

Periodontal index
36/37

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Healthy gingival tissues	Male	10	8.5	6	7.1	15	12.3	1	0.9	0	0.0	32	7.0
	Female	17	13.8	14	13.5	4	3.8	2	2.3	0	0.0	37	8.6
	Total	27	11.3	20	10.6	19	8.4	3	1.5	0	0.0	69	7.8
Bleeding on probing	Male	11	9.4	1	1.2	2	1.6	1	0.9	1	4.8	16	3.5
	Female	21	17.1	5	4.8	3	2.9	2	2.3	0	0.0	31	7.2
	Total	32	13.3	6	3.2	5	2.2	3	1.5	1	3.0	47	5.3
Calculus detected or defective restoration margins	Male	66	56.4	44	52.4	33	27.0	18	16.4	6	28.6	167	36.8
	Female	50	40.7	47	45.2	39	37.5	26	30.2	1	8.3	163	38.0
	Total	116	48.3	91	48.4	72	31.9	44	22.4	7	21.2	330	37.4
Pocket >4mm, <6mm	Male	17	14.5	19	22.6	21	17.2	16	14.5	1	4.8	74	16.3
	Female	26	21.1	18	17.3	18	17.3	8	9.3	0	0.0	70	16.3
	Total	43	17.9	37	19.7	39	17.3	24	12.2	1	3.0	144	16.3
Pocket >6mm	Male	10	8.5	10	11.9	23	18.9	11	10.0	1	4.8	55	12.1
	Female	7	5.7	10	9.6	14	13.5	11	12.8	1	8.3	43	10.0
	Total	17	7.1	20	10.6	37	16.4	22	11.2	2	6.1	98	11.1
Missing	Male	3	2.6	4	4.8	28	23.0	63	57.3	12	57.1	110	24.2
	Female	2	1.6	10	9.6	26	25.0	37	43.0	10	83.3	85	19.8
	Total	5	2.1	14	7.4	54	23.9	100	51.0	22	66.7	195	22.1

Periodontal index
31

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Healthy gingival tissues	Male	7	6.0	1	1.2	6	4.9	1	0.9	1	4.8	16	3.5
	Female	19	15.4	17	16.3	6	5.8	1	1.2	0	0.0	43	10.0
	Total	26	10.8	18	9.6	12	5.3	2	1.0	1	3.0	59	6.7
Bleeding on probing	Male	2	1.7	0	0.0	2	1.6	1	0.9	0	0.0	5	1.1
	Female	5	4.1	1	1.0	0	0.0	1	1.2	0	0.0	7	1.6
	Total	7	2.9	1	0.5	2	0.9	2	1.0	0	0.0	12	1.4
Calculus detected or defective restoration margins	Male	90	76.9	62	73.8	65	53.3	46	41.8	5	23.8	268	59.0
	Female	78	63.4	66	63.5	74	71.2	42	48.8	3	25.0	263	61.3
	Total	168	70.0	128	68.1	139	61.5	88	44.9	8	24.2	531	60.1
Pocket >4mm, <6mm	Male	12	10.3	11	13.1	18	14.8	13	11.8	3	14.3	57	12.6
	Female	12	9.8	14	13.5	11	10.6	18	20.9	1	8.3	56	13.1
	Total	24	10.0	25	13.3	29	12.8	31	15.8	4	12.1	113	12.8
Pocket >6mm	Male	4	3.4	6	7.1	9	7.4	8	7.3	2	9.5	29	6.4
	Female	8	6.5	5	4.8	4	3.8	7	8.1	1	8.3	25	5.8
	Total	12	5.0	11	5.9	13	5.8	15	7.7	3	9.1	54	6.1
Missing	Male	2	1.7	4	4.8	22	18.0	41	37.3	10	47.6	79	17.4
	Female	1	0.8	1	1.0	9	8.7	17	19.8	7	58.3	35	8.2
	Total	3	1.3	5	2.7	31	13.7	58	29.6	17	51.5	114	12.9

Periodontal index
46/47

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Healthy gingival tissues	Male	2	1.7	7	8.3	7	5.7	0	0.0	0	0.0	16	3.5
	Female	20	16.3	13	12.5	7	6.7	1	1.2	0	0.0	41	9.6
	Total	22	9.2	20	10.6	14	6.2	1	0.5	0	0.0	57	6.5
Bleeding on probing	Male	11	9.4	1	1.2	5	4.1	1	0.9	0	0.0	18	4.0
	Female	16	13.0	6	5.8	3	2.9	2	2.3	0	0.0	27	6.3
	Total	27	11.3	7	3.7	8	3.5	3	1.5	0	0.0	45	5.1
Calculus detected or defective restoration margins	Male	64	54.7	39	46.4	44	36.1	30	27.3	6	28.6	183	40.3
	Female	50	40.7	44	42.3	34	32.7	18	20.9	0	0.0	146	34.0
	Total	114	47.5	83	44.1	78	34.5	48	24.5	6	18.2	329	37.3
Pocket >4mm, <6mm	Male	33	28.2	20	23.8	19	15.6	17	15.5	2	9.5	91	20.0
	Female	25	20.3	24	23.1	23	22.1	18	20.9	0	0.0	90	21.0
	Total	58	24.2	44	23.4	42	18.6	35	17.9	2	6.1	181	20.5
Pocket >6mm	Male	7	6.0	9	10.7	18	14.8	5	4.5	2	9.5	41	9.0
	Female	10	8.1	7	6.7	12	11.5	9	10.5	1	8.3	39	9.1
	Total	17	7.1	16	8.5	30	13.3	14	7.1	3	9.1	80	9.1
Missing	Male	0	0.0	8	9.5	29	23.8	57	51.8	11	52.4	105	23.1
	Female	2	1.6	10	9.6	25	24.0	38	44.2	11	91.7	86	20.0
	Total	2	0.8	18	9.6	54	23.9	95	48.5	22	66.7	191	21.6

3) Denture use
 Denture use was asked by a dentist on verbal.
 No use, sometimes, always

Denture use

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
No-use	Male	114	97.4	76	90.5	77	63.1	26	23.6	2	9.5	295	65.0
	Female	120	97.6	88	84.6	72	69.2	36	41.9	0	0.0	316	73.7
	Total	234	97.5	164	87.2	149	65.9	62	31.6	2	6.1	611	69.2
Sometime	Male	0	0.0	2	2.4	1	0.8	0	0.0	0	0.0	3	0.7
	Female	0	0.0	3	2.9	2	1.9	1	1.2	0	0.0	6	1.4
	Total	0	0.0	5	2.7	3	1.3	1	0.5	0	0.0	9	1.0
Always	Male	3	2.6	6	7.1	43	35.2	84	76.4	19	90.5	155	34.1
	Female	3	2.4	13	12.5	30	28.8	49	57.0	12	100.0	107	24.9
	Total	6	2.5	19	10.1	73	32.3	133	67.9	31	93.9	262	29.7
Others	Male	0	0.0	0	0.0	1	0.8	0	0.0	0	0.0	1	0.2
	Female	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
	Total	0	0.0	0	0.0	1	0.4	0	0.0	0	0.0	1	0.1

4) Tongue coat

Tongue coat

		40-49yr		50-59yr		60-69yr		70-79yr		80yr-		Total	
		N	%	N	%	N	%	N	%	N	%	N	%
Non visible	Male	90	76.9	49	58.3	60	49.2	51	46.4	8	38.1	258	56.8
	Female	109	88.6	81	77.9	77	74.0	55	64.0	9	75.0	331	77.2
	Total	199	82.9	130	69.1	137	60.6	106	54.1	17	51.5	589	66.7
Less than one-third of the tongue dorsum	Male	11	9.4	24	28.6	34	27.9	24	21.8	3	14.3	96	21.1
	Female	11	8.9	15	14.4	19	18.3	17	19.8	2	16.7	64	14.9
	Total	22	9.2	39	20.7	53	23.5	41	20.9	5	15.2	160	18.1
Less than two-thirds of the tongue dorsum	Male	11	9.4	9	10.7	21	17.2	27	24.5	8	38.1	76	16.7
	Female	2	1.6	8	7.7	7	6.7	13	15.1	1	8.3	31	7.2
	Total	13	5.4	17	9.0	28	12.4	40	20.4	9	27.3	107	12.1
More than two-thirds of the tongue dorsum	Male	5	4.3	2	2.4	7	5.7	8	7.3	2	9.5	24	5.3
	Female	1	0.8	0	0.0	1	1.0	1	1.2	0	0.0	3	0.7
	Total	6	2.5	2	1.1	8	3.5	9	4.6	2	6.1	27	3.1

5) Tongue wetness

Toungue wetness (mm)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	4.9	2.7	117	4.4	2.5	84	4.8	2.6	122	4.9	2.6	110	6.2	3.2	21	4.8	2.7	454
Female	4.6	2.6	123	4.3	2.8	104	4.3	2.8	104	3.8	2.8	86	3.7	2.7	12	4.2	2.7	429
Total	4.7	2.7	240	4.3	2.7	188	4.5	2.7	226	4.4	2.8	196	5.3	3.2	33	4.5	2.7	883

6) Bite force

Bite area (mm²)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	21.1	8.7	117	21.6	9.1	84	18.4	10.0	121	10.9	8.7	110	7.8	4.9	21	17.4	10.1	453
Female	15.2	7.4	123	15.3	7.9	104	13.3	7.4	104	9.1	5.9	86	4.2	2.4	12	13.2	7.7	429
Total	18.1	8.6	240	18.1	9.0	188	16.0	9.3	225	10.1	7.7	196	6.5	4.5	33	15.4	9.3	882

Maximum bite force (MPa)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	101.6	14.2	117	101.9	17.3	84	100.3	17.5	121	90.5	25.3	110	97.2	21.9	21	98.4	19.6	453
Female	99.2	15.7	123	99.0	15.9	104	93.9	19.3	104	91.4	22.9	86	86.9	26.1	12	95.9	18.8	429
Total	100.3	15.0	240	100.3	16.5	188	97.3	18.6	225	90.9	24.2	196	93.5	23.6	33	97.2	19.3	882

Average bite force (N)

	40-49yr			50-59yr			60-69yr			70-79yr			80yr-			Total		
	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N	Mean	SD	N
Male	683.4	273.4	117	697.1	287.9	84	594.1	292.9	121	363.2	300.6	110	258.3	168.2	21	564.6	318.7	453
Female	502.0	222.5	123	482.7	237.4	104	424.6	217.5	104	297.4	179.8	86	138.4	91.5	12	427.4	231.9	429
Total	590.4	264.2	240	578.5	281.5	188	515.8	273.7	225	334.3	256.3	196	214.7	154.9	33	497.9	288.0	882