

Supplementary Table 1 Each column (selection, comparability, exposure) corresponds with particular section of questions in NOS. Questions are numbered exactly as in the NOS itself. Stars (*) are given for each answer according to NOS criteria proposed by authors.

Newcastle-Ottawa Scale (NOS) for assessing cohort studies and case control studies.								
Study	Selection				Comparability	Exposure		
	1	2	3	4		1	2	3
Kiet et al. 2015	*	*	*	*	*	*	*	*
Singh et al. 2012	*	*	*	*	*	*	*	*
Waterman et al. 2015	*	*	*	*	*	*		*
Lindbloom et al. 2019	*	*	*	*	*	*	*	
Saltzman et al. 2014	*	*	*	*	*	*		*
Cho et al. 2017		*	*	*	*	*	*	
Ingoe et al. 2017	*	*	*	*	*	*		
Wagner et al. 2015	*	*	*	*	*	*	*	
Wieser et al. 2015	*	*	*	*	*	*	*	*
Austin et al. 2011	*	*	*	*	*	*		*
Athwal et al. 2009	*	*	*	*	*	*	*	*
Hatta et al. 2017	*	*	*	*	*	*	*	*
Burrus et al. 2015	*	*	*	*	*	*	*	
Walters et al. 2021	*	*	*	*	*	*	*	
Casp et al. 2020	*	*	*	*	*	*	*	
Hatta et al. 2020	*	*	*	*	*	*	*	*
Ristow et al. 2019	*	*	*	*	*	*	*	*
Cowling et al. 2017	*	*	*	*	*	*	*	*
Testa et al. 2022	*	*	*	*	*	*	*	

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Supplementary Table 2 Each column (selection, ascertainment, causality, reporting) corresponds with particular section of questions in Modified NOS. Questions are numbered exactly as in the scale itself. +'s are given for each affirmative answer, -'s are given for each negative answer. According to authors questions 4, 5, 6 are applicable mostly to pharmacological studies, so we haven't evaluated studies with them.

Both randomized control trials (Lo et al. and Gartsman et al.) were graded according to The Cochrane Collaboration's 'Risk of bias' tool as reported in the Cochrane Handbook for Systematic Reviews of Interventions. Bias for both studies were graded as moderate.

NOS Modified for assessing case series.								
Study	Selection	Ascertainment		Causality				Reporting
		1	2	3	4	5	6	
Feeley et al. 2008	+	+	+	/	/	/	+	+
Mansat et al. 2005	+	+	+	/	/	/	+	+
Schoch et al. 2017	+	+	+	/	/	/	+	+
Deshmukh et al. 2005	+	+	+	/	/	/	+	+
Somerson et al. 2018	+	+	+	/	/	/	-	+
Chin et al. 2006	+	+	+	/	/	/	+	+
Gadea et al. 2012	+	+	+	/	/	/	+	+
Boileau et al. 2006	-	+	+	/	/	/	+	+
Cuff et al. 2017	-	+	-	/	/	/	+	-
Ascione et al. 2018	+	+	-	/	/	/	+	-
Choi et al. 2019	-	+	+	/	/	/	+	+
Uribe et al. 2021	+	+	+	/	/	/	+	+
García-Fernández et al. 2015	-	+	-	/	/	/	+	-
Hasler et al. 2021	+	+	+	/	/	/	+	+
Rangarajan et al. 2020	+	+	+	/	/	/	-	+
Holcomb et al. 2010	+	+	+	/	/	/	+	+
Ji et al. 2013	+	-	+	/	/	/	+	-
Jeong et al. 2019	-	+	+	/	/	/	+	+
Owens et al. 2013	-	+	-	/	/	/	+	+
Melis et al. 2012	+	+	+	/	/	/	+	+
Levy et al. 2013	+	+	+	/	/	/	-	+
Flury et al. 2011	-	+	+	/	/	/	+	+
Antoni et al. 2016	+	+	+	/	/	/	+	+
Wagner et al. 2017	+	+	+	/	/	/	+	+
Wright et al.	-	+	-	/	/	/	+	-
Campbell et al. 1998	-	+	-	/	/	/	+	-
Wutzler et al. 2009	+	+	+	/	/	/	-	+

Kumar et al. 2004	+	+	+	/	/	/	+	+
Sewell et al. 2012	+	+	+	/	/	/	+	+
Groh et al. 2014	+	+	+	/	/	/	-	+
Worland et al. 1999	+	+	+	/	/	/	+	+
Wolf et al. 2012	-	+	+	/	/	/	+	+
Andersen et al. 2013	+	+	+	/	/	/	+	+
Schoch et al. 2017	-	+	-	/	/	/	+	-
Novi et al. 2021	+	+	+	/	/	/	+	+
Vincenti et al. 2022	+	+	+	/	/	/	+	+
Russo et al. 2015	+	+	+	/	/	/	+	+
Ortmaier et al. 2013	+	+	+	/	/	/	+	+
Mellano et al. 2017	+	+	+	/	/	/	+	+
Neyton et al.	+	+	+	/	/	/	+	+
Eyberg et al. 2020	+	+	+	/	/	/	+	+
Aibinder et al. 2019	+	+	+	/	/	/	+	+
Atoun et al. 2014	+	+	+	/	/	/	+	+
Rispoli et al. 2006	+	+	+	/	/	/	+	+
Kriechling et al. 2022	+	+	+	/	/	/	+	+
Mangano et al. 2016	+	+	+	/	/	/	+	+
Bartels et al. 2021	+	+	+	/	/	/	+	+
Hevesi et al. 2018	+	+	+	/	/	/	+	+
Sperling et al.	+	+	+	/	/	/	+	+

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