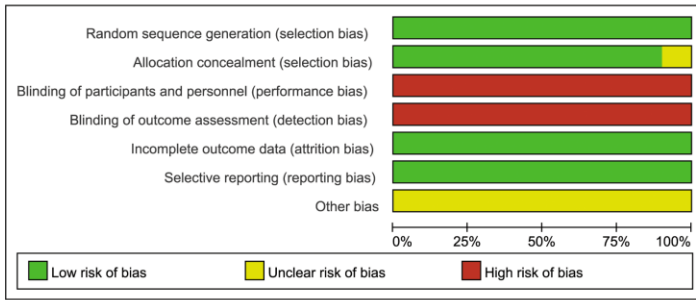


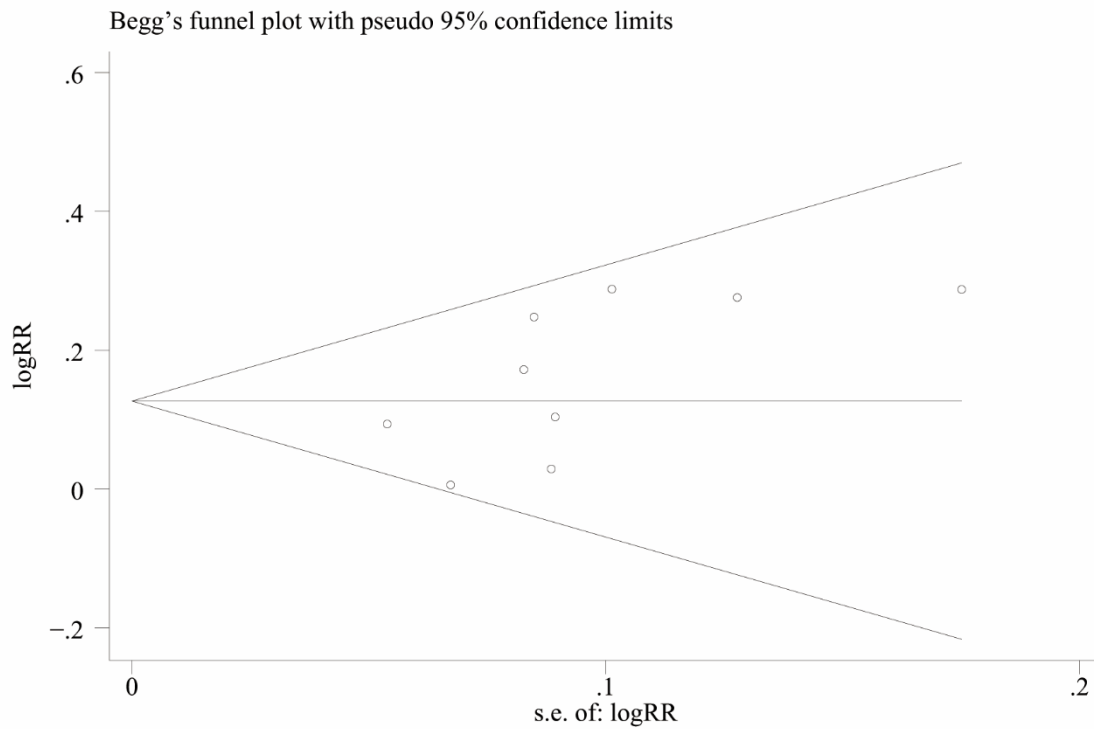
A



B

	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Aniwan 2021	+	+	-	-	+	+	?
dos Santos 2019	+	+	-	-	+	+	?
Fujimoto 2018	+	+	-	-	+	+	?
Hasegawa 2021	+	+	-	-	+	+	?
Kuto 2021	+	+	-	-	+	+	?
Lovasz 2020	+	?	-	-	+	+	?
Min 2017	+	+	-	-	+	+	?
Miyaguchi 2021	+	+	-	-	+	+	?
Paggi 2018	+	+	-	-	+	+	?
Paggi 2020	+	+	-	-	+	+	?

Supplemental Figure 1. Cochrane collaboration’s risk of bias assessment of included studies (A:Risk of bias graph; B:Risk of bias summary).



Supplemental Figure 2. Begg's funnel plot for publication bias.

Table S1. Bias assessment in studies included for final analysis

Study	Random sequence generation (selection bias)	Allocation concealment (selection bias)	Blinding of participants and personnel (performance bias)	Blinding of outcome assessment (detection bias)	Incomplete outcome data (attrition bias)	Selective reporting (reporting bias)	Other bias
Aniwan, 2021	Low	Low	High	High	Low	Low	None
Dos Santos, 2019	Low	Low	High	High	Low	Low	None
Fujimoto, 2018	Low	Low	High	High	Low	Low	None
Hasegawa, 2021	Low	Low	High	High	Low	Low	None
Kuto, 2021	Low	Low	High	High	Low	Low	None
Lovasz, 2020	Low	Unclear	High	High	Low	Low	None
Min, 2017	Low	Low	High	High	Low	Low	None
Miyaguchi, 2021	Low	Low	High	High	Low	Low	None
Paggi, 2018	Low	Low	High	High	Low	Low	None
Paggi, 2020	Low	Low	High	High	Low	Low	None