**Quality assessment of the included studies**

**Supplement Table 1. Newcastle-Ottawa Scale Quality Assessment of included studies**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Selection** | **Comparability** | **Exposure** |  |
| First author (Year) | **Representativeness of the exposed cohort** | **Selection of the non-exposed cohort** | **Ascertainment of exposure** | **Demonstration that outcome of interest was not present at start of study** | **Comparability of cohorts on the basis of the design or analysis** | **Assessment of outcome** | **Was follow-up long enough for outcomes to occur** | **Adequacy of follow up of cohorts** | **Total** |
| Ishimura (2007) | \* | \* | \* | \* | \*\* | \* | \* | \* | 9 |
| Markaki (2012) | \* | \* | \* | \* |  | \* | \* | \* | 7 |
| Broek (2013)  | \* |  | \* | \* | \* | \* | \* | \* | 7 |
| Matias (2014) | \* | \* | \* | \* | \* | \* | \* | \* | 8 |
| Fein (2015) | \* | \* | \* | \* | \*\* | \* | \* | \* | 9 |
| Lacson (2015) | \* |  | \* | \* | \*\* | \* | \* | \* | 8 |
| de Roij vanZuijdewijn (2015) | \* |  | \* | \* | \*\* | \* | \* | \* | 9 |
| Garagarza (2015) | \* |  | \* | \* | \*\* | \* |  |  | 6 |
| Kurita (2015) | \* |  | \* | \* | \*\* | \* |  | \* | 7 |
| Li (2016) | \* | \* | \* | \* | \*\* | \* | \* | \* | 9 |
| Yang (2016) | \* | \* | \* | \* | \*\* | \* | \* | \* | 9 |
| Cai (2016) | \* | \* | \* | \* | \*\* | \* | \* | \* | 9 |
| Ago (2016) | \* | \* | \* | \* | \* | \* |  | \* | 7 |
| Selim (2017) | \* | \* | \* | \* | \* | \* | \* | \* | 8 |
| Ye (2018) | \* | \* | \* | \* | \* | \* | \* | \* | 8 |
| Wu (2019) | \* | \* | \* | \* | \*\* | \* | \* | \* | 9 |
| Tamuru (2019) | \* | \* | \* | \* | \* | \* | \* | \* | 8 |
| Mizuirui-2 (2019) | \* | \* | \* | \* | \* | \* | \* | \* | 8 |
| Shimohata (2019) | \* |  | \* | \* | \* | \* | \* | \* | 7 |
| Mizuirui (2020) | \* | \* | \* | \* | \* | \* | \* | \* | 8 |
| Lu (2020) | \* | \* | \* | \* | \* | \* |  | \* | 7 |