Figure 1 Cohort flow chart illustrating the inclusion and exclusion of participants in the study.

Subjects from NHIRD (2000 cohort), excluding those with inadequate basic data (n=913,291)

Excluded (n=673,906):
1. Male
2. Age <20 or >51 years old in 2000
3. Subjects without OPD > 2000

Subjects from NHIRD available for analysis since 2000 (n=239,385)

Excluded (n=14,209):
1. Subjects with a diagnosis of ovary cancer year< 2000
2. Subjects with a diagnosis of endometriosis year< 2000
3. Subjects with hysterectomy year< 2000

Subjects available for analysis since 2000 (n=225,176)

Controls without endometriosis, 2000-2010 (n=23,780)

1:4 match (endometrioses: controls) using age, year, SES, work, obstetric history, frequency of gynecological/obstetric providers' outpatient visits, and urbanization. (n=29,725)

Patients with surgically-confirmed endometriosis, 2000-2010 (n=5,945)

Controls without invasive epithelial ovarian cancer by the end of 2010 (n=23,744)

Controls with invasive epithelial ovarian cancer by the end of 2010 (n=36)

Patients without invasive epithelial ovarian cancer by the end of 2010 (n=5,906)

Patients with invasive epithelial ovarian cancer by the end of 2010 (n=39)