Use of Dental Health Services in Type 2 Diabetic Patients, Covered under Taiwan National Health Insurance (NHI) System

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Background

As the result of the prevale... the fifth of top ten cause... 6% and it was also ... that periodontal disea... ...studies show diabetic patients. Alth... ...encountered in the relationship bet... ...e that supports awareness is lacking ... oral health

Objective

Health insurance ... seek health care services. Known a... ...aiwanese system is single-payer com... ...preventive medical and dental services. ... ...suggests regular dental visits are impo... ...therefore evaluated the use of dental he... ...patients, covered under NHI system.

Method

Totall... ...cal Center in ...tion by a ...sed with ...ariate ...rs in ...e past six ...regularly ...disease ...eing a ...re

Table 1. Participants' socio-demographic characteristics. (N=348)

Characteristic	No.	%
Age, mean±SD	56.7±9.6	
HbA1c, mean±SD	7.7±1.6	
Duration of diabetes (year)		
<5	190	55.9
5-10	69	20.3
>10	81	23.8
Gender		
Male	204	58.6
Female	144	41.4
Yearly household income (NTD)		
<450000	178	52.5
450000-600000	64	18.9
>600000	97	28.6
Educational level		
Less than junior high school	195	56.0
High school	103	29.6
Higher than technical school/college	50	14.4
Occupational		
Yes	174	50.0
No	174	50.0
Perceived oral health		
Very good /Good	80	23.0
Common	171	49.1
Very poor/Poor	97	27.9
Periodontal disease		
No	191	45.1
Yes	157	54.9
Dental visit in 6 months		
No	225	64.7
Yes	123	35.3
Oral health advice from health professionals (multi)		
Brush teeth	107	30.8
See dentist regularly	102	29.3
Check gingiva	24	6.9
Use dental floss	54	15.5

Table 2. Logistic regression analysis of factors related to dental visit.

Variables	Dental visit					
	Yes		No		OR	95% CI
	No.	%	No.	%		
Gender						
Female	49	39.8	95	42.2	ref	
Male	74	60.2	130	57.8	1.18	
Age mean±SD	57.2±9.1		56.5±9.0		1.00	
Educational level						
Less than junior high school	67	54.5	128	56.9	ref	
High school	30	27.4	73	32.4	0.79	
Higher than technical school/college	26	21.1	24	10.7	2.07	
Periodontal disease						
No	51	41.5	140	62.2	ref	
Yes	72	58.5	85	37.8		
Advice (see dentist regularly)						
No	66	53.7	180	80.0	ref	
Yes	57	46.3	45	20.0		