| Study                          | Selection bias | Detection bias | Attrition bias | Reporting bias - Selective outcome | Reporting bias - Validated outcome | Other bias - Ethical approval | Other bias - Conflict of interest |
|-------------------------------|----------------|----------------|----------------|------------------------------------|------------------------------------|-------------------------------|---------------------------------|
| Il Im et al. 2010[1]           | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0.5                             |
| Zscharnack et al. 2010[2]      | 0              | 1              | 0              | 0                                  | 0                                  | 0                             | 1                               |
| Ho et al. 2010[3]              | 1              | 0              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Hao et al. 2010[4]             | 0              | 1              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Marquass et al. 2011[5]        | 0              | 0              | 0              | 0                                  | 0                                  | 0.5                           | 1                               |
| Cui et al. 2011[6]             | 0              | 1              | 0.5            | 0                                  | 0                                  | 0                             | 0.5                             |
| Chang et al. 2011[7]           | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Bekkers et al. 2013[8]         | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Jurgens et al. 2013[9]         | 0.5            | 0              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Lim et al. 2013[10]            | 0              | 1              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Jagodzinski et al. 2014[11]    | 0              | 0              | 0.5            | 0                                  | 0                                  | 0.5                           | 0                               |
| Fonseca, et al. 2014[12]       | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0.5                             |
| Guillen-Garcia et al. 2014[13] | 0              | 0              | 0              | 0                                  | 0                                  | 0.5                           | 0                               |
| Pei et al. 2014[14]            | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Gong et al. 2014[15]           | 0              | 1              | 0.5            | 0.5                                | 0                                  | 0                             | 0                               |
| Fisher et al. 2015[16]         | 1              | 0.5            | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Kon et al. 2015[17]            | 1              | 0              | 0              | 0                                  | 0                                  | 0.5                           | 1                               |
| Hopper et al. 2015[18]         | 0              | 0              | 0              | 0                                  | 0                                  | 0.5                           | 0                               |
| Muhonen et al. 2015[19]        | 0              | 0              | 0              | 0                                  | 0.5                                | 0                             | 1                               |
| Schagemann et al. 2016[20]     | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 1                               |
| Zuo et al. 2016[21]            | 0              | 1              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Caminal et al. 2016[22]        | 0              | 0              | 0              | 0                                  | 0                                  | 0.5                           | 0                               |
| Mumme et al. 2016[23]          | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0.5                             |
| Novak et al. 2016[24]          | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 0                               |
| Vindas Bolaños et al. 2017[25] | 0.5            | 0              | 0              | 0                                  | 0                                  | 0                             | 0.5                             |
| He et al. 2017[26]             | 0              | 1              | 1              | 0                                  | 0                                  | 0                             | 0                               |
| McCarrel et al. 2017[27]       | 0              | 0              | 0              | 0                                  | 0                                  | 0                             | 1                               |
| Study                        | Selection bias | Detection bias | Attrition bias | Reporting bias - Selective outcome | Reporting bias - Validated outcome | Other bias - Ethical approval | Other bias - Conflict of interest |
|-----------------------------|----------------|----------------|----------------|------------------------------------|------------------------------------|--------------------------------|----------------------------------|
| Xue et al. 2018             | 1              | 0              | 0.5            | 1                                  | 0                                  | 0                              | 0                                |
| Bornes et al. 2018          | 0              | 1              | 0              | 0                                  | 0                                  | 0                              | 0.5                              |
| Zhang et al. 2018           | 0              | 0              | 0.5            | 0                                  | 0                                  | 0                              | 0.5                              |
| Zhai et al. 2018            | 0              | 0              | 0              | 0                                  | 0                                  | 0                              | 0                                |
| Di Bella et al. 2018        | 0              | 0              | 0              | 0                                  | 0                                  | 0                              | 0                                |
| Schwarz et al. 2019         | 0              | 1              | 0              | 0                                  | 1                                  | 0                              | 0                                |
| Vukasovic et al. 2019       | 0              | 1              | 0              | 0                                  | 1                                  | 0                              | 0                                |
| Tomaszewski et al. 2019     | 2              | 0              | 0              | 0                                  | 0                                  | 0                              | 0                                |
| Wei et al. 2019             | 1              | 0              | 0              | 0                                  | 0                                  | 0                              | 0                                |
| Bothe et al. 2019           | 0              | 0              | 0.5            | 1                                  | 0                                  | 0                              | 0                                |
| Giretova et al. 2019        | 0              | 1              | 0              | 0                                  | 1                                  | 0                              | 0                                |
| Zhang et al. 2020           | 1              | 0              | 0              | 0                                  | 0                                  | 0                              | 0.5                              |
| Nie et al. 2020             | 0              | 1              | 0              | 0                                  | 0                                  | 0                              | 0                                |
| Zhai et al. 2018            | 0              | 0              | 0              | 0                                  | 0                                  | 0                              | 0                                |

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