

Study	Year	Country	Cases (n)	Controls (n)	Mean Age	Participants	Participant Setting	Relevant Outcomes	NOS ^a score
Schildkraut et al. ³⁰	2016	U.S.	584	745	NR	African-American women aged 20 to 79 with confirmed invasive epithelial ovarian cancer	Population	Any perineal use; non-perineal use; long-term use (>20yr); <3600/>3600 lifetime applications; all serous	8
Cramer et al. ¹³	2016	U.S.	2041	2100	NR	Women aged 18-80 with confirmed epithelial ovarian cancer	Population	Any perineal use; non-perineal use; long-term use (>20yr); <3600/>3600 lifetime applications; serous invasive; serous borderline; mucinous borderline; mucinous invasive; endometrioid; clear cell	7
Wu et al. ³³	2015	U.S.	1701	2391	NR	Women aged 18-74 with confirmed epithelial ovarian cancer	Population	Any perineal use	7
Kurta et al. ³⁴	2012	U.S.	902	1802	NR	Women at least 25yo with confirmed epithelial ovarian cancer, within 9 months of diagnosis	Population	Any perineal use	8
Rosenblatt et al. ³⁵	2011	U.S.	812	1313	NR	Women aged 35-74 with diagnosed epithelial ovarian cancer	Population	Any perineal use; sanitary napkin; diaphragm; long-term use (>20yr); <3600/>3600 lifetime applications; mucinous borderline; serous borderline; serous invasive	7
Wu et al. ³⁶	2009	U.S.	609	688	NR	Women aged 18-74 with	Population	Non-perineal use; long-	8

Merritt et al. ²⁶	2008	Australia	1576	1509	57.1	histologically confirmed epithelial ovarian cancer Women aged 18-79 with confirmed cases of epithelial ovarian cancer	Population	term use; <3600/>3600 lifetime applications; Any perineal use; long-term use (>25yr); any serous; any mucinous; endometrioid; clear cell	8
Mills et al. ³⁷	2004	U.S.	256	1122	55.3	Women with confirmed cases of epithelial ovarian cancer	Population	Any perineal use; long-term use (>30yr); serous invasive; serous borderline; mucinous invasive; mucinous borderline; endometrioid; clear cell	8
Ness et al. ³⁸	2000	U.S.	767	1367	NR	Women aged 20-69 with epithelial ovarian cancer	Population	Any perineal use; non-perineal use; sanitary napkin; diaphragm; long-term use (>10yr)	8
Wong et al. ³⁹	1999	U.S.	499	755	54.9	Women with primary epithelial ovarian cancer	Hospital	Any perineal use; long-term use (>20yr); sanitary napkin	5
Godard et al. ⁴⁰	1998	Canada	170	170	56.3	Women aged 20-84 with histologically confirmed primary ovarian cancer	Population	Any perineal use	6
Green et al. ⁴¹	1997	Australia	824	855	NR	Women aged 18-79 with primary epithelial ovarian cancer	Population	Any perineal use	8
Cook et al. ⁴²	1997	U.S.	313	422	NR	White women aged 20-79 with epithelial ovarian cancer	Population	Any perineal use; <3600/>3600 lifetime applications; sanitary napkin; diaphragm	6
Chang & Risch ⁴³	1997	Canada	450	564	57.5	Women aged 35-79 with histologically confirmed primary ovarian cancer	Population	Any perineal use; sanitary napkin; all serous; all mucinous; endometrioid	6

Shushan et al. 4	1996	Israel	200	408	NR	Women with confirmed epithelial ovarian cancer	Population	Any perineal use	7
Cramer et al. 31	1995	U.S.	450	454	NR	Women with histologically confirmed epithelial ovarian cancer	Population	Any perineal use	7
Purdie et al. 45	1995	Australia	824	860	55.1	Women aged 18-79 with histologically confirmed primary ovarian cancer	Population	Any perineal use	8
Tzonou et al. 46	1993	Greece	189	200	NR	Women <75 who underwent surgery for epithelial ovarian cancer	Hospital	Any perineal use	5
Rosenblatt et al. 47	1992	U.S.	77	46	NR	Women with newly diagnosed ovarian cancer	Hospital	Any perineal use; diaphragm; sanitary napkin; long-term use (>37.4yrs)	7
Chen et al. 48	1992	China	112	224	48.8	Women with newly diagnosed ovarian cancer	Population	Any perineal use	8
Booth et al. 49	1989	U.K.	235	451	51.7	Women aged <65 with histologically diagnosed epithelial ovarian cancer	Hospital	Any perineal use	6
Harlow & Weiss 50	1989	U.S.	116	158	NR	White women aged 20-79 with mucinous or serous borderline tumours diagnosed in 1980-1985	Population	Any perineal use; diaphragm; sanitary napkin	7
Whittemore et al. 51	1988	U.S.	188	539	NR	Women aged 18-74 with primary epithelial ovarian cancer	Hospital	Any perineal use; long-term use (>10yrs); diaphragm	8
Hartge et al. 52	1983	U.S.	135	171	NR	Epithelial ovarian cancer cases in participating hospitals	Hospital	Any perineal use; non-perineal use; diaphragm	6

NR = not reported

^a Newcastle-Ottawa Quality Assessment Scale, which rates non-randomized studies based on selection, comparability, and exposure. Maximum score of 10.

eTable 1: Study and study participant characteristics for case-control studies.

Study	Year	Country	Included Participants (n)	Cases (n)	Participant Person-Years	Mean Age at Baseline	Participants	Participant Setting	Relevant Outcomes	NOS ^a score
The Sister Study , as reported in Gonzalez et al. (2016) ¹³	2016	U.S. and Puerto Rico	41 654	154	NR	54.8	Women aged 35 to 74 years at enrolment each with a full- or half-sister who had been diagnosed with breast cancer	Population	Any perineal use	6
Women's Health Initiative Observational Study , reported in Houghton et al. (2014) ¹²	2014	U.S.	61 576	429	757 291	63.3	Postmenopausal women 50 to 79 at the time of enrolment	Population	Any perineal use; long-term use (>10yr); sanitary napkin; diaphragm; serous invasive; any mucinous; endometrioid	7
Nurses' Health Study , reported in Gertig et al. (2000) ²⁰	2000	U.S.	78 630	307	984 212	NR	Female registered nurses aged 30-55 at enrolment	Population	Any perineal use; sanitary napkin; any serous; serous invasive; endometrioid; any mucinous	6

NR = not reported

^a Newcastle-Ottawa Quality Assessment Scale, which rates non-randomized studies based on selection, comparability, and exposure. Maximum score of 10.

eTable 2: Study and study participant characteristics for cohort studies.