3.463	0.063
With male factor	1.10 (0.40-3.04)	0.032	0.858
Mixed factors	1.02 (0.53-1.96)	0.004	0.949
Infertility types			
Primary infertility	1		
Secondary infertility	0.71 (0.30-1.66)	0.635	0.426
Ovarian stimulation protocol		4.335	0.502
Antagonist protocol	1		
Long protocol	0.89 (0.48-1.65)	0.133	0.716
Soft stimulation protocol	1.09 (0.43-2.76)	0.030	0.862
Short protocol	2.59 (0.98-6.87)	3.652	0.056
PPOS protocol	1.01 (0.47-2.20)	0.001	0.980
Other protocols	0.97 (0.31-3.01)	0.004	0.952
Basal antral follicle count	1.12 (0.82-1.55)	0.513	0.473
Basal-FSH (U/L)	0.97 (0.92-1.02)	1.50	0.221
Endometrial preparation protocol		2.920	0.404
Fresh embryo transfer	1		
Natural cycle	0.96 (0.42-2.19)	0.007	0.931
Stimulated cycle	0.69 (0.28-1.71)	0.652	0.419
HRT cycle transfer	1.22 (0.59-2.53)	0.299	0.585
Endometrial thickness on the day of transfer	1.13 (0.99-1.29)	3.047	0.081
Blastocyst transfer			
No	1		
Yes	21.93 (6.65-72.37)	25.701	<0.001
No. of embryos transferred			
1	1		
2	0.39 (0.12-1.28)	2.401	0.121

Data are presented as adjusted odds ratios [Exp(B)] with 95% confidence intervals (CI) and P value. IVF: in vitro fertilization. ICSI: intracytoplasmic sperm injection. PGT-A: preimplantation genetic testing for aneuploidy. DOR: diminished ovarian reserve. RPL: recurrent pregnancy loss. PPOS: progestin-primed ovarian stimulation. HRT: hormone replacement therapy. FSH: follicle-Stimulating Hormone.