Supplementary File 3. Quality assessment of included case-control studies

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| --- | --- | --- | --- | --- |
| Author, Year | Selection | Comparability | Exposure | Total |
| Yousef et al.2017(8) | \*\*\*\* | \*\* | \*\* | 8 |
| Johnkennedy et al.2017(12) | \*\*\* | \*\* | \*\* | 7 |
| Bishopp et al.2017(5) | \*\*\*\* | \*\* | \*\* | 8 |
| Ariaee et al.2016(16) | \*\* | \*\* | \*\* | 6 |
| Oluwole et al.2014(13) | \*\*\*\* | \*\* | \*\* | 8 |
| Khanbabaee et al.2014(30) | \*\*\*\* | \*\* | \*\* | 8 |
| Fabian et al.2013(9) | \*\*\*\* | \*\* | \*\* | 8 |
| Sagdic et al.2011(27) | \*\* | \*\* | \*\* | 6 |
| Guo et al.2011(10) | \*\*\* | \*\* | \*\* | 7 |
| Hussein et al.2008(38) | \*\*\* | \*\* | \*\* | 7 |
| Burney et al.2008(29)  | \*\*\*\* | \*\* | \*\* | 8 |
| Jacobson et al.2007(39) | \*\*\* | \*\* | \*\* | 7 |
| Kocabas et al.2006(11) | \*\* | \*\* | \*\* | 6 |
| Khadadah et al.2005(40) | \*\*\*\* | \*\* | \*\* | 8 |
| Kocyigit et al.2004(31) | \*\*\*\* | \*\* | \*\* | 8 |
| Anetor et al.2003(26) | \*\*\* | \*\* | \*\* | 7 |
| Qujeq et al.2003(42) | \*\*\* | \*\* | \*\* | 7 |
| Picado et al.2001(32) | \*\*\*\* | \*\* | \*\* | 8 |
| Vural et al.2000(33) | \*\*\* | \*\* | \*\* | 7 |
| Fenech et al.1998(44) | \*\*\* | \*\* | \*\* | 7 |
| Kadrabova et al.1996(34) | \*\* | \*\* | \*\* | 6 |
| Kadrabova et al.1996(45) | \*\* | \*\* | \*\* | 6 |
| Misso et al.1996(48) | \*\* | \*\* | \*\* | 6 |
| Malvy et al.1993(35) | \*\* | \*\* | \*\* | 6 |
| Flatt et al.1990(46) | \*\*\*\* | \*\* | \*\* | 8 |
| Stone et al.1989(47) | \*\*\*\* | \*\* | \*\* | 8 |
| Di Toro et al.1987(36) | \*\* | \*\* | \*\* | 6 |

The quality of studies was assessed by the Newcastle-Ottawa quality assessment scale.

One star represents a score of 1, and a study can be awarded a maximum score of 9 (9 stares) in total.