

**Supplementary Table 2.** Quality assessment of each eligible study according to the Newcastle-Ottawa Quality Assessment Scale for case-control study and cohort study

Study	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Quality
<b>Case-control study</b>									
Saydah et al. (2003) [36]	b	a	a	a	ab	a	a	a	8
Wei et al. (2005) [37]	a	b	b	a	ab	a	a	a	7
Stocks et al. (2008) [42]	b	a	a	a	ab	a	a	a	8
Rinaldi et al. (2008) [38]	b	a	a	a	ab	a	a	a	8
<b>Cohort study</b>									
Lin et al. (2005) [44]	a	a	a	a	ab	d	a	d	7
Goto et al. (2016) [40]	a	a	a	a	ab	b	a	b	9
Peila et al. (2020) [41]	a	a	a	a	ab	b	a	d	8

**Case-control study**

For selection:

Q1: Is the case definition adequate?

- a) yes, with independent validation ★ b) yes, e.g., record linkage or based on self-reports c) no description

Q2: Representativeness of the cases

- a) consecutive or obviously representative series of cases ★ b) potential for selection biases or not stated

Q3: Selection of controls

- a) community controls ★ b) hospital controls c) no description

Q4: Definition of controls

- a) no history of disease (endpoint) ★ b) no description of source

For comparability:

Q5: Comparability of cases and controls on the basis of the design or analysis

- a) study controls for age ★ b) study controls for any additional factor ★

For exposure:

Q6: Ascertainment of exposure

- a) secure record ★ b) structured interview where blind to case/control status ★
- c) interview not blinded to case/control status d) written self-report or medical record only
- e) no description

Q7: Same method of ascertainment for cases and controls

- a) yes ★ b) no

Q8: Non-response rate

- a) same rate for both groups ★ b) non respondents described c) rate different and no designation

**Cohort study**

For selection:

Q1: Representativeness of the exposed cohort

- a) truly representative of the average population in the community ★ b) somewhat representative of the average population in the community ★ c) selected group of users d) no description of the derivation of the cohort

Q2: Selection of the non-exposed cohort

- a) drawn from the same community as the exposed cohort ★ b) drawn from a different source
- c) no description of the derivation of the non-exposed cohort

Q3: Ascertainment of exposure

- a) secure record ★ b) structured interview ★
- c) written self-report d) no description

Q4: Demonstration that outcome of interest was not present at start of study

- a) yes ★ b) no

For comparability:

Q5: Comparability of cohorts on the basis of the design or analysis

- a) study controls for age ★ b) study controls for any additional factor ★

*(Continued to the next page)*

**Supplementary Table 2.** Continued

For outcome:

Q6: Assessment of outcome

- a) independent blind assessment ★ b) record linkage ★ c) self-report d) no description

Q7: Was follow-up long enough for outcomes to occur

- a) yes b) no

Q8: Adequacy of follow up of cohorts

- a) complete follow up - all subjects accounted for ★

b) subjects lost to follow up unlikely to introduce bias - small number lost >80 % follow up, or description provided of those lost ★

c) follow up rate <80% and no description of those lost

d) no state