

JBI Assessment: Randomised Controlled Studies

RCT	Bias related to selection and allocation			Bias related to administration of intervention/exposure			Bias related to assessment, detection and measurement of the outcome				Statistical Conclusion Validity		
	Study ID	1-Was true randomization used for assignment of participants to treatment groups?	2-Was allocation to treatment groups concealed?	3-Were treatment groups similar at the baseline?	4-Were participants blind to treatment assignment?	5-Were those delivering the treatment blind to treatment assignment?	6-Were treatment groups treated identically other than the intervention of interest?	7-Were outcome assessors blind to treatment assignment?	8-Were outcomes measured in the same way for treatment groups?	9-Were outcomes measured in a reliable way	10-Was follow up complete and if not, were differences between groups in terms of their follow up adequately described and analysed?	11-Were participants analysed in the groups to which they were randomized?	12-Was appropriate statistical analysis used?
1	Khosravizade Tabasi et al., 2014	YES	No	YES	Unclear	Unclear	Unclear	YES	YES	YES	YES	YES	YES
2	Spencer et al., 2011	YES	Unclear	YES	No	No	YES	No	YES	YES	No	YES	YES
3	Thom et al., 2013	YES	YES	YES	No	Unclear	YES	Unclear	YES	YES	YES	YES	YES
4	Lujan et al., 2007	YES	Unclear	YES	Unclear	No	YES	Unclear	YES	YES	YES	YES	YES
5	Withidpanyawong et al., 2018	YES	Unclear	YES	Unclear	No	YES	Unclear	YES	YES	YES	YES	YES
6	Torento et al., 2001	YES	Unclear	No	Unclear	No	YES	No	YES	Unclear	YES	YES	Unclear
7	McEwen et al., 2017	No	No	No	Unclear	No	YES	Unclear	YES	YES	YES	YES	NO
8	Hemmati Maslakpak et al., 2017	YES	YES	YES	Unclear	No	YES	Unclear	YES	Unclear	YES	YES	YES
9	Tang et al., 2015	YES	YES	YES	YES	No	YES	YES	YES	YES	YES	YES	YES
10	Smith et al., 2011	YES	No	YES	YES	No	YES	No	YES	YES	YES	YES	YES
11	Kang et al., 2010	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
12	Trief et al., 2016	YES	Unclear	YES	Unclear	No	YES	YES	YES	YES	YES	YES	YES
13	Presley et al., 2020	YES	Unclear	YES	Unclear	No	YES	Unclear	YES	YES	YES	YES	YES
14	Gomes et al., 2017	YES	YES	YES	YES	No	YES	YES	YES	YES	YES	YES	YES
15	Johansson et al., 2016	YES	Unclear	YES	No	No	YES	Unclear	YES	YES	YES	YES	YES
16	Safford et al., 2015	YES	YES	YES	No	No	YES	Unclear	YES	YES	YES	YES	YES
17	Lorig et al., 2009	YES	YES	YES	Unclear	Unclear	YES	Unclear	YES	YES	YES	YES	YES