

human reproduction **SUPPLEMENTARY DATA**

Supplementary Table S1 Treatment outcomes—per protocol analysis.

	Progesterone (N = 79)	Placebo (N = 78)			
Binary outcomes					
	n/N (%)	n/N (%)	RR*	95% CI*	P-value*
Live birth	64/79 (81.0)	65/77 (84.4)	0.96	0.83–1.11	0.574
Miscarriage	13/79 (16.5)	12/77 (15.6)	1.06	0.51–2.17	0.882
< 12 weeks	8/77 (10.4)	7/76 (9.2)	1.13	0.43–2.96	0.806
12–20 weeks	3/77 (3.9)	4/76 (5.3)	0.74	0.174–3.2	0.687
Pregnancy loss between 20 and 23 weeks	2/79 (2.5)	0/77 (0.0)	NA	NA	NA
Preterm birth	9/78 (11.5)	7/76 (9.2)	1.25	0.49–3.19	0.637
Preterm birth before 35 weeks	6/78 (7.7)	4/76 (5.3)	1.46	0.43–4.98	0.544
Preterm birth before 32 weeks	5/78 (6.4)	2/76 (2.6)	2.44	0.49–12.18	0.278
Preterm birth before 28 weeks	5/78 (6.4)	2/76 (2.6)	2.44	0.49–12.18	0.278
Small for gestational age	2/63 (3.2)	2/63 (3.2)	1	0.15–6.88	1
PPROM	7/75 (9.3)	5/75 (6.7)	1.4	0.47–4.21	0.55
Threatened preterm labour	11/75 (14.7)	8/74 (10.8)	1.36	0.58–3.18	0.483
Antepartum haemorrhage	4/75 (5.3)	13/74 (17.6)	0.3	0.1–0.89	0.03
Gestational diabetes	9/75 (12.0)	15/75 (20.0)	0.6	0.28–1.29	0.189
Gestational hypertension	6/75 (8.0)	5/75 (6.7)	1.2	0.38–3.76	0.755
Pre-eclampsia	2/75 (2.7)	3/75 (4.0)	0.67	0.11–3.88	0.652
Venous thromboembolism	3/67 (4.5)	0/66 (0.0)	NA	NA	NA
Postnatal depression	0/64 (0.0)	5/64 (7.8)	NA	NA	NA
Vaginal birth	43/78 (55.1)	33/76 (43.4)	1.27	0.92–1.76	0.151
Assisted vaginal birth	9/78 (11.5)	8/76 (10.5)	1.1	0.45–2.69	0.841
Elective caesarean	12/78 (15.4)	16/76 (21.1)	0.73	0.37–1.44	0.365
Emergency caesarean	10/78 (12.8)	16/76 (21.1)	0.61	0.30–1.26	0.179
Congenital anomaly	7/72 (9.7)	2/71 (2.8)	3.45	0.74–16.05	0.114
Nursery admission	16/77 (20.8)	11/73 (15.1)	1.38	0.69–2.77	0.367
Neonatal mortality	1/79 (1.3)	0/76 (0.0)	NA	NA	NA
Continuous outcomes					
	Median (IQR)	Median (IQR)			P-value#
Gestational age at birth (weeks)	39.0 (38.0–39.9)	39.0 (37.9–40.0)			0.807
Birth weight (g)	3390 (2962–3657)	3290 (2900–3730)			0.798
Depression score (at end of intervention)	2 (0–4)	0 (0–2)			0.212
Anxiety score (at end of intervention)	2 (0–6)	2 (0–6)			0.849
Stress score (at end of intervention)	4 (2–10)	4 (0–10)			0.277
Depression score (postpartum)	0 (0–2)	2 (0–4)			0.64
Anxiety score (postpartum)	0 (0–4)	0 (0–2)			0.734
Stress score (postpartum)	6 (2–8)	4 (0–8)			0.349

*Results of log-binomial regressions.

#Results of Wilcoxon rank-sum test.

RR: risk ratio; PPRM: preterm prelabour rupture of membranes; IQR: interquartile range.