

Supplementary Table 2. Baseline characteristics of women with AS and controls: hospital-based cohort

Characteristic	Pregnancies with AS (n = 27)	Pregnancies without AS (n = 108)	p value ^a
Maternal age, yr	32.3 ± 3.2	32.2 ± 3.1	0.856
Prepregnancy BMI, kg/m ²			0.648 ^b
Underweight, < 18.5	7 (25.9)	18 (16.7)	
Normal weight, 18.5–24.9	18 (66.7)	79 (73.1)	
Overweight, 25–29.9	2 (7.4)	9 (8.3)	
Obese, ≥ 30	0	2 (1.9)	
Parity			0.853
0	16 (59.3)	67 (62.0)	
1	9 (33.3)	31 (28.7)	
2 or more	2 (7.4)	10 (9.3)	
Previous preterm delivery	2 (7.4)	4 (3.7)	0.487
Previous delivery method			0.538
No previous delivery	15 (55.6)	64 (59.3)	
Vaginal delivery	8 (29.6)	37 (34.3)	
Cesarean section	4 (14.8)	7 (6.5)	
Comorbidities			
Hypertension/PIH	1 (3.7)	7 (6.5)	0.588
GDM	1 (3.7)	8 (7.4)	0.498
HBV carrier	2 (7.4)	3 (2.8)	0.360
Valvular heart disease	0	3 (2.8)	> 0.999 ^b
Hyperthyroidism	0	2 (1.9)	> 0.999 ^b
Hypothyroidism	1 (3.7)	5 (4.6)	0.827
Education level			0.788
University	24 (88.9)	94 (87.0)	
High school	3 (11.1)	14 (13.0)	
Smoking	0	0	-
Laboratory tests			
WBC, mm ³	8,639.6 ± 2,168.6	9,844.3 ± 2,790.0	0.010
Hemoglobin, g/dL	11.8 ± 1.4	11.9 ± 1.3	0.617
Platelet, mm ³	233.8 ± 48.2	212.4 ± 46.4	0.142
hs-CRP, mg/L	0.7 ± 0.8	0.8 ± 1.6	0.351
ESR, mm/hr	44.1 ± 27.6	29.0 ± 0.0	0.482
HLA-B27 positivity ^c	18 (85.7)	ND	
AS duration, yr ^c	4.4 ± 2.7	ND	
Medication use prior to pregnancy ^c			
NSAIDs	21 (100.0)	ND	-
Corticosteroid	6 (28.6)	ND	
Sulfasalazine	10 (47.6)	ND	
Biologics	6 (28.6)	ND	
Azathioprine	1 (4.8)	ND	
Opioid	0	ND	

Values are presented as mean ± SD or number (%).

AS, ankylosing spondylitis; BMI, body mass index; PIH, pregnancy induced hypertension; GDM, gestational diabetes mellitus; HBV, hepatitis B virus; WBC, white blood cell; hs-CRP, high-sensitivity C-reactive protein; ND, not done; ESR, erythrocyte sedimentation rate; NSAID, nonsteroidal anti-inflammatory drug.

^ap value: calculated from regression models estimated using generalised estimating equations (GEEs) to account for the matched nature of the data.

^bp value: calculated from Fisher's exact test or chi-square test because of zero events in either group in which GEE models do not converge.

^cPregnancies with AS with medical records of the rheumatologic clinic (n = 21).