**S5. Quality assessment of studies included in the meta-analysis using a Newcastle-Ottawa Scale**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Study | Selection | Comparability | Exposure |  Total score |
| Ford BS,2008[12] | \*\*\*\* |  \* |  \*\* | 7 |
| Boehm K,2015[20] | \*\*\*\* |  \* |  \*\* | 7 |
| Yeoh TY,2014[25] | \*\*\*\* |  \*\* |  \*\* | 8 |
| Gallina A,2007[21] | \*\*\* |  \* |  \*\* |  6 |
| Chalfin HJ,2014[23] | \*\*\*\* |  \*\* |  \*\*\* | 9 |
| McClinton S,1990[9] | \*\*\* |  \* |  \*\* | 6 |
| Oefelein MG,1995[24] | \*\*\*\* |  \* |  \*\* | 7 |
| Eickhoff JH,1991[22] | \*\*\* |  \*\* |  \*  | 6 |
| Paul R,2006[11] | \*\*\*\* |  \* |  \* | 6 |
| [Kim JK,2016](https://www.ncbi.nlm.nih.gov/pubmed/?term=Kim%20JK%5BAuthor%5D&cauthor=true&cauthor_uid=27159369)[26] | \*\*\*\* |  \*\* |  \*\* | 8 |