

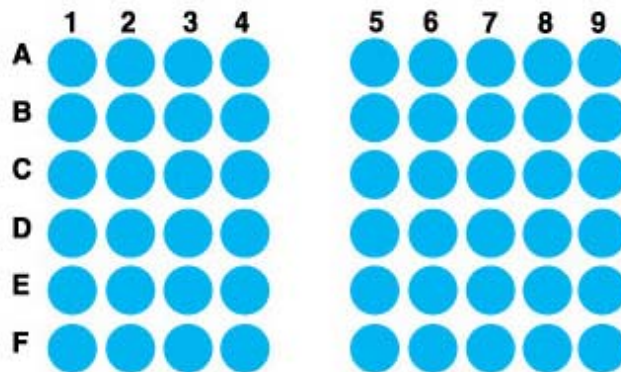
Specifications:

- No. of cases: 54
- Tissue type: Normal tissues - single spot
- No. of spots: 1 spot from each normal case (54 spots)
- Total spots: 54
- Diameter: 1.0 mm

Documents:

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

Layout:



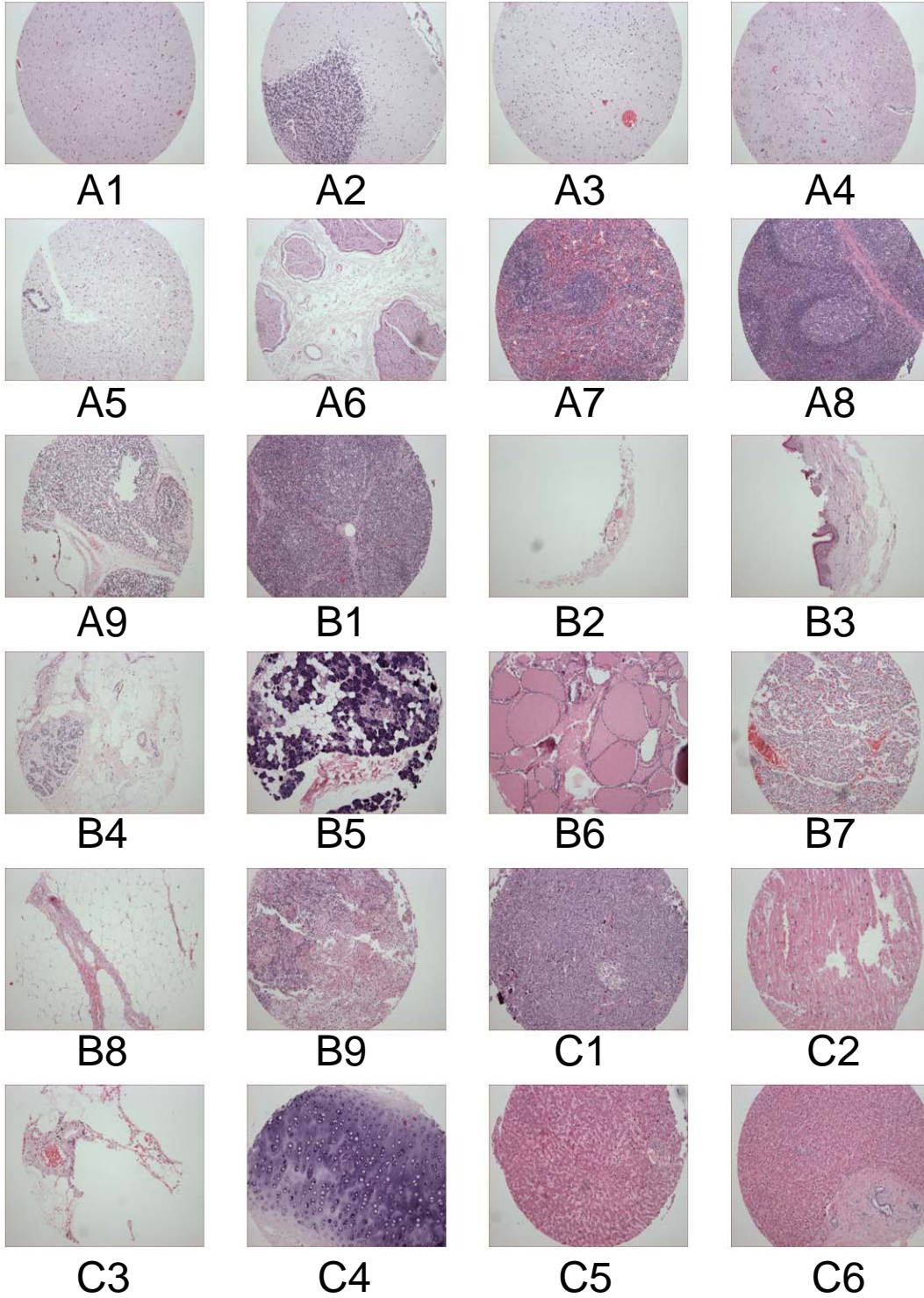
Summary of tissue spots

| No. | Coordinate | Sex | Age | Key Word | |
|-----|------------|-----|-----|----------|---------------------------|
| 1 | A | 1 | m | 52 | Brain: cerebral cortex |
| 2 | | 2 | m | 52 | Brain: cerebellum |
| 3 | | 3 | m | 52 | Brain: basal ganglia |
| 4 | | 4 | m | 52 | Brain: hippocampus |
| 5 | | 5 | m | 0 | Spinal cord |
| 6 | | 6 | f | 29 | Peripheral nerve |
| 7 | | 7 | f | 2 | Spleen |
| 8 | | 8 | m | 12 | Tonsil |
| 9 | | 9 | m | 0 | Spinal cord |
| 10 | B | 1 | m | 71 | Lymph node |
| 11 | | 2 | m | 30 | Blood vessel: endothelium |
| 12 | | 3 | m | 50 | Skin |
| 13 | | 4 | f | 41 | Breast |
| 14 | | 5 | m | 42 | Salivary gland |
| 15 | | 6 | f | 38 | Thyroid gland |
| 16 | | 7 | f | 29 | Parathyroid |
| 17 | | 8 | m | 80 | Adrenal fat |
| 18 | | 9 | m | 80 | Adrenal cortex |
| 19 | C | 1 | m | 52 | Pancreas |
| 20 | | 2 | m | 52 | Heart |
| 21 | | 3 | m | 82 | Lung |
| 22 | | 4 | f | 60 | Cartilage |
| 23 | | 5 | m | 66 | Liver |
| 24 | | 6 | f | 23 | Bile duct |
| 25 | | 7 | m | 69 | Gallbladder |
| 26 | | 8 | m | 80 | Kidney: cortex |
| 27 | | 9 | m | 80 | Kidney: medulla |
| 28 | D | 1 | m | 52 | Ureter |
| 29 | | 2 | m | 46 | Bladder |
| 30 | | 3 | m | 53 | Prostate |
| 31 | | 4 | m | 0 | Testis |
| 32 | | 5 | m | 0 | Epididymis |
| 33 | | 6 | f | 28 | Ovary |
| 34 | | 7 | f | 54 | Fiber blast |
| 35 | | 8 | f | 54 | Uterus: endocervix |
| 36 | | 9 | f | 41 | Uterus: pro-endometrium |

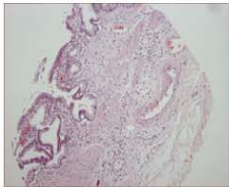
Summary of tissue spots

| No. | Coordinate | Sex | Age | Key Word | |
|-----|------------|-----|-----|----------|-------------------------|
| 37 | E | 1 | f | 43 | |
| 38 | | 2 | f | 43 | Uterus: myometrium |
| 39 | | 3 | f | 43 | Fallopian tube |
| 40 | | 4 | f | 33 | Placenta: amnio |
| 41 | | 5 | f | 33 | Placenta: chorion villi |
| 42 | | 6 | f | 33 | Placenta: basal plate |
| 43 | | 7 | f | 33 | Umbilical cord |
| 44 | | 8 | m | 60 | Esophagus |
| 45 | | 9 | f | 45 | Stomach: fundic gland |
| 46 | F | 1 | m | 56 | Stomach: pyloric gland |
| 47 | | 2 | f | 69 | Duodenum |
| 48 | | 3 | m | 72 | Jeuni |
| 49 | | 4 | m | 47 | Ileum |
| 50 | | 5 | f | 64 | Appendix |
| 51 | | 6 | m | 37 | Colon |
| 52 | | 7 | f | 31 | Rectum |
| 53 | | 8 | m | 77 | Cecum |
| 54 | | 9 | m | 0 | Skeletal muscle |

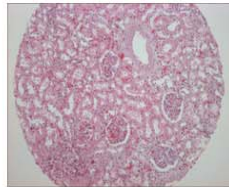
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Haematoxylin and Eosin staining-1



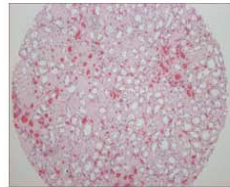
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Haematoxylin and Eosin staining-2



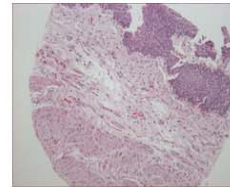
C7



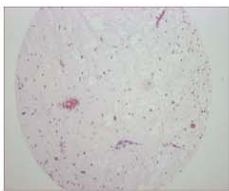
C8



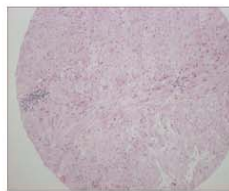
C9



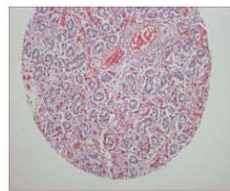
D1



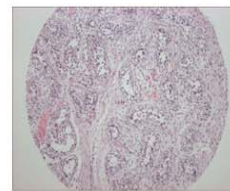
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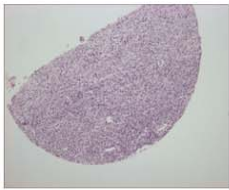
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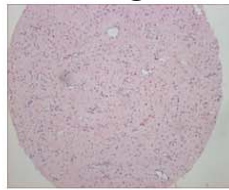
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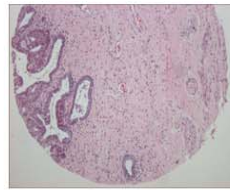
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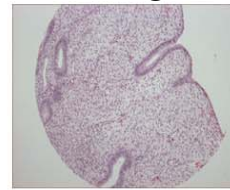
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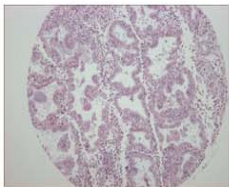
D7



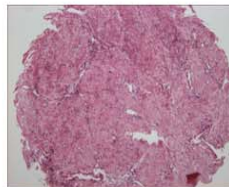
D8



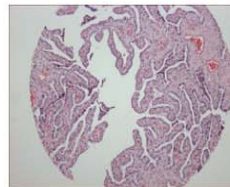
D9



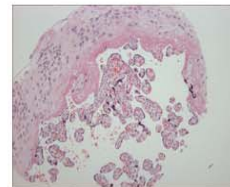
E1



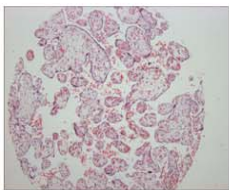
E2



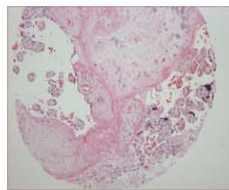
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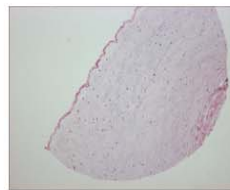
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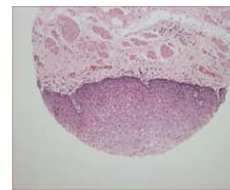
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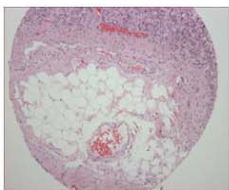
E6



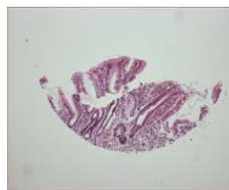
E7



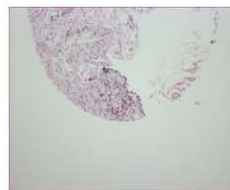
E8



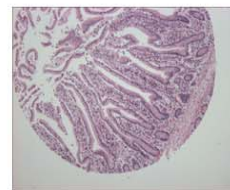
E9



F1



F2

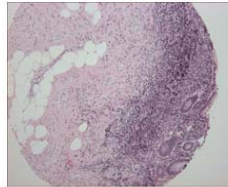


F3

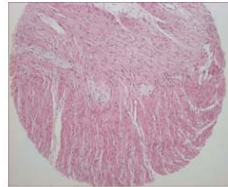
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Haematoxylin and Eosin staining-3



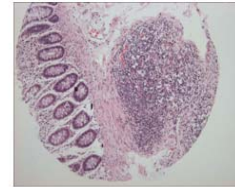
F4



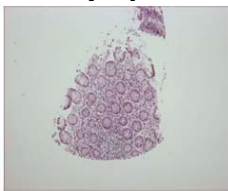
F5



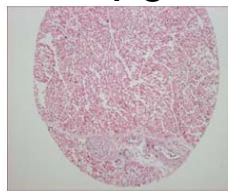
F6



F7



F8



F9

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|---------------------------|---|
| 1 | A | 1 | m | 52 | brain: cerebral cortex | Unknown, from autopsy |
| 2 | A | 2 | m | 52 | brain: cerebellum | Unknown, from autopsy |
| 3 | A | 3 | m | 52 | brain: basal ganglia | Unknown, from autopsy |
| 4 | A | 4 | m | 52 | brain: hippocampus | Unknown, from autopsy |
| 5 | A | 5 | m | 0 | spinal cord | Unknown, from autopsy |
| 6 | A | 6 | f | 29 | peripheral nerve | Pulmonary embolism |
| 7 | A | 7 | f | 2 | spleen | <p>1. Pancreas, distal pancreatectomy: thin walled unilocular cyst lined by acellular collagenous tissue and surrounding dysgenetic duct structures, highly suggestive of congenital (dysgenetic) cyst, see note</p> <p>2. Spleen, splenectomy: no pathological diagnosis</p> <p>3. Appendix, appendectomy: no pathological diagnosis</p> <p>* note: Generally, congenital cyst is lined by small non mucin producing cuboidal cells with a fibrous wall. In this case, there is no lining epithelium which is important to make a diagnosis. However, the possibility of congenital (dysgeneti) cyst is highly suggested in consideration of patient's age,histology of surrounding pancreatic tissue and gross finding.</p> |
| 8 | A | 8 | m | 12 | tonsil | <p>1. Skin, preauricular area, excision: consistent with first branchial cleft anomaly, type II</p> <p>2. Tonsils, bilateral, tonsillectomy: chronic follicular tonsillitis</p> |
| 9 | A | 9 | m | 0 | spinal cord | Unknown, from autopsy |
| 10 | B | 1 | m | 71 | lymph node | <p>1. Pancreas, common biled uct, duodenum, gallbladder with cystic duct, total pancreatectomy: chronic pancreatitis with parenchymal atrophy and prominent stromal fibrosis</p> <p>2. Common bile duct: chronic inflammation with focal papillary epithelial hyperplasia 1) regional lymph nodes, peripancreatic and pericoli and mesenteric: reactive hyperplasia</p> <p>3. Gallbladder with cytic duct: chronic cholecystitis</p> <p>4. Spleen, splenectomy: congestion</p> |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|------------------------------|---|
| 11 | B | 2 | m | 30 | blood vessel: endothelium | 1. Skin, scalp, excision: invasive squamous cell carcinoma, 1) well-differentiated with 2) extension to the subcutaneous fat tissue (invasion depth: about 3 cm) 3) resection margins, all circumference and base: free of tumor 4) lymph nodes, level 2a (0/36), level 2b (0/11), level III (0/25), level IV (0/13) and level V (0/11) : (0/96): free of tumor |
| 12 | B | 3 | m | 50 | skin | Skin, lower back, wide excision: dermatofibrosarcoma protuberans resection margin: free of tumor |
| 13 | B | 4 | f | 41 | breast | Breast, right, mastectomy: 1) fibrocystic change with foci of adenosis, columnar cell change and papillomatosis 2) no residual ductal carcinoma in situ 3) nipple and areoila: free of tumor 4) overlying skin: free of tumor 5) underlying fascia: free of tumor 6) regional lymph node, axillary (0/8): free of tumor |
| 14 | B | 5 | m | 42 | salivary gland | 1. Salivary gland, parotid, parotidectomy: pleomorphic adenoma |
| 15 | B | 6 | f | 38 | thyroid gland | Thyroid gland, thyroidectomy: adenomatous hyperplasia |
| 16 | B | 7 | f | 29 | parathyroid | Pulmonary embolism |
| 17 | B | 8 | m | 80 | adrenal fat | 1. Ureter with kidney, left, nephroureterectomy: 1) papillary urothelial carcinoma, low grade (transitional cell carcinoma, grade 2), without stromal invasion 2) multifocal urothelial dysplasia involving renal pelvis and ureter 3) chronic pyelonephritis, mild 4) resection margins, bladder and blood vessels: free of tumor 2. Adrenal gland: free of tumor |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|----------------|---|
| 18 | B | 9 | m | 80 | adrenal cortex | 1. Ureter with kidney, left, nephroureterectomy: 1) papillary urothelial carcinoma, low grade (transitional cell carcinoma, grade 2), without stromal invasion 2) multifocal urothelial dysplasia involving renal pelvis and ureter 3) chronic pyelonephritis, mild 4) resection margins, bladder and blood vessels: free of tumor 2. Adrenal gland: free of tumor |
| 19 | C | 1 | m | 52 | pancreas | Unknown, from autopsy |
| 20 | C | 2 | m | 52 | heart | Unknown |
| 21 | C | 3 | m | 82 | lung | Lung, left lower lobe, lobectomy: 1) squamous cell carcinoma, moderately differentiated, - size: 6.5x4.5 cm - confined within the lung parenchyme - presence of tumor emboli 2) surrounding lung - emphysema - pulmonary hypertension - bronchiolitis with obstructive pneumonia - focal septal thickening with fibrosis - anthracotic macules and nodules 3) bronchial resection margin: free of tumor 4) regional lymph nodes: free of tumor in all nodes (0/35), in detail, peribronchial (0/5), IPL (0/1), subcarinal (0/10), right hilar (0/5), A-P window (0/9), left hilar (0/5) |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|-----------|---|
| 22 | C | 4 | f | 60 | cartilage | <p>Lung, right upper lobe, lobectomy:</p> <ol style="list-style-type: none"> 1) adenocarcinoma, acinar type, poorly differentiated <ul style="list-style-type: none"> - subpleural location - size (3.7x3.5 cm) - visceral pleura involvement (T2) 2) resection margin, bronchial: free of tumor 3) regional lymph nodes: tumor metastasis to 3 out of 26 (3/2), in detail, hilar (0/2), upper paratracheal (0/1), subcarinal (0/5), pretracheal (1/4), prebronchial(0/4), lower paratracheal (2/10) |
| 23 | C | 5 | m | 66 | liver | <ol style="list-style-type: none"> 1. Liver, right lobe, lobectomy: <ul style="list-style-type: none"> cholangiocarcinoma, moderately differentiated, peripheral type 1) size: 11.5x9.5x7.0 cm 2) expanding growth and extensive necrosis 3) penetration of hepatic capsule and invasion to soft tissue adjacent to diaphragm 4) vascular invasion (but not portal vein) 5) intrahepatic metastasis 6) intact intrahepatic resection margin and diaphragm 7) nonneoplastic liver showing reactive hepatitis 2. Gallbladder, cholecystectomy: free from tumor extension |
| 24 | C | 6 | f | 23 | bile duct | <p>Liver, segment III, segmentectomy:</p> <ol style="list-style-type: none"> 1) hepatocellular (liver cell) adenoma with multifocal fatty change and mild congestion, completely resected 2) non-neoplastic liver showing reactive hepatitis with portal fibrosis |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|--------------------|---|
| 25 | C | 7 | m | 69 | gallbladder | <p>1. Liver, VII segment, segmentectomy: hepatocellular carcinoma, with</p> <ol style="list-style-type: none"> 1) size: 5x4.5x4.5 cm 2) Edmondson grade I to II 3) single nodular type with expanding growth 4) no necrosis (less than 5% of total volume) 5) microvessel invasion 6) intact resection margin (safety margin: less than 0. 2 cm) 7) non-neoplastic liver showing chronic hepatitis, B-viral, with mild inflammatory activity (grade II) and cirrhosis (stage IV) <p>2. Gallbladder, cholecystectomy: free from tumor extension</p> |
| 26 | C | 8 | m | 80 | kidney: Cortex | <p>1. Ureter with kidney, left, nephroureterectomy:</p> <ol style="list-style-type: none"> 1) papillary urothelial carcinoma, low grade (transitional cell carcinoma, grade 2), without stromal invasion 2) multifocal urothelial dysplasia involving renal pelvis and ureter 3) chronic pyelonephritis, mild 4) resection margins, bladder and blood vessels: free of tumor <p>2. Adrenal gland: free of tumor</p> |
| 27 | C | 9 | m | 80 | kidney: medulla | <p>1. Ureter with kidney, left, nephroureterectomy:</p> <ol style="list-style-type: none"> 1) papillary urothelial carcinoma, low grade (transitional cell carcinoma, grade 2), without stromal invasion 2) multifocal urothelial dysplasia involving renal pelvis and ureter 3) chronic pyelonephritis, mild 4) resection margins, bladder and blood vessels: free of tumor <p>2. Adrenal gland: free of tumor</p> |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|------------|--|
| 28 | D | 1 | m | 52 | ureter | <p>1. Kidney, right, nephrectomy: renal cell carcinoma, conventional type, with</p> <ol style="list-style-type: none"> 1) Fuhrman's nuclear grade: 3 2) limited within renal capsule 3) no vascular invasion 4) no pelvis invasion 5) resection margins, ureter and renal vessels: free of tumor <p>2. Adrenal gland: free of tumor</p> <p>3. Lymph nodes, aortocaval (0/3): free of tumor metastasis in all 3 nodes</p> |
| 29 | D | 2 | m | 46 | bladder | <p>1. Urinary bladder including prostate, seminal vesicle and ureter, radical cystectomy: papillary urothelial carcinoma, high grade, with</p> <ol style="list-style-type: none"> 1) squamous differentiation 2) various pathologic state including 3) low grade papillary urothelial carcinoma 4) urothelial tumor of low malignant potential 5) carcinoma in situ and papilloma 6) extension to the perivesical soft tissue and prostate 7) extensive lymphatic 8) venous and perineural invasion, incompletely excised. <p>2. Seminal vesicle: free of tumor.</p> <p>3. Ureters, bilateral, resection margins: free of tumor.</p> |
| 30 | D | 3 | m | 53 | prostate | <p>1. Prostate, prostatectomy: Adenocarcinoma (Gleason's score: 3+4:7)</p> <ol style="list-style-type: none"> 1) involving both lobes of peripheral and transitional zone without extracapsular extension (T2c by TNM stage and B2 by American staging system) 2) extensive perineural invasion 3) lymph nodes, external iliac, right (0/3) and left (0/5): Free of tumor metastasis in all 8 nodes. |
| 31 | D | 4 | m | 0 | testis | Unknown, from autopsy |
| 32 | D | 5 | m | 0 | epididymis | Unknown, from autopsy |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|--------------------------------|--|
| 33 | D | 6 | f | 28 | ovary | <p>1. Ovary and fallopian tube, left, salpingoophorectomy:mucinous cystadenocarcinoma confined within the capsule.</p> <p>2. Fallopian tube: free of tumor.</p> <p>3. Ovary, right, partial oophorectomy: Mesothelial hyperplasia without tumor.</p> <p>4. Soft tissue, right and left, paracolic gutter, right retroperitoneum: chronic nonspecific inflammation without tumor.</p> <p>5. Omentum, partial omentectomy: Chroni nonspecific inflammation with mesothelial hyperplasia.</p> |
| 34 | D | 7 | f | 54 | fiber blast | <p>Uterus with both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <p>1) cervix: chronic nonspecific inflammation</p> <p>2) endometrium: proliferative phase</p> <p>3) myometrium: leiomyoma, intramural</p> <p>4) ovaries, both: corpus luteal cyst</p> <p>5) fallopian tubes, both: no pathological diagnosis.</p> |
| 35 | D | 8 | f | 54 | uterus: endocervix | <p>Uterus with both adnexae, total abdominal hysterectomy with bilateral salpingoophorectomy:</p> <p>1) cervix: chronic nonspecific inflammation</p> <p>2) endometrium: proliferative phase</p> <p>3) myometrium: leiomyoma, intramural</p> <p>4) ovaries, both: corpus luteal cyst</p> <p>5) fallopian tubes, both: no pathological diagnosis.</p> |
| 36 | D | 9 | f | 41 | uterus: pro- endometrium | <p>Uterus, total abdominal hysterectomy:</p> <p>1) cervix: low grade squamous intraepithelial lesion(CIN I)</p> <p>2) endometrium: proliferative phase</p> <p>3) myometrium : intravenous leiomyoma, cellular.</p> |
| 37 | E | 1 | f | 43 | | <p>Uterus, total abdominal hysterectomy:</p> <p>1) cervix: erosion with chronic nonspecific inflammation and squamous metaplasia</p> <p>2) endometrium: late secretory phase</p> <p>3) myometrium : - adenomyosis - leiomyomas, intramural.</p> |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|----------------------------|---|
| 38 | E | 2 | f | 43 | uterus: myometrium | Uterus with right adnexa, total abdominal hysterectomy with right salpingoophorectomy: 1) cervix: endocervical polyp 2) endometrium: secretory phase 3) myometrium: leiomyomas 4) ovary: no pathological diagnosis 5) fallopian tube: no pathological diagnosis. |
| 39 | E | 3 | f | 43 | fallopian tube | Uterus with right adnexa, total abdominal hysterectomy with right salpingoophorectomy: 1) cervix: endocervical polyp 2) endometrium: secretory phase 3) myometrium: leiomyomas 4) ovary: no pathological diagnosis 5) fallopian tube: no pathological diagnosis. |
| 40 | E | 4 | f | 33 | placenta: amnio | 1. Placenta, delivery: meconium staining. 2. Umbilical cord: nNo pathological diagnosis. |
| 41 | E | 5 | f | 33 | placenta: chorion villi | 1. Placenta, delivery: meconium staining. 2. Umbilical cord: no pathological diagnosis. |
| 42 | E | 6 | f | 33 | placenta: basal plate | 1. Placenta, delivery: meconium staining. 2. Umbilical cord: no pathological diagnosis. |
| 43 | E | 7 | f | 33 | umbilical cord | 1. Placenta, delivery: meconium staining. 2. Umbilical cord: no pathological diagnosis. |
| 44 | E | 8 | m | 60 | esophagus | Esophagus, esophagectomy: 1) fungating squamous cell carcinoma, well differentiated, with - extension to the outer 1/3 of lamina propria - no lymphovascular permeation 2) resection margins, proximal and distal: free of tumor 3) regional lymph nodes: free of tumor (0/1). |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|---------------------------|--|
| 45 | E | 9 | f | 45 | stomach: fundic gland | <p>Stomach, radical subtotal gastrectomy:</p> <ol style="list-style-type: none"> 1) chronic gastritis with multiple polypoid hyperplasia composed of foveolar epithelium(resulting in hyperplastic polyp), pyloric gland and smooth muscle fibers, submucosal aggregates of foamy histocytes, focal dystrophic calcification, regenerative change following mucosal injury probably induced by anticancer agent 2) gastritis cystica profunda 3) no residual lymphoma 4) lymph nodes, regional (0/33): free of tumor. |
| 46 | F | 1 | m | 56 | stomach: pyloric gland | <ol style="list-style-type: none"> 1. Stomach, radical total gastrectomy: adenocarcinoma, poorly differentiated <ol style="list-style-type: none"> 1) diffuse infiltrative type 2) extension to serosa and perigastric fat tissue 3) diffuse type by Lauren's classification and infiltrative type by Ming's classification 4) occasional lymphovascular permeation 5) frequent perineural invasion 6) resection margin, proximal: very close to tumor(1.5mm) 7) resection margin, distal: free of tumor 8) regional lymph node, No.1 (0/5), No.2 (2/2), No.3 (3/9), No.4 (7/16), No.5 (5/6), No.6 (0/7), No.8 (0/2), No.10 (1/4), mesenteric (0/1):(18/52): metastatic adenocarcinoma in 18 out of 52 nodes. 2. Spleen, splenectomy: congestion. |
| 47 | F | 2 | f | 69 | duodenum | <ol style="list-style-type: none"> 1. Stomach with omentum, subtotal gastrectomy: ulcerative adenocarcinoma(Borrmann type II), moderate differentiated in antrum and pylorus with <ol style="list-style-type: none"> 1) size: 3.8x3.5cm 2) gastric type(by Japanese classification) and expanding growth(by Ming classification) 3) extension to serosa and perigastric soft tissue 4) vascular invasion 5) intact proximal and distal resection margin 6) no metastasis to omental lymph nodes (0/24: No.3 (0/5), No.4 (0/10), No.8 (0/9)). 2. Cystic structure, liver, resection: solitary unilocular cyst. |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|----------|---|
| 48 | F | 3 | m | 72 | jeuni | <p>1. Stomach, remnant gastrectomy, segmental resection of jejunum and splenectomy: tubular adenocarcinoma, poorly differentiated, diffusely infiltrative, with extension to the serosal surface, arising from remnant stomach.</p> <p>1) resection margins, esophageal and intestinal: free of tumor</p> <p>2) lymph nodes, omental (3/7) and mesenteric (0/3): metastasis in 3 out of 10 nodes.</p> <p>2. Spleen: no pathological diagnosis.</p> |
| 49 | F | 4 | m | 47 | ileum | <p>1. Small intestine, segmental resection: gastrointestinal stromal tumor,</p> <p>1) uncertain malignant potential (borderline malignancy)</p> <p>2) resection margins, proximal and distal: Free from tumor extension.</p> <p>*Note: Result of immunohistochemical staining: c-kit and S-100 protein: (+), SMA: (-)</p> |
| 50 | F | 5 | f | 64 | appendix | <p>1. Total colorectum and terminal ileum, total colectomy: fungating adenocarcinoma, moderately differentiated, arising from adenomatous polyp with</p> <p>1) size: 3.5x3cm</p> <p>2) expanding growth</p> <p>3) involving submucosal space and extending to proper muscle layer</p> <p>4) intact proximal and distal resection margins</p> <p>5) no metastasis to regional pericolic lymph nodes (0/72) and principal lymph node(0/0)</p> <p>6) non-neoplastic mucosa showing multiple (about 30) adenomatous polyp including tubular and tubulovillous adenomas with low to high grade dysplasia.</p> <p>2. Appendix, appendectomy, separately submitted: free from tumor extension.</p> |
| 51 | F | 6 | m | 37 | colon | <p>1. Ascending colon, right hemicolectomy: adenocarcinoma, moderately differentiated with</p> <p>1) mucin pool formation (about 30% of tumor)</p> <p>2) fungating type and extension to the pericolic fat tissue</p> <p>3) resection margins, proximal and distal: free of tumor</p> <p>4) lymph nodes, regional(4/31):</p> <p>5) tumor metastasis to 4 out of 31 lymph nodes.</p> <p>2. Appendix: free of tumor.</p> |

A101: Normal tissues, single spot

| No. | Coordinate | | Sex | Age | Key Word | Histological Diagonosis |
|-----|------------|---|-----|-----|-----------------|---|
| 52 | F | 7 | f | 31 | rectum | <p>Rectum with perirectal soft tissue, low anterior resection: ulceroinfiltrative adenocarcinoma, moderately differentiated with</p> <ol style="list-style-type: none"> 1) size: 4x3cm 2) infiltrative growth 3) penetration of proper muscle layer and extension to perirectal fatty tissue 4) vascular invasion 5) intact proximal, distal and lateral resection margins 6) intact vagina from the tumor 7) metastasis to 6 out of 12 regional lymph nodes (perirectal (6/12) and principal (0/0)). |
| 53 | F | 8 | m | 77 | cecum | <ol style="list-style-type: none"> 1. Cecum and ascending colon, right hemicolectomy: <ol style="list-style-type: none"> 1) adenocarcinoma, moderately differentiated with mucin pool formation and extension to the pericolic fat tissue 2) extension into the terminal ileum and focal lymphovascular permeation of carcinoma 3) tubular adenomas, multiple 4) resection margins, proximal and distal: free of tumor 5) lymph nodes, mesentery (0/13): free of tumor. 2. Appendix: no pathological diagnosis. |
| 54 | F | 9 | m | 0 | skeletal muscle | Unknown, from autopsy |