

**Table 1.** The absolute and relative frequency of demographic characteristics of the students in the control and experimental groups (n=70 per group; the numbers in parentheses are percentages)

<b>Demographic variables</b>	<b>Control group</b>	<b>Experimental group</b>	<b>p-value</b>
<b>Father's education</b>			
Illiterate	4 (5.72)	5 (7.14)	0.732
Below diploma	39 (55.71)	41 (58.57)	
Diploma	11 (15.72)	13 (18.57)	
Above diploma	16 (22.85)	11 (15.72)	
<b>Mother's education</b>			
Illiterate	6 (8.57)	5 (7.14)	0.811
Below diploma	41 (58.57)	43 (61.43)	
Diploma	12 (17.14)	10 (14.29)	
Above diploma	11 (15.72)	12 (17.14)	
<b>Father's job</b>			
Employee	46 (65.71)	47 (67.14)	0.672
Non-governmental	20 (28.57)	18 (25.71)	
Unemployed	4 (5.72)	5 (7.14)	
<b>Mother's job</b>			
Housewife	54 (77.15)	57 (81.43)	0.422
Employee	16 (22.85)	13 (18.57)	

**Table 2.** The mean scores of awareness, constructs of the health belief model, and preventive behavior to develop influenza A in the experimental and control groups before and after the intervention

Variables	Control group	Experimental group	Mean difference	p-value
<b>Awareness</b>				
Before intervention	4.65±1.32	4.98±1.93	0.33±1.03	0.76
Before intervention	4.15±1.65	8.96±0.99	4.81±1.23	<0.001
p-value	0.81	<0.001	<0.001	-
<b>Perceived severity</b>				
Before intervention	10.51±2.39	9.95±2.29	0.56±1.39	0.50
Before intervention	10.36±2.66	13.18±1.86	2.82±1.03	0.002
p-value	0.87	<0.001	<0.001	-
<b>Perceived sensitivity</b>				
Before intervention	22.23±3.56	22.27±3.87	0.04±0.83	0.87
Before intervention	22.11±3.63	26.40±2.44	4.29±2.26	<0.001
p-value	79/0.	<0.001	<0.001	-
<b>Perceived benefits</b>				
Before intervention	19.36±3.85	18.21±3.55	1.15±3.41	0.59
Before intervention	18.53±4.39	22.72±2.12	4.19±1.83	<0.001
p-value	0.12	<0.001	<0.001	-
<b>Perceived barriers</b>				
Before intervention	12.51±3.23	12.52±2.73	0.01±1.32	0.40
Before intervention	11.80±3.53	16.66±2.67	4.86±2.64	<0.001
p-value	0.15	<0.001	<0.001	-
<b>Perceived self-efficacy</b>				
Before intervention	18.43±4.25	16.80±4.36	1.63±3.59	0.74
Before intervention	18.54±3.77	22.12±2.22	3.58±2.01	0.024
p-value	0.83	<0.001	<0.001	-
<b>Preventive behaviors to develop influenza A</b>				
Before intervention	13.78±2.90	13.65±2.70	0.13±2.41	0.632
Before intervention	13.66±2.60	17.20±2.5	3.53±2.28	<0.001
p-value	0.842	<0.001	<0.001	-