Table 1. Demographic characteristics of the samples

Variables		Frequency	Percentage
Age, year	14	36	18.8
	15	34	17.7
	16	66	34.4
	17	48	25.0
	18	8	4.2
Father's job	Employee	95	49.3
	Physician	8	4.2
	Non-governmental	68	35.4
	Retired	17	8.9
	Unemployed	4	2.1
Mother's job	Employee	61	31.9
	Physician	4	2.1
	Non-governmental	8	4.2
	Retired	2	1.0
	Housewife	116	60.7
Father's education	Illiterate and elementary	3	1.6
	Guidance school	21	10-Sep
	Diploma and associate degree	56	Feb-29
	Undergraduate	43	22.4
	Master's degree and higher	66	34.4
	I do not know	3	1-Jun
Mother's education	Illiterate and elementary	8	4-Feb
	Guidance school	12	6.3
	Diploma and associate degree	79	41.1
	Undergraduate	54	28.1
	Master's degree and higher	36	18.8
	I do not know	3	1.6
Economic status	Poor	14	7.3
	Moderate	87	45.3
	Good	79	41.1
	Excellent	12	6.3

Table 2. Student's responses for the affected daily life activities based on the OIDP questionnaire

Type of activity	Effect	
	Yes (%)	No (%)
Eating	8 (4.2)	184 (95.8)
Talking	14 (7.3)	178 (92.7)
Brushing teeth	7 (3.6)	185 (96.4)
Doing light activities	11 (5.7)	181 (94.3)
Going out	8 (4.2)	184 (95.8)
Sleeping	9 (4.7)	183 (95.3)
Resting	11 (5.7)	181 (94.3)
Laughing	30 (15.6)	162 (84.4)
Emotional situations	19 (9.9)	173 (90.1)
The pleasure of social relationships	14 (7.3)	178 (92.7)
Work activities	4 (2.1)	188 (97.9)

Table 3. Comparison of the relationship between mean score of quality of life and the need for orthodontic treatment in students based on dental health index

Occlusion condition	Number	Percentage	Mean	SD	Test value	P value
No or minimum need for orthodontic treatment	98	51	5.87	18.87	2.4	0.132
Borderline need for orthodontic treatment	34	17.7	1.88	5.3		
The definitive need for orthodontic treatment	60	31.3	10.8	24.5		
Total	192	100	6.48	19.48		

Table 4. Comparison of the relationship between the mean score of quality of life and the need for orthodontic treatment in students based on AC based on the students and dentist

Occlusion condition		Number	Percentage	Mean	SD	Test value	P value
Based on the subjects	No or minimum need for orthodontic treatment	173	90.1	5.83	15.79	4.9	0.018
	Borderline need for orthodontic treatment	10	5.2	22.8	54.21		
	The definitive need for orthodontic treatment	9	4.7	0.89	2.67		
	Total	192	100	6.48	19.48		
According to the dentist	No or minimum need for orthodontic treatment	181	94.3	5.62	15.51	5.66	0.004
	Borderline need for orthodontic treatment	8	4.2	28.37	59.84		
	The definitive need for orthodontic treatment	3	1.6	0.001	0.001		
	Total	192	100	6.48	19.48		