**Appendix 1. Study Quality: Newcastle-Ottawa Scale for cohort studies**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Author | NOS1 (Representativeness of exposed cohort to average infertile IBD patient) | NOS2 (Similarity of exposed and control cohort populations) | NOS3 (Confirmation of ART exposure) | NOS4  (Evidence outcome of interest [live births] was not present at the beginning of study) | NOS5 (Comparability: study controls for age) | NOS6  (Comparability: Study controls for disease severity) | NOS7 (Outcome assessment: blind independent assessment or record linkage) | NOS8 (Adequate follow up duration for outcome of interest) | NOS9 (Adequacy of follow up of cohort) | **NOS**  **Total** |
| Norgard[22] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Norgard[21] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Friedman[20] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Friedman[19] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Pabby [27] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Oza[26] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Oza[25] | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | **9** |
| Pachler[24] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |
| Hernandez-Nieto[28] | 0 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **7** |
| Pachler[23] | 1 | 1 | 1 | 1 | 1 | 0 | 1 | 1 | 1 | **8** |

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