

**Table SI. Patients' data (n = 24)**

Characteristics	Patients n (%)	Characteristics	Patients n (%)
Age at diagnosis (of the first sebaceous carcinoma in case of multiple lesions)		Tumour size	
Median: 68 years		< 6 mm	4 (14.2)
Mean: 69 years		6–10 mm	6 (21.4)
10–19 years	0 (0)	11–20 mm	9 (32.1)
20–29 years	0 (0)	> 20 mm	4 (14.2)
30–39 years	0 (0)	Unknown	5 (17.8)
40–49 years	4 (16.6)	Associated malignancies	
50–59 years	3 (12.5)	OSC (all are sporadic) and sporadic extraocular sebaceous carcinoma	
60–69 years	6 (25)	None	7
70–79 years	3 (12.5)	Non-melanoma skin cancer	7
80–89 years	6 (25)	Extraocular sebaceous carcinoma in Muir-Torre syndrome	
> 90 years	2 (8.3)	None	0
Sex		Non-melanoma skin cancer	8
Female	9 (37.5)	Colon	8
Male	15 (62.5)	Urogenital	4
Race		Haematological	1
Caucasian	18 (75)	Head and neck	2
Black	0 (0)	Other	1
Asian/Pacific Islander	0 (0)	Work-up imaging	
Other/unknown	6 (25)	None	7 (29)
Family history		Lymph node ultrasound/MRI/TDM/colonoscopy	17 (71)
None	16 (66.6)	Lymph node involvement at diagnosis	
Sebaceous carcinoma	2 (8.3)	None	23 (95.9)
Other cancers	6 (25)	Regional or distant	1 (4.1)
Year of diagnosis		Visceral metastasis	
1995–2000	4 (16.6)	None	23 (96)
2001–2005	3 (10.7)	One	1 (4)
2006–2010	7 (25)	≥ 2	0 (0)
2011–2015	14 (50)	Lymph node dissection	
Risk factors		None	21 (87.5)
None	10 (41.6)	Regional lymph node sampled/dissected	1 (4)
Muir-Torre syndrome (MTS)	10 (41.6)	Sentinel lymph node with/without dissection	2 (8)
Immunosuppression	4 (16.6)	Treatment	
Previous irradiation	0 (0)	Wide excision alone	
Time between onset of lesions and diagnosis		Margin 5–6 mm	9
< 1 years	7 (25)	Margin 1 cm	12
1–5 years	11 (39.2)	Margin 2 cm and more	5
> 5 years	4 (14.2)	Unknown margin	2
Unknown	6 (21.4)	Major amputation	0
Immunohistochemistry for MTS (MLH1, MSH2, MSH6 or PMS2)		Radiotherapy alone (beam/brachytherapy)	0
Performed	12 (50)	Computerized tomography alone	0
Not performed	12 (50)	Surgery and radiotherapy	0
Pre-existing lesion		Surgery and radiotherapy and chemotherapy	0
None	23 (82.1)	Recurrences after treatment	
Sebaceous adenoma	3 (10.7)	None	24 (85.7)
Actinic keratosis	1 (3.5)	Recurrence in < 5 years	4 (16.6)
Sebaceous naevus	1 (3.5)	Recurrence after 5–9 years	0 (0)
Site of disease		Recurrence after ≥ 10 years	0 (0)
Eye	3 (10.7)	Duration of follow-up	
Head and neck		Mean: 3.2 years	
Lip	3 (10.7)	Median: 3 years	
Nose	10 (35.7)	Follow-up	
External ear	0 (0)	Clinical	22
Cheeks/forehead	3 (10.7)	Clinical + imaging	14
Neck/scalp	5 (17.9)	Lost to follow-up	2
Non-skin site of head and neck			
Trunk	3 (10.7)		
Upper limbs/shoulder	1 (3.6)		
Lower limbs/hips	0 (0)		
Genitals/reproductive organs	0 (0)		