

(formalin fixed)

For research use only

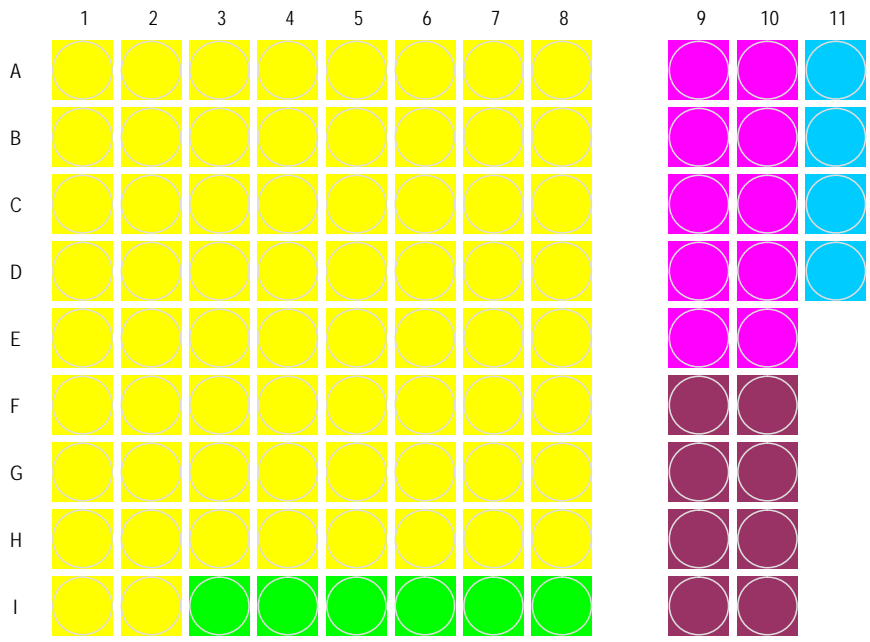
Specifications:

- No. of cases: 45
- Tissue type: Urinary bladder cancer tissues
- No. of spots: 2 spots from each cancer case (90 spots)
4 non-neoplastic spots (4 spots)
- Total spots: 94
- Corresponding normal tissues with cancers: Yes
- Diameter: 1.0 mm

Documents:

- Product specification: layout, summary of tissue spots
- H&E stained images
- Detailed pathological information

Layout:



- Yellow : Urothelial carcinoma
- Green : Urothelial carcinoma in situ
- Magenta : Adenocarcinoma + other pathology
- Purple : Squamous carcinoma
- Cyan : Non-neoplastic

(formalin fixed)

For research use only

Summary of tissue spots

No	Coordinate	Sex	Age	Key Word	TNM Stage	
1	A	1,2	m	64	Urothelial carcinoma	T1N0M0 (I)
2		3,4	m	49	Urothelial carcinoma	TaN0M0 (0a)
3		5,6	m	56	Urothelial carcinoma	T1aN0M0 (I)
4		7,8	m	41	Urothelial carcinoma	TaN0M0 (0a)
5		9,10	m	48	Adenocarcinoma signet ring cell carcinoma	T3aN0M0 (III)
6		11	m	48	Non-neoplastic from A9,10	
7	B	1,2	f	77	Papillary carcinoma Urothelial carcinoma	T1N0M0 (I)
8		3,4	m	68	Urothelial carcinoma	TaN0M0 (0a)
9		5,6	f	44	Urothelial carcinoma	T1aN0M0 (I)
10		7,8	m	55	Urothelial carcinoma	T1aN0M0 (I)
11		9,10	m	53	Transitional cell carcinoma Adenocarcinoma	T1N0M0 (I)
12	11	m	48	Non-neoplastic from A9,10		
13	C	1, 2	m	72	Urothelial carcinoma	T4aN0M0 (III)
14		3, 4	m	63	Papillary carcinoma Urothelial carcinoma	T1N0M0 (I)
15		5, 6	m	51	Urothelial carcinoma	TaN0M0 (0a)
16		7, 8	m	75	Papillary carcinoma Urothelial carcinoma	TaN0M0 (0a)
17		9, 10	f	33	Adenocarcinoma Mucinous adenocarcinoma	T3N0M0 (III)
18	11	f	33	Non-neoplastic from C9,10		
19	D	1, 2	m	60	Urothelial carcinoma	T1N0M0 (I)
20		3, 4	m	65	Urothelial carcinoma	T4aN0M0 (III)
21		5, 6	m	68	Urothelial carcinoma	TaN0M0 (0a)
22		7, 8	m	58	Urothelial carcinoma	T1aN0M0 (I)
23		9, 10	m	44	Adenocarcinoma	
24	11	f	33	Non-neoplastic from C9,10		
25	E	1, 2	m	66	Urothelial carcinoma	T4aN0M0 (III)
26		3, 4	f	74	Urothelial carcinoma	T1aN0M0 (I)
27		5, 6	m	81	Urothelial carcinoma	T2N0M0 (II)
28		7, 8	f	58	Urothelial carcinoma	T3bN1M0 (IV)
29		9, 10	m	44	Mucinous adenocarcinoma Adenocarcinoma Urachal adenocarcinoma	

(formalin fixed)

For research use only

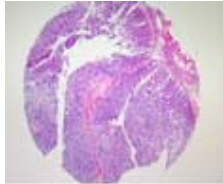
Summary of tissue spots

No	Coordinate	Sex	Age	Key Word	TNM Stage	
30	F	1, 2	f	79	Urothelial carcinoma	T2N0M0 (II)
31		3, 4	f	75	Urothelial carcinoma	T1bN0M0 (I)
32		5, 6	m	67	Urothelial carcinoma	T3bN0M0 (III)
33		7, 8	m	67	Urothelial carcinoma	T3bN0M0 (III)
34		9, 10	m	86	Squamous cell carcinoma	T1N0M0 (I)
35	G	1, 2	m	62	Urothelial carcinoma	T4aN0M1 (IV)
36		3, 4	m	86	Urothelial carcinoma	T4N1M1 (IV)
37		5, 6	m	76	Urothelial carcinoma	T2bN0M0 (II)
38		7, 8	m	64	Urothelial carcinoma	T1bN0M0 (I)
39		9, 10	f	69	Urothelial carcinoma Squamous cell carcinoma	T1bN0M0 (I)
40	H	1, 2	m	67	Urothelial carcinoma	T2aN0M0 (II)
41		3, 4	m	75	Urothelial carcinoma	T3bN0M0 (III)
42		5, 6	f	66	Urothelial carcinoma	T1N0M0 (I)
43		7, 8	f	72	Urothelial carcinoma	T1aN0M0 (I)
44		9, 10	f	59	Squamous cell carcinoma	T2bN0M0 (II)
45	I	1, 2	m	87	Urothelial carcinoma	T2N0M0 (II)
46		3, 4	m	52	Urothelial carcinoma Carcinoma in situ	TisN0M0 (0is)
47		5, 6	f	59	Urothelial carcinoma Carcinoma in situ	TisN0M0 (0is)
48		7, 8	m	64	Urothelial carcinoma Carcinoma in situ	TisN0M0 (0is)
49		9, 10	m		Squamous cell carcinoma	T2N0M0 (II)

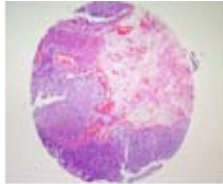
(formalin fixed)

For research use only

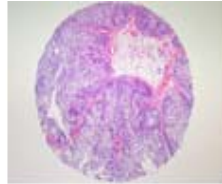
QC sheet_LOT#122120412091
Hematoxylin and Eosin staining



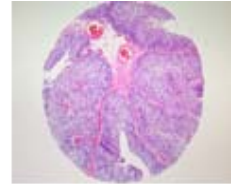
A1



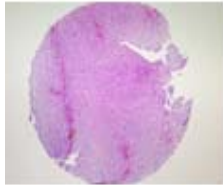
A2



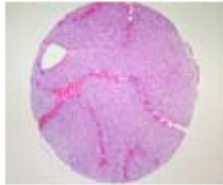
A3



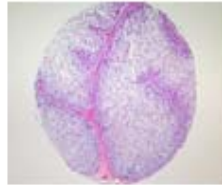
A4



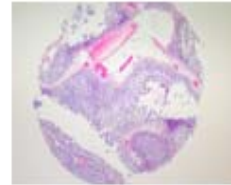
A5



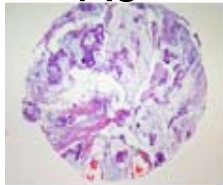
A6



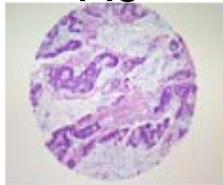
A7



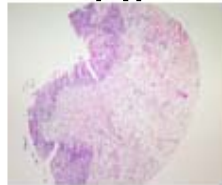
A8



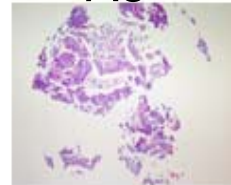
A9



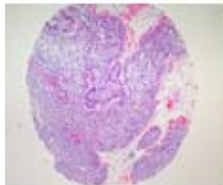
A10



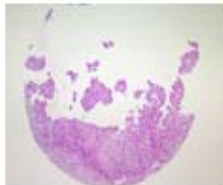
A11



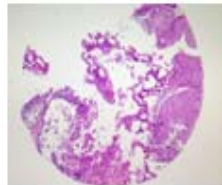
B1



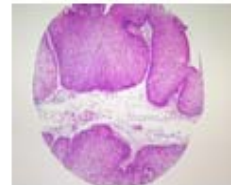
B2



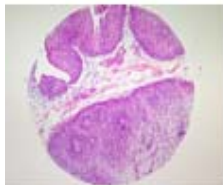
B3



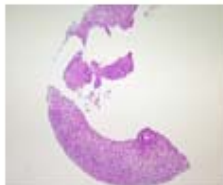
B4



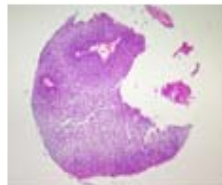
B5



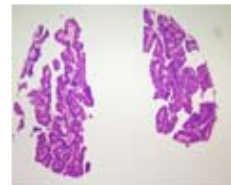
B6



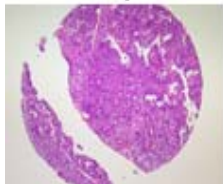
B7



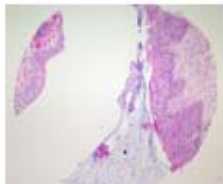
B8



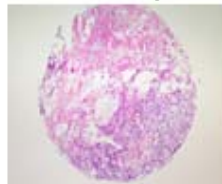
B9



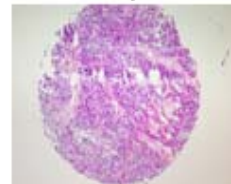
B10



B11



C1

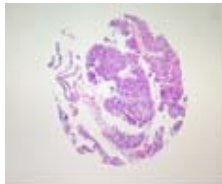


C2

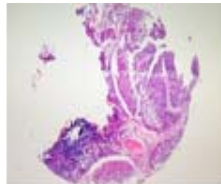
(formalin fixed)

For research use only

QC sheet_LOT#122120412091
Hematoxylin and Eosin staining



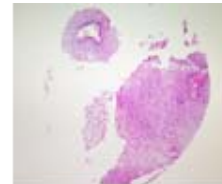
C3



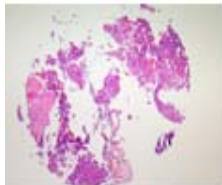
C4



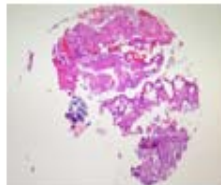
C5



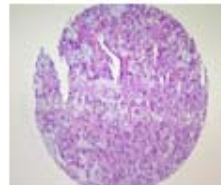
C6



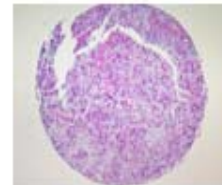
C7



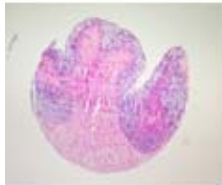
C8



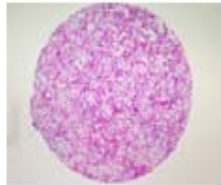
C9



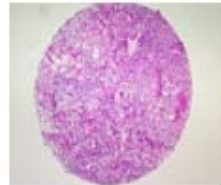
C10



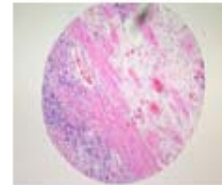
C11



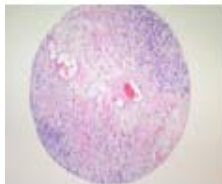
D1



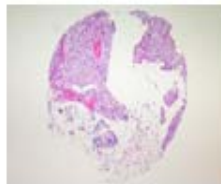
D2



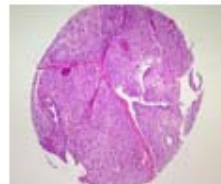
D3



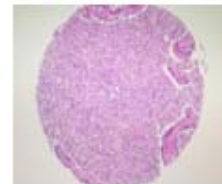
D4



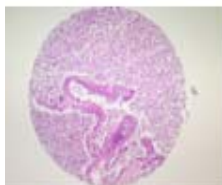
D5



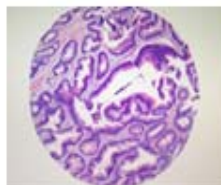
D6



D7



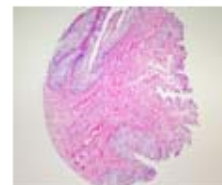
D8



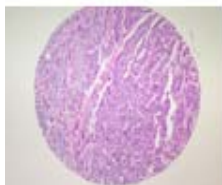
D9



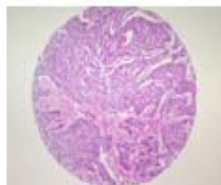
D10



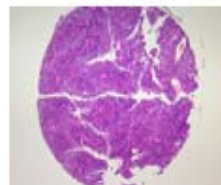
D11



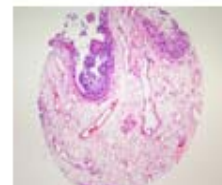
E1



E2



E3

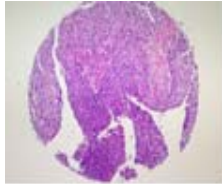


E4

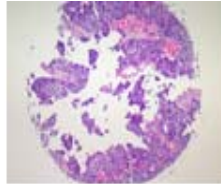
(formalin fixed)

For research use only

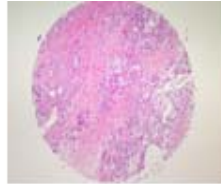
QC sheet_LOT#122120412091
Hematoxylin and Eosin staining



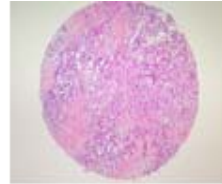
E5



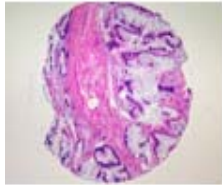
E6



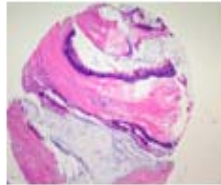
E7



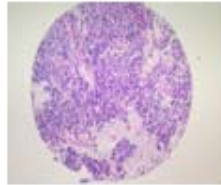
E8



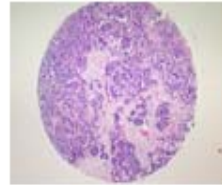
E9



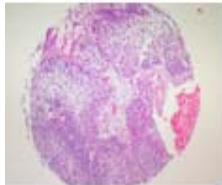
E10



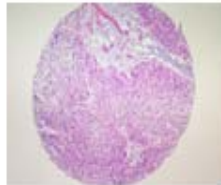
F1



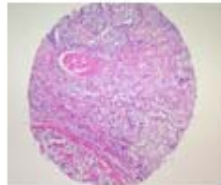
F2



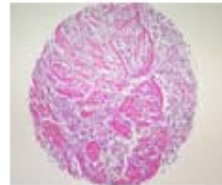
F3



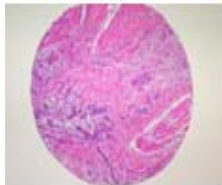
F4



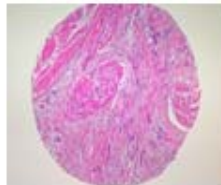
F5



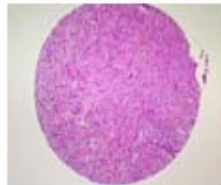
F6



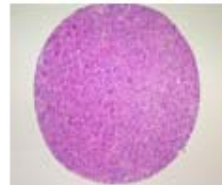
F7



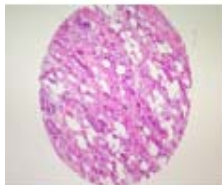
F8



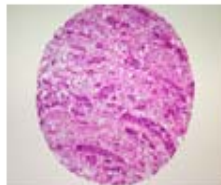
F9



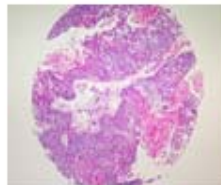
F10



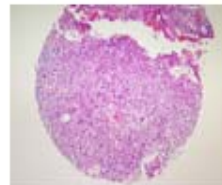
G1



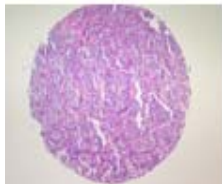
G2



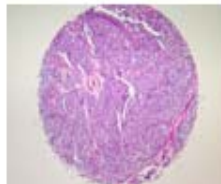
G3



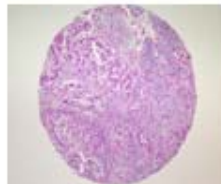
G4



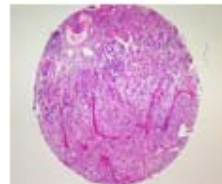
G5



G6



G7

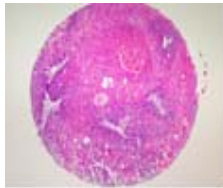


G8

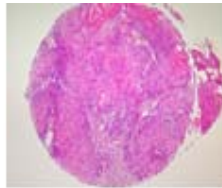
(formalin fixed)

For research use only

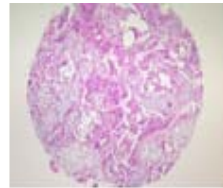
QC sheet_LOT#122120412091
Hematoxylin and Eosin staining



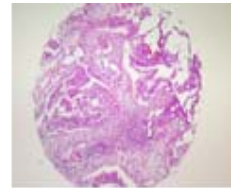
G9



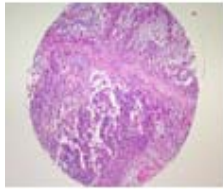
G10



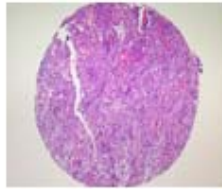
H1



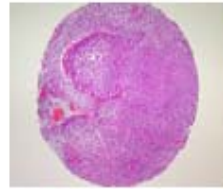
H2



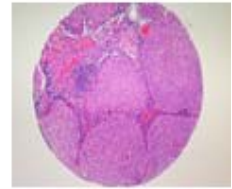
H3



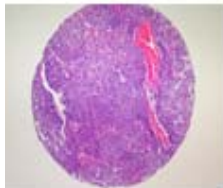
H4



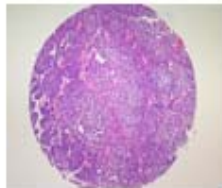
H5



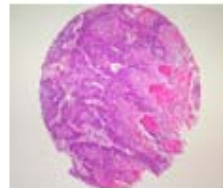
H6



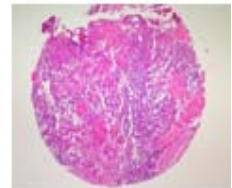
H7



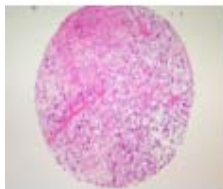
H8



H9



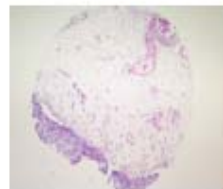
H10



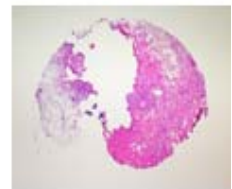
I1



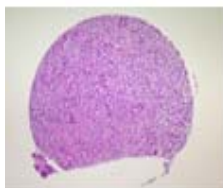
I2



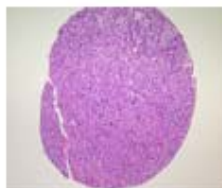
I3



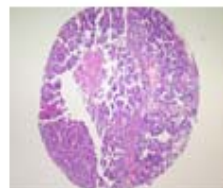
I4



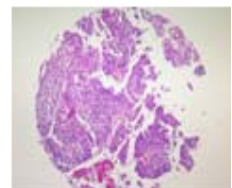
I5



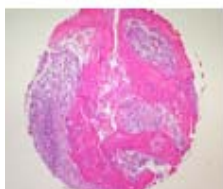
I6



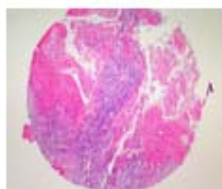
I7



I8



I9



I10

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
1	A 1,2	m	64	urothelial carcinoma	Urinary bladder, main mass, TURBT: low-grade papillary urothelial carcinoma Urinary bladder, deep biopsy: muscularis propria is free of neoplastic involvement Urinary bladder, dome, right lateral and left lateral wall, biopsy: free of tumor.	T1N0M0 (I)
2	A 3,4	m	49	urothelial carcinoma	Urinary bladder, main mass, TURBT: low-grade papillary urothelial carcinoma. Urinary bladder, deep, dome, right and left lateral wall, biopsy: free of tumor.	TaN0M0 (0a)
3	A 5,6	m	56	urothelial carcinoma	Urinary bladder, TURBT: 1) right posterior wall: papillary urothelial carcinoma, low grade, without stromal invasion 2) left bladder neck mass and deep biopsy and anterior wall mass: papillary urothelial carcinoma, high grade, with superficial stromal invasion(pT1a).	T1aN0M0 (I)
4	A 7,8	m	41	urothelial carcinoma	Urinary bladder, biopsy: 1) main mass and deep biopsy: papillary urothelial carcinoma, low grade, without lamina propria invasion 2) posterior wall and right and left lateral walls: free of tumor.	TaN0M0 (0a)
5	A 9,10	m	48	adenocarcinoma signet ring cell carcinoma	1. Urinary bladder, partial cystectomy: 1) adenocarcinoma, with extensive mucin production and signet ring cell feature invading perivascular fat tissue. 2) resection margin: free of tumor, see note. 2. Skin, abdominal wall: free of tumor. Note: mucosal margins of urinary bladder are free of tumor. The tumor deeply extends beyond the deep muscle layer and is covered by peritoneum, which is involved, but not penetrated by neoplasm.	T3aN0M0 (III)
6	A 11	m	48	non-neoplastic	Non-neoplastic from A9,10	

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
7	B 1,2	f	77	papillary carcinoma urothelial carcinoma	Urinary bladder, TURBT: 1) main mass(right dome): papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade II) 2) deep biopsy: free of tumor 3) dome, right: papillary urothelial carcinoma, high grade 4) posterior wall: papillary urothelial carcinoma, high grade, with superficial laminar invasion 5) dome, right lateral and left lateral: free of tumor.	T1N0M0 (I)
8	B 3,4	m	68	urothelial carcinoma	Urinary bladder, TURB: 1) main mass: papillary urothelial carcinoma, high grade (transitional cell carcinoma grade 2) without stromal invasion (pTa) 2) tumor bed: free of tumor 3) deep biopsy: free of tumor.	TaN0M0 (0a)
9	B 5,6	f	44	urothelial carcinoma	Urinary bladder, TURB: 1) main mass dome, dome mass, bladder neck, bladder neck deep biopsy: papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade II), with focally superficial stromal invasion and superficial lymphatic invasion (pT1a) 2) dome, right lateral, left lateral and tumor bed: free of tumor.	T1aN0M0 (I)
10	B 7,8	m	55	urothelial carcinoma	Urinary bladder, TURB: 1) main mass and deep biopsy: papillary urothelial carcinoma, low grade(transitional cell carcinoma, grade II) with focally superficial lamina propria invasion(pT1a) 2) dome, right lateral and left lateral wall: free of tumor.	T1aN0M0 (I)
11	B 9,10	m	53	transitional cell carcinoma adenocarcinoma	Urinary bladder, partial cystectomy: 1) mixed carcinoma(high grade transitional cell carcinoma and well differentiated adenocarcinoma). - with invasion in lamina propria(T1) - with no vascular invasion - with no perineural invasion - bladder mucosal margins: involvement of tumor(transitional cell carcinoma in situ) 2) separately submitted specimen: transitional cell carcinoma in situ.	T1N0M0 (I)
12	B 11	m	48	non-neoplastic	Non-neoplastic from A9,10	

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
13	C 1, 2	m	72	urothelial carcinoma	Urinary bladder, TURBT: papillary urothelial carcinoma, high grade(transitional cell carcinoma, grade II) with squamous cell carcinoma(mixed carcinoma) involving muscle proper.	T4aN0M0 (III)
14	C 3, 4	m	63	papillary carcinoma urothelial carcinoma	Urinary bladder, TURB: 1) main mass and deep biopsy: papillary urothelial carcinoma, low grade (transitional cell carcinoma grade 2), with superficial stromal invasion (pT1a) 2) dome, right and left lateral wall: free of tumor.	T1N0M0 (I)
15	C 5, 6	m	51	urothelial carcinoma	Urinary bladder, TURBT and biopsy: 1) dome mass, dome mass-deep biopsy, neck mass, right posteriolateral mass, right posterolateral deep biopsy, left posterolateral main mass, and left posterolateral deep biopsy: papillary urothelial carcinoma, low-grade (transitional cell carcinoma, grade 2), without stromal invasion (pT20) 2) anterior wall: papillary urothelial tumor of low malignant potential(transitional cell carcinoma, grade 1).	TaN0M0 (0a)
16	C 7, 8	m	75	papillary carcinoma urothelial carcinoma	Urinary bladder, TURB: 1) mass: papillary urothelial carcinoma, low grade(transitional cell carcinoma II) without stromal invasion 2) deep biopsy: free of tumor.	TaN0M0 (0a)
17	C 9, 10	f	33	adenocarcinoma mucinous adenocarcinoma	Urinary bladder and umbilicus, partial cystectomy: 1) mucinous adenocarcinoma mainly composed of signet ring cells of urachal origin, with penetrating the wall and extending to the serosal surface, and with lymphatic invasion 2) resection margins of bladder: free of tumor 3) lymph node, regional(0/1): free of tumor 4) umbilicus and urachus: Free of tumor without urachal tissue.	T3N0M0 (III)
18	C 11	f	33	non-neoplastic	Non-neoplastic from C9,10	

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
19	D 1, 2	m	60	urothelial carcinoma	Urinary bladder, TURB: 1) main mass: Urothelial carcinoma, high grade (transitional cell carcinoma, grade III/III), invading lamina propria 2) right lateral wall: free of tumor 3) left lateral wall: von Brunn's nest 4) left lateral: free of tumor 5) deep biopsy: urothelial carcinoma, high grade (transitional cell carcinoma, grade III/III) 6) dome: free of tumor.	T1N0M0 (I)
20	D 3, 4	m	65	urothelial carcinoma	1. Urethra and prostate, TURP: urothelial carcinoma, high grade (transitional cell carcinoma, grade III) 2. Urinary bladder, dome, biopsy: urothelial carcinoma, high grade.	T4aN0M0 (III)
21	D 5, 6	m	68	urothelial carcinoma	1. Urinary bladder, TURB: 1) main mass and B. Main mass, deep biopsy: papillary urothelial carcinoma, high grade (transitional cell carcinoma grade 3) without stromal invasion (Ta) 2) left posterior lateral wall mass: free of tumor 3) small mass of left posterior lateral wall mass : papillary urothelial carcinoma, low grade 4) another mass of left lateral wall mass and left posterior lateral wall, deep biopsy: papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade 2) without stromal invasion 5) right lateral wall: free of tumor 6) dome: free of tumor 7) left lateral wall: free of tumor 8) posterior urethra and bladder neck: free of tumor 2. Prostate, TURP: benign prostatic hyperplasia.	TaN0M0 (0a)
22	D 7, 8	m	58	urothelial carcinoma	Urinary bladder, prostate, seminal vesicles, radical cystectomy: 1) papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with superficial lamina invasion without extension into the muscularis mucosa 2) resection margins, separately submitted as bilateral ureters: free of tumor 3) resection margin, urethra: free of tumor 4) prostate gland: free of tumor 5) seminal vesicle, bilateral: free of tumor 6) lymph nodes, right iliac(0/11), left external iliac(0/5) and regional(0/1):(0/17): free of tumor 7) soft tissue, separately submitted as right and left obturator lymph node: free of tumor 8) appendix, appendectomy: no pathological diagnosis.	T1aN0M0 (I)
23	D 9, 10	m	44	adenocarcinoma	Bladder, TURBT: 1) main mass: mucinous adenocarcinoma 2) anterior wall: free of tumor 3) right lateral wall:material insufficiency 4) left lateral wall: free of tumor 5) prostate urethra: free of tumor 6) dome: free of tumor 7) trigone: free of tumor.	
24	D 11	f	33	non-neoplastic	Non-neoplastic from C9,10	

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
25	E 1, 2	m	66	urothelial carcinoma	<p>Urinary bladder, radical cystectomy:</p> <ol style="list-style-type: none"> 1) papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with extension to the muscle proper(pT2) and prostate, with vascular(probably venous) invasion 2) leiomyoma 3) resection margins, ureters and urethra: free of tumor 4) lymph nodes, perivesical(0/1), right obturator(0/7), left obturator (0/3), right external iliac(0/3), left external iliac(0/15), and right common iliac(0/10): Free of tumor metastasis in all 39 nodes 5) appendix, incidental appendectomy: no pathological diagnosis. 6) small intestine: free of tumor. <p><Additional and revised report></p> <p>Urinary bladder, radical cystectomy:</p> <ol style="list-style-type: none"> 1) papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with extension to the muscle proper(pT2) and prostate, with vascular(probably venous) invasion. 2) post-operative spindle cell nodule. <p>Note: result of immunohistochemistry: Actin(-), Cytokeratin(-), MIB-1(+).</p>	T4aN0M0 (III)
26	E 3, 4	f	74	urothelial carcinoma	<p>Urinary bladder, TURB: papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with superficial lamina invasion without muscular mucosa(T1a).</p>	T1aN0M0 (I)
27	E 5, 6	m	81	urothelial carcinoma	<p>Urinary bladder, TURB:</p> <ol style="list-style-type: none"> 1) main mass and deep biopsy: invasive papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with extension to the proper muscle 2) dome, right and left lateral wall: free of tumor. 	T2N0M0 (II)
28	E 7, 8	f	58	urothelial carcinoma	<p>Urinary bladder, TURB:</p> <ol style="list-style-type: none"> 1) main mass and deep biopsy: invasive urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with invasion to the proper muscle layer 2) left lateral wall: chronic nonspecific inflammation without tumor. 	T3bN1M0 (IV)
29	E 9, 10	m	44	mucinous adenocarcinoma adenocarcinoma urachal adenocarcinoma	<p>Urinary bladder, radical cystectomy and appendectomy:</p> <ol style="list-style-type: none"> 1) urachal mucinous adenocarcinoma with invasion to the muscle layer but confined to the urachus, stage II by Sheldon system, see note. 2) ileum segmental resection: free of tumor 3) prostate: free of tumor 4) seminal vesicles, both: free of tumor 5) ureters, both: free of tumor 6) vas deferens, both: free of tumor 7) appendix: no pathological diagnosis. 8) regional lymph nodes, perivesical(0/4), common iliac, right(0/8), left(0/4), obturator, right(0/3), left(0/3), left femoral(0/0): (0/22): free of tumor in all 22 lymph nodes. <p>Note: Sheldon staging system:</p> <p>Stage I: cancer is confined to the urachal mucosa</p> <p>Stage II: cancer is invasive but confined to the urachus</p> <p>Stage III: local extension to the bladder(IIIA), abdominal wall(IIIB), peritoneum(IIIC) or visceral other than bladder(IIID)</p> <p>Stage IV: metastasis to regional lymph nodes(IVA) or distant sites(IVB).</p>	

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
30	F 1, 2	f	79	urothelial carcinoma	Urinary bladder, TURB: urothelial carcinoma, high grade(transitional cell carcinoma, grade III) with invasion to the proper muscle layer.	T2N0M0 (II)
31	F 3, 4	f	75	urothelial carcinoma	Urinary bladder, biopsy: 1) main mass: papillary urothelial carcinoma, high grade(transitional cell carcinoma grade 3) with superficial laminar invasion 2) deep biopsy: papillary urothelial carcinoma, high grade, with invasion to the muscularis mucosa(pT1b) 3) bladder neck deep biopsy: papillary urothelial carcinoma, low grade, without stromal invasion.	T1bN0M0 (I)
32	F 5, 6	m	67	urothelial carcinoma	Urinary bladder, seminal vesicles and prostate, radical cystectomy: 1) invasive urothelial carcinoma, high grade(transitional cell carcinoma grade III) with extension to the perivesical fat tissue and with extensive lymphovascular invasion 2) resection margins, ureteral and urethral: free of tumor 3) prostate: free of tumor 4) seminal vesicles, bilateral: free of tumor 5) lymph nodes, right internal iliac(0/2), left internal iliac(0/2), left obturator(0/2) and left external iliac(0/0): free of tumor in all 6 nodes 6) appendix, incidental appendectomy: fatty obliteration.	T3bN0M0 (III)
33	F 7, 8	m	67	urothelial carcinoma	Urinary bladder, ureters, seminal vesicles, prostate gland, radical cystectomy: 1) urinary bladder: Invasive urothelial carcinoma, high grade, with extension to the perivesical fat tissue. 2) prostate: Adenocarcinoma (Gleason's score: 3+3:6) involving 1 lobe(size:1.0x0.6cm) 3) seminal vesicles, both: free of tumor 4) resection margins, urethra and both ureter: free of tumor 5) lymph nodes, pelvic, dissection: right common iliac(0/7), right external iliac(0/10), right obturator(0/7), left common iliac(0/4), left external iliac(0/5) and left obturator(0/6):(0/39): free of tumor 6) soft tissue, separately submitted as paraaortic lymph node: fat necrosis.	T3bN0M0 (III)
34	F 9, 10	m	86	squamous cell carcinoma	Urinary bladder, TURB: 1) labelled as "mass": poorly differentiated squamous carcinoma infiltrating diffusely into the fibromuscular wall 2) Labeled as "anterior wall mass": poorly differentiated squamous carcinoma infiltrating diffusely into the fibromuscular wall.	T1N0M0 (I)

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
35	G 1, 2	m	62	urothelial carcinoma	1. Urinary bladder, prostate, seminal vesicle and ureter, radical mastectomy: diffuse infiltrative urothelial carcinoma, high grade with 1) size: approximately 6x5cm 2) penetration of bladder wall and invasion to prostate and seminal vesicle 3) perineural invasion 4) intact resection margins including right and left ureter 5) no lymph node metastasis (0/54), external iliac right(0/6) and left(0/10), common iliac, right(0/13) and left(0/5), obturator, right(0/15) and left(0/3), perivascular(0/2) 2. Appendix, appendectomy: free from tumor extension.	T4aN0M1 (IV)
36	G 3, 4	m	86	urothelial carcinoma	Urinary bladder, TURB: 1) papillary urothelial carcinoma, high grade, with squamous and glandular differentiation and sarcomatoid differentiation, consistent with sarcomatoid urothelial carcinoma 2) urinary bladder, "deep biopsy", TURB: urothelial carcinoma with invasion to the muscle proper and lymphatic invasion.	T4N1M1 (IV)
37	G 5, 6	m	76	urothelial carcinoma	Urinary bladder, TURB: 1) main mass: urothelial carcinoma, high grade 2) left posterior wall mass: urothelial carcinoma with extensive proper muscle invasion 3) dome mass: urothelial carcinoma, high grade 4) not specified specimen: several fragments of proper muscle bundles without evidence of tumor.	T2bN0M0 (II)
38	G 7, 8	m	64	urothelial carcinoma	Urinary bladder, TURB: 1) right lateral wall: - urothelial carcinoma, high grade, with invasion to the muscularis mucosa(pT1b) - carcinoma in situ 2) right posterolateral wall: papillary urothelial carcinoma, high grade, without stromal invasion 3) right lateral, left lateral and dome: free of tumor.	T1bN0M0 (I)
39	G 9, 10	f	69	squamous cell carcinoma	Urinary bladder, TURB: 1) urothelial carcinoma, high grade, with squamous differentiation, with invasion to the muscularis mucosa (pT1b) 2) urinary bladder, deep biopsy: urothelial carcinoma with invasion limited in superficial lamina propria 3) urinary bladder, dome, right and left lateral wall, TURB: free from tumor extension.	T1bN0M0 (I)

A215: Urinary bladder cancer tissues

No	Coordinate	Sex	Age	Key Word	Histological Diagnosis	TNM Stage
40	H 1, 2	m	67	urothelial carcinoma	Urinary bladder: 1) main mass, TURBT: high-grade urothelial carcinoma with involvement of muscularis propria 2) urinary bladder, deep, biopsy: high-grade urothelial carcinoma 3) urinary bladder, dome, and right lateral wall, biopsy: urothelial carcinoma in-situ 4) urinary bladder, left lateral wall, biopsy: free of tumor.	T2aN0M0 (II)
41	H 3, 4	m	75	urothelial carcinoma	Urinary bladder, TURBT: 1) main mass and deep biopsy: papillary urothelial carcinoma, high grade, with invasion to the proper muscle layer(pT1c) 2) dome: carcinoma in situ 3) left lateral wall mass: papillary urothelial carcinoma, high grade 4) right and left lateral wall: free of tumor.	T3bN0M0 (III)
42	H 5, 6	f	66	urothelial carcinoma	Urinary bladder, TURBT: 1) main mass and deep biopsy: papillary urothelial carcinoma, high grade, without stromal invasion 2) random, right and left lateral wall: chronic nonspecific inflammation without tumor.	T1N0M0 (I)
43	H 7, 8	f	72	urothelial carcinoma	Urinary bladder, TURBT: urothelial carcinoma, high grade, focally squamous differentiation, with invasion to the muscularis mucosa(pT1b).	T1aN0M0 (I)
44	H 9, 10	f	59	squamous cell carcinoma	Urinary bladder, TURBT: invasive squamous cell carcinoma, well differentiated, with marked necrosis and extension to the muscle proper and probably to perivesical soft tissue, see note. Note: This tumor is probably metaplastic from previous urothelial carcinoma. But the possibility of metastatic squamous cell carcinoma of uterine cervix cannot be excluded.	T2bN0M0 (II)
45	I 1, 2	m	87	urothelial carcinoma	Urinary bladder, TURBT: main mass and deep biopsy: urothelial carcinoma, high grade, with invasion to the muscle proper(pT2).	T2N0M0 (II)
46	I 3, 4	m	52	urothelial carcinoma carcinoma in situ	Urinary bladder, TURBT: posterior wall mass, anterior wall mass, right lateral wall mass, and right side posterior wall mass: 1) papillary urothelial carcinoma, high grade, without stromal invasion 2) carcinoma in situ.	TisN0M0 (0is)
47	I 5, 6	f	59	urothelial carcinoma carcinoma in situ	Urinary bladder, TURB: 1) main mass and deep biopsy: papillary urothelial carcinoma, high grade(transitional cell carcinoma, grade III) with invasion beyond muscularis mucosa but not to the muscle proper (pT1c) 2) dome, right and left lateral walls: free of tumor 3) posterior wall: carcinoma in situ with Pagetoid spread of urothelial carcinoma.	TisN0M0 (0is)
48	I 7, 8	m	64	urothelial carcinoma carcinoma in situ	Urinary bladder, TURB: main mass and deep biopsy: 1) papillary urothelial carcinoma, high grade (transitional cell carcinoma, grade III), with superficial stromal invasion(pT1a) 2) carcinoma in situ.	TisN0M0 (0is)
49	I 9, 10	m		squamous cell carcinoma	Urinary bladder, TURBT: papillary urothelial carcinoma, high grade(transitional cell carcinoma, grade II) with squamous cell carcinoma(mixed carcinoma) involving muscle proper.	T2N0M0 (II)

comment

TURBT : Trans urethral resection of bladder tumor