

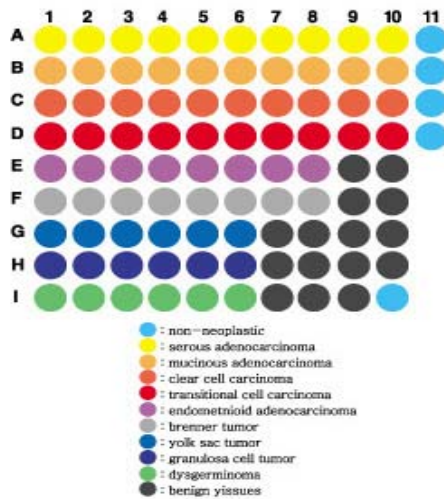
Specifications:

- No. of cases: 45
- Tissue type: Ovary 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: No
- Diameter: 1.0 mm

Documents:

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

Layout:



Summary of tissue spots

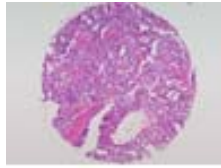
No.	Coordinate	Sex	Age	Key Word	TNM Stage	
1	A	1, 2	f	54	serous adenocarcinoma	T2aN0M0 (II A)
2		3, 4	f	49	serous adenocarcinoma	T2aN0M1 (IV)
3		5, 6	f	41	serous adenocarcinoma	T3cN0M0 (III C)
4		7, 8	f	68	serous adenocarcinoma	T3aN0M1 (IV)
5		9, 10	f	61	serous adenocarcinoma	T2cN0M0 (II C)
6		11	f		non-neoplastic	
7	B	1, 2	f	39	mucinous adenocarcinoma	T1aN0M0 (I A)
8		3, 4	f	59	mucinous adenocarcinoma	T3bN0M0 (III B)
9		5, 6	f	29	mucinous adenocarcinoma	T1aN0M0 (I A)
10		7, 8	f	58	mucinous adenocarcinoma	T1aN0M0 (I A)
11		9, 10	f	40	mucinous adenocarcinoma	T1aN0M0 (I A)
12		11	f		non-neoplastic	
13	C	1, 2	f	44	clear cell carcinoma endometriosis	T1cN0M0 (I C)
14		3, 4	f	37	clear cell carcinoma	T3cN0M0 (III C)
15		5, 6	f	45	clear cell carcinoma	T3cN0M0 (III C)
16		7, 8	f	53	clear cell carcinoma	T N1M1 (IV)
17		9, 10	f	48	clear cell carcinoma	T3cN0M0 (III C)
18		11	f		non-neoplastic	
19	D	1, 2	f	66	transitional cell carcinoma	T3aN0M0 (III A)
20		3, 4	f	67	transitional cell carcinoma	T3cN0M0 (III C)
21		5, 6	f		transitional cell carcinoma	T3cN0M0 (III C)
22		7, 8	f	67	transitional cell carcinoma	T3cNxM1 (IV)
23		9, 10	f	62	transitional cell carcinoma	T3bN1M1 (IV)
24		11	f		non-neoplastic	
25	E	1, 2	f	34	endometrioid adenocarcinoma	T1aN0M0 (I A)
26		3, 4	f	66	endometrioid adenocarcinoma	T2bN0M0 (II B)
27		5, 6	f	43	endometrioid adenocarcinoma	T1aN0M0 (I A)
28		7, 8	f	45	endometrioid carcinoma	T3cN0M0 (III C)
29		9, 10	f	25	mucinous cystadenoma	
30	F	1, 2	f	39	brenner tumor struma ovarii	
31		3, 4	f	87	brenner tumor	T1aN0M0 (I A)
32		5, 6	f	50	brenner tumor	T1aN0M0 (I A)
33		7, 8	f	46	brenner tumor	T1aN0M0 (I A)
34		9, 10	f	68	mucinous cystadenoma	

Summary of tissue spots

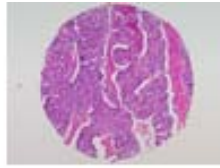
No.	Coordinate	Sex	Age	Key Word	TNM Stage	
35	G	1, 2	f	29	yolk sac tumor endodermal sinus tumor	T3cN0M0 (III C)
36		3, 4	f	11	yolk sac tumor	T3cN0M0 (III C)
37		5, 6	f	12	yolk sac tumor	T1aN0M0 (I A)
38		7, 8	f	71	serous papillary cystadenoma	
39		9, 10	f	39	Fibroma	
40	H	1, 2	f	43	granulosa cell tumor	T1aN0M0 (I A)
41		3, 4	f	55	granulosa cell tumor	T1aN0M0 (I A)
42		5, 6	f	80	granulosa cell tumor	T1cN0M0 (I C)
43		7, 8	f	61	serous papillary cystadenoma	
44		9, 10	f	41	Fibroma	
45	I	1, 2	f	32	dysgerminoma	T1cN0M0 (I C)
46		3, 4	f	11	dysgerminoma	T3cN0M0 (III C)
47		5, 6	f	19	dysgerminoma	T1cN0M0 (I C)
48		7, 8	f	28	serous papillary cystadenoma	
49		9, 10	f		corpus luteum	

QC sheet_LOT#122120403101

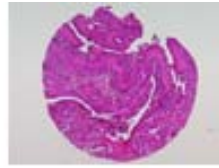
Hematoxylin and Eosin staining



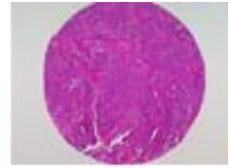
A1



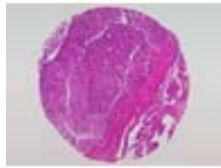
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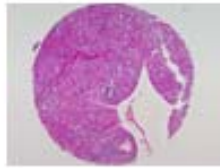
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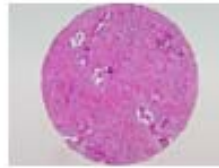
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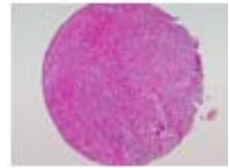
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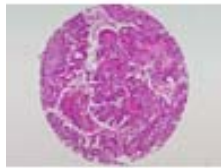
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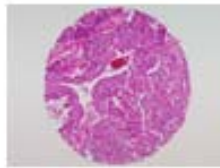
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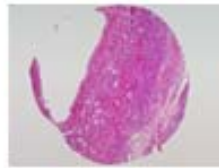
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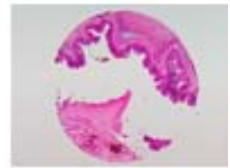
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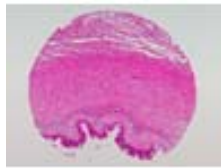
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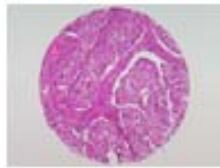
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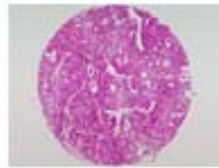
B1



B2



B3



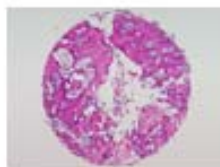
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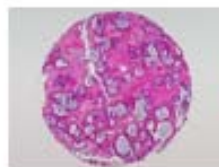
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B6



B7



B8



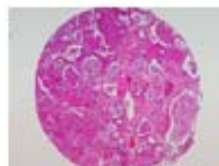
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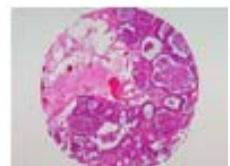
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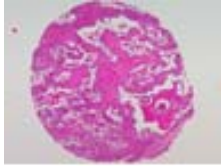
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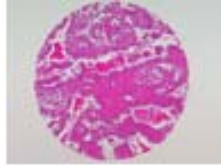
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QC sheet_LOT#122120403101

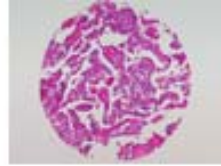
Hematoxylin and Eosin staining



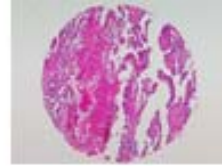
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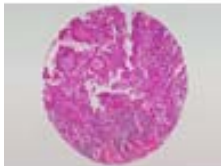
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C5



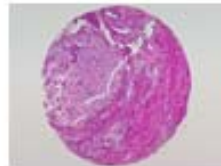
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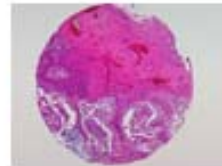
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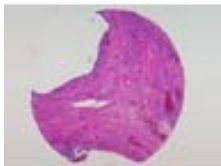
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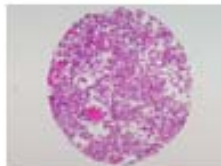
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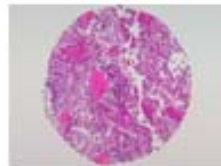
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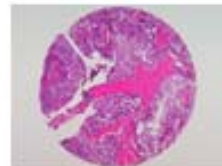
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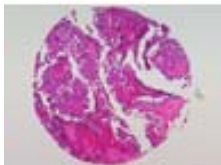
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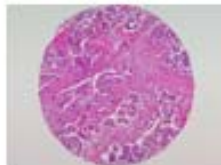
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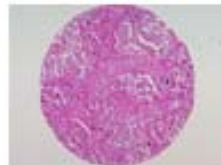
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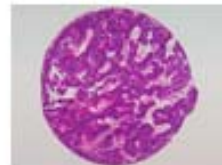
D4



D5



D6



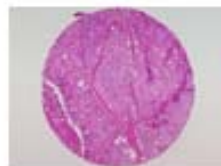
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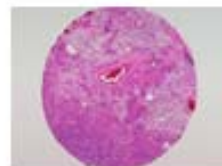
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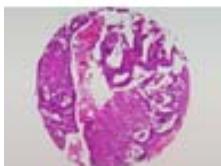
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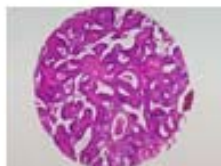
D10



D11



E1



E2



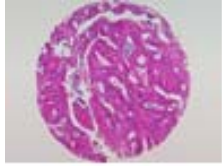
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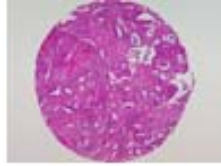
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QC sheet_LOT#122120403101

Hematoxylin and Eosin staining



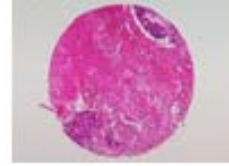
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E6



E7



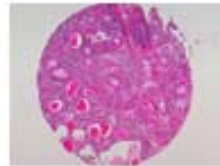
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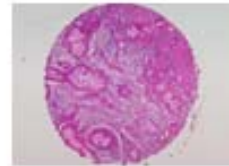
E9



E10



F1



F2



F3



F4



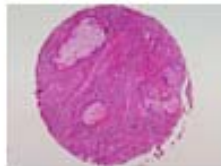
F5



F6



F7



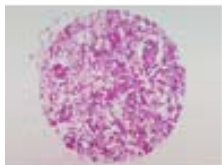
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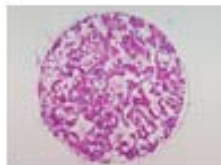
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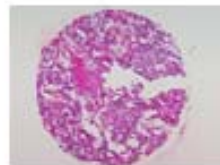
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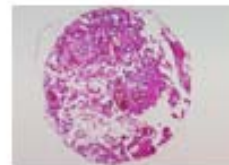
G1



G2



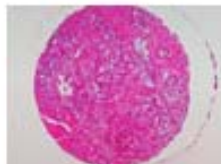
G3



G4



G5



G6



G7



G8

QC sheet_LOT#122120403101

Hematoxylin and Eosin staining



G9



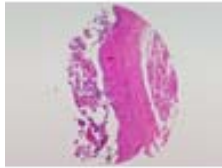
G10



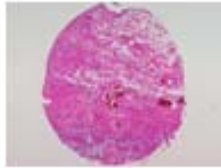
H1



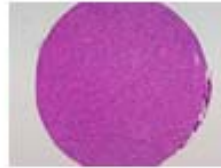
H2



H3



H4



H5



H6



H7



H8



H9



H10



I1



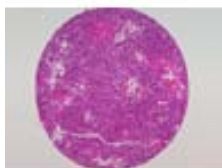
I2



I3



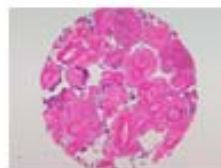
I4



I5



I6



I7



I8



I9



I10

A213: Ovary cancer tissues

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
1	A	1, 2	f	54	serous adenocarcinoma	<p>1. Uterus, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <ul style="list-style-type: none"> 1) cervix: high grade squamous intraepithelial lesion (CIN III, carcinoma in situ) 2) endometrium: atrophy 3) myometrium: I) leiomyoma II) serosal invasion by ovarian adenocarcinoma 4) parametrium: extension of adenocarcinoma 5) ovaries, bilateral: mixed carcinoma composing papillary serous adenocarcinoma, grade 3, with clear cell carcinoma, with extraovarian spread 6) fallopian tubes, both: serosal extension of adenocarcinoma <p>2. Urinary bladder, colon, cul-de-sac and omentum: extension of adenocarcinoma</p>	T2aN0M0 (II A)
2	A	3, 4	f	49	serous adenocarcinoma	<p>1. Uterus including both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <ul style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation 2) endometrium: secretory phase 3) myometrium: leiomyoma, subserosal 4) ovary and fallopian tube, right: serous papillary adenocarcinoma, poorly differentiated (grade 3) probably arising from fallopian tube and extension to the paraovarian and ovarian tissue 5) ovary, left: corpus luteum 6) fallopian tube, left: no pathological diagnosis 7) parametria, bilateral: free of tumor 8) lymph nodes, right pelvic (0/2) and left pelvic (0/2): <ul style="list-style-type: none"> I) free of tumor metastasis in all 4 nodes II) endosalpingiosis III) chronic granulomatous inflammation, see note <p>2. Omentum, partial omentectomy: chronic granulomatous inflammation</p> <p>Note: To rule out tuberculosis, Ziehl-Neelsen's stain is ongoing, and the result will follow.</p>	T2aN0M1 (IV)

A213: Ovary cancer tissues

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
3	A	5, 6	f	41	serous adenocarcinoma	<p>1. Uterus including both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: proliferative phase 3) myometrium: serosal invasion by ovarian adenocarcinoma 4) ovaries, bilateral: serous papillary adenocarcinoma, grade 2, bilateral, with extension beyond ovarian capsule to the pelvic and abdominal peritoneum 5) fallopian tubes, bilateral: serosal and intraluminal tumor involvement 6) parametrium, bilateral: extension of the tumor 7) lymph nodes, right pelvic (0/1), left pelvic (0/3) and paraaortic (0/3): free of tumor metastasis in all 7 nodes <p>2. Omentum and peritoneum labelled as bladder dome, bilateral pelvis and ileocecum: metastatic adenocarcinoma</p> <p>3. Appendix, incidental appendectomy: no pathological diagnosis</p>	T3cN0M0 (III C)
4	A	7, 8	f	68	serous adenocarcinoma	<p>Uterus with both adnexae, total abdominal hysterectomy with right salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: erosion with chronic nonspecific inflammation and squamous metaplasia 2) endomyometrium: papillary serous adenocarcinoma, poorly differentiated (grade 3) without hyperplasia (type I), with extension to the entire thickness of the wall and to the cul de sac 3) ovaries, bilateral: bilateral serous papillary adenocarcinoma probably metastatic from the endometrium 4) fallopian tubes, both: no pathological diagnosis 5) parametrium, both: free of tumor 6) vaginal cuff: no pathological diagnosis 7) omentum, partial omentectomy: free of tumor 8) lymph node, omental (0/1): free of tumor 	T3aN0M1 (IV)

A213: Ovary cancer tissues

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
5	A	9, 10	f	61	serous adenocarcinoma	<p>Uterus with both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: atypical polypoid adenomyoma 3) myometrium: no pathological diagnosis 4) ovary, right: serous papillary cystadenoma 5) fallopian tube, right: no pathological diagnosis 6) ovary, left: serous surface papillary adenocarcinoma, grade II, with extraovarian spread forming invasive implants in omentum and distal peritoneum 7) regional lymph node, right pelvic (0/3), left pelvic (0/4), paraaortic (0/2): (0/9): free of tumor metastasis in all 9 nodes <p>2. Omentum, excision: invasive implant of serous adenocarcinoma 3. Tissue between diaphragm and liver surface: invasive implant of serous adenocarcinoma</p>	T2cN0M0 (II C)
6	A	11	f		non-neoplastic	Non-neoplastic	
7	B	1, 2	f	39	mucinous adenocarcinoma	<p>Ovary, right, right oophorectomy:</p> <p>mucinous borderline tumor with intraepithelial carcinoma (by Hart and Norris criteria) and pseudomyxoma ovarii formation, definitive invasion</p>	T1aN0M0 (I A)
8	B	3, 4	f	59	mucinous adenocarcinoma	<p>Uterus including both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: cystic atrophy 3) myometrium: no pathological diagnosis 4) ovaries, both: mixed carcinoma composing mucinous adenocarcinoma and transitional cell carcinoma, high grade, bilateral, with extension beyond ovarian capsule 5) fallopian tubes, both: free of tumor 6) parametria, both: free of tumor 7) omentum, partial omentectomy: free of tumor <p>Note: Result of immunohistochemical stain and special stains: CK7(+), CK20(-), Vimentin(-), Mucicarmine(+), Alcian blue(+).</p>	T3bN0M0 (III B)
9	B	5, 6	f	29	mucinous adenocarcinoma	<ol style="list-style-type: none"> 1. Ovary, including fallopian tube, right salpingoophorectomy: intraepithelial mucinous adenocarcinoma without stromal invasion, confined to the ovary 2. Fallopian tube: no pathological diagnosis 	T1aN0M0 (I A)

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
10	B	7, 8	f	58	mucinous adenocarcinoma	<p>Uterus including both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation 2) endometrium: atrophy 3) myometrium: adenomyosis 4) ovary, right: no pathological diagnosis 5) ovary, left: mucinous adenocarcinoma, moderately differentiated, confined within ovarian capsule 6) fallopian tubes, both: no pathological diagnosis 7) parametria, bilateral: free of tumor 8) cyst, right paraovarian: hydatid of morgagni 	T1aN0M0 (I A)
11	B	9, 10	f	40	mucinous adenocarcinoma	<ol style="list-style-type: none"> 1. Ovary, left, left salpingoophorectomy: mixed intestinal and mullerian type mucinous adenocarcinoma (by criteria according to Hart and Norris) without definitive stromal invasion (mucinous borderline tumor according to WHO criteria) 2. Fallopian tube, left: no pathological diagnosis 	T1aN0M0 (I A)
12	B	11	f		non-neoplastic	Non-neoplastic	
13	C	1, 2	f	44	clear cell carcinoma endometriosis	<p>Ovary and fallopian tube, left, left salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) ovary: I) clear cell carcinoma II) endometriosis 2) fallopian tube: no pathological diagnosis 	T1cN0M0 (I C)
14	C	3, 4	f	37	clear cell carcinoma	<p>Uterus including right ovary, total abdominal hysterectomy with right salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation 2) endometrium: secretory phase 3) myometrium: serosal invasion of clear cell carcinoma 4) ovary, right: clear cell carcinoma involving capsule, with extension to the adnexal surface and lymphovascular permeation 5) fallopian tube: no pathological diagnosis 6) periaidnexa, left: Invasion of clear cell carcinoma with cyst formation 7) vaginal cuff: free of tumor 	T3cN0M0 (III C)

A213: Ovary cancer tissues

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
15	C	5, 6	f	45	clear cell carcinoma	<p>1. Ovary, left, oophorectomy:</p> <p>1) clear cell carcinoma, ruptured</p> <p>2) endometriotic cyst</p> <p>2. Ovary, right, wedge biopsy: endometriotic cyst focally surfaced by endometrial gland with nuclear atypia and clear cytoplasmic change, see note.</p> <p>Note: The possibility of clear cell carcinomatous change cannot be ruled out.</p>	T3cN0M0 (III C)
16	C	7, 8	f	53	clear cell carcinoma	<p>1. Uterus including both adnexae, total abdominal hysterectomy with both salpingoophorectomy:</p> <p>1) cervix: chronic nonspecific inflammation with squamous metaplasia</p> <p>2) endometrium: atrophy</p> <p>3) myometrium: no pathological diagnosis</p> <p>4) ovaries, bilateral: clear cell carcinoma involving both ovaries and capsules</p> <p>5) fallopian tube, both: involvement of tumor</p> <p>6) soft tissue, labelled as omentum, pelvic peritoneum, right and left paracolic gutter mass and liver surface: denstructive invasion of tumor</p> <p>7) lymph node, mesenteric (1/1): metastasis of tumor</p> <p>2. Appendix, appendectomy: free of tumor</p>	T N1M1 (IV)
17	C	9, 10	f	48	clear cell carcinoma	<p>Uterus with both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <p>1) cervix: I) chronic cervicitis with squamous metaplasia II) endocervical polyp</p> <p>2) endometrium: proliferative phase</p> <p>3) myometrium: no pathological diagnosis</p> <p>4) salpinx, left: free from tumor extension</p> <p>5) ovary, right</p> <p>6) ovary, left: metastatic clear cell carcinoma</p> <p>7) omentum, partial omentectomy:non-invasive implant of ovarian clear cell carcinoma</p>	T3cN0M0 (III C)
18	C	11	f		non-neoplastic	non-neoplastic	

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
19	D	1, 2	f	66	transitional cell carcinoma	<p>Uterus including both adnexa, radical abdominal hysterectomy with both salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation with squamos metaplasia 2) endometrium: atrophy 3) myometrium: leiomyoma, intramural 4) ovaries, both: mixed carcinoma composed of poorly differentiated transitional cell carcinoma, serous papillary adenocarcinoma and endometrioid carcinoma with capsular invasion 5) soft tissue, bilateral peritoneum and omentum: free of tumor 6) soft tissue, labelled as paraaortic node: metastatic carcinoma involving serosal surface without lymph node 7) lymph nodes, right pelvic (0/11) and left pelvic (0/11): free of tumor in all 22 lymph nodes 	T3aN0M0 (III A)
20	D	3, 4	f	67	transitional cell carcinoma	<p>Uterus including left adnexa, TAH with LSO:</p> <ol style="list-style-type: none"> 1) cervix: erosion with chronic nonspecific inflammation 2) endometrium: atrophy 3) myometrium: adenomyosis, focal 4) ovary: transitional cell carcinoma involving parametrium 5) fallopian tube: no pathological diagnosis 	T3cN0M0 (III C)
21	D	5, 6	f		transitional cell carcinoma	<ol style="list-style-type: none"> 1. Uterus, both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy: <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation 2) endometrium: atrophy 3) myometrium: invasive implantation of ovarian adenocarcinoma involving serosa and low half of myometrium 4) ovary, right: mixed carcinoma composing predominantly clear cell adenocarcinoma and minorly serous adenocarcinoma and transitional cell carcinoma 5) ovary, left: metastasis of right ovarian adenocarcinoma 6) parametrium, both: invasive implantation of ovarian adenocarcinoma 2. Sigmoid colon, segmentectomy: serosal invasive implantation of ovarian adenocarcinoma 3. Bladder, biopsy: invasive implantation of adenocarcinoma 4. Appendix, appendectomy: serosal invasion of adenocarcinoma 5. Omentum, total omentectomy: invasive implantation of adenocarcinoma 6. Peritoneum, biopsy: invasive implantation of adenocarcinoma 7. Regional lymph nodes, right pelvic lymph nodes (0/4), left pelvic lymph nodes (0/4), paraaortic lymph nodes (0/7): (0/15): free of tumor in all 15 nodes 	T3cN0M0 (III C)

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
22	D	7, 8	f	67	transitional cell carcinoma	Ovary, biopsy: transitional cell carcinoma	T3cNxM1 (IV)
23	D	9, 10	f	62	transitional cell carcinoma	1. Ovary, both, bilateral salpingoophorectomy: 1) mixed carcinoma composing transitional cell carcinoma and serous adenocarcinoma, bilateral, with extension through ovarian capsule to extraovarian and paratubal soft tissue and extensive lymphovascular permeation 2) fallopian tube, right: metastatic transitional cell carcinoma 3) fallopian tube, left: free of tumor	T3bN1M1 (IV)
24	D	11	f		non-neoplastic	Non-neoplastic	
25	E	1, 2	f	34	endometrioid adenocarcinoma	Ovary and fallopian tube, left, left salpingoophorectomy: 1) ovary: mixed adenocarcinoma, composed of well differentiated endometrioid adenocarcinoma and focally serous adenocarcinoma, well differentiated, associated with endometriosis, confined within the ovarian capsule 2) fallopian tube: no pathological diagnosis	T1aN0M0 (I A)
26	E	3, 4	f	66	endometrioid adenocarcinoma	Uterus including both adnexae, total abdominal hysterectomy with both salpingoophorectomy: 1) cervix: I) serosal involvement of adenocarcinoma II) low grade squamous intraepithelial lesion (flat condyloma) 2) endomyometrium: serosal and myometrial fistular tract formation on the left cornual portion 3) ovary, right: free of tumor, but massive foamy macrophage infiltrate on the mesoovarian serosa 4) ovary, left: adenocarcinoma, poorly differentiated, probably endometrioid type, with extension to the left parametrium 5) fallopian tube, right: no pathological diagnosis 6) fallopian tube, left: serosal and intramural involvement of adenocarcinoma	T2bN0M0 (II B)
27	E	5, 6	f	43	endometrioid adenocarcinoma	Uterus including both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy: 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: complex hyperplasia without atypia 3) myometrium: leiomyomas, intramural 4) ovary, right: endometrioid adenocarcinoma with squamous differentiation, grade 1, associated with endometriosis, confined within the capsule 5) ovary, left: endometriotic cyst 6) fallopian tubes, both: free of tumor 7) parametria, both: free of tumor	T1aN0M0 (I A)

A213: Ovary cancer tissues

No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
28	E	7, 8	f	45	carcinoma	Ovary, left, frozen, oophorectomy: mixed carcinoma composing endometrioid carcinoma and transitional cell carcinoma	T3cN0M0 (III C)
29	E	9, 10	f	25	mucinous cystadenoma	Ovary, right, oophorectomy: mucinous cystadenoma	
30	F	1, 2	f	39	brenner tumor struma ovarii	Uterus, total abdominal hysterectomy with right and left salpingoophorectomy: 1) cervix: chronic nonspecific inflammation 2) endometrium: proliferative phase 3) myometrium: adenomyosis 4) ovary, right: mature cystic teratoma with brenner tumor, benign 5) ovary, left: focal necrosis 6) fallopian tube, right: no pathological diagnosis	
31	F	3, 4	f	87	brenner tumor	Ovary, right, oophorectomy: 1) brenner tumor 2) endosalpingiotic cyst 3) endosalpingiosis	T1aN0M0 (I A)
32	F	5, 6	f	50	brenner tumor	Uterus including both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy: 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: polyp 3) myometrium: leiomyomas, intramural and subserosal 4) ovary, right: I) endometriotic cyst II) brenner tumor, microscopic 5) ovary, left : no pathological diagnosis 6) fallopian tubes, both: no pathological diagnosis	T1aN0M0 (I A)
33	F	7, 8	f	46	brenner tumor	Ovary and fallopian tube, left, left salpingoophorectomy: 1) ovary: I) brenner tumor II) endometriotic cyst 2) fallopian tube: no pathological diagnosis 3) soft tissue: lymphangioma	T1aN0M0 (I A)

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
34	F	9, 10	f	68	mucinous cystadenoma	Uterus with adnexae, bilateral, total abdominal hysterectomy with bilateral salpingoophorectomy: 1) cervix: chronic nonspecific inflammation 2) endometrium: atrophy 3) myometrium: no pathological diagnosis 4) ovaries, bilateral: mucinous cystadenoma 5) fallopian tubes, bilateral: no pathological diagnosis	
35	G	1, 2	f	29	yolk sac tumor endodermal sinus tumor	Ovary and fallopian tube, right: 1) ovary: yolk-sac tumor (endodermal sinus tumor), reticular and pseudopapillary patterns, with marked necrosis and pleomorphism 2) fallopian tube: no pathological diagnosis	T3cN0M0 (III C)
36	G	3, 4	f	11	yolk sac tumor	Ovary and fallopian tube, right, right salpingoophorectomy: ovary: mixed germ cell tumor (Yolk sac tumor: 75%, dysgerminoma: 20%, embryonal carcinoma and syncytiotrophoblast: 5%)	T3cN0M0 (III C)
37	G	5, 6	f	12	yolk sac tumor	Ovary and fallopian tube, left salpingoophorectomy: 1) ovary: yolk sac tumor (endometrial sinus tumor) confined within the ovary 2) fallopian tube: no pathological diagnosis EM> Ultrastructural features are compatible with endodermal sinus tumor: cells showing basement membrane substance outside of the cells. The cytoplasm contains well developed Golgi complex mitochondria, RER cisternae that are often dilated and contain deposits of a finely granular substance, lipid droplets and glycogen particles. Electron dense spheroidal bodies (hyaline globules) are also present.	T1aN0M0 (I A)

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
38	G	7, 8	f	71	serous papillary cystadenoma	<p>Uterus including both adnexae, radical abdominal hysterectomy with bilateral salpingo-oophorectomy:</p> <p>1) cervix: postcone biopsy state with residual invasive squamous cell carcinoma, large cell, non-keratinizing type on the endocervical area, with lymphatic invasion (depth of invasion: 6/10mm)</p> <p>2) endometrium: I) polyp II) atrophy</p> <p>3) myometrium : leiomyoma, intramural</p> <p>4) ovary, right: endosalpingiosis</p> <p>5) ovary, left : I) serous papillary cystadenoma, borderline malignancy (serous borderline tumor) II) endosalpingiosis</p> <p>6) fallopian tubes, both: no pathological diagnosis</p> <p>7) parametria, both: free of tumor</p> <p>8) vaginal cuff: cautery artifact</p> <p>9) lymph nodes, right pelvic (0/17), left pelvic (0/16), and paraaortic (0/ 3): free of tumor in all 36 nodes</p>	
39	G	9, 10	f	39	Fibroma	Ovary, site unstated, oophorectomy: fibrothecoma	
40	H	1, 2	f	43	granulosa cell tumor	<p>1. Ovary and fallopian tube, left, left salpingo-oophorectomy: granulosa cell tumor, moderately differentiated (Mitotic index: 2/10 HPF)</p> <p>2. Fallopian tube: no pathological diagnosis</p>	T1aN0M0 (I A)
41	H	3, 4	f	55	granulosa cell tumor	<p>Uterus with both adnexae, total abdominal hysterectomy with bilateral salpingo-oophorectomy:</p> <p>1) cervix: chronic nonspecific inflammation</p> <p>2) endometrium: proliferative phase</p> <p>3) myometrium : I) adenomyosis II) leiomyoma, intramural</p> <p>4) ovary, right: granulosa cell tumor, well differentiated, confined within ovarian capsule</p> <p>5) ovary, left : no pathological diagnosis</p> <p>6) fallopian tubes, bilateral: no pathological diagnosis</p>	T1aN0M0 (I A)

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
42	H	5, 6	f	80	granulosa cell tumor	<p>Uterus including both adnexae, total abdominal hysterectomy with both salpingoophorectomy:</p> <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: simple hyperplasia without atypia. (cystic hyperplasia) 3) myometrium : leiomyoma, submucosa, small 4) ovary, right: granulosa cell tumor, diffuse type (mitotic figure: 8/10 HPF), moderate atypia and necrosis without capsular invasion, see note. 5) ovary, left: no pathological diagnosis 6) fallopian tubes, both: no pathological diagnosis <p>EM> The tumor is composed of tightly apposed polygonal cells joined by small desmosomes. Nuclei are round and deeply cleaved or convoluted with one prominent nucleoli. Cytoplasm contains mitochondria, RER cisternae, and occasional lipid droplets. Basement membrane substance is well observed around each neoplastic cell and intercellular stroma. Call-Exner bodies are not identified. Tangles of intermediate filaments are not observed. Diagnosis: consistent with granulosa cell tumor.</p>	T1cN0M0 (I C)
43	H	7, 8	f	61	serous papillary cystadenoma	<ol style="list-style-type: none"> 1. Uterus with both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy: <ol style="list-style-type: none"> 1) cervix: chronic nonspecific inflammation with squamous metaplasia 2) endometrium: atypical polypoid adenomyoma 3) myometrium : no pathological diagnosis 4) ovary, right: serous papillary cystadenoma 5) fallopian tube, right: no pathological diagnosis 6) ovary, left: serous surface papillary adenocarcinoma, grade II, with extraovarian spread forming invasive implants in omentum and distal peritoneum 7) regional lymph node, right pelvic (0/3), left pelvic (0/4), paraaortic (0/2) : (0/9): free of tumor metastasis in all 9 nodes 2. Omentum, excision: invasive implant of serous adenocarcinoma 3. Tissue between diaphragm and liver surface: invasive implant of serous adenocarcinoma 	
44	H	9, 10	f	41	Fibroma	Ovary, left, frozen oophorectomy: thecoma-fibroma with follicular cysts	
45	I	1, 2	f	32	dysgerminoma	Ovarian mass, salpingo-oophorectomy: dysgerminoma with capsular and vascular invasion	T1cN0M0 (I C)

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No.	Coordinate		Sex	Age	Key Word	Histological Diagnosis	TNM Stage
46	I	3, 4	f	11	dysgerminoma	Ovary and fallopian tube, right, right salpingoophorectomy: ovary: mixed germ cell tumor (Yolk sac tumor: 75%, dysgerminoma: 20%, embryonal carcinoma and syncytiotrophoblast: 5%)	T3cN0M0 (III C)
47	I	5, 6	f	19	dysgerminoma	Ovary, left, salpingoophorectomy: dysgerminoma	T1cN0M0 (I C)
48	I	7, 8	f	28	serous papillary cystadenoma	Ovary, left, oophorectomy: serous papillary cystadenoma, borderline malignancy (serous borderline tumor)	
49	I	9, 10	f		corpus luteum	1.Uterus, total abdominal hysterectomy: 1) cervix: chronic cervicitis with squamous metaplasia 2) endometrium: secretory phase 3) myometrium: leiomyoma, intramural 4) ovary, clinically site unstated:hemorrhagic corpus luteum 2. Soft tissue, clinically from abdomen, frozen biopsy: endometriosis	