

Supplementary Table 1. Maternal characteristics according to different foetal APOs

Characteristics	Foetal loss		P value	Premature birth		P value	SGA			Asphyxia neonatorum		P value
	Yes	No		Yes	No		Yes	No	P value	Yes	No	
	(n=70)	(n=443)		(n=128)	(n=316)		(n=120)	(n=324)		(n=11)	(n=433)	
Primipara	30	208	0.6	55	153	0.5	54	154	0.72	5	203	0.86
Multiple pregnancy	7	1	0.93	4	3	0.24	5	2	0.02*	0	7	0.91
Diabetes	0	2	0.57	1	1	0.66	0	2	0.43	0	2	0.8
Pre-pregnancy hypertension	12	9	<0.01*	8	4	<0.01*	7	5	0.29	2	10	<0.01*
Remission < 6 months prior to conception	8	10	<0.01*	8	2	<0.01*	8	2	<0.01*	1	9	<0.01*
Duration of SLE												
≤5 years	45	228	0.15	67	162	0.43	55	174	0.04*	6	223	0.42
6–10 years	16	146		42	104		49	97		3	143	
>10 years	9	69		19	50		16	53		2	67	
APS	10	31	0.04*	29	12	0.51	31	10	0.86	41	0	0.40
Lupus characteristics												
Renal disorders	22	67	<0.01*	26	41	<0.01*	28	39	0.04*	3	64	<0.01*
Mucocutaneous	22	129	0.63	33	96	0.56	31	98	0.32	2	127	0.64
Neurological disorders	3	4	0.06	1	3	0.07	3	1	0.2	0	4	0.07
Leukopaenia	9	39	0.27	13	26	0.43	9	30	0.42	1	38	0.52
Thrombocytopaenia	8	34	0.28	17	17	0.02*	15	19	0.04*	2	32	0.23
Arthritis	14	102	0.62	30	72	0.87	22	80	0.2	3	99	0.83
Serositis	13	13	<0.01*	7	6	0.03*	6	7	0.96	0	13	<0.01*

PIH = pregnancy-induced hypertension; SGA = small for gestational age; * P < 0.05

(Continued) Supplementary Table 1. Maternal characteristics according to different foetal APOs

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	Yes (n=70)	No (n=443)		Yes (n=128)	No (n=316)		Yes (n=120)	No (n=324)		Yes (n=11)	No (n=433)	
PIH	49	96	<0.01*	53	43	<0.01*	48	48	<0.01*	4	92	<0.01*
Disease flares during pregnancy	24	66	<0.01*	34	32	<0.01*	36	30	<0.01*	4	62	<0.01*
Laboratory parameters												
<i>Anti-dsDNA</i>	62	338	0.02*	93	246	0.05	88	251	0.16	8	331	0.07
<i>Hypocomplementemia-C3</i>	48	108	<0.01*	38	71	0.02*	39	70	0.56	3	106	0.26
<i>Hypocomplementaemia-C4</i>	26	57	<0.01*	18	39	0.11	19	38	0.9	1	56	0.36
<i>SSA/Ro</i>	40	236	0.45	70	166	0.69	66	170	0.76	2	234	0.04*
<i>SSB/La</i>	12	58	0.33	20	38	0.37	20	38	0.27	0	58	0.27
<i>Sm</i>	11	24	<0.01*	8	16	0.16	7	17	0.62	0	24	0.54
<i>UIRNP</i>	24	99	0.02*	33	66	0.05	34	65	0.2	1	98	0.2
<i>Nucleosome</i>	29	102	<0.01*	35	67	0.04*	31	71	0.93	2	100	0.28
<i>aCL-IgG</i>	12	28	<0.01*	10	18	0.12	10	18	0.8	0	28	0.48
<i>aCL-IgM</i>	9	13	<0.01*	7	6	0.03*	4	9	0.55	0	13	0.72
<i>β2GPI-IgG</i>	8	14	<0.01*	5	9	0.19	9	5	0.26	0	14	0.7
<i>β2GPI-IgM</i>	9	34	0.13	10	24	0.14	8	26	0.43	0	34	0.41
Medication												
<i>Glucocorticoid</i>	70	431	0.38	126	306	0.23	118	314	0.74	10	422	0.14
<i>Hydroxychloroquine</i>	41	364	<0.01*	108	257	0.08	99	266	0.27	9	356	0.29
<i>Immunosuppressive agent</i>	10	35	0.07	18	17	<0.01*	17	18	<0.01*	2	33	0.09
<i>Aspirin</i>	23	375	<0.01*	100	275	<0.01*	93	282	<0.01*	7	368	<0.01*
<i>LMWH</i>	10	128	<0.01*	39	89	0.08	35	93	0.09	0	128	0.02*

PIH = pregnancy-induced hypertension; SGA = small for gestational age; LMWH = low-molecular-weight heparin; *: P < 0.05

Supplementary Table 2. Multivariable analysis of HDP

Characteristics	B	P value	OR	95% CIs
Pre-pregnancy hypertension	2.200	<0.01	9.03	3.17–25.64
Renal disorders	0.997	<0.01	2.71	1.47–4.97
Thrombocytopaenia	1.175	<0.01	3.24	1.49–6.99

HDP = hypertensive disorders of pregnancy

Supplementary Table 3. The APOs associated with different intervals of complement-C3

Complement-C3 (g/L)	Total (N=513)	Composite foetal APOs (%)	Foetal loss (%)	HDP (%)
≥0.9	357	140 (39.2)	22 (6.1)	48 (13.4)
<0.9	156	96 (61.5)	48 (30.7)	42 (26.9)
<0.8	112	74 (66.0)	42 (37.5)	33 (29.4)
<0.7	72	55 (76.3)	36 (50.0)	25 (34.7)
<0.6	41	34 (82.9)	25 (60.9)	17 (41.4)
<0.5	27	25 (92.5)	19 (70.3)	11 (40.7)
<0.4	14	13 (92.8)	11 (78.5)	5 (35.7)
<0.3	8	7 (87.5)	6 (75.0)	3 (37.5)

Supplementary Table 4. The APOs associated with different intervals of complement-C4

Complement-C4 (g/L)	Total (N=513)	Composite foetal APOs (%)	Foetal loss (%)	HDP (%)
≥0.1	430	188 (43.7)	44 (10.2)	66 (15.3)
<0.1	83	48 (57.8)	26 (31.3)	24 (28.9)
<0.09	65	39 (60.0)	23 (35.3)	21 (32.3)
<0.08	50	33 (66.0)	21 (42.0)	18 (36.0)
<0.07	37	25 (67.5)	17 (45.9)	14 (37.8)
<0.06	22	14 (63.6)	10 (45.4)	9 (40.9)
<0.05	12	9 (75.0)	7 (58.2)	6 (50.0)
<0.04	7	6 (85.7)	5 (71.4)	4 (57.1)
<0.03	5	5 (100.0)	5 (100.0)	2 (40.0)