**S2 Table**

 ***Cohort studies***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **First author, year, country** | **Study** | **Study** | **Events/** | **Age group\*** | **Adjusted for** | **HC exposureResultsHR, RR or OR** |
| **period** | **design** | **Obs years** |
| Navarro, | 1998- | Cohort | 102/89,835 | 40 – 59 | Menarche, HT, OC, age, smoking, height, study center. | Ever useHR 1.09 (0.81–1.48) |
| 2005 | 2000 |
| Canada | 16,4 |
| Skinner, | 1976- | Cohort | 83/115,447 | 30 – 55 | Menarche, menopause, HT, OC | Ever useRR 1.21(0.91–1.61) |
| 2003 | 1998 |
| USA | 22 |
| Teras, | 1982- | Cohort | 29/287,981 | 51 – 69 | Menarche, age at menopause, hysterectomy, HRT, OC. | Use >11 yrsOR 1.30(0.90 – 1.90)  |
| 2005 | 2000 |
| USA | 18 |
| Prizment, | 1986- | Cohort | 228/37,459 | 55 – 69 | Age at menarche, age at menopause, hysterectomy, bilateral oophrectomy, HRT, OC. | Ever useHR 0.90(0.62-1.30) |
| 2007 | 2003 |
| USA | 18 |
| Dorjgochoo, | 1997- | Cohort | OC: | 40 – 70 | Menarche, births, menopause, OC, IUD, education, BMI, exercise, smoking, family history of cancer. | Ever use |
| 2009 | 2000 | 14/66661 | OC: 0.8 (0.5-1.6) |
| China  | 7,5 | IUD: | IUD: 0.87 |
|   |   | 18/66661 | (0.46-1.63) |
| Duell, | 1992- | Cohort | 304/328,610 | 35 – 70 | Menarche, menopause, OC, HT, hysterectomy, BO, age, center, smoking, education, alcohol, meat intake, BMI, DM. | Use >10 yrsHR 1.15(0.79-1.68) |
| 2013 | 2006 |
| Europe |   |
| Lee, | 1995- | Cohort | 47/118,164 | 22 – 79 | Mearche, menopause, OC, HT. | Use >10 yrsHR 1.72(1.19-2.49) |
| 2013 | 2009 |
| USA | 14 |
| Kabat, | 1993- | Cohort | 341/158,298 | 50 – 79 | Menarche, menopause, OC, HT hysterectomy, BO, age, smoking BMI, education, race, DM | Ever useHR 0.92(0.80–1.06) |
| 2017 | 1998 |
| USA  |  |
| Butt,2018 Denmark | 1995- 2014 | Cohort | 115/12,905,304 | 15 – 49 | Age, year, education, PCOS, endometriosis, and parity | Ever useRR 0.90(0.68 – 1.19)  |

*BO: bilateral oophorectomy, BMI: Body Mass Index, DM: Diabetes, OC: oral contraceptive use, HT: Hormone Therapy, IUD: Intrauterine device,
OR: Odds ratio, HR: Hazard ratio, RR: Relative risk,*

***\*No studies provided estimates for women under 50 years of age.***