

Supplementary Table S3. Multivariate logistic regression analyses for the effect of luteal support medications on the outcome of live birth.

	IVF/ICSI cycles aRR (95% CI)	HRT-FET cycles aRR (95% CI)
Age		
<35 years (ref)		
35–37 years	0.83 (0.77, 0.90)	0.92 (0.87, 0.97)
38–39 years	0.68 (0.62, 0.76)	0.84 (0.79, 0.90)
40–41 years	0.54 (0.47, 0.62)	0.83 (0.77, 0.89)
≥ 42 years	0.22 (0.18, 0.30)	0.70 (0.64, 0.77)
Duration of subfertility (years)	0.96 (0.94, 0.98)	0.96 (0.95, 0.97)
BMI		
<25 kg/m ² (ref)		
25–30 kg/m ²	1.05 (0.99, 1.11)	0.99 (0.95, 1.05)
>30 kg/m ²	1.04 (0.95, 1.15)	0.94 (0.87, 1.01)
Number of ART cycles	0.57 (0.54, 0.60)	0.78 (0.76, 0.80)
Ethnicity		
White (ref)		
Asian	0.75 (0.68, 0.84)	0.84 (0.78, 0.90)
Black	0.70 (0.52, 0.94)	0.94 (0.81, 1.08)
Chinese	0.94 (0.70, 1.25)	0.79 (0.60, 1.04)
Mixed/Others	0.98 (0.82, 1.17)	0.92 (0.81, 1.04)
Cause of subfertility		
Ovulatory factor	1.17 (1.03, 1.33)	1.00 (0.93, 1.08)
Tubal Factor	0.96 (0.86, 1.07)	0.95 (0.87, 1.03)
Uterine Factor	0.99 (0.87, 1.12)	0.99 (0.91, 1.09)
Male factor	0.99 (0.91, 1.09)	1.29 (1.21, 1.37)
Unexplained	0.97 (0.91, 1.04)	1.00 (0.95, 1.06)
Luteal support		
Cyclogest® (reference)		
Utrogestan®	1.11 (1.04 to 1.19)	1.09 (1.05 to 1.14)
AMH	1.00 (0.99, 1.01)	
Number of oocytes	1.00 (0.99, 1.00)	
Type of stimulation protocol		
Long protocol (ref)		
Antagonist protocol	0.83 (0.78 to 0.88)	
Number of embryos transferred	1.17 (1.07, 1.28)	1.17 (1.10, 1.24)
Previous live births	1.26 (1.20, 1.33)	1.09 (1.05, 1.12)
Previous miscarriages	0.92 (0.84, 1.02)	1.02 (0.95, 1.09)

aRR = adjusted Risk Ratio; HRT-FET, hormone replacement therapy-frozen embryo transfer.