

Table S3. The characteristic between patients with complete CCRT and incomplete CCRT/data collection in 85 oral cavity cancer patients following curative surgery

Variables, expressed as Numbers (%) or mean \pm SD	CCRT completion		<i>P</i> -value
	Yes	No	
<i>Patient number</i>	69 (100)	16 (100.0)	
<i>Clinicopathologic</i>			
Age (years)	53.2 \pm 8.4	57.69 \pm 10.9	0.077
Tumor location			0.812
Buccal mucosa	20 (29.0)	4 (25.0)	
Tongue	28 (40.6)	7 (43.8)	
Gingiva	13 (18.8)	2 (12.5)	
Mouth floor	3 (4.3)	2 (12.5)	
Retromolar	2 (2.9)	0 (0.0)	
Lip	2 (2.9)	1 (6.3)	
Hard palate	1 (1.4)	0 (0.0)	
TNM stage (III vs IVA vs IVB)	4 (5.8) : 50 (72.5) : 15 (21.7)	2 (12.5) : 8 (50.0) : 6 (37.5)	0.213
T status (T0-2 vs T3-4)	19 (27.5) : 50 (72.5)	2 (12.5) : 14 (87.5)	0.919
N status (N0-1 vs N2-3)	30 (43.4) : 39 (46.6)	3 (31.2) : 13 (68.8)	0.371
ECOG performance status (0 : 1 : 2)	2 (2.9) : 61 (88.4) : 6 (8.6)	1 (6.2) : 13 (81.3) : 2 (12.5)	0.448
Histological grade (1 : 2 : 3)	8 (11.6) : 51 (73.9) : 10 (14.5)	2 (12.5) : 12 (75.0) : 2 (12.5)	0.976
Smoking (no : yes)	6 (8.7) : 63 (91.3)	0 (0.0) : 16 (100.0)	0.221
Alcohol (no : yes)	18 (26.1) : 51 (73.9)	3 (18.8) : 13 (81.2)	0.540
Betel nut (no : yes)	16 (23.2) : 53 (76.8)	8 (50.0) : 8 (50.0)	0.032*
HN-CCI (0 vs 1 vs 2 vs \geq 3)	29 (42.0) : 15 (21.7) : 6 (8.7) : 19 (27.5)	4 (25.0) : 8 (50.0) : 3 (18.3) : 1 (6.3)	0.049*
Tracheostomy (no : yes)	23 (33.4) : 46 (66.6)	9 (56.3) : 7 (43.8)	0.088
Adjuvant CCRT due to risk factor			0.089
One major (positive surgical margin or ENE)	42 (60.9)	6 (37.5)	
\geq 3 Minors	27 (39.1)	10 (62.5)	
<i>Nutritional and inflammatory markers before CCRT</i>			
BW (kg)	63.6 \pm 12.6	60.7 \pm 10.5	0.407
BMI (kg/m ²)	22.8 \pm 4.3	22.4 \pm 3.5	0.793
BWL(kg)	1.0 \pm 6.3	0.92 \pm 11.7	0.885
Hb (mg/dL)	11.7 \pm 1.5	11.6 \pm 1.7	0.884
WBC (x10 ³ cells/mm ³)	7.3 \pm 2.5	7.2 \pm 4.6	0.979
Platelet count (x10 ³ /mm ³)	341.1 \pm 148.4	224.8 \pm 82.2	0.003*
Albumin (g/dL)	3.9 \pm 0.5	3.8 \pm 0.6	0.848
CRP (mg/dL)	9.3 \pm 13.7	13.2 \pm 14.4	0.670
<i>PG-SGA (well vs moderate vs severe) before CCRT</i>	2 (2.9) : 32 (46.4) : 35 (50.7)	2 (12.5) : 10 (62.5) : 4 (25.0)	0.807

Body composition parameters before CCRT

LBMI (kg/m ²)	15.7 ± 1.6	16.3 ± 2.4	0.212
TFMI (kg/m ²)	6.1 ± 3.1	9.2 ± 3.2	0.001*
ASMI (kg/m ²)	6.6 ± 1.0	6.7 ± 1.1	0.666
Android (%)	29.7 ± 13.4	25.4 ± 10.4	0.239
Gynoid (%)	25.7 ± 8.3	24.3 ± 8.2	0.514
BMCI (kg/m ²)	1.4 ± 0.1	1.4 ± 1.1	0.881

*indicates a significant *P*-value < 0.05

The analytic methods of Table S3 are identical to those of Table 3

Abbreviations: CCRT, concurrent chemoradiotherapy; TNM, tumor node metastasis; ECOG, Eastern Collaboration Oncology Group; HN-CCI, head and neck Charlson Comorbidity Index; RT, radiotherapy; PG-SGA, patient-generated subjective global assessment; BMI, body mass index; BWL, body weight loss; Hb, hemoglobin; WBC, white cell count; TLC, total lymphocyte count; CRP, C-reactive protein

Independent *t* test was used for age, BMI, Hb, platelet count and Albumin. Mann-Whitney test was used for BWL, WBC, CRP and all body composition parameters