

Table 1) Comparison of demographic variables between intervention and control groups

Demographic Variables		Intervention (23 Persons)		Control (27Persons)		Significance Level
		N	%	N	%	
Age (Year)	12-15	6	26	1	3.7	0.268
	16-19	9	39	17	63	
	20-23	8	35	9	33.3	
Habitat	Urban	20	87.1	18	88.9	0.094
	Rural	3	12.9	9	11.1	
Education Level	Seventh Grade	4	17.2	1	3.7	0.393
	Ninth Grade	5	21.7	4	14.8	
	First Grade of High School	4	17.2	8	29.6	
	Second Grade of High School	5	21.7	9	33.3	
Family Dimension	Third Grade of High School	5	21.7	5	18.5	0.723
	2 and 3	1	4.3	3	11.1	
	4 and 5	13	56.4	12	44.4	
	6 and 7	8	34.7	9	33.3	
Birth Rank	8 and 9	1	4.3	3	11.1	0.523
	First	9	39.1	7	25.9	
	Second	9	39.1	9	33.3	
	Third	2	8.7	3	11.1	
	Fourth	2	8.7	2	7.4	
Mother's Education	Fifth, Sixth, and Seventh	1	4.3	6	22.2	0.088
	Illiterate	8	34.7	16	59.3	
	Less than Diploma	15	65.3	10	37	
Father's Education	Diploma	0	0	1	3.7	0.882
	Illiterate	8	34.8	10	37	
	Less than Diploma	13	56.5	16	59.3	
	Diploma	1	4.3	1	3.7	
Mother's Occupation	Higher than Diploma	1	4.3	0	0	0.995
	Employed	0	0	1	3.7	
	Housewife/House Husband	22	95.7	25	92.5	
Father's Education	Self-Employed	1	4.3	1	3.7	0.737
	Employed	1	4.3	2	7.4	
	Worker	13	56.5	17	63	
History of Injury	Self-Employed	9	39.2	8	29.6	0.412
	Without Injury	18	81.5	17	63	
	Minor Injury	5	18.5	8	29.6	
Disability	Severe Injury	0	0	2	7.4	0.781
	Deaf	6	26	8	29.5	
	Semi-deaf	17	74	19	70.5	

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Table 2) Comparison of mean scores of awareness, health belief model structures and preventive behaviors of students before and after intervention in control and intervention groups

Model Constructs	Group	Before	After	*Significance Level
Knowledge	Intervention	58.93±15.83	73.43±17.35	0.002
	Control	57.2±18.91	60.08±16.94	0.586
	**Significance Level	0.730	0.008	-
Perceived Susceptibility	Intervention	66.95±13.40	71.73±11.75	0.176
	Control	67.40±13.93	62.22±10.93	0.164
	Significance Level	0.908	0.005	-
Perceived Severity	Intervention	42.75±11.01	74.49±12.89	0.001
	Control	38.64±12.80	47.53±13.15	0.016
	Significance Level	0.235	0.001	-
Perceived benefits	Intervention	33.15±12.20	65.94±18.53	0.001
	Control	30.24±8.84	31.79±12.12	0.560
	Significance Level	0.337	0.001	-
Perceived Barriers	Intervention	70.70±11.60	67.70±19.22	0.505
	Control	68.51±14.10	71.34±19.94	0.561
	Significance Level	0.559	0.516	-
cues to Action	Intervention	35.30±8.29	71.94±12.07	0.001
	Control	32.24±13.15	38.71±16.11	0.192
	Significance Level	0.521	0.001	-
Self-Efficacy	Intervention	33.93±8.45	71.61±8.66	0.001
	Control	32.30±10.48	43±15.83	0.001
	Significance Level	0.552	0.001	-
Performance	Intervention	80.30±12.74	91.30±7.49	0.001
	Control	85.40±12.88	85.18±15.24	0.941
	Significance Level	0.168	0.086	-

*Results are based on paired t-test; **Results are based on independent t-test

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