SUPPLEMENTAL DIGITAL CONTENT 2. *Overall case-control analyses for a subset of women, excluding 186 matched pairs in which the control underwent hysterectomy before index date, or in which the case did not undergo hysterectomy on or before index date.*

Condition[a]	Bilateral oophorectomy (N=1,467)		Control women (N =1,467)		Unadjusted models[b]		Adjusted models[c]	
	N	%	N	%	Odds ratio (95% CI)	P	Odds ratio (95% CI)	P
Mood disorders	475	32.4	288	19.6	1.97 (1.66-2.35)	<0.001	1.95 (1.63-2.32)	<0.001
Bipolar disorders	28	1.9	17	1.2	1.69 (0.91-3.13)	0.10	1.55 (0.83-2.89)	0.17
Anxiety disorders	209	14.2	154	10.5	1.43 (1.14-1.79)	0.002	1.41 (1.12-1.78)	0.003
Schizophrenia	7	0.5	9	0.6	0.78 (0.29-2.09)	0.62	0.81 (0.30-2.21)	0.69
Somatoform disorders	28	1.9	4	0.3	7.00 (2.46-20.0)	<0.001	6.62 (2.31-19.0)	<0.001
Personality disorders	34	2.3	18	1.2	2.00 (1.10-3.64)	0.02	1.96 (1.07-3.60)	0.03
Dissociative disorders	12	0.8	7	0.5	1.71 (0.67-4.35)	0.26	1.60 (0.61-4.17)	0.34
Adjustment disorders	110	7.5	101	6.9	1.10 (0.83-1.46)	0.52	1.13 (0.85-1.50)	0.41
Number of conditions[d]								
0	866	59.0	1,049	71.5	1.00 (reference)[e]		1.00 (reference)[e]	
1	380	25.9	279	19.0	1.63 (1.37-1.95)	<0.001	1.64 (1.37-1.96)	<0.001
2	166	11.3	112	7.6	1.85 (1.42-2.42)	<0.001	1.84 (1.40-2.40)	<0.001
≥3	55	3.7	27	1.8	2.65 (1.62-4.33)	<0.001	2.58 (1.57-4.25)	<0.001

[a] Psychiatric conditions before the index date were determined from abstraction of the medical records.
[b] Odds ratios calculated using conditional logistic regression models (matched pairs).
[c] Odds ratios calculated using conditional logistic regression models (matched pairs), adjusted for race (white vs nonwhite), years of education (≤12, 13-16, >16), and quartiles of household income (<$42,000, $42,000-56,999, $57,000-71,999, ≥$72,000). Women missing years of education (3 cases, 32 controls) were assigned to the ≤12 years group and women missing household income (5 cases, 2 controls) were assigned to the second quartile.
[d] Total number of psychiatric conditions before the index date for each woman.
[e] Cochrane-Armitage test for linear trend in the odds ratios, P<0.001 for the unadjusted models and P<0.001 for the adjusted models.