

Supplementary Table 4. Independent t-test Result of Effect of Intervention on the Outcome Variables between Two Groups (N = 79)

Variables	Groups	Pre-test	Post-test	Difference	t	p
		Mean ± SD				
Knowledge	Int.	17.27 ± 2.56	24.00 ± 1.22	6.73 ± 2.67	10.35	< .001
	Con.	17.38 ± 2.13	18.10 ± 2.64	0.71 ± 2.49		
Anxiety	Int.	3.27 ± 3.02	2.76 ± 2.58	- 0.51 ± 2.19	- 0.39	.698
	Con.	1.36 ± 2.14	1.05 ± 1.82	- 0.31 ± 2.43		
Confidence in performing infection control skills	Int.	30.22 ± 4.49	35.16 ± 3.72	4.95 ± 4.56	5.52	< .001
	Con.	32.36 ± 5.51	31.90 ± 5.23	- 0.45 ± 4.12		
Perception of preparedness	Int.	31.95 ± 11.52	49.35 ± 9.49	17.41 ± 10.92	7.10	< .001
	Con.	44.48 ± 12.37	46.74 ± 14.23	2.26 ± 7.96		

SD = Standard deviation; Int. = Intervention group (n = 37); Con. = Control group (n = 42).