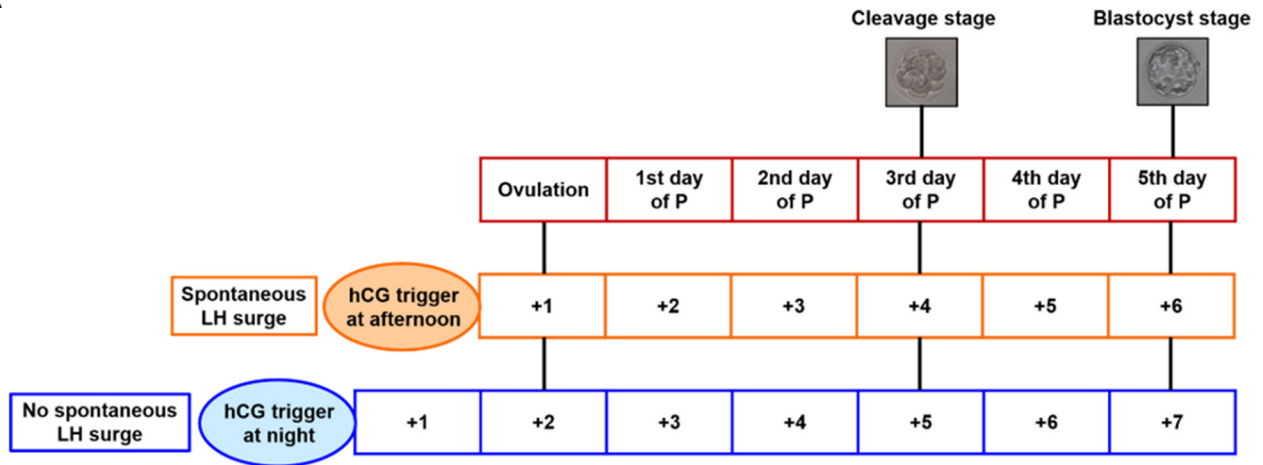
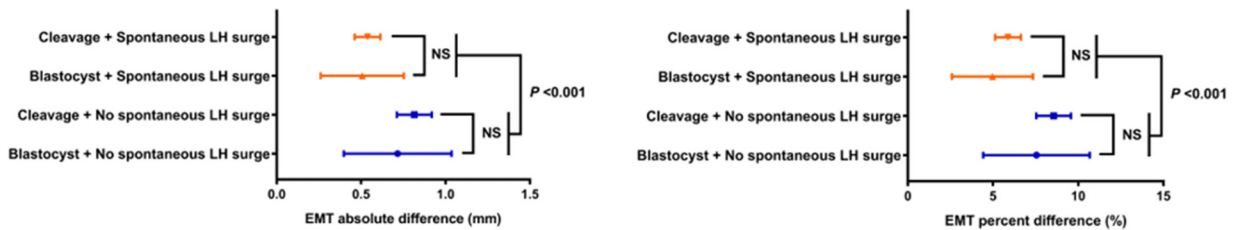


A



B



**Figure S1** Endometrial thickness (EMT) change after human chorionic gonadotrophin (hCG) triggering in modified natural cycles for frozen-thawed embryo transfer (FET). (A) The scheme of FET timing; (B,C) comparison of absolute and percent changes of post-trigger EMT in cleavage- and blastocyst-stage embryo transfer cycles with or without spontaneous luteinizing hormone (LH) surge. The error bars show the 95% CIs. P, progesterone; NS, no significance.

**Table S1** Multiple regression analysis of possible determinants for live birth.

	Adjusted OR (95% CI)	Wals	P-value
<b>Maternal age (years)</b>			
<30	Reference		
30–34	0.86 (0.72–1.04)	2.481	0.115
35–37	0.62 (0.47–0.80)	12.734	<0.001
38–40	0.56 (0.39–0.79)	11.095	0.001
≥41	0.11 (0.06–0.21)	52.252	<0.001
<b>Maternal BMI (kg/m<sup>2</sup>)</b>			
<18.5	0.86 (0.68–1.10)	1.457	0.227
18.5–24.9	Reference		
25.0–29.9	1.05 (0.77–1.44)	0.108	0.742
≥30	0.46 (0.22–0.99)	3.868	0.049
Gravidity (≥1 vs. 0)	0.95 (0.79–1.13)	0.355	0.551
Parity (≥1 vs. 0)	1.08 (0.79–1.48)	0.239	0.625
<b>Duration of infertility (years)</b>			
<3	Reference		
3–6	0.98 (0.82–1.17)	0.045	0.832
>6	0.77 (0.60–0.99)	4.264	0.039
<b>Infertility diagnosis</b>			
Male factor	Reference		
Tubal factor	0.68 (0.51–0.91)	6.855	0.009
Other	0.78 (0.49–1.23)	1.171	0.279
Unexplained	0.87 (0.59–1.28)	0.478	0.489
Combined	0.74 (0.56–0.99)	4.208	0.040
<b>Ovarian stimulation protocol</b>			
GnRH antagonist	Reference		
GnRH agonist short	0.68 (0.37–1.25)	1.513	0.219
Mild stimulation	0.86 (0.47–1.54)	0.272	0.602
Progestin-primed ovarian stimulation	1.05 (0.57–1.92)	0.022	0.882
<b>Fertilization method</b>			
IVF	Reference		
ICSI	0.86 (0.68–1.09)	1.614	0.204
IVF + ICSI	0.85 (0.64–1.12)	1.316	0.251
Year of treatment (after vs. before 2013)	0.97 (0.80–1.16)	0.140	0.708
<b>EMT on trigger day (mm)</b>			
<8	0.69 (0.47–1.01)	3.565	0.059
8–13.9	Reference		
≥14	1.20 (0.90–1.61)	1.555	0.212
<b>Post-trigger EMT percent difference</b>			
>5% decrease	0.88 (0.69–1.12)	1.049	0.306
±5% plateau	Reference		
>5% increase	1.05 (0.88–1.25)	0.244	0.621
Spontaneous LH surge (yes vs. no)	0.96 (0.82–1.13)	0.250	0.617
No. of embryos transferred (double vs. single)	2.22 (1.69–2.93)	32.494	<0.001
Embryo stage at transfer (blastocyst vs. cleavage)	1.63 (1.22–2.19)	10.607	0.001
Transfer of ≥1 top-quality embryo (yes vs. no)	1.21 (1.01–1.46)	4.022	0.045

OR, odds ratio; CI, confidence interval; BMI, body mass index; GnRH, gonadotropin-releasing hormone; IVF, *in vitro* fertilization; ICSI, intracytoplasmic sperm injection; EMT, endometrial thickness; LH, luteinizing hormone.