

**Supplement Table 1.**

| Author<br>(year)             | Randomization | Allocation<br>Concealment | Blinding of<br>participants<br>and<br>researchers | Blinding of<br>outcome<br>assessment | Incomplete<br>outcome<br>data | Selective<br>reporting |
|------------------------------|---------------|---------------------------|---|--------------------------------------|-------------------------------|------------------------|
| Bathon, et al.<br>(2000)     | ?             | ?                         | ?   | L                                    | L                             | L                      |
| Bong Lee, et al.<br>(2014)   | L             | L                         | ?   | ?                                    | L                             | L                      |
| Breedveld, et al.<br>(2006)  | L             | ?                         | L   | L                                    | L                             | L                      |
| Burmester, et al.<br>(2015)  | ?             | ?                         | ?   | ?                                    | L                             | L                      |
| Detert, et al.<br>(2013)     | ?             | ?                         | ?   | ?                                    | L                             | L                      |
| Durez, et al.<br>(2008)      | ?             | ?                         | ?   | L                                    | L                             | L                      |
| Emery, et al.<br>(2008)      | L             | L                         | L   | L                                    | L                             | L                      |
| Emery, et al.<br>(2009)      | L             | L                         | L   | L                                    | L                             | L                      |
| Jones, et al.<br>(2009)      | L             | L                         | L   | L                                    | L                             | L                      |
| Smolen, et al.<br>(2014)     | L             | L                         | L   | L                                    | L                             | L                      |
| St Clair, et al.<br>(2004)   | L             | ?                         | L   | L                                    | L                             | L                      |
| Tak, et al.<br>(2010)        | L             | L                         | L   | L                                    | L                             | L                      |
| Westhovens, et al.<br>(2009) | ?             | ?                         | L   | L                                    | L                             | L                      |

**Table1.** Risk of bias assessment of included studies. ?, Unclear risk of bias; L, Low risk of bias.