Table 1: Characteristics of the included systematic reviews with network meta-analyses

Study	Country of the first/ corresponding author	Name of the Journal	Reporting guidelines used in the review	Number of citations *	Source of funding	Number of primary studies included in the NMA
Lin et al., (2014)	Taiwan/ Taiwan	*Journal of Dentistry*	NR	110	National Science Council in Taiwan	22
Pulikkotil et al., (2018)	Malaysia/ Malaysia	*International Endodontic Journal*	PRISMA-NMA	40	NR	19
Nagendrababu et al., (2019a)	Malaysia/ Malaysia	*International Endodontic Journal*	PRISMA-NMA	41	NR	11
Nagendrababu et al., (2019b)	Malaysia/ Malaysia	*Journal of Endodontics*	PRISMA-NMA	33	NR	11
Zanjir et al., (2019)	Canada/ Canada	*Journal of Endodontics*	PRISMA-NMA	33	No funding received	46
Sivaramakrishnan et al., (2019)	Bahrain/ Bahrain	*Journal of Dental Anesthesia and pain medicine*	PRISMA	10	No funding received	60
Almuthhin et al., 2020	Saudi Arabia/ Saudi Arabia	*The Open Dentistry Journal*	PRISMA-NMA	3	No funding received	50
Zanjir et al., (2020)	Canada/ Canada	*Journal of Endodontics*	PRISMA-NMA	20	NR	11
de Souza Matos et al., (2021)	Brazil/ Brazil	*Australian Endodontic journal*	PRISMA	2	Brazilian Coordination and Improvement of Higher	10

					Level or Education Personnel (CAPES)	
Dioguardi et al., (2021)	Italy/ Italy	*Materials*	PRISMA	10	No funding received	3
Tedesco et al., (2021)	Brazil/ Brazil	*Brazilian Oral Research*	PRISMA-NMA	15	NR	7
Khater et al., (2021)	Egypt/ Egypt	*Journal of Evidence Based Dental Practice*	PRISMA-NMA	3	No funding received	6

* - Google scholar https://scholar.google.com ; NR – Not reported

Table 2: Summary of reporting quality assessment

Section and Topic	Item #	Checklist item	Adequately reported (%)	Partially reported (%)	Not reported (%)
Title	1	Title	100	0	0
Abstract	2	Structured summary	0	100	0
Introduction	3	Rationale	91.70	0	8.30
	4	Objectives	100	0	0
Methods	5	Protocol and registration	58.30	0	41.70
	6	Eligibility criteria	100	0	0
	7	Information sources	100	0	0
	8	Search	91.70	0	8.30
	9	Study selection	91.70	8.30	0
	10	Data collection process	50	41.70	8.30
	11	Data items	91.70	0	8.30
	S1	Geometry of the network	16.70	0	83.30
	12	Risk of bias within individual studies	33.30	58.30	8.30
	13	Summary measures	66.70	25	8.30
	14	Planned methods of analysis	83.30	8.30	8.30
	S2	Assessment of Inconsistency	75	0	25
	15	Risk of bias across studies	41.70	0	58.30
	16	Additional analyses	66.70	0	33.30
Results	17	Study selection	100	0	0
	S3	Presentation of network structure	91.70	0	8.30
	S4	Summary of network geometry	16.70	0	83.30
	18	Study characteristics	100	0	0
	19	Risk of bias within studies	100	0	0
	20	Results of individual studies	91.7	0	8.3
	21	Synthesis of results	66.7	33.3	0
	S5	Exploration for inconsistency	75	0	25
	22	Risk of bias across studies	83.3	0	16.7

	23	Results of additional analyses	75	0	25
Discussion	24	Summary of evidence	100	0	0
	25	Limitations	0	100	0
	26	Conclusions	83.3	16.7	0
Funding	27	Funding	58.3	41.7	0