

Table D20: Risk of bias assessment for studies addressing KQ3-harms

Author, year	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Overall
Barbalias, 1999 ⁴³	Moderate	moderate	Low	low	Moderate	low	low	moderate
Becker, 2014 ¹³⁴	Moderate	moderate	Low	low	low	low	low	moderate
Bensalah, 2007 ⁴⁵	serious	serious	Low	low	moderate	moderate	moderate	serious

Author, year	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Overall
Brewer, 2012 ¹¹¹	low	moderate	Low	low	moderate	low	low	moderate
Chang, 2014 ⁴⁶	low	moderate	Low	low	low	low	low	moderate
Chang, 2014 ¹⁰¹	Low	Moderate	Low	Low	Low	Low	Low	Moderate
Chang, 2015 ¹¹²	Moderate	Moderate	Low	Low	Low	Low	Moderate	Moderate
Cooper, 2015 ¹¹³	Moderate	Moderate	Low	Low	Low	Low	Moderate	Moderate
Deklaj, 2010 ⁵²	serious	moderate	Low	moderate	moderate	moderate	moderate	moderate
Deklaj, 2010 ¹¹⁶	serious	moderate	Low	moderate	low	low	low	serious
Desai, 2005 ⁵³	serious	moderate	Low	moderate	serious	moderate	low	serious
Emara, 2014 ⁵⁴	serious	moderate	Low	moderate	moderate	moderate	low	moderate
Gratzke, 2009 ⁵⁵	serious	Moderate	Low	moderate	Low	Low	Low	serious
Guillotreau, 2012 ⁵⁶	moderate	moderate	Low	low	serious	moderate	low	serious
Haramis, 2012 ⁵⁷	moderate	moderate	Low	low	low	low	low	moderate
Indudhara, 1997 ⁶¹	moderate	serious	Low	low	low	low	low	serious
Janetschek, 2000 ⁶²	moderate	moderate	Low	low	moderate	low	low	moderate
Kaowalczyk, 2013 ¹²²	low	moderate	Low	low	low	low	low	moderate
Kim, 2003 ⁶³	serious	moderate	Low	low	low	low	low	serious
Kiriluk, 2011 ¹²¹	moderate	moderate	Low	low	moderate	moderate	low	moderate
Klatte, 2011 ⁶⁴	low	moderate	Low	low	low	low	low	moderate
Kopp, 2014 ⁶⁵	low	moderate	Low	low	moderate	low	low	moderate
Kyung, 2014 ⁶⁶	Moderate	serious	Low	Low	Low	Low	Low	serious
Lane, 2010 ⁶⁷	low	Moderate	Low	Low	Low	Low	Low	Moderate
Li, 2010 ⁷⁰	moderate	moderate	low	low	low	low	moderate	moderate
Lowrance, 2010 ¹³⁵	Moderate	Moderate	Low	Low	Low	Low	Low	Moderate
Matin, 2002 ¹²³	serious	Moderate	Low	Low	moderate	Low	Low	serious
Mitchell, 2005 ⁷⁸	moderate	moderate	low	low	low	low	low	moderate
Mues, 2012 ⁷⁹	serious	serious	moderate	low	low	low	low	serious
Pascal, 2011 ⁸¹	moderate	serious	low	low	low	moderate	low	Serious

Author, year	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Overall
Permpongkosol, 2007 ¹³¹	moderate	serious	moderate	low	moderate	low	low	Serious
Roos, 2010 ⁸⁵	serious	serious	low	moderate	low	low	low	Serious
Roos, 2012 ⁸⁶	moderate	serious	moderate	low	low	low	low	serious
Shinohara, 2001 ⁸⁷	serious	serious	low	moderate	moderate	moderate	low	Serious
Stern, 2007 ⁸⁸	serious	serious	serious	moderate	low	moderate	low	Serious
Sun, 2012 ¹²⁷	low	moderate	low	low	low	low	low	moderate
Takaki, 2010 ¹⁰⁶	Moderate	Moderate	Low	Low	Low	Low	Moderate	Moderate
Takaki, 2014 ⁹⁰	serious	serious	moderate	low	moderate	low	low	Serious
Tanagho, 2013 ⁹²	moderate	serious	serious	low	moderate	moderate	low	serious
Tomaszewski, 2014 ¹³²	moderate	moderate	moderate	low	low	moderate	low	moderate
Turna, 2009 ⁹⁴	moderate	moderate	moderate	low	moderate	low	low	moderate
Uchida, 2004 ⁹⁵	serious	serious	low	low	low	low	low	Serious
Uzzo, 1999 ⁹⁶	moderate	moderate	moderate	moderate	low	low	low	moderate
Xu, 2014 ¹³³	Moderate	Moderate	Low	Moderate	Low	Low	Low	Moderate
Yasuda, 2013 ¹²⁹	serious	serious	moderate	low	low	low	low	Serious
Youn, 2013 ¹⁰⁰	serious	serious	serious	low	low	moderate	low	Serious

Q1: Bias due to confounding

Q2: Bias in selection of participants into the study

Q3: Bias in measurement of interventions

Q4: Bias due to departures from intended interventions

Q5: Bias due to missing data

Q6: Bias in measurement of outcomes

Q7: Bias in selection of the reported result