Table 1. The absolute and relative frequency of demographic characteristics of diabetic patients (n=320)

Variables	No.	%
Gender		
Female	217	67.8
Male	103	32.2
Marital status		
Married	297	92.8
Single	23	7.2
Education		
Primary	214	66.9
Secondary	34	10.6
High school	10	3.1
Diploma	43	13.4
University	19	5.9
Occupation		
Housewife	197	61.7
Retired	57	17.8
Non-governmental	30	9.4
Employee	16	5.0
Unemployed	14	4.4
Farmer	6	1.9
Insurance		
Yes	314	98.1
No	6	1.9
Treatment type		
Oral administration	157	49.1
Insulin	163	50.9

Table 2. The mean scores of research variables and their correlation coefficients with oral and dental care function in diabetic patients

Variables	Scores	Correlation coefficient with function	P value
Knowledge	2.26±0.31	0.172	0.002
Perceived sensitivity	3.36±0.69	0.127	0.023
Perceived severity	4.27±0.67	0.26	0.001
Perceived benefits	2.98±0.63	0.37	0.001
Perceived barriers	4.16±0.77	-0.25	0.001
Self-efficacy	3.49±0.77	0.53	0.001
Internal cue of action	3.94±0.78	0.2	0.68
External cue of action	3.52±0.85	0.8	0.14
Health care function	2.31±0.55	-	-

Table 3. Regression analysis coefficients of the predictive variables for diabetic patients function in oral and dental health care behaviors

Predictive variables	Non-standardized coefficient (B)	Standardized coefficient (β)	t	P value	Coefficient of Determination R^2
Knowledge	0.16	0.9	1. 95	0.051	0.34
Perceived barriers	-0.08	-0.10	-2.01	0.045	
Self-efficacy	0.27	0.37	6.66	0.001	

Predictive variables	Non-standardized coefficient	Standardized coefficient (β)	t	P value	Coefficient of Determination R^2