

Supplementary Table 3. Risk of bias assessment

NCT number	Study	R	A	B1	B2	I	S
NCT01032629	Zhou et al. (2019) [1]	L	L	U	U	L	L
NCT01989754	Zhou et al. (2019) [1]	L	L	U	U	L	L
NCT01730534	Wiviott et al. (2019) [2]	U	U	L	U	L	L
NCT01897532	Rosenstock et al. (2019) [3]	L	L	L	L	L	L
NCT01243424	Rosenstock et al. (2019) [4]	L	L	L	L	L	L
NCT02065791	Mahaffey et al. (2019) [5]	U	U	L	L	U	L
NCT02692716	Husain et al. (2019) [6]	U	U	L	L	L	L
NCT01394952	Gerstein et al. (2020) [66]	L	L	L	L	L	L
NCT00894868	McMurray et al. (2018) [7]	L	L	L	U	L	L
NCT02465515	Hernandez et al. (2018) [8]	L	L	L	L	L	L
NCT01144338	Holman et al. (2017) [9]	L	L	L	L	L	L
NCT01703208	Gantz et al. (2017) [10]	L	L	L	L	L	L
NCT01179048	Marso et al. (2016) [11]	U	U	L	L	L	L
NCT01720446	Marso et al. (2016) [12]	U	U	L	L	L	L
NCT01131676	Zinman et al. (2015) [13]	L	L	L	L	L	L
NCT01147250	Pfeffer et al. (2015) [14]	L	U	L	L	L	L
NCT00790205	Green et al. (2015) [15]	L	L	L	L	L	L
NCT01042977	Leiter et al. (2014) [16]	U	U	L	U	L	L
NCT01294423	Kaku et al. (2014) [17]	U	U	L	U	L	L
NCT00968708	White et al. (2013) [18]	U	U	L	L	L	L
NCT01107886	Scirica et al. (2013) [19]	L	L	L	L	L	L
NCT00513630	Hong et al. (2013) [20]	L	U	L	U	L	L
NCT00744926	Raz et al. (2012) [21]	U	U	L	U	L	L
NCT00116831	Gerstein et al. (2010) [22]	U	U	L	L	L	L
NCT00484198	Chou et al. (2012) [23]	U	U	L	L	L	L
NCT00740051	Barnett et al. (2012) [24]	L	L	L	L	L	L
NCT00521742	Giles et al. (2010) [25]	U	U	L	L	L	L
NCT00494312	Tolman et al. (2009) [26]	L	L	L	L	L	L
NCT00174993	Wilcox et al. (2007) [27]	U	U	L	L	L	L
NCT00279045	Kahn et al. (2006) [28]	L	U	L	L	L	L
NCT00087516	Aschner et al. (2006) [29]	U	U	L	L	L	L
NCT00707993		U	U	L	U	L	L
NCT01164501	Barnett et al. (2014) [30]	L	L	L	L	L	L
NCT00800683		U	U	L	U	L	L
NCT01106651	Bode et al. (2015) [31]	L	L	L	L	L	L
NCT02025907		U	U	L	U	L	L
NCT01064414		U	U	L	U	L	L
NCT01106625		U	U	L	U	L	L
NCT01081834	Stenlof et al. (2013) [32]	U	U	L	U	L	L
NCT00094757		U	U	L	U	L	L

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Supplementary Table 3. Continued

NCT number	Study	R	A	B1	B2	I	S
NCT02413398	Fioretto et al. (2018) [33]	L	L	L	U	L	L
NCT01095653	Ji et al. (2014) [34]	L	L	L	L	L	L
NCT00663260	Kohan et al. (2014) [35]	U	U	L	L	L	L
NCT01031680	Cefalu et al. (2015) [36]	L	L	L	U	L	L
NCT02182830	Ferdinand et al. (2019) [37]	U	U	L	U	L	L
NCT01986855	Grunberger et al. (2018) [38]	L	L	L	L	L	L
NCT00676338	Russell-Jones et al. (2012) [39]	L	L	L	U	L	L
NCT01087502	Laakso et al. (2015) [40]	U	U	L	U	L	L
NCT00601250		U	U	L	U	L	L
NCT01084005	Barnett et al. (2013) [41]	L	L	L	L	L	L
NCT01620489	Davies et al. (2016) [42]	L	L	L	U	U	L
NCT01798706	Meneilly et al. (2017) [43]	L	L	L	U	L	L
NCT01126580	Umpierrez et al. (2014) [44]	L	L	L	L	L	L
NCT01704261	Lee et al. (2017) [45]	L	L	L	L	L	L
NCT01698775	Chacra et al. (2017) [46]	L	L	L	L	L	L
NCT00225277	Nissen et al. (2008) [47]	L	L	L	L	L	L
NCT01177813	Roden et al. (2013) [48]	L	L	L	L	U	L
NCT01210001	Kovacs et al. (2015) [49]	L	L	L	U	L	L
NCT02240680	Araki et al. (2019) [50]	L	L	L	U	U	L
NCT01792518	Groop et al. (2017) [51]	L	L	L	L	L	L
NCT00679939	Bilezikian et al. (2013) [52]	L	U	L	L	L	L
NCT00698932		U	U	L	U	L	L
NCT00614939	Nowicki et al. (2011) [53]	L	L	L	L	L	L
NCT00121641	Rosenstock et al. (2009) [54]	L	U	L	U	L	L
NCT00316082	Frederich et al. (2012) [55]	L	U	L	U	L	L
NCT02054897	Sorli et al. (2017) [56]	L	L	L	L	L	L
NCT01930188	Ahren et al. (2017) [57]	L	L	L	L	L	L
NCT02532855	Scott et al. (2018) [58]	L	L	L	L	L	L
NCT00509262	Arjona Ferreira et al. (2013) [59]	L	U	L	L	L	L
NCT00225264	Mazzone et al. (2006) [60]	L	U	L	L	L	L
NCT02827708	Mosenzon et al. (2019) [61]	L	L	L	U	L	L
NCT02906930	Aroda et al. (2019) [62]	L	L	L	L	L	L
NCT00138619	Rosenstock et al. (2009) [63]	L	L	L	L	L	L
NCT00138567	Goke et al. (2008) [64]	L	U	L	U	L	L
NCT01986881	Cannon et al. (2020) [65]	L	L	L	L	L	L
NCT03315143	Bhatt et al. (2021) [67]	L	L	L	L	L	L
NCT02924064	Ji et al. (2021) [68]	L	L	L	L	L	L
NCT03521934	Bhatt et al. (2021) [69]	L	L	U	L	L	L

R, random sequence generation; A, allocation concealment; B1, blinding of participants and personnel; B2, blinding of outcome assessment; I, incomplete outcome data; S, selective reporting; L, low; U, unclear.