

Supplementary Table

Supplementary Table 1: Mean dose parameters (SD) of the taste bud bearing tongue mucosa and the ipsi- and contralateral parotid and submandibular glands.

	All patients (n=116)			Patients with concurrent chemotherapy (n=37)		Patients without concurrent chemotherapy (n=79)	
	All (n=116)	No/mild taste impairment (n=98)	Moderate/ severe taste impairment (n=18)	No/mild taste impairment (n=34)	Moderate/ severe taste impairment (n=3)	No/mild taste impairment (n=64)	Moderate/ severe taste impairment (n=15)
Tongue mucosa dose (Gy)							
D _{mean}	47.4 (7.8)	47.3 (7.8)	48.3 (7.6)	52.2 (6.5)	53.5 (5.3)	44.6 (7.2)	47.3 (7.7)
D _{min}	19.2 (7.9)	19.3 (7.9)	18.8 (8.1)	23.0 (8.8)	25.1 (3.1)	17.4 (6.7)	17.6 (8.2)
D _{max}	71.7 (3.2)	71.8 (3.1)	71.2 (3.6)	73.8 (3.3)	72.6 (4.1)	70.7 (2.5)	70.9 (3.6)
Parotid gland dose ipsi (Gy)							
D _{mean}	37.9 (9.4)	37.3 (9.2)	41.1 (10.1)	40.0 (10.3)	39.9 (10.8)	35.9 (8.2)	41.3 (10.4)
D _{min}	7.8 (6.8)	7.4 (6.6)	9.8 (7.9)	9.0 (10.2)	6.5 (1.8)	6.6 (3.2)	10.4 (8.5)
D _{max}	71.3 (3.5)	71.3 (3.3)	71.1 (4.4)	72.8 (3.8)	72.3 (6.7)	70.5 (2.7)	70.9 (4.0)
Parotid gland dose contra (Gy)							
D _{mean}	18.4 (9.7)	18.2 (9.5)	19.2 (11.1)	22.2 (8.9)	23.4 (4.2)	16.1 (9.2)	18.4 (12.0)
D _{min}	4.2 (1.9)	4.2 (1.9)	4.1 (2.0)	4.8 (1.6)	5.3 (1.0)	3.9 (1.9)	3.9 (2.1)
D _{max}	48.1 (22.7)	48.2 (22.7)	47.3 (23.4)	59.8 (14.1)	58.7 (2.9)	42.0 (24.1)	45.0 (25.1)
SMG dose ipsi (Gy)							
D _{mean}	68.2 (3.4)	68.3 (3.4)	68.1 (3.3)	70.3 (2.9)	68.2 (3.9)	67.3 (3.2)	68.1 (3.3)
D _{min}	61.4 (5.4)	61.2 (5.6)	60.3 (4.0)	63.9 (4.4)	58.3 (3.1)	60.4 (5.9)	60.8 (4.1)
D _{max}	71.6 (2.8)	71.5 (2.9)	72.1 (2.6)	73.2 (3.1)	72.1 (3.7)	70.6 (2.3)	72.1 (2.4)
SMG dose contra (Gy)							
D _{mean}	43.3 (21.7)	43.7 (21.5)	41.2 (23.3)	55.4 (14.7)	49.5 (9.4)	37.5 (22.0)	39.6 (25.1)
D _{min}	32.4 (19.1)	32.8 (19.1)	30.7 (19.7)	43.8 (15.8)	35.4 (7.8)	26.9 (18.1)	29.7 (21.4)
D _{max}	51.3 (22.5)	51.8 (22.2)	48.6 (24.6)	63.9 (14.2)	60.7 (5.2)	45.4 (23.0)	46.2 (26.4)

Abbreviations: D_{mean}: mean dose, D_{min}: minimum dose, D_{max}: maximum dose, n: number of patients, SD: standard deviation, SMG: submandibular gland.