

Supplementary Table SII Description of patients (PCOS and controls) according to fetal sex.

	Boy				Girl			
	N = 35				N = 21			
	N	PCOS N = 16	N	Control N = 19	N	PCOS N = 12	N	Control N = 9
First trimester (T1)								
Weight gain (kg)	15	0.0 (−2.0 to 2.0)	19	1.0 (0.0 to 3.0)	12	1.5 (0.0 to 2.5)	9	2.0 (1.0 to 3.0)
BMI (kg/m ²)	16	26.0 (22.8 to 29.3)	19	30.4 (22.2 to 33.1)	12	23.8 (20.6 to 27.2)	9	23.2 (20.4 to 27.1)
AMH (pmol/l)	15	44.4 (28.8 to 57.6)	19	17.2 (9.0 to 20.4)	12	33.3 (26.2 to 47.8)	9	11.8 (10.6 to 14.0)
Cleaved AMH (pmol/l)	13	29.2 (18.4 to 34.4)	19	9.8 (5.6 to 14.0)	11	20.6 (16.0 to 31.0)	9	7.8 (6.8 to 8.8)
TT (ng/ml)	15	0.83 (0.69 to 1.19)	19	0.55 (0.46 to 0.93)	12	0.76 (0.67 to 0.91)	9	0.59 (0.41 to 0.86)
Albumine (g/l)	13	41.0 (39.0 to 43.0)	13	39.0 (38.0 to 40.0)	10	41.5 (40.0 to 42.0)	9	40.0 (38.0 to 40.0)
SHBG (nmol/l)	13	178.1 (124.3 to 207.7)	19	210.9 (138.8 to 249.2)	10	222.9 (187.2 to 244.5)	9	247.7 (198.6 to 292.6)
DHEAS (μmol/l)	13	4.5 (3.3 to 6.8)	19	4.3 (2.7 to 6.4)	10	3.9 (3.2 to 4.9)	9	4.1 (3.6 to 6.3)
Androstenedione (ng/ml)	14	2.3 (1.5 to 3.3)	18	1.4 (1.2 to 2.1)	12	2.9 (1.6 to 3.1)	9	1.9 (1.4 to 2.4)
Estradiol (pg/ml)	15	1496.0 (968.0 to 2677.0)	19	1370.0 (827.0 to 1955.0)	12	1694.0 (916.0 to 2007.0)	9	1357.0 (935 to 2892)
LH (UI/l)	15	0.7 (0.6 to 0.8)	19	0.4 (0.3 to 0.6)	12	0.7 (0.5 to 0.9)	9	0.5 (0.4 to 0.8)
Non measurable LH (yes/%)	15	0 (0.0)	19	1 (5.3)	12	1 (8.3)	9	0 (0.0)
Fasting glycemia (g/l)	14	0.8 (0.8 to 0.9)	19	0.8 (0.7 to 0.9)	7	0.8 (0.7 to 0.8)	8	0.8 (0.8 to 0.8)
Second trimester (T2)								
Weight gain (kg)	15	5.5 (3.0 to 6.0)	17	5.0 (2.0 to 8.0)	12	5.3 (2.0 to 6.5)	8	7.0 (4.8 to 9.0)
BMI (kg/m ²)	15	28.0 (25.5 to 31.2)	17	30.5 (24.8 to 33.3)	12	24.7 (22.3 to 28.3)	8	23.9 (22.2 to 30.6)
AMH (pmol/l)	15	28.2 (14.6 to 40.2)	18	11.2 (6.0 to 15.6)	12	29.0 (16.6 to 35.8)	9	8.8 (8.6 to 12.4)
Cleaved AMH (pmol/l)	15	18.4 (9.2 to 27.6)	18	7.3 (3.8 to 9.0)	12	18.8 (10.5 to 22.2)	9	5.8 (5.0 to 6.6)
TT (ng/ml)	15	1.13 (0.78 to 1.36)	18	0.62 (0.46 to 0.79)	12	0.60 (0.57 to 0.80)	9	0.58 (0.43 to 0.62)
Albumine (g/l)	15	34.0 (33.0 to 35.0)	18	34.0 (32.0 to 35.0)	12	34.5 (32.5 to 37.5)	9	35.0 (35.0 to 36.0)
SHBG (nmol/l)	15	343.7 (291.9 to 459.9)	18	396.4 (329.7 to 427.6)	12	443.0 (339.8 to 495.8)	9	424.6 (359.3 to 468.4)
DHEAS (μmol/l)	15	4.6 (2.5 to 5.2)	18	3.0 (1.7 to 4.2)	12	2.8 (2.0 to 3.6)	9	2.7 (2.6 to 3.7)
Androstenedione (ng/ml)	15	2.4 (2.0 to 2.9)	18	1.5 (0.9 to 2.1)	12	1.8 (1.3 to 2.6)	9	1.3 (1.0 to 1.7)
Estradiol (pg/ml)	15	8388.0 (6850.0 to 10 723.0)	18	7388.0 (5407.0 to 9178.0)	12	7096.0 (5286.0 to 10 986.0)	9	8068.0 (4672 to 14 333)
LH (UI/l)	16	0.0 (0.0 to 0.1)	18	0.0 (0.0 to 0.0)	12	0.0 (0.0 to 0.3)	9	0.0 (0.0 to 0.0)
Non measurable LH (yes/%)	16	11 (68.8)	19	16 (84.2)	12	7 (58.3)	9	7 (77.8)
Third trimester (T3)								
Weight gain (kg)	15	9.0 (4.0 to 11.5)	19	11.0 (4.0 to 15.0)	11	8.0 (7.0 to 13.0)	8	10.8 (7.5 to 14.0)
BMI (kg/m ²)	15	29.1 (26.9 to 32.4)	19	32.6 (26.8 to 36.7)	11	27.4 (22.8 to 32.0)	8	25.6 (23.8 to 31.4)

(continued)

Supplementary Table SII Continued

	Boy				Girl			
	N = 35				N = 21			
	N	PCOS N = 16	N	Control N = 19	N	PCOS N = 12	N	Control N = 9
AMH (pmol/l)	14	19.3 (8.2 to 28.2)	18	6.4 (5.0 to 10.0)	12	15.1 (9.9 to 24.4)	8	5.4 (4.4 to 6.4)
Cleaved AMH (pmol/l)	13	12.4 (4.8 to 18.2)	18	4.3 (3.4 to 6.8)	12	9.0 (6.3 to 17.2)	9	3.6 (2.8 to 3.8)
TT (ng/ml)	14	1.20 (1.02 to 1.48)	18	0.63 (0.48 to 0.91)	12	0.68 (0.58 to 0.80)	9	0.52 (0.46 to 0.64)
Albumine (g/l)	12	32.0 (30.5 to 33.0)	17	31.0 (30.0 to 33.0)	11	32.0 (31.0 to 34.0)	8	33.0 (32.5 to 33.0)
SHBG (nmol/l)	13	472.3 (374.0 to 512.7)	17	497.2 (400.5 to 573.0)	12	467.5 (364.2 to 607.3)	8	449.3 (372.2 to 509.1)
DHEAS (μmol/l)	13	2.7 (2.5 to 4.6)	17	1.9 (1.3 to 2.7)	12	2.1 (1.6 to 2.7)	8	2.4 (2.0 to 2.8)
Androstenedione (ng/ml)	13	2.3 (2.1 to 4.9)	18	1.5 (1.0 to 2.1)	12	1.7 (1.4 to 2.6)	9	1.1 (1.0 to 1.3)
Estradiol (pg/ml)	14	16 696.0 (13 580.0 to 22 395.0)	18	15 970.0 (9711.0 to 19 438.0)	12	16 138.0 (11 688.0 to 17 002.0)	9	15 270 (11 181 to 19 213)
LH (UI/l)	15	0.0 (0.0 to 0.2)	18	0.0 (0.0 to 0.0)	12	0.0 (0.0 to 0.5)	9	0.1 (0.0 to 0.2)
Non measurable LH (yes/%)	15	9 (60.0)	18	14 (77.8)	12	7 (58.3)	9	4 (44.4)

Values are presented as n (percentage) or as median (IQR). IQR: interquartile range; N: number of available observations, T0: before pregnancy; T1: first trimester of pregnancy; T2: second trimester of pregnancy; T3: third trimester of pregnancy; AMH: anti-Müllerian hormone; PCOS: polycystic ovary syndrome; Cleaved AMH: (total AMH – proAMH Measurement); SHBG: sex hormone-binding globulin; DHEAS: dehydroepiandrosterone sulfate.