

Title	Maternal sildenafil for severe fetal growth restriction (STRIDER): a multicentre, randomised, placebo-controlled, double-blind trial
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## Child & Adolescent Health

### Supplementary appendix

This appendix formed part of the original submission and has been peer reviewed. We post it as supplied by the authors.

Supplement to: Sharp A, Cornforth C, Jackson R, et al, on behalf of the STRIDER group. Maternal sildenafil for severe fetal growth restriction (STRIDER): a multicentre, randomised, placebo-controlled, double-blind trial. *Lancet Child Adolesc Health* 2017; published online Dec 6. [http://dx.doi.org/10.1016/S2352-4642\(17\)30173-6](http://dx.doi.org/10.1016/S2352-4642(17)30173-6).

**Supplementary Table 1: Longitudinal analysis of angiogenic biomarkers**

**sEng (ng/ml)**

<b>Time</b>	<b>Placebo</b>	<b>Sildenafil</b>	<b>Total</b>
Pretreatment	32.12 (20.805, 58.24)	37.805 (19.523, 49.208)	33.61 (20.205, 57.72)
2 hours post	30.75 (18.62, 54.273)	34.285 (17.372, 49.737)	31.55 (17.892, 52.55)
3 - 4 days	28.675 (18.005, 51.572)	33.625 (17.235, 50.463)	30.08 (17.235, 50.89)
7 - 8 days	30.42 (21.28, 53.703)	34.775 (18.215, 53.675)	32.99 (18.385, 54.025)
10 - 11 days	25.885 (19.312, 49.67)	32.775 (17.312, 48.76)	30.13 (18.247, 49.62)
13 - 14 days	32.23 (23.275, 50.905)	26.77 (18.5, 48.88)	30.115 (20.455, 49.805)
<b>ANOVA</b>	<b>Treatment</b> 0.43	<b>Time</b> 0.89	<b>Treatment*Time Interaction</b> 0.99

**sFlt-1 (pg/ml)**

Pretreatment	6975 (5235.5, 10149.25)	6894 (5025, 11146)	6894 (5025, 10380)
2 hours post	6792 (4678.5, 9712.5)	6370 (4594, 9874)	6625.5 (4627.75, 9808.75)
3 - 4 days	7522 (5592.5, 9048.5)	7402 (4941.5, 10510.75)	7522 (5135, 9253)
7 - 8 days	7834 (5574.75, 9652.75)	7335 (4518.5, 9816)	7652 (5213, 9812)
10 - 11 days	7852 (5685.5, 10025.25)	6980 (4752, 8416.5)	7498.5 (5020, 9699.75)
13 - 14 days	7325 (6025, 9993.5)	6707 (5606, 9827.5)	7304.5 (5766.25, 9993.75)
<b>ANOVA</b>	<b>Treatment</b> 0.64	<b>Time</b> 0.98	<b>Treatment*Time Interaction</b> 0.95

**PGF (pg/ml)**

Pretreatment	25 (13, 42)	21 (14, 42)	22 (13, 42)
2 hours post	23 (11.5, 41.5)	26 (15, 49)	23.5 (12, 43.75)
3 - 4 days	23 (13, 48.5)	22 (16, 37)	23 (13, 43)
7 - 8 days	35.5 (15.5, 68.75)	18 (12, 35)	24 (13, 49)
10 - 11 days	34 (14.25, 72.25)	28 (17.25, 46.75)	31.5 (16, 49.75)
13 - 14 days	36 (16, 64)	20 (13, 40)	26 (15, 50.5)
<b>ANOVA</b>	<b>Treatment</b> <b>0.07</b>	<b>Time</b> 0.89	<b>Treatment*Time Interaction</b> 0.81

**Supplementary Table 1: Longitudinal analysis of angiogenic biomarkers****sFlt-1:PGF ratio**

Pretreatment	316.45 (161.4, 592.975)	365 (182.2, 583.1)	343.9 (167.2, 591.6)
2 hours post	295.3 (150.65, 599.15)	355.3 (137.4, 533.1)	325.1 (148.85, 568.1)
3 - 4 days	336.5 (133.2, 634.25)	399.55 (150.5, 533.925)	367.3 (142.3, 562.3)
7 - 8 days	258.15 (131.7, 497.5)	401.8 (189.3, 632.8)	319 (169.9, 545.6)
10 - 11 days	233.9 (109.325, 628.2)	273.45 (131.4, 464.75)	248.35 (111.175, 490.05)
13 - 14 days	208.1 (125.4, 538.25)	421.4 (216.85, 470.3)	313.6 (170.875, 473.425)
ANOVA	Treatment <b>0.047</b>	Time 0.66	Treatment*Time Interaction 0.87

\* Median (interquartile range)