

Obstetrics & Gynecology Science

Sung Eun Kim, et al. COVID-19 vaccine and menstrual changes

Supplementary Table 1. Discomfort symptoms during the menstruation cycle

	Before 3	Before 2	Before 1	Vaccinated	After 1	After 2	After 3	OR	95% CI	P-value
Headache	1.54	1.42	1.66	2.49	3.89	4.19	4.61	2.815	2.537-3.121	<0.001
Abdominal pain	3.40	3.82	3.55	4.23	6.45	7.57	7.47	2.067	1.926-2.220	<0.001
Back pain	0.96	0.94	0.96	1.36	1.89	2.43	3.36	2.645	2.317-3.019	<0.001
Skin trouble	1.98	1.78	1.56	1.61	2.72	2.60	3.00	1.581	1.423-1.757	<0.001
Constipation	0.53	0.54	0.45	0.68	0.97	0.85	0.94	1.827	1.497-2.230	<0.001
Diarrhea	0.49	0.50	0.47	0.72	1.18	1.25	1.27	2.553	2.118-3.077	<0.001
Dyspepsia	0.56	0.43	0.60	0.78	1.09	1.25	1.19	2.245	1.871-2.694	<0.001
Nausea	0.19	0.18	0.18	0.38	0.57	0.60	0.60	3.200	2.414-4.246	<0.001
Abdominal discomfort	0.63	0.57	0.64	0.84	1.21	1.21	1.18	1.961	1.650-2.331	<0.001
Breast discomfort	1.83	1.92	1.90	2.14	1.97	2.46	2.40	1.200	1.077-1.337	0.0009

Values are presented as number (%). Data including 1st and 2nd vaccination.

OR, odds ratio; CI, confidence interval.