

**Supplementary Table 1. Demographic Characteristics of Study Participants.**

	<b>Total (n)</b>	<b>Percentage %</b>
<b>Age (N = 169)</b>		
18-30	106	62.72
31-40	31	18.34
41+	32	18.93
<b>Gender (N = 169)</b>		
Male	153	90.53
Female	16	9.47
<b>nationality (N = 169)</b>		
Saudis	150	88.76
Non- Saudis	19	11.24
<b>Income (N = 169)</b>		
5000-15000	103	60.95
<5000	40	23.67
>15000	26	15.38
<b>Systemic diseases (N = 169)</b>		
None	144	85.21
Diseased	25	14.79
<b>Medication (N = 169)</b>		
No	152	89.94
Yes	17	10.06
<b>Education (N = 169)</b>		
Bachelor's	57	33.73
Diploma	29	17.16
≤High School	83	49.11
<b>BMI (N = 169)</b>		
Healthy	83	48.52
Obese	21	12.43
Overweight	65	38.46

**Supplementary Table 2. Smoking and dental health habits of Study Participants**

	<b>Total (n)</b>	<b>Percentage %</b>
<b>Smoking (N = 169)</b>		
Yes	149	88.17
No	20	11.83
<b>Smoking group (N = 169)</b>		
Cigarette	46	27.22
E-Cigarette	63	37.28
Hooka	9	5.33
Mixed	31	18.34
None	20	11.83

<b>Smoking Frequency (N = 169)</b>		
Heavy	50	29.59
Light	31	18.34
None	88	52.07
<b>Smoking Duration (N = 169)</b>		
Long >3 years	104	61.54
Short ≤ 3	45	26.63
None	20	11.83
<b>Oral hygiene (N = 169)</b>		
Poor	42	24.85
Fair	69	40.83
Good	58	34.32
<b>Brushing frequency (N = 169)</b>		
≥ Twice/Day	81	47.93
Once/day	68	40.24
Doesn't brush	20	11.83
<b>Flossing group (N=169)</b>		
No	131	77.51
Yes	38	22.49
<b>Periodontal disease (N = 169)</b>		
No	56	33.14
Yes	113	66.86