

Supplementary Fig. 1. Risk of bias.

	D1	D2	D3	D4	D5	D6	Overall
Merat 2002	+	+	+	+	-	+	+
Cusi 2016	+	+	-	-	+	+	-
Armstrong 2016	+	+	+	+	+	+	+
Neuschwander 2015	+	+	+	+	+	+	+
Loomba 2014	+	+	+	+	+	+	+
Li 2015	-	+	+	-	-	+	-
Dasarathy 2015	+	+	+	-	+	-	-
Argo 2015	-	+	-	-	+	+	-
Sanyal 2014	+	+	-	+	+	-	-
Sharma 2012	+	+	+	-	+	-	-
Kazemi 2012	+	+	+	-	-	+	-
Le 2012	+	+	+	+	+	+	+
Van Wagner 2011	+	+	+	+	-	+	-
Sanyal 2010	+	+	+	+	+	+	+
Leuschner 2010	+	+	+	+	+	+	+
Taniai 2009	-	+	+	+	-	+	-
Nelson 2009	-	+	-	-	-	+	✗
Ratziu 2008	-	+	+	+	+	+	-
Aithal 2008	+	+	+	+	+	+	+
Lee 2008	+	+	+	+	+	+	+
Belfort 2006	+	+	+	+	+	+	+
Alam 2020	-	+	-	+	+	+	-
Alam 2018	-	+	+	-	+	+	-
Alam 2017	-	+	+	-	-	+	-
Bril 2019	+	+	+	+	+	+	+
Harrison 2018 (Simtuzumab)	-	-	+	+	+	+	-
Harrison 2019 (MSDC-0602K)	+	+	+	+	+	+	+
Harrison 2019 (MGL-3196)	+	+	+	+	+	+	+
Harrison 2021(Aldafermin)	+	+	+	-	+	+	-
Harrison 2019 (STELLAR)	+	+	+	+	+	+	+
Joy 2017	+	+	-	+	+	-	-
Abdel-Razik 2018	+	+	-	-	+	+	-
Sanyal 2018	+	+	+	+	+	+	+
Loomba 2018	+	+	+	+	+	+	+
Loomba 2018	+	+	+	+	+	+	+
Loomba 2021	+	+	+	+	-	+	-
McPherson 2017	+	+	-	-	+	+	-
Newsome 2021	+	+	+	-	+	+	-

Newsome 2020	+	+	+	-	+	+	-
Ratziu 2020	+	+	+	-	+	+	-
Younossi 2021	+	+	+	+	+	+	+
Nakajima 2021	+	+	+	+	+	+	+
Siddiqui 2020	-	-	+	+	+	+	-

Domains:

D1: Bias arising from the randomization process

D2: Bias due to deviations from intended interventions

D3: Bias due to missing outcome data

D4: Bias in measurement of the outcome

D5: Bias in selection of reported results

