

Table S1. Comparison of the frequency of different types of rugae patterns in all women in the study of each of the control and case groups.

RUGAE PATTERNS		CONTROL (NORMAL), FREQUENCY (%)	CASE (HYPODONTIA), FREQUENCY (%)	TOTAL FREQUENCY (%)	P-VALUE
Straight Total	Absent	14 (31.1)	11 (26.8)	25 (29.1)	0.66
	Present	31 (68.9)	30 (73.2)	61 (70.9)	
Curved Total	Absent	12 (26.7)	9 (22)	21 (24.4)	0.61
	Present	33 (73.3)	32 (78)	65 (75.6)	
Wavy Total	Absent	9 (20)	10 (24.4)	19 (22.1)	0.63
	Present	36 (80)	31 (75.6)	67 (77.9)	
Annular/ring Total	Absent	30 (66.7)	31 (75.6)	61 (70.9)	0.36
	Present	15 (33.3)	10 (24.4)	25 (29.1)	
Papillary Total	Absent	33 (73.3)	34 (82.9)	67 (77.9)	0.28
	Present	12 (26.7)	7 (17.1)	19 (22.1)	
Cross linked Total	Absent	41 (91.1)	40 (97.6)	81 (94.2)	0.2
	Present	4 (8.9)	1 (2.4)	5 (5.8)	
Branch Total	Absent	37 (82.2)	31 (75.6)	68 (79.1)	0.45
	Present	8 (17.8)	10 (24.4)	18 (20.9)	
Breaks Total	Absent	37 (82.2)	34 (82.9)	71 (82.6)	0.93
	Present	8 (17.8)	7 (17.1)	15 (17.4)	
Converging Total	Absent	39 (86.7)	35 (85.4)	74 (86)	0.86
	Present	6 (13.3)	6 (14.6)	12 (14)	
Diverging Total	Absent	25 (55.6)	25 (61)	50 (58.1)	0.61
	Present	20 (44.4)	16 (39)	36 (41.9)	
Non-specific Total	Absent	39 (86.7)	29 (70.7)	68 (79)	0.07
	Present	6 (13.3)	12 (29.3)	18 (21)	

Table S2. Comparison of the frequency of different types of Rugae patterns in all men in the study of each of the control and case groups.

RUGAE PATTERNS		CONTROL (NORMAL), FREQUENCY (%)	CASE (HYPODONTIA), FREQUENCY (%)	TOTAL FREQUENCY (%)	P-VALUE
Straight Total	Absent	5 (33.3)	6 (31.6)	11 (32.4)	0.83
	Present	10 (66.7)	13 (68.4)	23 (67.6)	
Curved Total	Absent	5 (33.3)	6 (31.6)	11 (32.4)	0.83
	Present	10 (66.7)	13 (68.4)	23 (67.6)	
Wavy Total	Absent	5 (33.3)	2 (10.5)	7 (20.6)	0.1
	Present	10 (66.7)	17 (89.5)	27 (79.4)	
Annular/ring Total	Absent	14 (93.3)	15 (78.9)	29 (85.3)	0.24
	Present	1 (6.7)	4 (21.1)	5 (14.7)	

Papillary Total	Absent	11 (73.3)	14 (73.7)	25 (73.5)	0.98
	Present	4 (26.7)	5 (26.3)	9 (26.5)	
Cross linked Total	Absent	15 (100)	17 (89.5)	32 (94.1)	0.19
	Present	0	2 (10.5)	2 (5.9)	
Branch Total	Absent	13 (86.7)	12 (63.5)	25 (73.5)	0.12
	Present	2 (13.3)	7 (36.8)	9 (26.5)	
Breaks Total	Absent	14 (93.3)	19 (100)	33 (97.1)	0.25
	Present	1 (6.7)	0	1 (2.9)	
Converging Total	Absent	12 (80)	15 (78.9)	27 (79.4)	0.94
	Present	3 (20)	4 (21.1)	7 (20.6)	
Diverging Total	Absent	6 (40)	5 (26.3)	11 (32.4)	0.39
	Present	9 (60)	14 (73.7)	23 (67.6)	
Non-specific Total	Absent	12 (80)	16 (84.2)	28 (82.4)	0.75
	Present	3 (20)	3 (15.8)	6 (17.6)	