



Figure S1 PRISMA flow-chart summarizing the search strategy for relevant publications. PRISMA, Preferred Reporting Items for Systematic Reviews and Meta-Analyses.

Study	Risk of bias domains							Overall
	D1	D2	D3	D4	D5	D6	D7	
Aydin et al.	-	-	-	⊗	⊗	-	-	⊗
Ju et al.	+	+	-	-	-	-	+	+
Kadan et al.	-	-	-	+	-	-	-	-
Nifong et al.	+	-	-	-	-	-	-	-
Reade et al.	-	-	-	-	-	⊗	-	⊗

Domains:
 D1: Bias due to confounding.
 D2: Bias due to selection of participants.
 D3: Bias in classification of interventions.
 D4: Bias due to deviations from intended interventions.
 D5: Bias due to missing data.
 D6: Bias in measurement of outcomes.
 D7: Bias in selection of the reported result.

Judgement
 ⊗ Serious
 - Moderate
 + Low

Figure S2 Risk of bias in non-randomized studies (ROBINS-I). ROBINS-I, Risk of Bias in Non-randomized Studies of Interventions.