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Table SI. Clinical features of urinary bladder melanomas in Denmark

Patient/no.	Sex	Age at diagnosis/ years	Symptoms	Clinical findings	Tumour size/cm	Primary treatment	Adjuvant treatment	Local lymph node metastasis	Other metastasis	Survival after diagnosis/months
1	M	71	Asymptomatic	Tumour in bladder neck	-	-	-	Yes	Lung, rectum	13
2	F	64	-	-	-	Cystectomy	Chemotherapy	-	-	18
3	F	70	Haematuria	Tumour in fundus	6×3	-	-	Yes	Vagina	>64, alive
4	F	76	Haematuria, recurrent UTI, LUTS	Tumour in fundus	15	Chemotherapy	Radiotherapy	Yes	Lung	6
7	M	64	Dysuria, LUTS, stinging at ejaculation	Tumour in posterior wall	-	Cystectomy	No	No	No	>8, alive
8	K	50	-	-	-	Removal of all internal genital organs + cystectomy	-	Yes	Vagina, ventricle	11

UTI = Urinary tract infection. LUTS = Lower urinary tract symptoms. TUR-B = Transurethral resection of the bladder.

Table III. Clinical features of urethral melanomas in Denmark

Patient/n o.	Sex	Age at diagnosis/years	Symptoms	Clinical findings	Tumour size/cm	Primary treatment	Adjuvant treatment	Local lymph node metastasis	Other metastasis	Survival /months
1	M	75	Pollakisuria, nycturia	Polypous tumour at meatus urethrae	0.5×1	4 cm penisamputation + inguinal lymphadenectomy	-	Yes	No	189
2	F	57	Asymptomatic	Polypous tumour + tumour in the vagina	3.1×2.1	Total pelvic exenteration	-	No	Rectum	104
3	F	76	Pain in vulva with bleeding and secretion. Dysuria	Cyst-like lesion at meatus urethra	1.5	Excision with 2 cm margin + SLNB	Palliating radiotherapy	Yes	Vulva + vagina	30
4	F	78	Urethral pain	Tumour at commisura post meatus urethra externa	2	Excission + inguinal exaïrese	Radiotherapy	Yes	Lung, anus, perineum, subcutaneous	13
6	F	78	Haematuri, pollakisuri, urinary obstruction	Tumour at external meatus..	3.9×3.8	Immunotherapy (ipilimumab+nivolumab)	Palliative resection, cystectomy vaginectom	No	Bladder	15
7	F	87	Incontinence	Cystic tumour	3	Urethrectomy	-	-	Vagina, vulva	6
8	F	67	Intermittent vaginal bleeding. Tumour is felt when palpating the outer genitals	Pigmented tumour at meatus urethra externus.	1.5×1.5	Excenteratio + wertheims operation + lymphadenectomy	Immunotherapy	Yes	Vertebrae	20
9	F	90	Haematuria for 1 month	Tumour in meatus urethra	5	No treatment because of age and confusion	-	Yes	Liver, mesenterium	4
11	F	84	Dysuria + haematuria	Caruncle in the urethra	-	Excision	-	Patient refused further tests	Patient refused further tests	9

Patient/n o.	Sex	Age at diagnosis/years	Symptoms	Clinical findings	Tumour size/cm	Primary treatment	Adjuvant treatment	Local lymph node metastasis	Other metastasis	Survival /months
12	F	86	Patient felt a tumour in the groin. Dizziness	Tumour at meatus urethra	0.5	Excision	-	No	No	101
13	F	79	Vaginal bleeding, uncharacteristic pain in the lower abdomen	Tumour in meatus urethra	-	Radical vulvectomy + lymphadenectomy	-	Yes	Vulva	24
14	F	70	Asymptomatic	Polypous tumour at meatus urethra. Lesion on vulva	2	Excision	None. Dissaminated c. mamma	Dissaminated c. mamma	Dissaminated c. mamma	1
15	F	74	Dysuria, incontinence, haematuria	Blue-black tumour at the urethral meatus.	2×2	Excision	Radiotherapy	Yes	No	47
16	F	80	Incontinence + dysuria + haematuria.	ulceration in the urethra	3×3	Vulvectomy + resection at urethra		No	Lungs	5
17	F	68	-	-	3	Cystectomy	-	Yes	Lung, skin, vulva	94
18	F	85	Pressure in abdomen	-	5×4	Excision	Patient refuses	Yes	Lung	11