

REFERENCE

Oliveira Júnior AJ, Oliveira JM, Bretz YPM, Mialhe FL. Online social networks for prevention and promotion of oral health: a systematic review. *Can J Dent Hyg.* 2023;57(2):83–97.

Supplementary Table S1. Synthesis of the results, compared by mean/standard deviation and median/interquartile range (n = 11)

Intervention follow-up ^a		Al-Silwadi et al. 2015 ³²	Zotti et al. 2016 ³³	Zotti et al. 2016 ³³	Nayak et al. 2018 ³⁴	Al-Ak'hali et al. 2020 ³⁶	Al-Ak'hali et al. 2020 ³⁶	Goicochea et al. 2020 ³⁷	Goicochea et al. 2020 ³⁷	Lotto et al. 2020 ³⁸	Lotto et al. 2020 ³⁸	Scheerman et al. 2020 ¹¹	Scheerman et al. 2020 ¹¹	Scheerman et al. 2020 ¹¹	Borujeni et al. 2021 ³⁹	Borujeni et al. 2021 ³⁹	Foner et al. 2021 ⁴⁰	Foner et al. 2021 ⁴⁰	Santos et al. 2021 ¹² [MED]	Santos et al. 2021 ¹² [MED]	Santos et al. 2021 ¹² [MED]	Saxena and Gunjal 2021 ⁴¹
		Outcome ^b																				
		OHK	PI	GI	OHK	PI	GI	OHK	PI	PI	DC	PI	TH	CPI	PI	GI	PI	GI	PI	GI	HAL	PI
C (t = 0)	Mean	12.63	0.48	1.17	29.97	1.24	1.26	6.92	79.15	0.39	0.35	2.82	12.11	1.72	–	–	19.16	1.92	2.5	3.0	2.0	30.15
	SD	1.47	0.34	0.66	6.3	0.55	0.6	1.83	9.89	0.34	0.32	0.84	3.44	0.39	–	–	9.28	2.36	1.0–4.0	2.0–4.0	0.0–4.0	3.31
	Total	30	40	40	78	19	19	24	24	52	52	278	278	278	–	–	37	37	22	22	22	18
I (t = 0)	Mean	12.77	0.41	1.18	28.72	1.39	1.38	8.27	74.31	0.43	0.40	2.80	12.32	1.70	–	–	16.90	1.58	3.0	3.0	3.0	37.88
	SD	1.61	0.32	0.67	5.9	0.46	0.39	1.95	8.86	0.32	0.41	0.67	3.73	0.55	–	–	10.26	2.65	1.0–4.0	1.0–4.0	1.0–5.0	3.31
	Total	30	40	40	72	24	24	22	22	52	52	253	253	253	–	–	40	40	22	22	22	18
C (t = 4–6)	Mean	12.70 ^c	–	–	38.82 ^d	1	0.98	7.50 ^c	79.50 ^d	–	–	2.86	12.04	1.71	37.30	24.21	12.59	2.92	2.0 ^b	2.0	2.0	27.31
	SD	1.51	–	–	6.8	0.47	0.51	2.02	7.14	–	–	0.93	3.48	0.43	19.93	16.70	8.38	4.13	1.0–4.0	1.0–4.0	0.0–4.0	11.87
	Total	30	–	–	78	19	19	24	24	–	–	278	278	278	30	30	37	37	22	22	22	18
I (t = 4–6)	Mean	13.67 ^c	–	–	49.59 ^f	1.13	1.21	9.91 ^c	60.22 ^f	–	–	2.55	14.90	1.69	36.12	26.20	12.30	1.90	2.0 ^b	2.0	3.0	33.50
	SD	1.21	–	–	5.4	0.45	0.43	2.34	12.08	–	–	0.56	4.39	0.59	19.40	20.63	10.96	2.72	1.0–3.0	1.0–3.0	1.0–4.0	11.87
	Total	30	–	–	72	24	24	22	22	–	–	253	253	253	30	30	40	40	22	22	22	18
C (t = 7–9)	Mean	–	–	–	–	–	–	–	–	–	–	–	–	–	46.45 ^c	36.00 ^c	–	–	–	–	–	26.25
	SD	–	–	–	–	–	–	–	–	–	–	–	–	–	22.11	23.24	–	–	–	–	–	2.89
	Total	–	–	–	–	–	–	–	–	–	–	–	–	–	30	30	–	–	–	–	–	18
I (t = 7–9)	Mean	–	–	–	–	–	–	–	–	–	–	–	–	–	32.82 ^c	23.40 ^c	–	–	–	–	–	29.77
	SD	–	–	–	–	–	–	–	–	–	–	–	–	–	18.21	15.73	–	–	–	–	–	2.89
	Total	–	–	–	–	–	–	–	–	–	–	–	–	–	30	30	–	–	–	–	–	18
C (t = 10–12)	Mean	–	1.72	1.35	–	0.6	0.6	–	–	0.39	0.43	–	–	–	59.53 ^f	67.67 ^d	–	–	–	–	–	–
	SD	–	0.33	0.58	–	0.33	0.33	–	–	0.32	0.37	–	–	–	14.65	85.64	–	–	–	–	–	–
	Total	–	40	40	–	19	19	–	–	52	52	–	–	–	30	30	–	–	–	–	–	–
I (t = 10–12)	Mean	–	1.68	1.11	–	0.8	0.68	–	–	0.47	0.54	–	–	–	24.91 ^d	19.47 ^d	–	–	–	–	–	–
	SD	–	0.40	0.48	–	0.36	0.39	–	–	0.33	0.48	–	–	–	12.76	14.21	–	–	–	–	–	–
	Total	–	40	40	–	24	24	–	–	52	52	–	–	–	30	30	–	–	–	–	–	–
C (t = 13–15)	Mean	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
I (t = 13–15)	Mean	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
C (t = 18–21)	Mean	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	SD	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
	Total	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Intervention follow-up ^a	Al-Silwadi et al. 2015 ³²	Zotti et al. 2016 ³³	Zotti et al. 2016 ³³	Nayak et al. 2018 ³⁴	Al-Ak'hali et al. 2020 ³⁶	Al-Ak'hali et al. 2020 ³⁶	Goicochea et al. 2020 ³⁷	Goicochea et al. 2020 ³⁷	Lotto et al. 2020 ³⁸	Lotto et al. 2020 ³⁸	Scheerman et al. 2020 ¹¹	Scheerman et al. 2020 ¹¹	Scheerman et al. 2020 ¹¹	Borujeni et al. 2021 ³⁹	Borujeni et al. 2021 ³⁹	Foner et al. 2021 ⁴⁰	Foner et al. 2021 ⁴⁰	Santos et al. 2021 ¹² [MED]	Santos et al. 2021 ¹² [MED]	Santos et al. 2021 ¹² [MED]	Saxena and Gunjal 2021 ⁴¹
	Outcome ^b																				
	OHK	PI	GI	OHK	PI	GI	OHK	PI	PI	DC	PI	TH	CPI	PI	GI	PI	GI	PI	GI	HAL	PI
	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I (t = 18-21)	Mean	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C (t = 21-24)	Mean	-	1.80 ^d	1.31 ^c	-	-	-	-	0.31	0.52	2.88	11.93	1.70	-	-	-	-	-	-	-	-
	SD	-	0.45	0.58	-	-	-	-	0.33	0.42	0.95	3.57	0.49	-	-	-	-	-	-	-	-
	Total	-	40	40	-	-	-	-	52	52	278	278	278	-	-	-	-	-	-	-	-
I (t = 21-24)	Mean	-	1.45 ^d	0.99 ^c	-	-	-	-	0.38	0.59	2.53	14.92	1.60	-	-	-	-	-	-	-	-
	SD	-	0.34	0.50	-	-	-	-	0.31	0.52	0.51	4.27	0.62	-	-	-	-	-	-	-	-
	Total	-	40	40	-	-	-	-	52	52	253	278	278	-	-	-	-	-	-	-	-
C (t >24)	Mean	-	1.79 ^f	1.40 ^f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SD	-	0.54	.57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
I (t >24)	Mean	-	1.06 ^f	0.67 ^f	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	SD	-	0.47	0.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total	-	40	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

^aC = control; I = intervention; t = time in weeks; SD = standard deviation

^bOHK = oral health knowledge; PI = plaque index; GI = gingival index; DC = dental caries; TH = toothbrushing; CPI = community periodontal index; HAL = halitosis; MED = median

^{c,d,e,f}Comparison with *p* value: (<0.05)^c, (<0.01)^d, (<0.001)^e, (<0.0001)^f

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