

Supplemental File 3: Risk of bias assessment

Study	Random sequence generation	Allocation concealment	Blinding of patients and personnel	Blinding of outcome assessment	Incomplete Outcome Data	Selective Reporting
Studies in patients with high cardiovascular risk						
Deftereos 2013[12]	Low	Unclear	Low	Low	Unclear	Unclear
Deftereos 2014[22]	Low	Unclear	Low	Low	Low	Unclear
Nidorf 2013[11]	Low	Low	High	Low	Low	Unclear
O'Keefe 1992[10]	Unclear	Unclear	Low	Unclear	Unclear	Unclear
Other studies						
Adhami 1998[40]	High	Low	Low	Unclear	High	Unclear
Almasio 2000[41]	Low	Low	Low	Unclear	Low	Unclear
Antoniou 2006[46]	Low	Unclear	High	Unclear	High	Unclear
Bodenheimer 1988[28]	Unclear	Unclear	Low	Unclear	High	Unclear
Buligescu 1989[31]	Unclear	Unclear	Unclear	Unclear	Unclear	High
Colman 1998[39]	Unclear	Unclear	Low	Unclear	High	High
Copilot[43]	Unclear	Unclear	Unclear	Unclear	High	High
CORE[50]	Unclear	Unclear	High	Low	High	Unclear
CORP[51]	Low	Low	Low	Low	Low	Unclear
CORP-2[49]	Low	Low	Low	Low	Low	Low
Cortez-Pinto 2002[42]	Low	Low	Low	Unclear	High	Unclear
Douglas 1998[38]	Low	Unclear	High	Unclear	Unclear	Unclear
Ikeda 1996[48]	Unclear	Unclear	High	Unclear	Unclear	Unclear
Kaplan 1986[25]	Unclear	Unclear	Low	Unclear	Low	Unclear
Kaplan 1999[44]	Low	Low	Low	Unclear	High	Unclear
Kershenobich 1976[23]	Unclear	Unclear	Low	Unclear	Unclear	High
Kershenobich 1988[29]	Unclear	Low	Low	Unclear	High	Unclear
Kyle 1985[24]	Unclear	Unclear	High	Unclear	Unclear	Unclear
Kyle 1997[37]	Unclear	Unclear	Unclear	Unclear	Unclear	Unclear
Lin 1996[35]	Low	Unclear	High	Unclear	Unclear	Unclear
Lukina 1995[52]	Unclear	Unclear	Unclear	Unclear	High	High
Morgan 2005[45]	Low	Low	Low	Low	Low	Unclear
Muntoni 2010[47]	Unclear	Unclear	Low	Unclear	High	Unclear
Nikolaidis 2006[53]	Unclear	Unclear	Unclear	Unclear	Unclear	Unclear
Olsson 1995[34]	Unclear	Unclear	Low	Unclear	High	Unclear
Parise 1995[69]	Unclear	Unclear	Low	Unclear	Low	Unclear
Paulus 1974[54]	Unclear	Unclear	Low	Unclear	High	Unclear
Poupon 1996[36]	Unclear	Unclear	Low	Unclear	Unclear	Unclear
Raedsch 1992[55]	Unclear	Unclear	Low	Unclear	Unclear	Unclear
Reinhardt 1986[26]	Unclear	Unclear	Low	Unclear	Unclear	Unclear
Trinchet 1989[30]	Unclear	Unclear	Low	Unclear	High	Unclear
Vuoristo 1995[33]	Unclear	Unclear	Low	Unclear	Unclear	Unclear
Wang 1994[32]	Low	Low	Low	Unclear	Unclear	Unclear
Warnes 1987[27]	Low	Unclear	Low	Unclear	High	Unclear
Yurdakul 2001[21]	Low	Low	Low	Low	High	Unclear