**Table B. Risk of bias table: review authors’ judgments about each risk of bias item presented as percentages across all included studies.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **study** | **Random sequence generation** | **Allocation concealment** | **Blinding of participants and personnel** | **Blinding of outcome assessment** | **Incomplete outcome data** | **Selective reporting** | **Other bias** |
| Stener-Victorin et al (1999)[13] | unclear | Low risk | High risk | High risk | High risk | unclear | unclear |
| Paulus et al (2002) [14] | Low risk | Low risk | unclear | Low risk | Low risk | Low risk | unclear |
| Stener-Victorin et al. (2003)[16] | unclear | Low risk | High risk | High risk | High risk | Low risk | unclear |
| Paulus et al (2003)[15] | unclear | Low risk | High risk | Low risk | Low risk | Low risk | unclear |
| Humaidan and Stener-Victorin (2004)[17] | unclear | Low risk | High risk | High risk | Low risk | Low risk | unclear |
| Gejervall et al. (2005)[18] | Low risk | unclear | High risk | High risk | Low risk | unclear | unclear |
| Dieterle et al. (2006)[20] | unclear | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Westergaard et al. (2006)[23] | unclear | Low risk | High risk | Low risk | Low risk | unclear | unclear |
| Smith et al. (2006)[22] | High risk | Low risk | unclear | Low risk | Low risk | Low risk | unclear |
| Sator-Katzenschlager et al. (2006)[21] | Low risk | unclear | Low risk | Low risk | Low risk | Low risk | unclear |
| Benson et al.(2006)[19] | unclear | unclear | High risk | Low risk | Low risk | Low risk | unclear |
| Craig et al. (2007)[24] | Low risk | Low risk | unclear | Low risk | High risk | Low risk | unclear |
| Domar et al. (2009)[26] | Low risk | Low risk | High risk | Low risk | High risk | Low risk | unclear |
| Chen et al. (2009)[25] | Low risk | unclear | High risk | Low risk | Low risk | Low risk | unclear |
| So et al. (2009)[27] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Andersen et al. (2010)[28] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Moy et al. (2011)[29] | Low risk | Low risk | Low risk | Low risk | High risk | Low risk | unclear |
| Madaschi et al.(2010)[30] | Low risk | Low risk | High risk | Low risk | Low risk | Low risk | unclear |
| Cui et al.(2011)[31] | High risk | unclear | High risk | Low risk | Low risk | Low risk | unclear |
| Zhang et al.(2011)[32] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Sun et al.(2012)[33] | Low risk | unclear | High risk | Low risk | Low risk | Low risk | unclear |
| Rashidi et al.(2013)[34] | Low risk | Low risk | High risk | Low risk | Low risk | Low risk | unclear |
| Villahermosaet al.(2013)[35] | unclear | unclear | High risk | Low risk | Low risk | Low risk | unclear |
| Qu et al.(2014)[38] | unclear | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Craig.et al.(2014)[36] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Hong et al.(2014)[37] | High risk | unclear | Low risk | Low risk | High risk | Low risk | unclear |
| Shuai et al.(2015)[41] | Low risk | Low risk | Low risk | Low risk | Low risk | Low risk | unclear |
| Li et al.(2015)[40] | Low risk | unclear | High risk | Low risk | High risk | Low risk | unclear |
| chen et al.(2015)[39] | High risk | Low risk | unclear | Low risk | Low risk | Low risk | unclear |
| Yang et al.(2015)[42] | Low risk | unclear | High risk | Low risk | Low risk | Low risk | unclear |
| Zheng et al.(2015)[43] | unclear | unclear | High risk | Low risk | High risk | Low risk | unclear |