Population in the database
n=1,000,000

Newly identified HCV cases (age ≥ 18 years) in 1998-2004 (ICD-9-CM codes 070.41, 070.44, 070.51, 070.54, V02.62)
n=7732

Exclude cases with
2. HBV, CKD, renal transplant, ESRD before index date (n=394)
3. comorbidities (diabetes, hypertension, coronary heart disease, hyperlipidemia, cirrhosis) before index date (n=4074)
4. erroneous birthdate or gender codes (n=30)
5. gender and birthdate in discordant with the baseline ID (n=52)

HCV cases without comorbidities at baseline. n=3182
1:4 matched by frequency of age, sex, and the same year of index date

Selected normal controls met the same exclusion criteria from the database, except comorbidities.
n=12728

Exclude subjects with missing information on age and sex.

Total 15910 HCV cases without comorbidities and non-HCV controls with comorbidities in the study cohort. Each subject was tracked for 6 years from the index date to date of CKD diagnosis.