

Table 1) Demographic characteristics of the studied mothers and children

Demographic Characteristics		Number	Percentage
Mothers' Occupation	Housewife	301	86
	Employed	49	14
Mothers' Education	Primary School	49	14
	Junior High School	58	16.6
	Senior High School	140	40
	University	103	29.4
Economic Status of Family based on Monthly Income(Toman)	Low (Less than 500.000)	100	28.4
	Medium (500.000-1.500.000)	242	69.1
	High (More than 1.500.000)	8	2.3
Child's Gender	Girl	171	48.9
	Boy	179	51.1
History of Special Disease	Yes	19	5.6
	No	331	94.6
Danger Signs in Childeren Recognized by Mothers	Yes	47	13.4
	No	303	86.6

Table 2) The mean score of knowledge, attitude and performance of mothers about danger signs in children less than five years (performance 1, 2, 3 are in the domain of respiratory infections, diarrhea and febrile seizures, respectively)

Variable	Mean	SD	Minimum	Maximum
Knowledge	60.71	13.7	6.90	100
Attitud	77.45	5.29	37.22	96.11
Performance 1	49.5	41.5	0	1000
Performance 2	49.25	41.42	0	100
Performance 3	52.1	42.91	0	100

Table3) The relationship between qualitative demographic characteristics of mothers and children and the knowledge, attitude and performance regarding danger signs in children (performance 1, 2, 3 are in the domain of respiratory infections, diarrhea and febrile seizures, respectively)

Variables	Status of Occupation in Mothers		P Value	Child's Gender		P Value	History of Child's Disease		P Value
	Housewife	Employed		Girl	Boy		No	Yes	
Knowledge	60.56± 13.02	61.64± 17.42	0.61	61.68± 12.35	59.79± 14.85	0.197	60.69± 13.87	61.16± 10.52	0.885
Attitude	77.24± 4.57	78.69± 8.45	0.247	77.78± 4.72	77.13± 5.78	0.257	77.46± 5.38	77.22± 3.62	0.846
Performance 1	45.48± 41.59	74.14± 31.43	0.001	48.56± 41.6	50.39± 41.49	0.68	49.32± 41.46	51.63± 43.21	0.736
Performance 2	44.9± 41.19	75.93± 32.08	0.001	47.92± 41.57	50.51± 41.36	0.561	48.99± 41.33	53.72± 43.96	0.629
Performance 3	48.32± 43.47	75.34± 30.65	0.001	50.73± 42.74	53.43± 42.15	0.558	51.97± 42.89	54.38± 44.38	0.812

Table 4) The relationship between qualitative demographic characteristics of mothers and children and the knowledge, attitude and practice in terms of the signs of dangers in children (performance 1, 2, 3 are in the domain of respiratory infections, diarrhea and febrile seizures, respectively)

Variable	Economic Status of Family			P Value	Mother's Occupation				P Value
	Low	Medium	High		Primary School	Junior H. School	Senior H. School	University	
knowledge	57.44± 13.01	61.89± 13.85	65.94± 11.12	0.013	59.93± 14.58	58.79± 12.17	61.45± 12.58	62.6± 15.17	0.064
Attitude	77.26± 4.16	77.54± 5.74	77.08± 3.91	0.892	76.45± 4.45	76.78± 4.45	77.32± 5.07	77.45± 5.29	0.082
Performance 1	30.83± 39.38	56.88± 40.1	59.37± 39.94	0.001	37.84± 40.96	34.26± 40.82	46.3± 41.25	67.96± 36.02	0.001
Performance 2	30.5± 38.93	56.76± 40.16	56.25± 39.52	0.001	39.03± 42.21	32.25± 38.46	45.98± 40.92	68.12± 36.54	0.001
Performance 3	34.62± 43.41	58.91± 40.78	64.58± 41.96	0.001	41.58± 44.16	36.06± 42.71	48.92± 42.66	70.46± 36.54	0.001

Table 5) Correlation between the performance of mothers on the symptoms of danger in children and the knowledge, attitudes and demographic characteristics of mothers and children (performance 1, 2, 3 are in respiratory infections, diarrhea and febrile seizures, respectively)

Variables	1	2	3	4	5	6	7
1- Performance 1	1						
2- Performance 2	**0.985	1					
3- Performance 3	**0.974	**0.970	1				
4- knowledge	0.021	0.004	0.027	1			
5- Attitude	*0.115	*0.115	*0.115	**0.198	1		
6- Mother's Age	*0.108	*0.119	0.094	**0.120	0.059	1	
7- Child's Age	-0.017	-0.012	-0.027	0.039	-0.048	**0.219	1
8- Birth Rank of Child	*-0.109	*-0.105	-0.105	0.017	0.026	**0.502	-0.030

**Correlation is significant at the level of 0.05