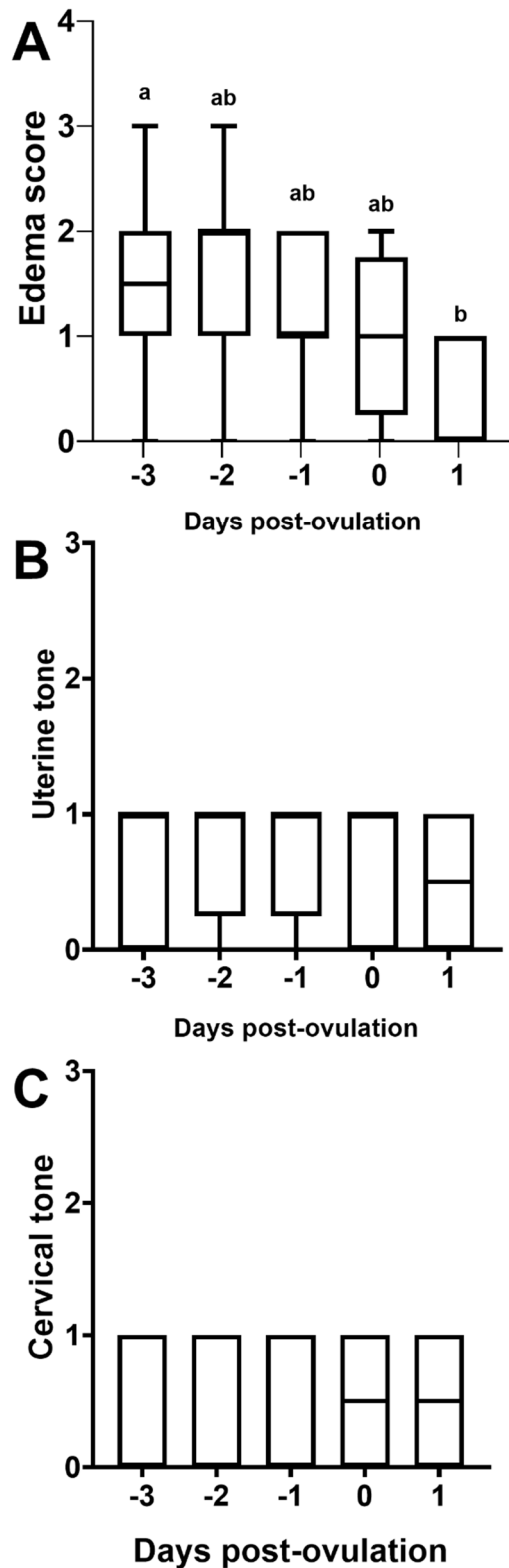
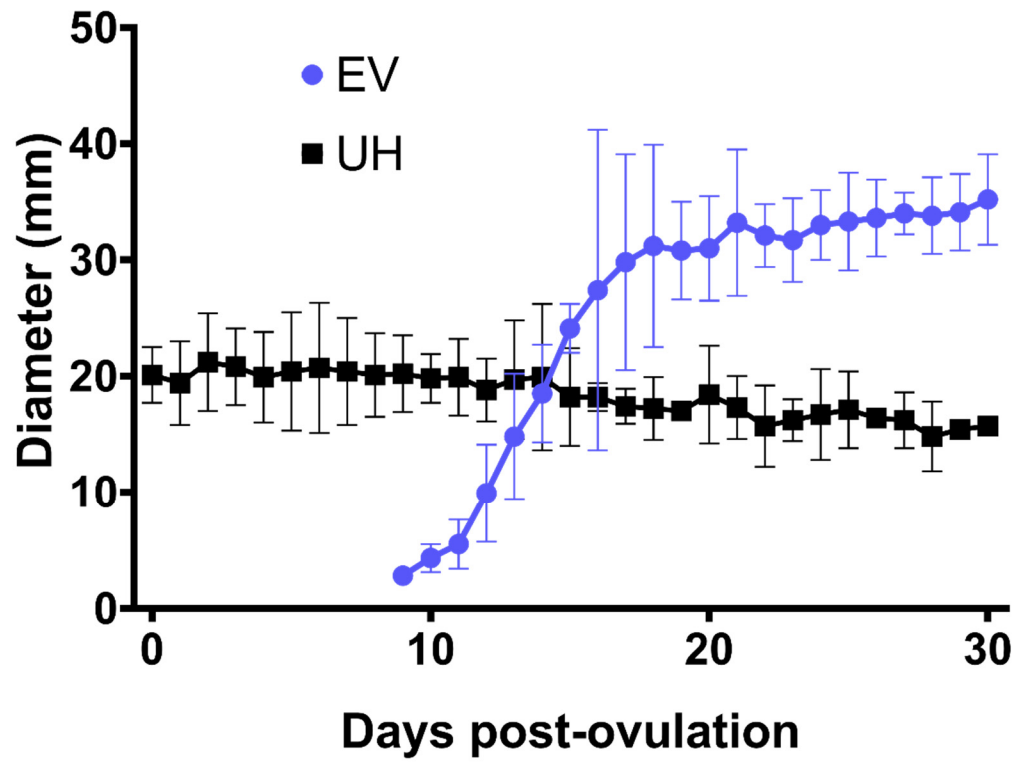


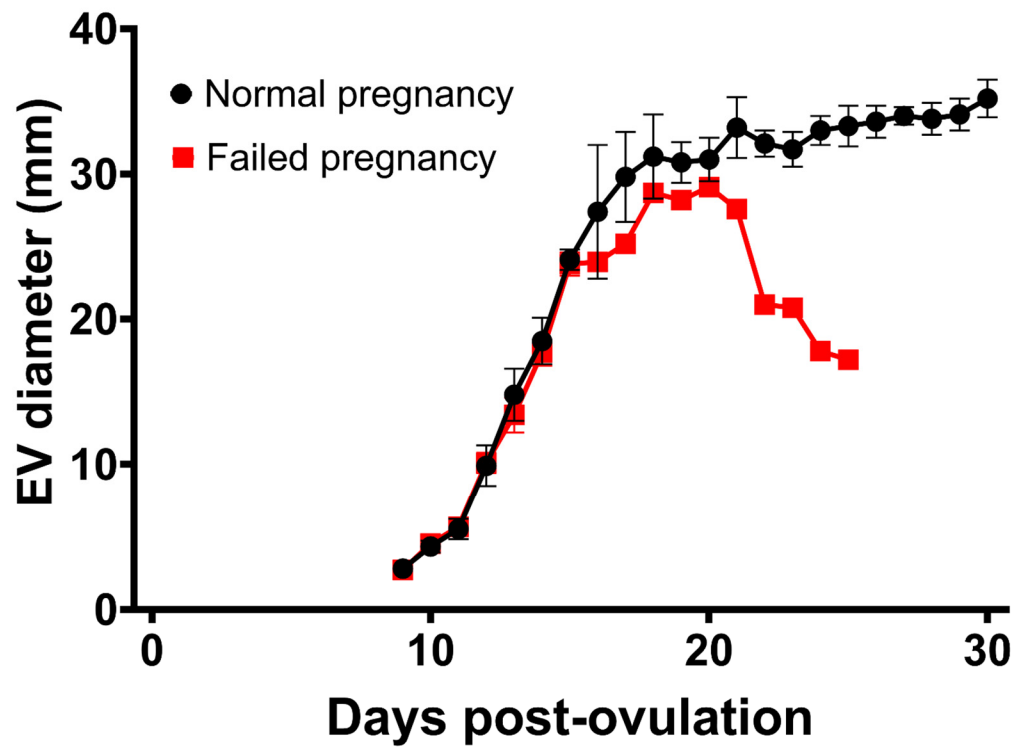
## Supplement



**Figure S1.** Median and interquartile ranges of endometrial edema (A), uterine (B), and cervical tone (C) of jennies (n = 8) during the days from ovulation. Day 0, day of ovulation. Endometrial edema: 0, no edema; 1, mild edema; 2, moderate edema; 3, evident edema; 4, exacerbated edema. Uterine and cervical tone: 0, flaccid and 3, turgid. Different superscripts (<sup>a,b</sup>) denotes difference between moments ( $P < 0.05$ ).



**Figure S2.** Mean  $\pm$  SD of the uterine horn (UH) and the embryonic vesicle (EV) diameters during the first 30 days of pregnancy in eight Caribbean jennies. Day of ovulation, day 0.



**Figure S3.** Mean $\pm$ SEM diameter of embryonic vesicle from the day of detection (Day 9-10) to Day 30 of pregnancy for embryos surviving at least to 30 days (Normal pregnancy), and for one individual pregnancy that terminated spontaneously 22 days after ovulation (Failed pregnancy).

**Table S1.** Mixed effects linear regression coefficients for CL volume for the first 10 days after ovulation, with jenny as random variable.

<b>Factor</b>	<b>Coefficient</b>	<b>St. Error</b>	<b>z</b>	<b>P&gt; z </b>	<b>95% confidence interval</b>	
<b>Pregnancy</b>	0.70	0.45	6.2	0.123	-0.19	1.58
<b>Day</b>	0.38	0.06	6.2	0.000	0.26	0.50
<b>Constant</b>	5.5	0.61	9.01	0.000	4.31	6.70

**Table S2.** Mixed effects linear regression for progesterone concentration for first 10 days after ovulation, with jenny as random variable.

<b>Factor</b>	<b>Coefficient</b>	<b>St. Error</b>	<b>z</b>	<b>P&gt; z </b>	<b>95% confidence interval</b>	
<b>Pregnancy</b>	4.25	0.98	4.35	0.000	2.34	6.16
<b>Day</b>	2.74	0.14	19.26	0.000	2.46	3.02
<b>Constant</b>	3.23	1.91	1.70	0.090	-0.50	6.97

**Table S3.** Mixed effects linear regression coefficients for embryonic vesicle diameter, including jenny as random variable, up to Day 18 after ovulation.

<b>Factor</b>	<b>Coefficient</b>	<b>St. Error</b>	<b>z</b>	<b>P&gt; z </b>	<b>95% confidence interval</b>	
<b>Day</b>	2.98	0.22	13.51	0.000	2.55	3.42
<b>Cum. P4</b>	0.025	0.007	3.38	0.001	0.011	0.39
<b>Constant</b>	-31.99	1.44	-22.27	0.000	-34.82	-29.18