

Table S2. Rates of composite adverse perinatal outcome in various subgroups

	Rate of Composite Adverse Perinatal Outcome		P-value of the interaction
	17-hydroxy- progesterone caproate	Placebo	
Cervical length at ≤ 26 weeks			0.71
$< 30^{\text{th}}$ percentile (< 31 mm)	14/39 (36)	14/33 (42)	
$\geq 30^{\text{th}}$ percentile (≥ 31 mm)	33/126 (26)	23/60 (38)	
Cervical length at ≤ 26 weeks ^a			0.09
≤ 25 mm	11/23 (48)	12/27 (44)	
> 25 mm	36/141 (26)	25/66 (38)	
Prior spontaneous preterm birth			0.86 ^b
Yes	13/30 (43)	15/36 (42)	
No	127/378 (34)	86/252 (34)	
Maternal Body Mass Index			0.60
< 25 kg/m ²	68/231 (29)	40/135 (30)	
≥ 25 kg/m ²	66/153 (43)	59/144 (41)	
Maternal Race			0.19 ^c
Caucasian	97/306 (32)	81/234 (35)	
Other	43/102 (42)	20/54 (37)	
Chorionicity ^a			0.12 ^c
Trichorionic	105/336 (31)	83/228 (36)	
Dichorionic	14/36 (39)	11/27 (41)	
Monochorionic	16/21 (76)	0/0	
Assisted Reproduction Techniques ^a			0.15
Yes	99/320 (61)	70/207 (34)	
No	38/84 (45)	28/75 (37)	

Data expressed as n/N (%)

^a These subgroup analyses were added after the protocol was finalized^b Generalized estimating equations without random components^c Random slope removed from model due to low numbers