Male patients between 2004–2010 from NHIRD of a representative sub-datasets of one million 2010 (n=489,657)

Age 40–80 years (n=171,190)

Defined patients with ED (ICD-9-CM code: 607.84, 310.72)
PD (ICD-9-CM code: 332.0)
Excluded: having PD before index date (n=503)

Newly ED (n=3,153)
Non-ED (n=167,534)

1:4 simple random selection non-ED patients

Cohort study group followed 7 years from 2004 to 2012 (n=15,765)
Newly ED (n=3,153)
Non-ED (n=12,612)

**Supplementary Fig. 1.** Flowchart of the study design. ED: erectile dysfunction, ICD-9-CM: International Classification of Diseases, ninth revision, Clinical Modification, NHIRD: National Health Insurance Research Database, PD: Parkinson’s disease.