**Supplemental Table S1. The Newcastle-Ottawa Scale (NOS) of case control studies or cohort study**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Study** | **Types of****studies** | **Selection****   ** | **Comparability** ** ** | **Exposure/Outcomes****  ** | **Total****score** | **Risk of****bias** |
| **Baratti et al,****2016** | CS | **  ** |  ** ** | ** ** | 7 | Low risk |
| **Sammartino et al,****2014** | CCS | **  ** |  ** ** | ** **  | 7 | Low risk |
| **Tentes et al,****2011** | CS | **  ** |  ** ** |  ** ** | 7 | Low risk |
| **Elias et al,****2008** | CS | ** ** |  ** ** |  ** ** | 6 | Low risk |

Abbreviations: CS, Cohort study; CCS, case-control study.