

Supplemental Table S2. Risk of Bias Assessment for Individual Studies

Study	Sequence generation	Allocation concealment	Blinding	Incomplete outcome data	Selective reporting	Other sources of bias
Cornel et al. (2016) [12] ^a	Adequate	Adequate	Adequate	Adequate	Adequate	None
Green et al. (2015) [14] ^b	Adequate	Adequate	Adequate	Adequate	Adequate	None
Groop et al. (2013) [23]	Unclear	Unclear	Adequate	Unclear	Inadequate	Pooled analysis of four RCTs ([22-25])
Del Prato et al. (2011) [25]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Haak et al. (2012) [27]	Unclear	Unclear	Adequate	Inadequate	Adequate	None
Owens et al. (2011) [26]	Unclear	Unclear	Adequate	Inadequate	Adequate	None
Taskinen et al. (2011) [24]	Unclear	Unclear	Adequate	Inadequate	Adequate	None
Groop et al. (2017) [15]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Mosenzon et al. (2017) [11]	Adequate	Adequate	Adequate	Inadequate	Adequate	None
White et al. (2013) [39]	Unclear	Unclear	Adequate	Adequate	Adequate	None
Yoon et al. (2017) [40]	Adequate	Adequate	Adequate	Adequate	Adequate	None
DeFronzo et al. (2015) [30]	Adequate	Adequate	Adequate	Inadequate	Adequate	None
Lavalle-Gonzalez et al. (2013) [31]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Lewin et al. (2015) [32]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Nakamura et al. (2014) [38]	Unclear	Unclear	Unclear	Inadequate	Adequate	None
Mori et al. (2014) [28]	Unclear	Unclear	Adequate	Adequate	Adequate	Open-label RCT
Nomoto et al. (2016) [36]	Adequate	Unclear	Adequate	Adequate	Adequate	None
Nomoto et al. (2017) [29]	Unclear	Adequate	Adequate	Inadequate	Adequate	None
Roden et al. (2013) [41]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Schernthaner et al. (2013) [33]	Adequate	Adequate	Adequate	Inadequate	Adequate	None
Takahata et al. (2013) [35]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Tonneijck et al. (2016) [34]	Adequate	Adequate	Adequate	Adequate	Adequate	None
Zografou et al. (2015) [37]	Unclear	Unclear	Adequate	Unclear	Adequate	None

RCT, randomized controlled trial.

^{a,b}These publications reported different renal outcomes from the same study.