

Supplementary Materials File

LEGEND

Table S1. Full search strategies for all databases.

Table S2. Studies excluded after full text read with the reason for exclusion.

Figure S1. Risk of bias of RCTs (RoB 2.0).

Figure S2. Risk of bias of nonrandomized studies (ROBINS-I).

Figure S3. Forest plot of sensitivity analysis.

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Table S1. Search strategy for each database.

Date: 12 February 2022.

MEDLINE (via Pubmed)

("nerve therapy" OR "nerve treatment" OR "neural treatment" OR neurodynamic OR neurodynamics OR "manual therapy" OR "nerve stretch" OR "nerve tension" OR "neural tension" OR "Nerve mobilization" OR "neural mobilization" OR "Nerve glide" OR "nerve gliding" OR "neural glide" OR "neural gliding" OR "nerve gliding exercises" OR neuromobilization OR "neuromobilization maneuver" OR "neurodynamic techniques") AND ("fluid dispersion" OR "dye spread" OR "intra-neural edema" OR "intra-neural oedema")

Results: 6

Scopus

TITLE-ABS-KEY ("nerve therapy" OR "nerve treatment" OR "neural treatment" OR neurodynamic OR neurodynamics OR "manual therapy" OR "nerve stretch" OR "nerve tension" OR "neural tension" OR "Nerve mobilization" OR "neural mobilization" OR "Nerve glide" OR "nerve gliding" OR "neural glide" OR "neural gliding" OR "nerve gliding exercises" OR neuromobilization OR "neuromobilization maneuver" OR "neurodynamic techniques")) **AND TITLE-ABS-KEY** ("fluid dispersion" OR "dye spread" OR "intra-neural edema" OR "intra-neural oedema")

Results: 7

Web Of Science (All databases)

("nerve therapy" OR "nerve treatment" OR "neural treatment" OR neurodynamic OR neurodynamics OR "manual therapy" OR "nerve stretch" OR "nerve tension" OR "neural tension" OR "Nerve mobilization" OR "neural mobilization" OR "Nerve glide" OR "nerve gliding" OR "neural glide" OR "neural gliding" OR "nerve gliding exercises" OR neuromobilization OR "neuromobilization maneuver" OR "neurodynamic techniques") AND ("fluid dispersion" OR "dye spread" OR "intra-neural edema" OR "intra-neural oedema")

Results: 18

Cochrane Database

("nerve therapy" OR "nerve treatment" OR "neural treatment" OR neurodynamic OR neurodynamics OR "manual therapy" OR "nerve stretch" OR "nerve tension" OR "neural tension" OR "Nerve mobilization" OR "neural mobilization" OR "Nerve glide" OR "nerve gliding" OR "neural glide" OR "neural gliding" OR "nerve gliding exercises" OR neuromobilization OR "neuromobilization maneuver" OR "neurodynamic techniques") AND ("fluid dispersion" OR "dye spread" OR "intra-neural edema" OR "intra-neural oedema")

Results: 4

TOTAL results: 35

Results after duplicated removed: 20 (with Mendeley desktop find and merge duplicated tool).

Table S2. Studies excluded after full text read with the reason for exclusion [30].

Reference (Author and year)	Reason for exclusion
Schmid et al, 2012	Study in humans

	Randomization process	Deviations from intended interventions	Missing outcome data	Measurement of the outcome	Selection of the reported result	Overall Bias	
Boudier et al, 2017	+	+	+	+	?	!	Low risk
Brown et al, 2011	+	+	+	+	?	!	Some concerns
							High risk

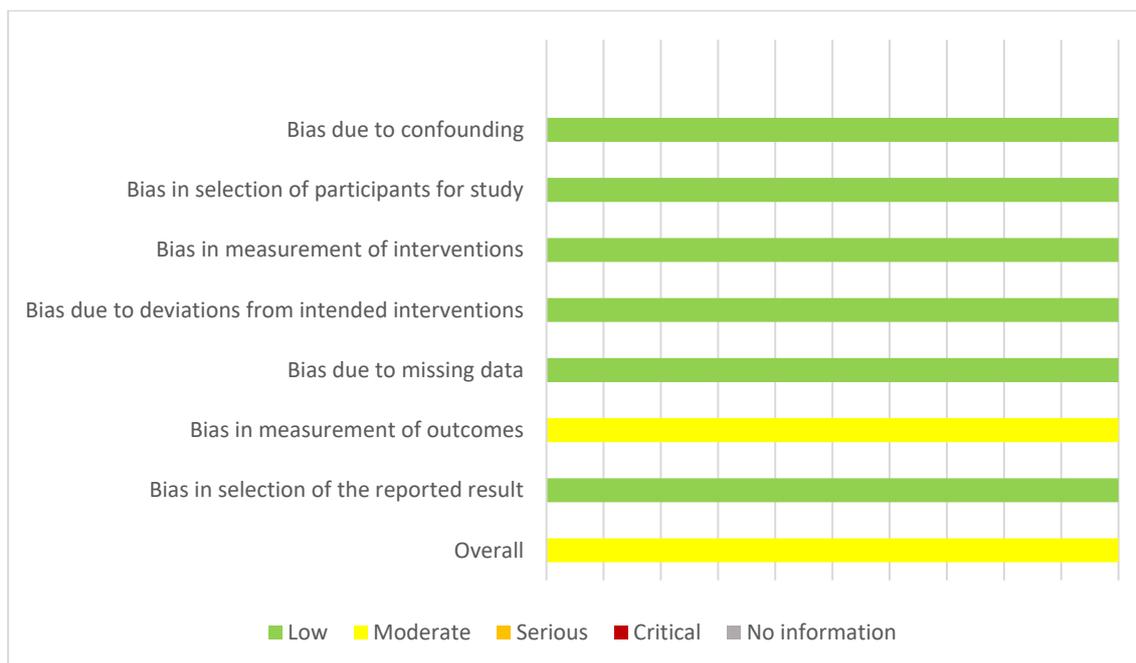


Figure S1. Risk of bias of RCTs (RoB 2.0) [28,29].

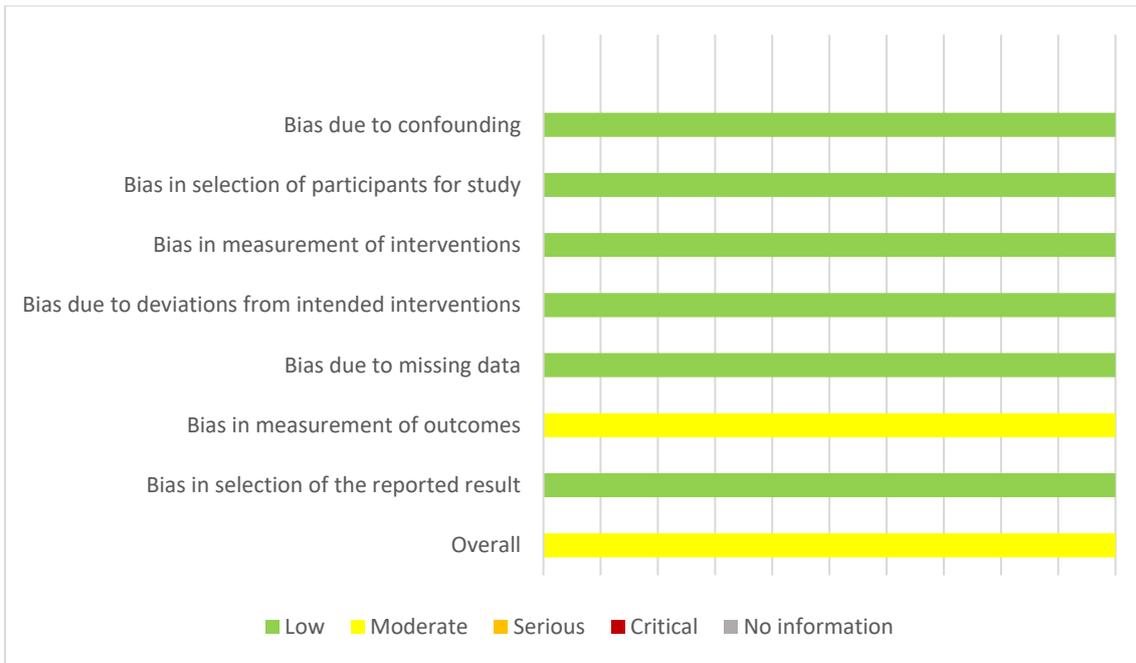


Figure S2. Risk of bias of nonrandomized studies (ROBINS-I)

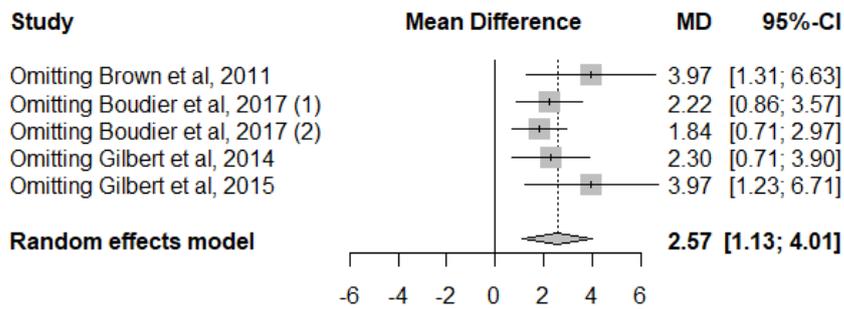


Figure S3. Forest plot of sensitivity analysis [26–29].

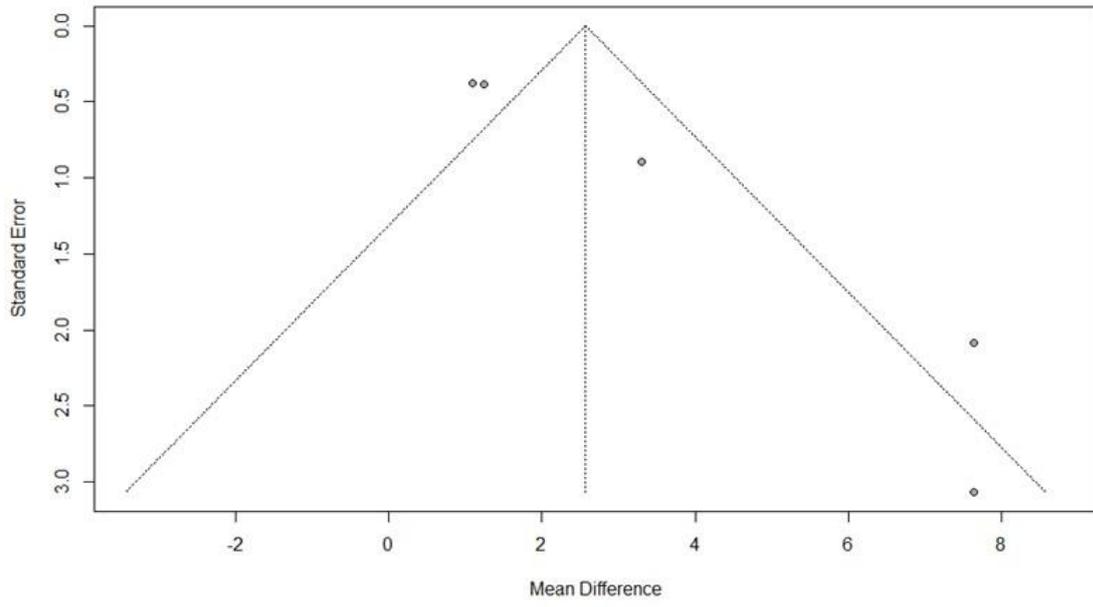


Figure S4. Funnel Plot.