Table 1) The results of demographic information comparison between the intervention and control groups before the intervention in terms of frequency (percentage) and mean ± standard deviation (n=145)

Variable	Intervention group	Control group	P-value
Father's job			
Employee	24(32.0)	35(50.0)	
Self employed	17(22.7)	20(28.6)	p=0.008*
Other	34(45.3)	15(221.4)	
Mother's job			
Employee	15(20.0)	33(47.1)	
Housewife	60(80.0)	37(52.9)	p=0.001*
Father's education			
High school	47(62.7)	31(44.3)	
Higher education	28(37.3)	39(55.7)	p=0.002*
Mother's education			
High school	51(68.0)	35(50.0)	
Higher education	24(32.0)	35(50.0)	p=0.002*
History of head lice infection			
Yes	5(6.7)	5(7.1)	
No	70(93.3)	65(92.9)	p=0.992**
Family history of head lice infection			
Yes	7(9.3)	4(5.7)	
No	68(90.7)	66(94.3)	p=0.411*
Age	12.98±0.9	13.11±0.98	p=0.514***
Frequency of family members	4.65±1.01	4.42±0.92	p=0.192***
Frequency of combs per week	2.56±1.54	2.75±1.02	p=0.178***
Frequency of baths per week	2.36±0.72	2.68±0.9	p=0.502***

Chi-Square test *; Fisher's exact tests **; Mann-Whitney U test ***

Table 2) Investigation of health belief model constructs in intervention and control groups before, immediately, and 3 months after the intervention

variable	Median intervention (Interquartile range)	Median control (Interquartile range)	Mann Whitney U test
Awareness			
Before intervention	12(3)	13(4)	P=0.157
Immediately after intervention	17(2)	14(3)	P<0.001
3 months after intervention	16(1)	16(3)	P=0.005
Observed changes immediately compared to before intervention	4(4)	1(3)	P<0.001
Observed changes, 3 months after intervention compared to before intervention	4(4)	2(5)	P=0.002
sensitivity			
Before intervention	15(5)	15(6)	P=0.967
Immediately after intervention	18(2)	15(5)	P<0.001
3 months after intervention	19(2)	16(3)	P<0.001
Observed changes immediately compared to before intervention	3(3)	0(4.25)	P<0.001
Observed changes 3 months after the intervention compared to before intervention	3(4)	2(5)	P=0.001
Perceived barriers			
Before intervention	16(5)	16(4)	P=0.119
Immediately after intervention	19(2)	15(3)	P<0.001
3 months after intervention	18(1)	15.5(3.25)	P<0.001
Observed changes immediately compared to before intervention	3(6)	0(6)	P<0.001
Observed changes 3 months after intervention compared to before intervention	3(5)	-5(5.25)	P<0.001
Perceived benefits			
Before intervention	16(6)	15(6)	P=0.311
Immediately after intervention	19(2)	16(4)	P<0.001
3 months after intervention	18(2)	17(3)	P<0.001
Observed changes immediately compared to before intervention	2(6)	0(3)	P<0.001
Observed changes 3 months after intervention compared to before intervention	2(6)	0(6)	P<0.001
Efficacy			
Before intervention	15(3)	17.5(4)	P=0.001
Immediately after intervention	17(2)	18(2)	P=0.758
3 months after intervention	17(1)	18(3)	P=0.132
Observed changes immediately compared to before intervention	1(2)	0(3)	P<0.001
Observed changes 3 months after intervention compared to before intervention	2(4)	0(3.25)	P=0.001

	Median intervention (Interquartile range)	Median control (Interquartile range)	Mann Whitney U test

Table 3) Results of variance analysis of duplicate data using the Health Belief Model constructs in intervention and control groups immediately and 3 months after the intervention

Variable	Group	Regression coefficient	Standard error	P-Value
Perceived intensity				
Immediately after intervention	Intervention	3.29	0.37	<0.001
	Control	-	-	
3 months after intervention	Intervention	2.75	0.43	<0.001
	Control	-	-	
Practice guidance				
Immediately after intervention	Intervention	1.94	0.43	<0.001
	Control	-	-	
3 months after intervention	Intervention	2.54	0.42	<0.001
	Control	-	-	
Behavior				
Immediately after intervention	Intervention	0.65	0.2	0.002
	Control	-	-	
3 months after intervention	Intervention	-0.64	1.38	0.643
	Control	-	-	