**Supplementary table 1.** Methodological quality of the included studies, as assessed by the Newcastle-Ottawa Scale

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Selection** | **Comparability** | **Outcome** |  |
| **Cohort studies** | **Representativeness of exposed cohort** | **Selection of****non-exposed cohort** | **Ascertainment of exposure** | **Presentation of outcome at start** | **Control for important factor** | **Assessment of outcome** | **Enough follow-up**  | **Adequate follow-up** | **Total score (0–9)** |
| Lavallee, 2014 | 0 | 1 | 0 | 1 | 2 | 1 | 1 | 1 | 7 |
| Hung, 2010 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 9 |
|  | **Selection** | **Comparability** | **Exposure** |  |
| **Case-control** | **Adequate definition of cases** | **Representativeness of cases** | **Selection of controls** | **Definition of control** | **Control for important factor**  | **Ascertainment of exposure (blinding)** | **Same method of ascertainment** | **Non-response rate** | **Total score (0–9)** |
| Vamos, 2016 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 7 |
| Siriwardena, 2014 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 8 |
| Lin, 2014 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 0 | 6 |
| Pinol-Ripoll, 2008 | 1 | 0 | 1 | 1 | 1 | 1 | 1 | 0 | 6 |
| Puig-Barbera, 2007 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 7 |
| Grau, 2005 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 7 |
| Smeeth, 2004 | 1 | 1 | 1 | 1 | 2 | 1 | 1 | 0 | 8 |
| Nichol, 2003 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 7 |
| Lavallee, 2002 | 1 | 0 | 1 | 1 | 2 | 1 | 1 | 0 | 7 |