

Table 4. Quality Assessments and Risk of Bias^a

Study	Risk of Selection Bias	Risk of Performance Bias	Risk of Detection Bias	Risk of Attrition Bias	Risk of Reporting Bias
Miller et al, 2007 ⁴⁶	Low	Low	Low	Low	Low
Schulman et al, 2007 ²⁴	Low	Low	Unclear	Low	Low
Struber et al, 2008 ¹⁶	Low	Low	Low	Low	High
Morshuis et al, 2009 ⁴⁷	Low	Low	Low	Low	Unclear
Lahpor et al, 2010 ⁴⁸	Low	Low	Low	Low	Unclear
Topkara et al, 2010 ³²	Low	Low	Low	Low	Low
Wieselthaler et al, 2010 ⁴⁹	Low	Low	Unclear	Low	Low
Bogaev et al, 2011 ³⁹	Low	Low	Low	Low	Unclear
Garbade et al, 2011 ⁵⁰	Low	Low	Low	Low	Low
John et al, 2011 ²⁵	Low	Low	Low	Low	Low
John et al, 2011 ⁵¹	Low	Low	Low	Low	Low
Schaffer et al, 2011 ¹⁵	Low	Low	Low	Low	Low
Starling et al, 2011 ²⁵	Low	Low	Low	Low	Low
Aggarwal et al, 2012 ²⁰	Low	Low	Low	Low	Low
Brewer et al, 2012 ⁵²	Low	Low	Low	Low	Low
Bomholt et al, 2011 ⁵³	Low	Low	Low	Low	High
Chamogeorgakis et al, 2012 ²⁷	Unclear	Unclear	Unclear	Unclear	Unclear
Donahey et al, 2012 ³¹	Unclear	Unclear	Unclear	Unclear	Unclear
Eleuteri et al, 2012 ⁵⁴	Low	Low	Low	Low	Low
Fleissner et al, 2012 ²⁹	Low	Low	Unclear	Low	Low
Goldstein et al, 2012 ³⁰	Low	Low	Low	Unclear	Unclear

Guerrero-Miranda et al, 2012 ⁵⁵	Unclear	Unclear	Unclear	Unclear	High
Hozayen et al, 2012 ⁵⁶	Low	Low	Low	Low	Low
Kamdar et al, 2015 ⁵⁷	Low	Low	Unclear	Unclear	Unclear
Krabatsch et al, 2012 ⁵⁸	Low	Low	Low	Unclear	High
Maiani et al, 2012 ⁵⁹	Low	Unclear	Unclear	Unclear	High
Mano et al, 2012 ⁶⁰	Unclear	Unclear	Unclear	Unclear	Unclear
Menon et al, 2012 ⁶¹	Low	Low	Low	Low	Unclear
Park et al, 2012 ⁶²	Low	Low	Low	Low	Unclear
Popov et al, 2012 ⁶³	Low	Low	Low	Low	Unclear
Schibilsky et al, 2012 ⁶⁴	Unclear	Unclear	Unclear	Unclear	Unclear
Tarzia et al, 2012 ⁶⁵	Unclear	Low	High	Low	High
Aldeiri et al, 2013 ²¹	Low	Unclear	Unclear	High	Unclear
Choudhary et al, 2013 ²⁸	Low	Low	Low	High	Unclear
Forest et al, 2013 ²³	Low	Low	Low	Low	High
Haj-Yahia et al, 2007 ⁶⁶	Low	Low	Low	Low	Low
Lalonde et al, 2013 ⁶⁷	Low	Low	Low	Low	Low
Nienaber et al, 2013 ³⁶	Low	Low	Low	Low	Low
Slaughter et al, 2013 ⁶⁸	Low	Low	Unclear	Unclear	Unclear
Smedira et al, 2013 ¹⁷	Low	Low	Low	Low	Low
Stulak et al, 2013 ⁶⁹	Low	Low	Low	High	High
Tong et al, 2013 ²⁶	Low	Low	Low	Low	Low
Wu et al, 2013 ⁷⁰	Low	Low	Unclear	Low	Low
Baronetto et al, 2014 ⁴⁰	Unclear	Unclear	Unclear	Unclear	Unclear
Cagliostro et al, 2014 ⁴¹	Unclear	Low	High	Low	Unclear
Chan et al, 2014 ⁷¹	High	High	High	Low	Low
Cogswell et al, 2014 ⁷²	High	Unclear	Unclear	Low	Unclear

Dean et al, 2014 ⁷³	Low	Low	Low	Low	Low
Hieda et al, 2014 ⁷⁴	Low	Unclear	Unclear	Low	Low
Jennings et al, 2014 ⁷⁵	Low	Low	Low	Low	Low
John et al, 2014 ⁷⁶	Low	Low	Low	Low	Low
Jorde et al, 2014 ⁷⁷	Low	Low	Low	Low	High
Kimura et al, 2014 ³³	Low	Low	Low	Low	Low
Koval et al, 2014 ⁷⁸	High	High	Unclear	Unclear	Unclear
Kretlow et al, 2014 ¹⁴	Low	Low	Unclear	Unclear	High
Masood et al, 2014 ³⁷	Low	Low	Low	Low	Low
Moazami et al, 2014 ⁷⁹	Low	Low	Low	Low	Low
Nelson et al, 2014 ⁸⁰	Low	Low	Unclear	Unclear	High
Nishi et al, 2014 ⁸¹	Unclear	Unclear	Unclear	Unclear	Unclear
Raymer et al, 2014 ⁸²	Low	Low	Low	Low	High
Sabashnikov et al, 2014 ⁸	Low	Low	Low	Low	Unclear
Singh et al, 2014 ⁸³	Low	Low	Low	Low	High
Subbotina et al, 2014 ⁸⁴	Low	Low	Unclear	Unclear	Unclear
Takeda et al, 2014 ⁸⁵	Low	Unclear	Unclear	Unclear	High
Abou el ela et al, 2015 ⁸⁶	Low	Low	Low	Low	Low
Akhter et al, 2015 ³⁴	Low	Low	Unclear	Unclear	High
Birks et al, 2015 ⁸⁷	Low	Low	Unclear	High	Unclear
Fried et al, 2015 ¹¹	Low	Low	Unclear	Low	High
Fudim et al, 2015 ⁸⁸	Low	Low	Unclear	Low	Low
Haeck et al, 2015 ⁸⁹	Low	Low	High	Low	High
Haglund et al, 2015 ⁴⁵	Unclear	Unclear	Unclear	Unclear	Unclear
Harvey et al, 2015 ⁹⁰	Unclear	Unclear	Low	Low	Low
Henderson et al, 2015 ⁹¹	High	Low	Low	Low	Low
Imamura et al, 2015 ¹³	Low	Unclear	Unclear	Low	High

Krishna-moorthy et al, 2014 ⁹²	Low	Low	Low	Low	Low
Lushaj et al, 2015 ⁹³	Low	Low	High	Low	High
Majure et al, 2015 ⁹	Unclear	Low	Unclear	Low	Unclear
Maltais et al, 2015 ⁹⁴	Low	Low	Unclear	Unclear	Unclear
Matsumoto et al, 2015 ¹⁰	Low	Low	Unclear	Unclear	Unclear
McCandless et al, 2015 ⁹⁵	High	High	Unclear	Low	Low
McMenamy et al, 2015 ⁹⁶	Low	Low	Low	Unclear	High
Nishinaka et al, 2015 ¹⁸	Low	Low	High	Low	High
Ono et al, 2015 ⁹⁷	Low	Low	Unclear	Low	Low
Potapov et al, 2015 ⁹⁸	Low	Low	Low	Low	Low
Trachtenberg et al, 2014 ²²	Low	Low	Unclear	Low	Unclear
Tsiouris et al, 2015 ⁹⁹	Unclear	Low	Low	Unclear	High
Van Meeteren et al, 2015 ¹²	Unclear	Low	Low	Unclear	Unclear
Wus et al, 2015 ¹⁰⁰	Low	Low	Low	Low	Low
Yoshioka et al, 2014 ¹⁰¹	Low	Low	Low	Low	Low

^a Risk of bias was assessed using the tool in the *Cochrane Handbook for Systematic Reviews* ⁷.