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Supplementary Information

Supplemental 1. The characteristics of CBCT images in patients receiving kidney replacement therapy.

	Patients with CKD				Control (n = 88)	p-value
	V001 (n = 44)	V0003 (n = 7)	V0005 (n = 17)	Non-KRT (n = 26)		
MI (M ± SD)						
Right	2.93± 0.11	3.14±0.13	3.21± 0.30	3.28±0.13	3.2±0.7	0.151
Left	2.89± 0.09	3.27± 0.21	2.93± 0.17	3.15± 0.16	3.2±0.7	0.095
PMI superior (M ± SD)						
Right	6.47± 0.33	5.61± 0.24	6.34± 0.44	5.72± 0.28	5.9±1.6	0.282
Left	6.50± 0.30	5.42± 0.34	5.73± 0.50	6.11± 0.33	6.0±2.1	0.237
PMI inferior (M ± SD)						
Right	5.39± 0.30	4.78± 0.25	5.25± 0.39	4.67±0.22	4.9±1.4	0.510
Left	5.51± 0.26	4.62± 0.30	5.17± 0.39	4.97± 0.27	5.0±1.7	0.182
AI (M ± SD)						
Right	2.78± 0.10 ^{c)}	3.07± 0.16	3.03± 0.17	2.70± 0.16	3.2±0.8	0.007 ^{a)}
Left	2.77± 0.11	2.74± 0.29	3.05± 0.08	2.76± 0.15	3.2±0.8	0.035 ^{a)}
Pulp chamber size ^{d)} (M ± SD)						
Vertical	1.55± 0.12	1.36± 0.18	1.32± 0.12	1.31±0.09	1.4±0.5	0.836
Horizontal	4.08± 0.14	4.31± 0.23	3.94± 0.17	4.01± 0.14	3.8±0.6	0.190
MCI, n (%)	V0001 ^{c)}	V0003	V0005	Non-KRT ^{c)}		0.001 ^{b)}
Class I	3 (6.8)	0 (0.0)	2 (4.5)	1 (3.8)	31 (35.2)	
Class II	28 (63.6)	5 (71.4)	13 (29.5)	15 (57.7)	41 (46.6)	
Class III	13 (29.5)	2 (28.6)	2 (4.5)	10 (38.5)	16 (18.2)	
Lamina dura loss, n (%)	V0001 ^{c)}	V0003	V0005	Non-KRT		0.010 ^{b)}
Not present	31 (70.5)	6 (85.7)	14 (82.4)	21 (80.8)	82 (93.2)	
Present	13 (29.5)	1 (14.3)	3 (17.6)	5 (19.2)	6 (6.8)	
Soft-tissue calcifications, n (%)	V0001 ^{c)}	V0003	V0005	Non-KRT		0.010 ^{b)}
carotid artery calcifications	7 (15.9)	0 (0.0)	0 (0.0)	2 (7.7)	2 (2.3)	
osteoma cutis	1 (2.3)	0 (0.0)	0 (0.0)	1 (3.8)	3 (3.4)	
Sialolith	4 (9.1)	0 (0.0)	2 (11.8)	1 (3.8)	0 (0)	
Tonsillolith	1 (2.3)	2 (28.6)	1 (5.9)	1 (3.8)	4 (4.5)	
Pulp chamber calcifications	3 (6.8)	2 (28.6)	3 (17.6)	2 (7.7)	3 (3.4)	

^{a)} Statistically significant difference using Kruskal-Wallis test ($p < 0.05$). ^{b)} Statistically significant difference using Fisher's exact test ($p < 0.05$). ^{c)} Statistically significant difference ($p < 0.05$), Mann-Whitney test or Fisher's exact test with Bonferroni post hoc comparison patients coded with V001, V003, V005 and non-KRT compared with the control group. ^{d)} Statistically significant difference ($p < 0.05$), Mann-Whitney test with Bonferroni post hoc comparison CKD-I compared with the CKD-II group. ^{e)} Several of the subjects were missing due to CBCT reconstruction and missing molars, so 30 patients for V0001, five

for V0003, 13 for V0005, 14 for non-KRT, and 66 healthy subjects for control groups were included in the analysis. $M \pm SD$: mean $\pm$ standard deviation, n (%): number (%), MI: mental index, PMI: panoramic mandibular index, AI: antegonial index, MCI: mandibular cortical index.