

Suppl. Table 1. Clinicopathological parameters of patients with metastatic and non-metastatic cSCC

		Metastatic (<i>n</i> = 22)		Non-metastatic (<i>n</i> = 76)	p value
Age, years	Mean	78		76	0.436
	Median	80		76	
	Minimum-maximum	56–95		42–96	
Sex	Female	8 (36.4%)		23 (30.3%)	0.588
	Male	14 (63.6%)		53 (69.7%)	
Deceased	Yes (cSCC)	4 (18.2%)		0 (0%)	0.002
	Yes (other cause)	5 (22.7%)		23 (30.3%)	
	No	6 (27.3%)		19 (25.0%)	
	Unknown	7 (31.8%)		34 (44.7%)	
Immunosuppression	No	20 (90.9%)		55 (72.4%)	0.071
	Yes	2 (9.1%)		21 (27.6%)	
Sentinel lymph node	No	18 (81.8%)		55 (72.4%)	0.371
	Yes	4 (18.2%)		21 (27.6%)	
	Results positive	3 (75.0%)		0 (0%)	
	Results negative	1 (25.0%)		21 (100%)	
Primary cSCC					<0.001
Tumour invasion	≤5 mm	8 (36.4%)		46 (60.5%)	0.034
	>5 mm	13 (59.1%)		30 (39.5%)	
	Unknown	1 (4.5%)		0 (0%)	
	Mean	6.4		5.2	
Localisation of cSCC	Median	6		4.1	0.204
	Minimum-maximum	1.1–17		1–19	
	Head and neck	16 (72.7%)		47 (61.8%)	
	Upper extremity/hand	1 (4.5%)		8 (10.5%)	
Localisation of metastasis	Trunk	1 (4.5%)		9 (11.8%)	0.587
	Lower extremity	4 (18.2%)		12 (15.8%)	
	Regional skin	14 (63.6%)		0 (0%)	
	Regional lymph nodes	8 (36.4%)		0 (0%)	
Grading	Distant metastases	0 (0%)		0 (0%)	<0.001
	No metastases	0 (0%)		76 (100%)	
	G1	5 (13.9%)	G2	12 (23.1%)	
	G3	4 (44.4%)	Unknown	1 (100%)	
Grading	NMET	31 (86.1%)	40 (76.9%)	5 (55.6%)	0.058
				0 (0%)	

MET, metastasis; NMET, no metastasis.

Suppl. Table 2. Immunohistochemical staining of E-cadherin and podoplanin in metastatic and non-metastatic cSCC

Staining (n = 102)		Metastatic (n = 22)	Non-metastatic (n = 80)	p value
E-cadherin	Quantity	0	1 (4.5%)	0.805
		1	3 (13.6%)	
		2	3 (13.6%)	
		3	5 (22.7%)	
		4	10 (45.5%)	
	Quality	0	1 (4.5%)	0.136
		1	9 (40.9%)	
		2	8 (36.4%)	
		3	4 (18.2%)	
		4	0 (0%)	
	Cellular level	Membranous	19 (86.4%)	0.795
		Cytoplasmic	2 (9.1%)	
		No staining	1 (4.5%)	
Podoplanin	Quantity	0	3 (13.6%)	0.002
		1	4 (18.2%)	
		2	8 (36.4%)	
		3	1 (4.5%)	
		4	6 (27.3%)	
	Quality	0	3 (13.6%)	0.571
		1	2 (9.1%)	
		2	12 (54.5%)	
		3	5 (22.7%)	
		4	0 (0%)	
	Cellular level	Membranous	10 (45.5%)	0.444
		Cytoplasmic	9 (40.9%)	
		No staining	3 (13.6%)	

Suppl. Table 3. Evaluation system of immunohistochemical staining of E-cadherin and podoplanin

Quantity	Percentage of positively stained tumour cells	
	0	0%
	1	01–25%
	2	26–50%
	3	51–75%
	4	76–100%
Quality	Staining in reference to the epidermis	
	0	No staining
	1	Low
	2	Equal
	3	Strong
	4	Very strong
Cellular level	Membranous	
	Cytoplasmic	
	No staining	

Suppl. Table 4. Comparison of immunohistochemical results: 14 pairs of cSCC and corresponding skin metastases ($n = 10$) and lymph node metastases ($n = 4$) by applying the Student t test

	<i>p</i> value E-cadherin	<i>p</i> value podoplanin
cSCC and metastases ($n = 14$)		
Quantity	0.031	0.793
Quality	0.385	0.435
Cellular level	1.000	0.720
cSCC and skin metastases ($n = 10$)		
Quantity	0.217	0.591
Quality	1.000	0.081
Cellular level	0.591	0.678
cSCC and lymph node metastases ($n = 4$)		
Quantity	0.069	0.391
Quality	0.215	0.638
Cellular level	0.391	1.000