**Supplementary file 3: Risk of bias assessment using the Newcastle - Ottawa Quality Assessment Scale**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Item | Genkinger  (2014) | Ursin  (1990) | Matsumoto  (2007) | Khan  (2004) | This Study  (2021) |
| Representativeness of the exposed cohort | \* | \* | \* |  | \* |
| Ascertainment of exposure | \* |  |  |  | \* |
| Selection of the non-exposed cohort | \* | \* | \* | \* | \* |
| Demonstration that outcome of interest was not present at start of study | \* | \* | \* | \* | \* |
| Comparability (Age, sex, and smoking) | \*\* | \* | \* | \*\* | \*\* |
| Assessment of outcome | \* | \* | \* | \* | \* |
| Was follow-up long enough for outcomes to occur | \* | \* | \* | \* | \* |
| Adequacy of follow up of cohorts | \* | \* | \* | \* | \* |
| Overall (total number of asterisks) | 9 | 7 | 7 | 7 | 9 |

This study: the JACC study

The possible overall scores range between 0 and 9