# PI INSTRUCTIONS

# This system has been designed to receive your tissue requests and guide you through the applicable processes for your specific needs. All tissue utilization requests submitted to the Case CCC must through the Tissue Research Review Committee (TRRC) subcommittee of the Protocol Review and Monitoring Committee.

Please note that submission to the PRMC and approval will not automatically trigger the IRB submission once the trial is approved. The committees are separate and independent entities with different submission procedures. Contact your institution IRB for more information.

Please attach your CREC certification for human subjects (CITI) to the application. Approval will not be granted until proof of certification is provided.

Email submission of documents is preferred. Telephone: 216-368-1819, email: [April.Firstencel@case.edu](mailto:April.Firstencel@case.edu).

# If you have questions regarding the review process of the TRRC, please contact Kristin Waite: [Kristin.waite@case.edu](mailto:Kristin.waite@case.edu) Telephone: 216-368-1679.

**ONCORE:**

The OnCore Clinical Trials Management System (OnCore) is the official database of the Case CCC. It is used for all clinical research (including tissue research) and for various reporting requirements mandated by the NCI/FDA. Per the letter of commitment below, the PI and study team are required to be trained to use and to update OnCore in real time. Contact [April.Firstencel@case.edu](mailto:April.Firstencel@case.edu) or 216-368-1819.

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**GENERAL INFORMATION (Questions #1 – #11)**

1. Study Title:

1.1 Short Title (3 keywords):

2. Protocol version date at time of PRMC submission (insert application date):

3. Principal Investigator (name, department, telephone, email):

*(Fellows and residents must name a Case CCC member as a co-investigator)*

4. Co-Principal Investigator for joint Case CCC studies (name, department, telephone, email):

5. List all co-investigators (name, institution, department, telephone, email):

6. Please name an investigator who has reviewed and contributed to the statistical section (name, telephone, email). Could be PI:

7. Please name a pathologist (required if requesting clinical paraffin blocks):

7.1 If no pathologist is listed, please justify:

7.2 If requesting use of a TMA, please have a pathologist complete the following and attach visual documentation validating antibodies to be utilized:   I \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ attest that I have visualized the following antibodies on human tissue slides \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and attest to their validity for use on a TMA.

8. Person responsible for managing the regulatory duties (i.e. local IRB submission):

Name:

Department:

Telephone:

Email:

9. Source of financial support for research:

Funding Source #1:

|  |  |
| --- | --- |
| Grant Title: | Grant #: |
| Sponsor: | Other: |
| Grant Start Date: | Grant End Date: |

Funding Source #1:

|  |  |
| --- | --- |
| Grant Title: | Grant #: |
| Sponsor: | Other: |
| Grant Start Date: | Grant End Date: |

9.1 If currently unfunded, please list source of support for this project (e.g. departmental, discretionary, etc.)

10. Estimated completion date for primary objective:

Estimated study completion date:

**Continue Below for PI Letter of Commitment**

# Letter of Commitment for tissue research

As **Principal Investigator (PI)** of the following study:

PROTOCOL NUMBER/TITLE:

I agree:

1. To not transfer any biospecimens or products thereof outside of the Case CCC consortium institutions (Case Western Reserve University, University Hospitals Cleveland Medical Center, Cleveland Clinic or their satellites) obtained under this study unless I have IRB approval allowing for the transfer of material. (Required for all requests)
2. That if I obtain a deidentified/safe harbor or limited data that I will make no attempt to learn the identity of the subject through genetic sequencing or any other method yielding patient identifiable characteristics.
3. To obtain appropriate IRB review for research in which I will use patient samples or clinical information, which either utilizes PHI after informed consent, requests patient specific additional information from the patient, involves re-contacting patients, or any other direct or indirect intervention with the patient. (required for de-identified/safe harbor and limited data sets)
4. To have myself and study staff be trained to use the OnCore Clinical Trials Management System database (contact April Firstencel at 216-368-1819 / [April.Firstencel@case.edu](mailto:April.Firstencel@case.edu) for more information). Data elements include but will not be limited to:
   1. Real time status reporting.
   2. Real time accrual reporting.
   3. IRB reviews (initial, continuing, amendments, etc.)
   4. Uploading the documents
5. Report amendments to the PRMC for approval. Criteria below:
   1. Requiring submission: protocol revisions in: objectives or endpoints, biostatistics, sample collection, treatment/dosing revisions to eligibility.
   2. Not requiring submission: CTEP approved protocols, consent form, and administrative revisions.
6. My department is aware and has provided advocacy for this study/project.
7. I have read and accept all terms listed in the PI Policy Memo posted on the PRMC website under “Documents”.

The name of the individual(s) responsible for maintaining the OnCore database:

Name:

Telephone #:       Email Address:

PI Name:       PI Signature: Date:

Please email the signed copy of this sheet to [april.firstencel@case.edu](mailto:david.goldblatt@case.edu)

**Continue below to complete detailed research plan / protocol:**

**RESEARCH PLAN / PROTOCOL**

1. Description of scientific research requiring specimen samples

Description of Research: Please provide a summary that addresses the following: 1) Potential scientific impact of the research, 2) fit with global plans of the Cancer Center (prevention, epidemiologic risk assessment, diagnosis, treatment of cancer), 3) collaborations. Please include biostatistical evidence for sample numbers. Please limit to 2-3 pages, a 2-3-page description from a grant application can be utilized, if available.

Specific Tissue Needs:

(Copy and paste from your grant application if you already have one.)

Scientific Hypothesis/Purpose (Purpose of study, study aims, goals and hypothesis):

(Copy and paste from your grant application if you already have one.)

Brief Methods (Brief Study Procedures):

(Copy and paste from your grant application if you already have one.)

Data Analysis Plan (Statistics for sample size/power calculations or summary statistics for generation of preliminary data, or description of how analysis will be executed):

(Copy and paste from your grant application if you already have one.)

Expected Outcomes:

(Copy and paste from your grant application if you already have one.)

2. Data and Sample Security

(Form Field Will Expand)

**REQUESTED INFORMATION: BIOSPECIMEN**

3. Donor Demographics:

Gender

Any

Male

Female

Race

Any

American Indian or Alaskan Native

Asian

Black or African American

Native Hawaiian or Other Pacific Islander

White

Ethnicity

Any

Hispanic or Latino

Non-Hispanic

Age

Pediatric Age Range :      ; Number of Samples:

Adult Age Range :      ; Number of Samples:

4. Will you accept tissue from patients previously treated with: (please check all that apply)

Radiation

Chemotherapy

Only if non-treated samples are not available

5. Request Information: Biospecimen Source and Type (In cases of limited sample size, please indicate the priority of each preparation type requested (i.e. 1st priority, 2nd priority, etc))

Biospecimen Source

Surgical pathology (paraffin, archive)

Biorepository (BTPC)

Prospective collection (TPHC, HTPF)

All of the above

Primary Organ Site:

See Appendix "A" Below for List

Diagnosis Type:

See Appendix "B" Below for List

Tissue Type

Malignant Neoplasm

Benign Neoplasm

Normal Biospecimen

Non-Neoplastic Disease

Fluid/Cell Biospecimen

Preparation Type

Fresh Prep Type

Frozen Prep Type

Fixed Prep Type

Slide

Procedure Type

Surgery  Post Excision Time  Time not applicable

Autopsy  Post Mortem Time  Time not applicable

Phlebotomy  Post Phlebotomy Time  Time not applicable

6. Specific tissue acquisition requirements (ex.: sequential samples, different preparations for each tissue type required, molecular requirements).

RNA preparation

(Form Field Will Expand)

DNA preparation:

(Form Field Will Expand)

Other (ex: sequential samples, different preparations for each tissue type):

(Form Field Will Expand)

Contact for special processing:

(Form Field Will Expand)

Any other requirements, please specify:

(Form Field Will Expand)

**REQUESTED DATASETS**

7. The honest broker system will assist researchers in tissue-based research that may utilize protected health information (PHI). Under this system, researchers will be able to have access to time intervals, date intervals and extensive medical outcome information, which can be disseminated via the honest broker. Some research will require PHI, do you require any of the following PHI elements?

(*Name; Telephone Number; Fax Number; Electronic Mail Address; Social Security Numbers; Medical Record Numbers; Health plan beneficiary numbers; Account numbers; Certificate/license numbers; Vehicle identifiers, serial numbers, including license plate numbers; Device identifiers and serial numbers; Web Universal Resource Locators (URL's); Internet Protocol (IP) address numbers; Biometric identifiers, including finger and voice prints; Full face photographic and any comparable imagers; Any other unique identifying number, characteristic, or code; Date of admission; Date of discharge; Date of birth; Date of death; Age (in year, months, days); City; State; Zip Code)*

Yes

No

8. Data acquisition/chart review requirements (please indicate all data elements required for the project)

(Form Field Will Expand)

APPENDIX A - **Primary Organ Site**

|  |  |  |  |
| --- | --- | --- | --- |
| Abdominal wall, NOS | Adipose tissue | Adnexal structure, NOS | Adrenal gland, NOS |
| Ampulla of Vater | Anus, NOS | Any biospecimen | Aorta, NOS |
| Appendix, NOS | Artery, NOS | Bile duct, extrahepatic, NOS | Bile duct, NOS |
| Blood, NOS | Body Fluid | Bone marrow, NOS | Bone matrix |
| Bony tissue, NOS | Brain, NOS | Breast, left, NOS | Breast, NOS |
| Breast, right, NOS | Bronchus, NOS | Brown fat | Buccal mucosa, NOS |
| Carotid artery, NOS | Cartilage, NOS | Cecum, NOS | Chest wall, NOS |
| Colon, NOS | Coronary artery, NOS | Epididymis, NOS | Epiglottis, NOS |
| Esophagus, NOS | Ethmoid sinus, NOS | Eye, NOS | Eyelid, NOS |
| Fallopian tube, NOS | Gallbladder, NOS | Gastrointestinal tract, NOS | Heart, NOS |
| Hematopoietic/Reticuloendothelial | Joint of foot, NOS | Joint of hand, NOS | Joint of lower extremity, NOS |
| Joint of lumbar vertebra, NOS | Joint of thoracic vertebra, NOS | Joint of upper extremity, NOS | Joint of vertebral column, NOS |
| Joint of wrist, NOS | Kidney, NOS | Lacrimal gland, NOS | Large intestine, NOS |
| Larynx, NOS | Lip, NOS | Liver, NOS | Lung, left, NOS |
| Lung, NOS | Lung, right, NOS | Lymph node, NOS | Maxillary sinus, NOS |
| Meninges, NOS | Muscle of abdomen, NOS | Muscle of back, NOS | Muscle of leg, NOS |
| Muscle of lower back, NOS | Muscle of neck, NOS | Muscle of perineum, NOS | Muscle of thigh, NOS |
| Muscle of thorax, NOS | Muscle of trunk, NOS | Muscle of upper back, NOS | Muscle of upper extremity, NOS |
| Musculoskeletal system, NOS | Nasopharynx, NOS | Nerve, NOS | Neuroendocrine tissue, NOS |
| Nose, NOS | Omentum, NOS | Oral cavity, NOS | Ovary, NOS |
| Pancreas, NOS | Parathyroid gland, NOS | Parotid gland, NOS | Penis, NOS |
| Pericardium, NOS | Peripheral nervous system | Peritoneum, NOS | Pineal body |
| Pituitary gland, NOS | Placenta, NOS | Plasma | Prostate, NOS |
| Rectum, NOS | Salivary gland, NOS | Scalp | Seminal vesicle, NOS |
| Serum | Skin of abdomen, NOS | Skin of breast, NOS | Skin of foreskin, NOS |
| Skin of leg, NOS | Skin, NOS | Small intestine, NOS | Soft tissues, NOS |
| Spermatic cord, NOS | Spinal cord, NOS | Spleen, NOS | Stomach, NOS |
| Synovial tissue of joint, NOS | Tendon, NOS | Testis, NOS | Thorax, NOS |
| Thymus, NOS | Thyroid gland, NOS | Tongue, NOS | Tonsil, NOS |
| Tooth, gum and supporting structures, NOS | Topography not applicable | Topography not assigned | Topography unknown |
| Trachea, NOS | Umbilical cord, NOS | Unknown body region, NOS | Ureter, NOS |
| Urinary bladder, NOS | Urine | Uterine cervix, NOS | Uterus, NOS |
| Vagina, NOS | Vein, NOS | Vocal cord, NOS | Vulva, NOS |

**APPENDIX B - Diagnosis Type**

|  |  |  |  |
| --- | --- | --- | --- |
| Abdominal fibromatosis | Abscess | Acidophil adenoma | Acidophil carcinoma |
| Acinar cell adenoma | Acinar cell carcinoma | Acinar cell tumor | Acral lentiginous melanoma, malignant |
| Acute erythremia | Acute leukemia, NOS | Acute lymphoblastic leukemia, NOS | Acute megakaryoblastic leukemia |
| Acute monocytic leukemia | Acute myelofibrosis | Acute myeloid leukemia | Acute myelomonocytic leukemia |
| Acute panmyelosis | Acute promyelocytic leukemia | Adamantinoma of long bones | Adenocarcinoid tumor |
| Adenocarcinoma in adenomatous polyp | Adenocarcinoma in adenomatous polyposis coli | Adenocarcinoma in multiple adenomatous polyps | Adenocarcinoma in situ in adenomatous polyp |
| Adenocarcinoma in situ in tubulovillous adenoma | Adenocarcinoma in situ in villous adenoma | Adenocarcinoma in situ, NOS | Adenocarcinoma in tubulovillous adenoma |
| Adenocarcinoma in villous adenoma | Adenocarcinoma with apocrine metaplasia | Adenocarcinoma with cartilaginous and osseous metaplasia | Adenocarcinoma with spindle cell metaplasia |
| Adenocarcinoma with squamous metaplasia | Adenocarcinoma, intestinal type | Adenocarcinoma, metastatic, NOS | Adenocarcinoma, NOS |
| Adenofibroma, NOS | Adenoid cystic carcinoma | Adenoid squamous cell carcinoma | Adenolymphoma |
| Adenoma of the nipple | Adenoma, NOS | Adenomatoid odontogenic tumor | Adenomatoid tumor, NOS |
| Adenomatous polyp, NOS | Adenomatous polyposis coli | Adenomyoma | Adenosarcoma |
| Adrenal cortical adenoma, clear cell | Adrenal cortical adenoma, compact cell | Adrenal cortical adenoma, glomerulosa cell | Adrenal cortical adenoma, heavily pigmented variant |
| Adrenal cortical adenoma, mixed cell | Adrenal cortical adenoma, NOS | Adrenal cortical carcinoma | Adrenal rest tumor |
| Adult rhabdomyoma | Adult T-cell leukemia/lymphoma | Aggressive fibromatosis | Aggressive osteoblastoma |
| Aleukemic leukemia, NOS | Aleukemic lymphoid leukemia | Aleukemic monocytic leukemia | Aleukemic myeloid leukemia |
| Alpha heavy chain disease | Alveolar adenocarcinoma | Alveolar adenoma | Alveolar rhabdomyosarcoma |
| Alveolar soft part sarcoma | Alzheimer's disease | Amelanotic melanoma | Ameloblastic fibro-odontoma |
| Ameloblastic fibroma | Ameloblastic fibrosarcoma | Ameloblastic odontosarcoma | Ameloblastoma, malignant |
| Ameloblastoma, NOS | Androblastoma, benign | Androblastoma, malignant | Androblastoma, NOS |
| Angiocentric immunoproliferative lesion | Angiocentric T-cell lymphoma | Angioendotheliomatosis | Angiofibroma, NOS |
| Angioimmunoblastic lymphadenopathy | Angiokeratoma | Angiolipoma, NOS | Angiolymphoid hyperplasia |
| Angiomatous meningioma | Angiomyolipoma | Angiomyoma | Angiomyosarcoma |
| Angiomyxoma | Angiosarcoma | Aortic body tumor | Apocrine adenocarcinoma |
| Apocrine adenoma | Apudoma | Astroblastoma | Astrocytoma, anaplastic |
| Astrocytoma, NOS | Atypical fibrous histiocytoma | Balloon cell melanoma | Balloon cell nevus |
| Basal cell adenocarcinoma | Basal cell adenoma | Basal cell carcinoma, fibroepithelial | Basal cell carcinoma, morphea |
| Basal cell carcinoma, NOS | Basal cell tumor | Basaloid carcinoma | Basophil adenoma |
| Basophil carcinoma | Basophilic leukemia | Basosquamous carcinoma | Benign prostatic hyperplasia |
| Bile duct adenoma | Bile duct cystadenocarcinoma | Bile duct cystadenoma | Bizarre leiomyoma |
| Blue nevus, malignant | Blue nevus, NOS | Bowen's disease | Brenner tumor, borderline malignancy |
| Brenner tumor, malignant | Brenner tumor, NOS | Bronchial adenoma, NOS | Bronchiolo-alveolar adenocarcinoma |
| Burkitt's cell leukemia | Burkitt's lymphoma, NOS | Calcifying epithelial odontogenic tumor | Calcifying odontogenic cyst |
| Capillary hemangioma | Capillary lymphangioma | Carcinoid tumor, argentaffin, malignant | Carcinoid tumor, argentaffin, NOS |
| Carcinoid tumor, NOS (except of Appendix, M-82401) | Carcinoid tumor, NOS, of appendix | Carcinoma in pleomorphic adenoma | Carcinoma in situ, NOS |
| Carcinoma simplex | Carcinoma, anaplastic, NOS | Carcinoma, diffuse type | Carcinoma, metastatic, NOS |
| Carcinoma, NOS | Carcinoma, undifferentiated, NOS | Carcinomatosis | Carcinosarcoma, embryonal |
| Carcinosarcoma, NOS | Carotid body tumor | Cavernous hemangioma | Cavernous lymphangioma |
| Cellular blue nevus | Cellular leiomyoma | Cementifying fibroma | Cementoblastoma, benign |
| Cementoma, NOS | Central odontogenic fibroma | Cerebellar sarcoma, NOS | Ceruminous adenocarcinoma |
| Ceruminous adenoma | Chief cell adenoma | Cholangiocarcinoma | Cholecystitis, NOS |
| Cholelithiasis, NOS | Chondroblastic osteosarcoma | Chondroblastoma, malignant | Chondroblastoma, NOS |
| Chondroma, NOS | Chondromatosis, NOS | Chondromyxoid fibroma | Chondrosarcoma, NOS |
| Chordoma | Choriocarcinoma combined with other germ cell elements | Choriocarcinoma, NOS | Choroid plexus papilloma, malignant |
| Choroid plexus papilloma, NOS | Chromophobe adenoma | Chromophobe carcinoma | Chronic erythremia |
| Chronic ischemic colitis | Chronic leukemia, NOS | Chronic lymphocytic leukemia | Chronic monocytic leukemia |
| Chronic myeloid leukemia | Chronic myelomonocytic leukemia | Chronic myeloproliferative disease | Chronic ulcerative colitis, NOS |
| Clear cell adenocarcinoma, NOS | Clear cell adenofibroma | Clear cell adenoma | Clear cell sarcoma (except of Kidney M-89643) |
| Clear cell sarcoma of kidney | Cloacogenic carcinoma | Combined hepatocellular carcinoma and cholangiocarcinoma | Comedocarcinoma, noninfiltrating |
| Comedocarcinoma, NOS | Complex odontoma | Composite carcinoid | Compound nevus |
| Compound odontoma | Craniopharyngioma | Cribriform carcinoma | Crohn's disease, NOS |
| Cutaneous lymphoma, NOS | Cystadenocarcinoma, NOS | Cystadenoma, NOS | Cystic lymphangioma |
| Cystic mesothelioma | Dedifferentiated liposarcoma | Dentinoma | Dermatofibroma, NOS |
| Dermatofibrosarcoma, NOS | Dermoid cyst, NOS | Desmoplastic fibroma | Desmoplastic medulloblastoma |
| Desmoplastic melanoma, malignant | Diabetes mellitus, NOS | Disease of thyroid gland, NOS | Diverticulitis of large intestine |
| Diverticulitis of small intestine, NOS | Ductal carcinoma | Dysgerminoma | Dysplastic nevus |
| Eccrine acrospiroma | Eccrine dermal cylindroma | Eccrine papillary adenoma | Eccrine spiradenoma |
| Elastofibroma | Embryonal adenoma | Embryonal carcinoma, NOS | Embryonal rhabdomyosarcoma |
| Embryonal sarcoma | Emphysema of lung, NOS | Endodermal sinus tumor | Endolymphatic stromal myosis |
| Endometrial stromal nodule | Endometrial stromal sarcoma | Endometrioid adenocarcinoma | Endometrioid adenofibroma, borderline malignancy |
| Endometrioid adenofibroma, malignant | Endometrioid adenofibroma, NOS | Endometrioid adenoma, borderline malignancy | Endometrioid adenoma, NOS |
| Endometrioid carcinoma | Eosinophilic leukemia | Ependymoma, anaplastic | Ependymoma, NOS |
| Epidermoid cyst | Epithelial tumor, benign | Epithelial-myoepithelial carcinoma | Epithelioid and spindle cell nevus |
| Epithelioid cell melanoma | Epithelioid cell nevus | Epithelioid hemangioendothelioma, malignant | Epithelioid hemangioendothelioma, NOS |
| Epithelioid hemangioma | Epithelioid leiomyoma | Epithelioid leiomyosarcoma | Epithelioid mesothelioma, benign |
| Epithelioid mesothelioma, malignant | Epithelioid sarcoma | Epithelioma, benign | Epithelioma, malignant |
| Erythroleukemia | Esthesioneuroblastoma | Esthesioneurocytoma | Esthesioneuroepithelioma |
| Ewing's sarcoma | Extra-adrenal paraganglioma, malignant | Extra-adrenal paraganglioma, NOS | Familial multiple polposis syndrome |
| Fascial fibroma | Fascial fibrosarcoma | Fetal rhabdomyoma | Fibrillary astrocytoma |
| Fibroadenoma, NOS | Fibroblastic osteosarcoma | Fibrocystic disease of breast | Fibrocystic disease, NOS |
| Fibrolipoma | Fibroma, NOS | Fibromyxolipoma | Fibromyxoma |
| Fibromyxosarcoma | Fibrosarcoma, NOS | Fibrous histiocytoma, malignant | Fibrous histiocytoma, NOS |
| Fibrous meningioma | Fibrous mesothelioma, benign | Fibrous mesothelioma, malignant | Fibrous papule of the nose |
| Follicular adenocarcinoma, NOS | Follicular adenocarcinoma, trabecular | Follicular adenocarcinoma, well differentiated | Follicular adenoma |
| Gamma heavy chain disease | Gangliocytic paraganglioma | Ganglioglioma | Ganglioneuroblastoma |
| Ganglioneuroma | Ganglioneuromatosis | Gastrinoma, malignant | Gastrinoma, NOS |
| Gastritis, NOS | Gemistocytic astrocytoma | Germinoma | Giant cell and spindle cell carcinoma |
| Giant cell carcinoma | Giant cell glioblastoma | Giant cell sarcoma (except of Bone, M-92503) | Giant cell tumor of bone, malignant |
| Giant cell tumor of bone, NOS | Giant cell tumor of soft parts, NOS | Giant fibroadenoma | Giant pigmented nevus, NOS |
| Gigantiform cementoma | Glioblastoma, NOS and multiforme | Glioma, malignant | Gliomatosis cerebri |
| Glioneuroma | Gliosarcoma | Glomangioma | Glomangiomyoma |
| Glomangiosarcoma | Glomus jugulare tumor | Glomus tumor | Glucagonoma, malignant |
| Glucagonoma, NOS | Glycogen-rich carcinoma | Goblet cell carcinoid | Goiter, NOS |
| Gonadoblastoma | Granular cell carcinoma | Granular cell tumor, malignant | Granular cell tumor, NOS |
| Granulosa cell tumor, malignant | Granulosa cell tumor, NOS | Granulosa cell-theca cell tumor | Gynandroblastoma |
| Hairy cell leukemia | Halo nevus | Hamartoma, NOS | Hemangioblastic meningioma |
| Hemangioblastoma | Hemangioendothelioma, benign | Hemangioendothelioma, malignant | Hemangioendothelioma, NOS |
| Hemangioma, NOS | Hemangiopericytic meningioma | Hemangiopericytoma, benign | Hemangiopericytoma, malignant |
| Hemangiopericytoma, NOS | Hemangiosarcoma | Hematoma, NOS | Hemolymphangioma |
| Hepatoblastoma | Hepatocellular adenoma | Hepatocellular carcinoma, fibrolamellar | Hepatocellular carcinoma, NOS |
| Hibernoma | Hidrocystoma | Hilus cell tumor | Hirschsprung's disease |
| Histiocytoid hemangioma | Hodgkin's disease, lymphocytic depletion, diffuse fibrosis | Hodgkin's disease, lymphocytic depletion, NOS | Hodgkin's disease, lymphocytic depletion, reticular |
| Hodgkin's disease, lymphocytic predominance, diffuse | Hodgkin's disease, lymphocytic predominance, nodular | Hodgkin's disease, lymphocytic predominance, NOS | Hodgkin's disease, mixed cellularity, NOS |
| Hodgkin's disease, nodular sclerosis, cellular phase | Hodgkin's disease, nodular sclerosis, lymphocytic depletion | Hodgkin's disease, nodular sclerosis, lymphocytic predominance | Hodgkin's disease, nodular sclerosis, mixed cellularity |
| Hodgkin's disease, nodular sclerosis, NOS | Hodgkin's disease, NOS | Hodgkin's granuloma | Hodgkin's paragranuloma, NOS |
| Hodgkin's sarcoma | Hutchinson's melanotic freckle, NOS | Hydatidiform mole, NOS | Hypernephroid tumor |
| Hyperplasia, NOS | Hypertrophy of tonsils | Idiopathic thrombocythemia | Immunoproliferative disease, NOS |
| Immunoproliferative small intestinal disease | Infantile fibrosarcoma | Infiltrating duct and lobular carcinoma | Infiltrating ductular carcinoma |
| Inflammatory bowel disease, NOS | Inflammatory carcinoma | Insulinoma, malignant | Insulinoma, NOS |
| Intracanalicular fibroadenoma, NOS | Intracystic carcinoma, NOS | Intracystic papillary adenoma | Intradermal nevus |
| Intraductal carcinoma and lobular carcinoma in situ | Intraductal carcinoma, noninfiltrating, NOS | Intraductal papillary adenocarcinoma with invasion | Intraductal papilloma |
| Intraductal papillomatosis, NOS | Intraepidermal epithelioma of Jadassohn | Intraepithelial neoplasia, grade III, of cervix, vulva and vagina | Intramuscular hemangioma |
| Intramuscular lipoma | Intravascular bronchial alveolar tumor | Invasive hydatidiform mole | Inverted papilloma |
| Islet cell adenoma | Islet cell carcinoma | Junctional nevus, NOS | Juvenile carcinoma of the breast |
| Juvenile fibroadenoma | Juvenile granulosa cell tumor | Juxtacortical chondroma | Juxtacortical chondrosarcoma |
| Juxtacortical osteosarcoma | Juxtaglomerular tumor | Kaposi's sarcoma | Keloid scar of skin |
| Klatskin's tumor | Kupffer cell sarcoma | Large cell (Ki-1+) lymphoma | Large cell carcinoma, NOS |
| Leiomyoma, NOS | Leiomyomatosis, NOS | Leiomyosarcoma, NOS | Letterer-Siwe's disease |
| Leukemia, NOS | Leukemic reticuloendotheliosis | Leydig cell tumor, benign | Leydig cell tumor, malignant |
| Leydig cell tumor, NOS | Linitis plastica | Lipid cell tumor of ovary | Lipid-rich carcinoma |
| Lipoadenoma | Lipoblastomatosis | Lipoma, NOS | Liposarcoma, NOS |
| Liposarcoma, well differentiated | Liver cell adenoma | Lobular carcinoma, NOS | Luteoma, NOS |
| Lymphangioma, NOS | Lymphangiomyoma | Lymphangiomyomatosis | Lymphangiosarcoma |
| Lymphoepithelial carcinoma | Lymphoepithelioid lymphoma | Lymphoid leukemia, NOS | Lymphoproliferative disease, NOS |
| Lymphosarcoma cell leukemia | Lymphosarcoma, NOS | Macrofollicular adenoma | Magnocellular nevus |
| Malignant giant cell tumor of soft parts | Malignant histiocytosis | Malignant lymphoma, centroblastic, diffuse | Malignant lymphoma, centroblastic, follicular |
| Malignant lymphoma, centroblastic-centrocytic, diffuse | Malignant lymphoma, centroblastic-centrocytic, follicular | Malignant lymphoma, centrocytic | Malignant lymphoma, diffuse, NOS |
| Malignant lymphoma, follicular, NOS | Malignant lymphoma, immunoblastic, NOS | Malignant lymphoma, large cell, cleaved, diffuse | Malignant lymphoma, large cell, follicular, NOS |
| Malignant lymphoma, large cell, noncleaved, diffuse | Malignant lymphoma, large cell, NOS | Malignant lymphoma, lymphoblastic | Malignant lymphoma, lymphocytic, intermediate differentiation, diffuse |
| Malignant lymphoma, lymphocytic, intermediate differentiation, nodular | Malignant lymphoma, lymphocytic, poorly differentiated, nodular | Malignant lymphoma, lymphocytic, well differentiated, nodular | Malignant lymphoma, lymphoplasmacytic |
| Malignant lymphoma, mixed small and large cell, diffuse | Malignant lymphoma, mixed small cleaved and large cell, follicular | Malignant lymphoma, non-Hodgkins, NOS | Malignant lymphoma, NOS |
| Malignant lymphoma, small cell, noncleaved, diffuse | Malignant lymphoma, small cleaved cell, diffuse | Malignant lymphoma, small cleaved cell, follicular | Malignant lymphoma, small lymphocytic, NOS |
| Malignant lymphomatous polyposis | Malignant mastocytosis | Malignant melanoma in giant pigmented nevus | Malignant melanoma in Hutchinson's melanotic freckle |
| Malignant melanoma in junctional nevus | Malignant melanoma in precancerous melanosis | Malignant melanoma, NOS | Malignant melanoma, regressing |
| Malignant Schwannoma, NOS | Malignant teratoma, intermediate | Malignant teratoma, trophoblastic | Malignant teratoma, undifferentiated |
| Malignant tumor, fusiform cell type | Malignant tumor, giant cell type | Malignant tumor, small cell type | Mass, NOS |
| Mast cell leukemia | Mast cell sarcoma | Mastocytoma, NOS | Medullary carcinoma with amyloid stroma |
| Medullary carcinoma with lymphoid stroma | Medullary carcinoma, NOS | Medulloblastoma, NOS | Medulloepithelioma, NOS |
| Medullomyoblastoma | Melanoma in situ | Melanotic neuroectodermal tumor | Melanotic neurofibroma |
| Meningeal sarcomatosis | Meningioma, malignant | Meningioma, NOS | Meningiomatosis, NOS |
| Meningotheliomatous meningioma | Merkel cell carcinoma | Mesenchymal chondrosarcoma | Mesenchymoma, benign |
| Mesenchymoma, malignant | Mesenchymoma, NOS | Mesoblastic nephroma | Mesodermal mixed tumor |
| Mesonephric tumor | Mesonephroma, benign | Mesonephroma, malignant | Mesothelioma, benign |
| Mesothelioma, biphasic, benign | Mesothelioma, biphasic, malignant | Mesothelioma, malignant | Metastatic signet ring cell carcinoma |
| Metatypical carcinoma | Microcystic adenoma | Microfollicular adenoma | Microglioma |
| Mixed acidophil-basophil adenoma | Mixed acidophil-basophil carcinoma | Mixed adenosquamous carcinoma | Mixed cell adenocarcinoma |
| Mixed cell adenoma | Mixed epithelioid and spindle cell melanoma | Mixed germ cell tumor | Mixed glioma |
| Mixed islet cell and exocrine adenocarcinoma | Mixed liposarcoma | Mixed tumor, malignant, NOS | Mixed type rhabdomyosarcoma |
| Monoclonal gammopathy | Monocytic leukemia, NOS | Monocytoid B-cell lymphoma | Monomorphic adenoma |
| Monstrocellular sarcoma | Mucin-producing adenocarcinoma | Mucinous adenocarcinoma | Mucinous adenofibroma |
| Mucinous adenoma | Mucinous cystadenocarcinoma, NOS | Mucinous cystadenoma, borderline malignancy | Mucinous cystadenoma, NOS |
| Mucoepidermoid carcinoma | Mucoepidermoid tumor | Mullerian mixed tumor | Multicentric basal cell carcinoma |
| Multiple adenomatous polyps | Multiple endocrine adenomas | Multiple myeloma | Mycosis fungoides |
| Myelodysplastic syndrome, NOS | Myeloid leukemia, NOS | Myeloid sarcoma | Myelolipoma |
| Myelosclerosis with myeloid metaplasia | Myoepithelioma | Myofibromatosis | Myoma |
| Myosarcoma | Myxoid chondrosarcoma | Myxoid leiomyosarcoma | Myxoid liposarcoma |
| Myxoma, NOS | Myxopapillary ependymoma | Myxosarcoma | Neoplasm, benign |
| Neoplasm, malignant | Neoplasm, malignant, uncertain whether primary or metastatic | Neoplasm, metastatic | Neoplasm, uncertain whether benign or malignant |
| Nephroblastoma, NOS | Neurilemmoma, malignant | Neurilemmoma, NOS | Neurinomatosis |
| Neuroblastoma, NOS | Neurocytoma | Neuroectodermal tumor, NOS | Neuroendocrine carcinoma |
| Neuroepithelioma, NOS | Neurofibroma, NOS | Neurofibromatosis, NOS | Neurofibrosarcoma |
| Neuroma, NOS | Neuronevus | Neurothekeoma | No pathologic diagnosis |
| Nodular melanoma | Nonencapsulated sclerosing carcinoma | Noninfiltrating intracystic carcinoma | Noninfiltrating intraductal papillary adenocarcinoma |
| Nonpigmented nevus | Normal tissue, NOS | Oat cell carcinoma | Odontoameloblastoma |
| Odontogenic ghost cell tumor | Odontogenic myxoma | Odontogenic tumor, benign | Odontogenic tumor, malignant |
| Odontogenic tumor, NOS | Odontoma, NOS | Olfactory neurogenic tumor | Oligodendroblastoma |
| Oligodendroglioma, anaplastic | Oligodendroglioma, NOS | Oncocytoma | Ossifying fibroma |
| Osteoblastoma, NOS | Osteochondroma | Osteochondromatosis, NOS | Osteoid osteoma, NOS |
| Osteoma, NOS | Osteosarcoma in Paget's disease of bone | Osteosarcoma, NOS | Oxyphilic adenocarcinoma |
| Oxyphilic adenoma | Pacinian tumor | Paget's disease and infiltrating duct carcinoma of breast | Paget's disease and intraductal carcinoma of breast |
| Paget's disease, extramammary (except Paget's disease of bone) | Paget's disease, mammary | Pancreatoblastoma | Papillary adenocarcinoma, NOS |
| Papillary adenoma, NOS | Papillary carcinoma in situ | Papillary carcinoma, follicular variant | Papillary carcinoma, NOS |
| Papillary cystadenocarcinoma, NOS | Papillary cystadenoma, borderline malignancy | Papillary cystadenoma, NOS | Papillary cystic tumor |
| Papillary ependymoma | Papillary hidradenoma | Papillary meningioma | Papillary mucinous cystadenocarcinoma |
| Papillary mucinous cystadenoma, borderline malignancy | Papillary mucinous cystadenoma, NOS | Papillary serous carcinoma/ adenocarcinoma | Papillary serous cystadenoma, borderline malignancy |
| Papillary serous cystadenoma, NOS | Papillary squamous cell carcinoma | Papillary syringadenoma | Papillary transitional cell carcinoma |
| Papilloma, NOS (except papilloma of bladder M-81201) | Papillomatosis, NOS | Paraganglioma, malignant | Paraganglioma, NOS |
| Parasympathetic paraganglioma | Partial hydatidiform mole | Pericanalicular fibroadenoma | Periosteal fibroma |
| Periosteal fibrosarcoma | Peripheral neuroectodermal tumor | Peripheral odontogenic fibroma | Peripheral T-cell lymphoma, AILD (Angioimmunoblastic Lymphadenopathy with Dysproteinemia) |
| Peripheral T-cell lymphoma, NOS | Peripheral T-cell lymphoma, pleomorphic medium and large cell | Peripheral T-cell lymphoma, pleomorphic small cell | Pheochromocytoma, malignant |
| Pheochromocytoma, NOS | Phyllodes tumor, benign | Phyllodes tumor, malignant | Phyllodes tumor, NOS |
| Pigmented dermatofibrosarcoma protuberans | Pigmented nevus, NOS | Pilocytic astrocytoma | Pilomatrix carcinoma |
| Pilomatrixoma, NOS | Pinealoma | Pineoblastoma | Pineocytoma |
| Placental site trophoblastic tumor | Plasma cell leukemia | Plasmacytoma, NOS | Pleomorphic adenoma |
| Pleomorphic carcinoma | Pleomorphic lipoma | Pleomorphic liposarcoma | Pleomorphic rhabdomyosarcoma |
| Pleomorphic xanthoastrocytoma | Plexiform neurofibroma | Polycythemia vera | Polyembryoma |
| Polygonal cell carcinoma | Precancerous melanosis, NOS | Primitive neuroectodermal tumor | Primitive polar spongioblastoma |
| Prolactinoma | Prolymphocytic leukemia | Protoplasmic astrocytoma | Psammomatous meningioma |
| Pseudomyxoma peritonei | Pseudosarcomatous carcinoma | Pulmonary adenomatosis | Pulmonary blastoma |
| Queyrat's erythroplasia | Racemose hemangioma | Refractory anemia with excess of blasts | Refractory anemia with excess of blasts with transformation |
| Refractory anemia with sideroblasts | Refractory anemia without sideroblasts | Refractory anemia, NOS | Renal cell carcinoma |
| Reticulosarcoma, NOS | Retinoblastoma, differentiated | Retinoblastoma, NOS | Retinoblastoma, undifferentiated |
| Rhabdoid sarcoma | Rhabdomyoma, NOS | Rhabdomyosarcoma, NOS | Round cell liposarcoma |
| Sarcoma, NOS | Sarcomatosis, NOS | Schneiderian carcinoma | Schneiderian papilloma |
| Schwannoma, NOS | Scirrhous adenocarcinoma | Sclerosing stromal tumor | Sebaceous adenocarcinoma |
| Sebaceous adenoma | Seminoma, anaplastic | Seminoma, NOS | Serous adenofibroma |
| Serous cystadenocarcinoma, NOS | Serous cystadenoma, borderline malignancy | Serous cystadenoma, NOS | Serous surface papillary carcinoma |
| Serous surface papilloma, NOS | Sertoli cell carcinoma | Sertoli cell tumor with lipid storage | Sertoli cell tumor, NOS |
| Sertoli-Leydig cell tumor | Sex cord tumor with annular tubules | Sex cord-stromal tumor | Sezary's disease |
| Signet ring cell carcinoma | Skin appendage adenoma | Skin appendage carcinoma | Small cell carcinoma, fusiform cell |
| Small cell carcinoma, intermediate cell | Small cell carcinoma, NOS | Small cell osteosarcoma | Small cell sarcoma |
| Small cell-large cell carcinoma | Smooth muscle tumor, NOS | Soft tissue tumor, benign | Solid carcinoma, NOS |
| Spermatocytic seminoma | Spindle cell carcinoma | Spindle cell lipoma | Spindle cell melanoma, NOS |
| Spindle cell melanoma, type A | Spindle cell melanoma, type B | Spindle cell nevus | Spindle cell sarcoma |
| Spongioblastoma polare | Spongioblastoma, NOS | Spongioneuroblastoma | Squamous cell carcinoma in situ with questionable stromal invasion |
| Squamous cell carcinoma in situ, NOS | Squamous cell carcinoma, keratinizing, NOS | Squamous cell carcinoma, large cell, nonkeratinizing | Squamous cell carcinoma, metastatic, NOS |
| Squamous cell carcinoma, microinvasive | Squamous cell carcinoma, NOS | Squamous cell carcinoma, small cell, nonkeratinizing | Squamous cell carcinoma, spindle cell |
| Squamous cell papilloma | Squamous odontogenic tumor | Stromal hyperplasia | Stromal sarcoma, NOS |
| Struma ovarii, malignant | Struma ovarii, NOS | Strumal carcinoid | Subacute leukemia, NOS |
| Subacute lymphoid leukemia | Subacute monocytic leukemia | Subacute myeloid leukemia | Subependymal giant cell astrocytoma |
| Subependymal glioma | Superficial spreading adenocarcinoma | Superficial spreading melanoma | Sweat gland adenocarcinoma |
| Sweat gland adenoma | Sweat gland tumor, NOS | Sympathetic paraganglioma | Synovial sarcoma, biphasic |
| Synovial sarcoma, epithelioid cell | Synovial sarcoma, NOS | Synovial sarcoma, spindle cell | Synovioma, benign |
| Syringoma, NOS | T-gamma lymphoproliferative disease | T-zone lymphoma | Telangiectatic osteosarcoma |
| Teratocarcinoma | Teratoid medulloepithelioma | Teratoma with malignant transformation | Teratoma, benign |
| Teratoma, malignant, NOS | Teratoma, NOS | Thecoma, luteinized | Thecoma, malignant |
| Thecoma, NOS | Thymoma, benign | Thymoma, malignant | Trabecular adenocarcinoma |
| Trabecular adenoma | Transitional cell carcinoma in situ | Transitional cell carcinoma, NOS | Transitional cell carcinoma, spindle cell |
| Transitional cell papilloma, inverted | Transitional cell papilloma, NOS | Transitional meningioma | Trichoepithelioma |
| Trichofolliculoma | Tricholemmoma | Triton tumor, malignant | True histiocytic lymphoma |
| Tubular adenocarcinoma | Tubular adenoma, NOS | Tubulovillous adenoma, NOS | Tumor cells, benign |
| Tumor cells, malignant | Tumor cells, uncertain whether benign or malignant | Tumorlet | Urothelial papilloma |
| Venous hemangioma | Verrucous carcinoma, NOS | Verrucous keratotic hemangioma | Verrucous papilloma |
| Villous adenocarcinoma | Villous adenoma, NOS | Vipoma | Waldenstrom's macroglobulinemia |
| Warthin's tumor | Water-clear cell adenocarcinoma | Water-clear cell adenoma |  |