

Nomenclature file from goRENI, version 2.9 as of 21-Dec-2015					
Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Respiratory System	Larynx	Epithelial alteration			Published
Respiratory System	Larynx; Trachea; Bronchi	Ectasia in submucosal glands			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Adenocarcinoma			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Bronchiectasis			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Carcinoma, squamous cell		Carcinoma, epidermoid	Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Degeneration			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Erosion/ulceration			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Hyperplasia, mucous cell		Metaplasia, mucous cell; Metaplasia/hyperplasia, goblet cell	Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Hyperplasia, neuroendocrine cell		Hyperplasia, pulmonary neuroendocrine cell (PNEC)	Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Hyperplasia, respiratory epithelium			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Hyperplasia, squamous cell			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Hyperplasia, with cellular atypia (dysplasia)			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Inflammation, acute			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Inflammation, chronic			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Inflammation, granulomatous			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Metaplasia, squamous cell			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Necrosis			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Papilloma			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Regeneration			Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Tumor, neuroendocrine cell, benign		Papilloma, neuroendocrine; Papilloma, pulmonary neuroendocrine cells (PNEC)	Published
Respiratory System	Larynx; Trachea; Bronchi; Lung: Bronchioles	Tumor, neuroendocrine cell, malignant		Carcinoma, clear cell; Carcinoma, neuroendocrine	Published
Respiratory System	Lung: Alveoli	Alveolar emphysema			Published
Respiratory System	Lung: Alveoli	Epithelioma, cystic, keratinizing		Tumor, squamous cell, keratinizing, cystic, benign; Epithelioma, squamous; Cyst, squamous	Published
Respiratory System	Lung: Alveoli	Epithelioma, nonkeratinizing		Tumor, squamous cell, nonkeratinizing, benign	Published
Respiratory System	Lung: Alveoli	Pulmonary acinar ectasia			Published
Respiratory System	Lung: Alveoli	Pulmonary keratinizing cyst			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Adenoma, bronchiolo- alveolar	Solid; Papillary; Mixed; Alveolar; Tubular	Adenoma, type II cell; Adenoma, pulmonary	Published

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Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Alveolar lipoproteinosis			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Alveolar macrophage aggregation		Alveolar histiocytosis; Alveolar phospholipidosis	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Atelectasis			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Carcinoma, acinar			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Carcinoma, adenosquamous		Carcinoma, mucoepidermoid	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Carcinoma, bronchiolo-alveolar		Adenocarcinoma, pulmonary; Adenocarcinoma, bronchiolo-alveolar	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Carcinoma, squamous cell	Non-keratinizing; Keratinizing	Carcinoma, epidermoid	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Congestion, pulmonary			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Degeneration			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Edema, pulmonary			Published

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Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Emboli, pulmonary			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Hyperplasia, bronchiolo- alveolar	Alveolar; Bronchiolar (bronchiolization); Mixed	Hyperplasia, bronchiolar/alveolar; Hyperplasia, type II cell; Bronchiolization	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Medial hypertrophy of pulmonary arteries			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Metaplasia, mucous cell		Metaplasia, goblet cell	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Metaplasia, squamous cell			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Necrosis			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Pulmonary hypoplasia			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli	Regeneration			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Congenital cysts			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Hemorrhage, pulmonary			Published

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Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Inflammation, acute alveolar/interstitial			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Inflammation, acute bronchioloalveolar		Bronchopneumonia	Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Inflammation, chronic bronchioloalveolar			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Inflammation, chronic interstitial			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Inflammation, granulomatous			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Mineralization			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Pigments, dusts, inert materials			Published
Respiratory System	Lung: Terminal bronchioles; Lung: Alveoli; Pleura	Pulmonary fibrosis			Published
Respiratory System	Nasal cavity	Amyloid			Published
Respiratory System	Nasal cavity	Angiectasis			Published
Respiratory System	Nasal cavity	Atrophy			Published
Respiratory System	Nasal cavity	Cleft palate			Published
Respiratory System	Nasal cavity	Congestion		Hyperemia	Published
Respiratory System	Nasal cavity	Corpora amylacea			Published
Respiratory System	Nasal cavity	Degeneration			Published

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Respiratory System	Nasal cavity	Deviation of the nasal septum			Published
Respiratory System	Nasal cavity	Edema			Published
Respiratory System	Nasal cavity	Eosinophilic globules (droplets)		Hyaline droplets; Eosinophilic inclusions; Hyaline droplet accumulation	Published
Respiratory System	Nasal cavity	Erosion/ulceration			Published
Respiratory System	Nasal cavity	Hemorrhage			Published
Respiratory System	Nasal cavity	Hyperplasia, olfactory epithelium			Published
Respiratory System	Nasal cavity	Hyperplasia, squamous cell			Published
Respiratory System	Nasal cavity	Hyperplasia, transitional epithelium			Published
Respiratory System	Nasal cavity	Inflammation, acute			Published
Respiratory System	Nasal cavity	Inflammation, chronic			Published
Respiratory System	Nasal cavity	Inflammation, chronic active			Published
Respiratory System	Nasal cavity	Inflammation, granulomatous			Published
Respiratory System	Nasal cavity	Inflammation, lymphocytic or eosinophilic			Published
Respiratory System	Nasal cavity	Metaplasia, respiratory, olfactory/glandular epithelium			Published
Respiratory System	Nasal cavity	Necrosis			Published
Respiratory System	Nasal cavity	Regeneration			Published
Respiratory System	Nasal cavity	Septal perforation			Published
Respiratory System	Nasal cavity	Thrombosis			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Adenocarcinoma			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Adenoma			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Carcinoma, adenosquamous			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Carcinoma, neuroepithelial		Neuroepithelioma, olfactory; Neuroblastoma, olfactory; Esthesioneuroblastoma; Carcinoma, olfactory	Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Carcinoma, squamous cell			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Hyperplasia with atypia			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Hyperplasia, basal cell			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Hyperplasia, neuroendocrine cell			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Hyperplasia, respiratory epithelium			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Hyperplasia/metaplasia, mucous cell		Hyperplasia, goblet cell; Metaplasia, mucous cell; Metaplasia, goblet cell	Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Metaplasia, squamous cell			Published
Respiratory System	Nasal cavity; Paranasal sinus; Nasopharynx	Papilloma, squamous cell			Published
Respiratory System	Pleura	Hyperplasia, mesothelium			Published

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Respiratory System	Pleura	Noninflammatory pleural effusions		Hydrothorax; Hemothorax; Chylothorax	Published
Respiratory System	Pleura	Pyothorax		Suppurative pleuritis; Pleurisy	Published
Hepatobiliary System	Gallbladder	Adenocarcinoma			Published
Hepatobiliary System	Gallbladder	Adenoma		Adenoma, papillary	Published
Hepatobiliary System	Gallbladder	Calculi		Stones; Gallstones; Choleliths	Published
Hepatobiliary System	Gallbladder	Cholecystitis		Inflammation, gallbladder	Published
Hepatobiliary System	Gallbladder	Glandular metaplasia		Adenomatoid change	Published
Hepatobiliary System	Gallbladder	Heterotopic acinar pancreas			Published
Hepatobiliary System	Gallbladder	Heterotopic hepatocytes			Published
Hepatobiliary System	Gallbladder	Hyalinosis		Cytoplasmic inclusions; Crystals	Published
Hepatobiliary System	Gallbladder	Hyperplasia			Published
Hepatobiliary System	Liver	Adenoma, hepatocholangiocellular			Published
Hepatobiliary System	Liver	Amyloidosis			Published
Hepatobiliary System	Liver	Angiectasis	Cystic; Cavernous	Peliosis hepatis; Telangiectasis; Sinusoidal dilation	Published
Hepatobiliary System	Liver	Bile duct hyperplasia	Cystic		Published
Hepatobiliary System	Liver	Carcinoma, hepatocholangiocellular			Published



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Hepatobiliary System	Liver	Cholangiocarcinoma		Adenocarcinoma, bile duct; Adenocarcinoma, cholangiocellular; Carcinoma, bile duct; Carcinoma, cholangiocellular; Cholangioma, malignant	Published
Hepatobiliary System	Liver	Cholangiofibrosis		Bile duct adenomatosis; Intestinal cell metaplasia; Adenofibrosis	Published
Hepatobiliary System	Liver	Cholangioma	Simple; Cystic	Adenoma, bile duct; Adenoma, biliary; Adenoma, cholangiocellular; Cholangioma, benign	Published
Hepatobiliary System	Liver	Congestion		Chronic passive congestion	Published
Hepatobiliary System	Liver	Crystals			Published
Hepatobiliary System	Liver	Cysts, biliary (hepatic cysts)		Hepatic cysts	Published
Hepatobiliary System	Liver	Cytoplasmic alteration		Cytoplasmic alteration; Cytoplasmic change; Granular change; Granular degeneration; Hyaline degeneration; Glycogen accumulation; Ground glass change	Published
Hepatobiliary System	Liver	Degeneration, cystic		Spongiosis hepatitis (traditional diagnostic term preferred by many pathologists)	Published

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Hepatobiliary System	Liver	Degeneration, hydropic		Cytoplasmic alteration; Cytoplasmic change; Hydropic change; Cloudy swelling	Published
Hepatobiliary System	Liver	Endothelial cell hypertrophy/karyomegaly		Endothelial cell enlargement; Cytomegaly	Published
Hepatobiliary System	Liver	Extramedullary hematopoiesis		Hematopoietic cell proliferation; Myelopoiesis; Erythropoiesis	Published
Hepatobiliary System	Liver	Fatty change		Lipidosis; Vacuolation, lipid; Macrovesicular and/or microvesicular steatosis; Phospholipidosis [subtpye]	Published
Hepatobiliary System	Liver	Fibrosis			Published
Hepatobiliary System	Liver	Focus of cellular alteration	Amphophilic; Basophilic, diffuse; Basophilic, tigroid; Basophilic, NOS; Basophilic; Mixed cell; Clear cell; Eosinophilic	Areas of cellular alteration; Focus of altered hepatocytes; Hyperplastic focus; Preneoplastic focus; Enzyme altered focus; Phenotypically altered focus	Published
Hepatobiliary System	Liver	Helicobacter sp. hepatitis			Published
Hepatobiliary System	Liver	Hemangioma	Capillary type; Cavernous type	Hemangioendothelioma, benign	Published
Hepatobiliary System	Liver	Hemangiosarcoma		Hemangioendothelioma, malignant	Published

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Hepatobiliary System	Liver	Hepatoblastoma		Tumor, mixed, poorly differentiated	Published
Hepatobiliary System	Liver	Hepatocellular adenoma		Adenoma, hepatic; Adenoma, liver parenchymal cell; Hepatoma, benign; Tumor, liver cell, benign; Type A nodule	Published
Hepatobiliary System	Liver	Hepatocellular atrophy			Published
Hepatobiliary System	Liver	Hepatocellular carcinoma	Acinar; Solid; Trabecular; Adenoid	Adenocarcinoma, liver cell; Carcinoma, hepatic cell; Carcinoma, hepatocellular; Carcinoma, liver cell; Hepatoma, malignant; Hepatocarcinoma; Nodule, type B	Published
Hepatobiliary System	Liver	Hepatocytes, glandular metaplasia			Published
Hepatobiliary System	Liver	Hepatodiaphragmatic nodule			Published
Hepatobiliary System	Liver	Histiocytic sarcoma		Kupffer cell sarcoma	Published
Hepatobiliary System	Liver	Hyperplasia, endothelial		Endothelial cell hyperplasia; Angiomatous hyperplasia	Published
Hepatobiliary System	Liver	Hyperplasia, hepatocellular, non-regenerative		Hyperplasia, hepatocellular; Focal hepatocellular hyperplasia	Published

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Hepatobiliary System	Liver	Hyperplasia, hepatocellular, regenerative		Hyperplasia, hepatocellular; Hyperplasia, regenerative; Hyperplasia, nodular; Regeneration, nodular	Published
Hepatobiliary System	Liver	Hyperplasia, Ito cell		Stellate cell; Perisinusoidal cell; Fat-storing perisinusoidal cell	Published
Hepatobiliary System	Liver	Hypertrophy, hepatocellular		Hepatocytomegaly	Published
Hepatobiliary System	Liver	Hypertrophy/hyperplasia, Kupffer cell		Kupffer cell proliferation; Histiocytosis, focal or diffuse	Published
Hepatobiliary System	Liver	Inclusions, intranuclear and cytoplasmic		Inclusion bodies; Intranuclear cytoplasmic invagination; Acidophilic inclusions; Globular bodies	Published
Hepatobiliary System	Liver	Infarction			Published
Hepatobiliary System	Liver	Infiltration, mixed		Infiltration, purulent, and mononuclear; Chronic active inflammation; Mixed inflammatory cell focus/foci	Published

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Hepatobiliary System	Liver	Infiltration, mononuclear		Inflammation, chronic; Mononuclear cell aggregates; Inflammation, granulomatous; Focus/foci of mononuclear cells	Published
Hepatobiliary System	Liver	Infiltration, neutrophil		Inflammation, acute; Acute inflammatory cell infiltrate(s); Focus/foci of acute inflammatory cells; Aggregate(s) of acute inflammatory cells	Published
Hepatobiliary System	Liver	Infiltration, peribiliary (intrahepatic)			Published
Hepatobiliary System	Liver	Intrahepatocellular erythrocytes		Emperipolesis; Cytoplasmic inclusions; Hepatic erythrophagocytosis	Published
Hepatobiliary System	Liver	Intravascular hepatocytes		Vascular pseudoinvasion; Vascular infiltration of hepatocytes	Published

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Hepatobiliary System	Liver	Karyocytomegaly and/or multinucleated hepatocytes		Karyocytomegaly; Multinucleated hepatocytes; Binucleated hepatocytes; Karyomegaly; Nuclear hypertrophy; Hepatocytomegaly; Polyploidy; Anisonucleosis; Anisokaryosis	Published
Hepatobiliary System	Liver	Mineralization			Published
Hepatobiliary System	Liver	Mouse hepatitis virus hepatitis			Published
Hepatobiliary System	Liver	Murine norovirus hepatitis			Published
Hepatobiliary System	Liver	Necrosis, focal/multifocal			Published
Hepatobiliary System	Liver	Necrosis, zonal	Centrilobular; Midzonal; Periportal; Diffuse		Published
Hepatobiliary System	Liver	Oval cell hyperplasia		Oval cell proliferation; Bile ductule cell hyperplasia	Published
Hepatobiliary System	Liver	Pancreatic acinar metaplasia			Published
Hepatobiliary System	Liver	Phospholipidosis		Cytoplasmic vacuolation; Foam cells	Published
Hepatobiliary System	Liver	Pigmentation (pigment deposition)	Lipofuscin; Iron/hemosiderin; Porphyrin; Bile (cholestasis)	Pigment deposition	Published

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Hepatobiliary System	Liver	Single cell necrosis (apoptosis)		Apoptosis	Published
Hepatobiliary System	Liver	Thrombosis			Published
Hepatobiliary System	Liver	Tumor, Ito cell, benign		Fat-storing cell tumor; Stellate cell tumor; Lipoma	Published
Hepatobiliary System	Liver	Tyzzar's disease (Clostridium piliforme infection)		Clostridium piliforme infection	Published
Urinary System	Kidney	Accumulation, glycogen		Clear cell, tubule; Osmotic nephrosis; Hydropic change	Published
Urinary System	Kidney	Accumulation, hyaline droplets		Hyaline droplet nephropathy; Eosinophilic droplets	Published
Urinary System	Kidney	Accumulation, pigment		Lipofuscinosis; Bilirubinuric nephropathy	Published
Urinary System	Kidney	Adenoma		Renal tubule adenoma; Renal cell adenoma; Benign renal epithelioma; Benign renal cell tumour	Published
Urinary System	Kidney	Adipose aggregate, interstitial		Lipomatosis; Lipomatous metaplasia	Published
Urinary System	Kidney	Adrenal rest		Ectopic adrenal; Adrenocortical choristoma	Published
Urinary System	Kidney	Agenesis		Unilateral hypoplasia; Renal aplasia	Published

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Urinary System	Kidney	Alpha <sub>2</sub> -globulin nephropathy		Eosinophilic droplets; Alpha-2u-globulin nephropathy	Published
Urinary System	Kidney	Amyloidosis, glomerular			Published
Urinary System	Kidney	Amyloidosis, interstitial			Published
Urinary System	Kidney	Atrophy, glomerular		Collapsing glomerulopathy	Published
Urinary System	Kidney	Atrophy, tubule			Published
Urinary System	Kidney	Basophilia, tubule		Tinctorial change	Published
Urinary System	Kidney	Basophilic granules			Published
Urinary System	Kidney	Carcinoma		Adenocarcinoma; Renal tubule carcinoma; Renal cell carcinoma; Malignant renal epithelioma	Published
Urinary System	Kidney	Casts	Hyaline; Granular	Tubular proteinosis is true synonym; Hyaline, granular, protein, myoglobin or hemoglobin casts are subtypes	Published



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Urinary System	Kidney	Chronic progressive nephropathy (CPN)		Chronic progressive nephrosis; Chronic nephritis; Spontaneous nephrosis; Chronic nephrosis; Progressive glomerulonephrosis; Progressive glomerulonephrosclerosis; Progressive nephritis; Progressive glomerulonephritis; Dietary nephritis; Chronic progressive glomerulonephropathy; Chronic progressive glomerulosclerosis; Old rat nephropathy (Barthold 1998)	Published
Urinary System	Kidney	Crystals		Crystalluria; Urolithiasis; Tubular calculi	Published
Urinary System	Kidney	Cyst		Cystic tubular dilation; Tubular ectasia; Cystic tubule	Published
Urinary System	Kidney	Degeneration, tubule		Degeneration/regeneration	Published
Urinary System	Kidney	Dilation, Bowman's space		Enlargement of Bowman's space	Published
Urinary System	Kidney	Dilation, tubule		Simple tubular dilatation; Tubular dilatation	Published
Urinary System	Kidney	Dysplasia			Published
Urinary System	Kidney	Edema, interstitial			Published

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Urinary System	Kidney	Extramedullary hematopoiesis			Published
Urinary System	Kidney	Fibrosis, interstitial		Peritubular fibrosis	Published
Urinary System	Kidney	Glomerulonephritis	Membranoproliferative; Crescentic		Published
Urinary System	Kidney	Glomerulopathy, hyaline			Published
Urinary System	Kidney	Glomerulopathy, mesangioproliferative		Mesangial thickening	Published
Urinary System	Kidney	Glomerulosclerosis		Includes focal segmental glomerular sclerosis	Published
Urinary System	Kidney	Hemorrhage			Published
Urinary System	Kidney	Hyperplasia, juxtaglomerular		Juxtaglomerular hypertrophy	Published
Urinary System	Kidney	Hyperplasia, mesangial		Mesangial cell hypertrophy	Published
Urinary System	Kidney	Hyperplasia, oncocytic			Published
Urinary System	Kidney	Hyperplasia, tubule	Simple; Atypical	Simple: Focal tubule hyperplasia. Atypical: Atypical tubular hyperplasia; Atypical renal cell hyperplasia	Published
Urinary System	Kidney	Hypertrophy, tubule			Published
Urinary System	Kidney	Hypoplasia			Published
Urinary System	Kidney	Inclusion bodies			Published
Urinary System	Kidney	Infarct		Cortical scar	Published
Urinary System	Kidney	Infiltrate, inflammatory cell, interstitium		Inflammation, focal	Published
Urinary System	Kidney	Interstitial nephritis			Published
Urinary System	Kidney	Karyomegaly		Nuclear enlargement	Published
Urinary System	Kidney	Mesangiolysis		Haemolytic uraemic syndrome	Published
Urinary System	Kidney	Metaplasia, osseous		Ectopic bone formation	Published

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Urinary System	Kidney	Metaplasia/hyperplasia, Bowman's capsule		Metaplasia, Bowman's capsule; Hyperplasia of parietal epithelial cells	Published
Urinary System	Kidney	Microabscess		Tubulitis; Renal abscess; Suppurative nephritis; Pyelonephritis (in diffuse or severe cases)	Published
Urinary System	Kidney	Necrosis		Acute tubular necrosis; Toxic nephrosis; Oncotic necrosis; Coagulative necrosis	Published
Urinary System	Kidney	Necrosis, papillary		Pyramidal necrosis; Analgesic nephropathy	Published
Urinary System	Kidney	Necrosis, single cell		Single cell death; Apoptosis; Apoptotic necrosis	Published
Urinary System	Kidney	Nephroblastematosi		Nephroblastomatosi; Blastemal rest; Nephrogenic rest	Published
Urinary System	Kidney	Nephroblastoma		Embryonal nephroma; Wilms' tumor (human nomenclature)	Published
Urinary System	Kidney	Nephropathy, obstructive		Crystal nephropathy	Published
Urinary System	Kidney	Nephropathy, retrograde		Reflux nephropathy; Ascending pyelonephritis	Published
Urinary System	Kidney	Oncocytoma		Oncocytic adenoma; Acidophilic adenoma; Oxyphilic adenoma	Published
Urinary System	Kidney	Regeneration, tubule		Tubular cell regeneration	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Urinary System	Kidney	Renal mesenchymal tumor		Stromal nephroma; Interstitial cell tumor of kidney; Mixed malignant tumor of kidney; Malignant mesenchymal cell tumor	Published
Urinary System	Kidney	Renal sarcoma		Renal fibrosarcoma	Published
Urinary System	Kidney	Vacuolation		Vacuolization; Vacuolar degeneration	Published
Urinary System	Kidney; Renal pelvis	Mineralization	Tubule; Intraluminal; Basement membrane; Interstitial	Calcification; Nephrocalcinosis; Multilamellar bodies	Published
Urinary System	Kidney; Renal pelvis	Pyelonephritis		Papillitis; Pyelitis (when restricted to renal pelvis)	Published
Urinary System	Renal pelvis	Dilation, pelvis		Drug-induced pelvic dilation; Iatrogenic renal pelvic dilation; Congenital pelvic dilation	Published
Urinary System	Renal pelvis; Ureter; Urethra	Infiltrate, inflammatory cell		Ureteritis; Cystitis; Urethritis; Pyelitis	Published
Urinary System	Renal pelvis; Ureter; Urinary bladder	Calculi		Urolithiasis; Concretion; Calculus	Published
Urinary System	Renal pelvis; Ureter; Urinary bladder	Crystals		Urolithiasis	Published
Urinary System	Renal pelvis; Ureter; Urinary bladder; Urethra	Hyperplasia, urothelium	Simple; Papillary; Nodular; With atypia; Without atypia	Hyperplasia, transitional cell	Published
Urinary System	Renal pelvis; Ureter; Urinary bladder; Urethra	Metaplasia, squamous cell			Published

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Urinary System	Renal pelvis; Ureter; Urinary bladder; Urethra	Papilloma, squamous cell			Modified after publication
Urinary System	Renal pelvis; Ureter; Urinary bladder; Urethra	Urothelial (transitional cell) carcinoma		Transitional cell carcinoma; Urothelial carcinoma	Modified after publication
Urinary System	Renal pelvis; Urinary bladder	Erosion		Attenuation, urothelium	Published
Urinary System	Renal pelvis; Urinary bladder	Ulceration		Necrosis, urothelium	Published
Urinary System	Ureter	Aplasia, ureteral		Agenesis	Published
Urinary System	Ureter	Dilation		Dilatation, ureter; Hydroureter (macroscopic term)	Published
Urinary System	Ureter; Urinary bladder; Urethra	Adenocarcinoma		Adenocarcinoma, urothelium	Published
Urinary System	Ureter; Urinary bladder; Urethra	Carcinoma, squamous cell		Epidermoid carcinoma	Published
Urinary System	Ureter; Urinary bladder; Urethra	Metaplasia, glandular		Glandular cell metaplasia; Mucinous hyperplasia; Mucinous metaplasia	Published
Urinary System	Ureter; Urinary bladder; Urethra	Papilloma, transitional cell		Papilloma, urothelium	Published
Urinary System	Urethra	Infiltrate, inflammatory cell		Urethritis	Published
Urinary System	Urethra	Obstruction		Occlusion, urethra	Published
Urinary System	Urinary bladder	Angiectasis		Dilatation, blood vessel	Published
Urinary System	Urinary bladder	Dilation			Published
Urinary System	Urinary bladder	Diverticulum			Published
Urinary System	Urinary bladder	Edema			Published
Urinary System	Urinary bladder	Hemorrhage			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Urinary System	Urinary bladder	Hypertrophy, urothelium		Hypertrophy, transitional cell	Published
Urinary System	Urinary bladder	Inclusions, urothelium		Inclusion bodies; Inclusions, transitional epithelium	Published
Urinary System	Urinary bladder	Infiltrate, inflammatory cell		Cystitis; Inflammation	Published
Urinary System	Urinary bladder	Mineralization		Dystrophic calcification; Nephrocalcinosis	Published
Urinary System	Urinary bladder	Necrosis			Published
Urinary System	Urinary bladder	Nematodiasis		Parasitism, Trichosomoides crassicauda	Published
Urinary System	Urinary bladder	Uropathy, obstructive		Obstructive syndrome; Mouse urological syndrome (MUS)	Published
Urinary System	Urinary bladder	Vacuolation, urothelium			Published
Urinary System	Urinary bladder; Urethra	Mesenchymal proliferative lesion	Solid; Polypoid	Decidual-like reaction; Vegetative lesion; Benign mesenchymal tumor	Published
Urinary System	Urinary bladder; Urethra	Proteinaceous plug			Published
Nervous System	Brain; Cerebrum; Cerebellum	Carcinoma, choroid plexus			Published
Nervous System	Brain; Cerebrum; Cerebellum	Hydrocephalus		Ventricular dilatation	Published
Nervous System	Brain; Cerebrum; Cerebellum	Papilloma, choroid plexus			Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Astrocyte swelling			Added after publication

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Astrocyte swelling/vacuolation		Acute gliopathy; Astrocyte swelling; Astrocyte vacuolation; Glia syndrome; Glio-vascular lesion	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Astrocytoma, malignant, high grade		Glioma, astrocytic, malignant	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Astrocytoma, malignant, low grade	Protoplasmic; Fibrillary; Gemistocytic; Pilocytic (piloid)	Astrocytoma, benign; Astrocytoma, low grade; Glioma, astrocytic, benign	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Astrocytosis		Astrogliosis; Gemistocytic astrocytes; Gemistocytosis; Glial hyperplasia; Glial hypertrophy; Reactive astroglia	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Cholesterol clefts		Cholesteatoma; Cholesterol granuloma	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Dark neuron artifact		Basophilic neurons; Dark 'spiky' nerve cells; Neuronal hyperchromatosis	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Ependymoma, benign			Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Ependymoma, malignant		Anaplastic ependymoma	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Glioma, mixed, malignant, high grade		Glioma, anaplastic	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Glioma, mixed, malignant, low grade		Oligoastroglioma, benign	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Gliosis, not otherwise specified (NOS)		Astrocytosis; Astrogliosis; Gemistocytosis; Glial hyperplasia; Glial hypertrophy; Microgliosis; Oligodendrocyte satellitosis	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Hamartoma, lipomatous			Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Hemorrhage		Hematoma; Hemorrhagic lesions	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Hydromyelia			Added after publication
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Infarct		Regional necrosis	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Infiltrate, inflammatory cell			Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Lipofuscin accumulation		Lipofuscinosis	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Medulloblastoma		Cerebellar neuroblastoma; Primitive neuroectodermal tumor (PNET) of cerebellum	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Microgliosis		Microglial cell proliferation; Reactive microglia; Gitter cells	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Mineralization		Calcification; Calcospherite	Published



Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Myelin bubbles		Adaxonal vacuoles; Myelin spaces; Myelin vacuoles	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Neuromyoblastoma, malignant			Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Oligodendroglioma, malignant, high grade		Glioma, oligodendrocytic, malignant; Oligodendroglioma, anaplastic	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Oligodendroglioma, malignant, low grade		Glioma, oligodendrocytic, benign; Oligodendroglioma, benign	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Reticulosis, malignant		Lymphoreticulosis; Microgliomatosis; Primary (malignant) lymphoma of the nervous system; Primary histiocytic sarcoma of the brain	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Satellitosis		Reactive oligodendroglia	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Squamous cyst		Epidermoid cyst; Epidermal inclusion cyst; Epithelial inclusion cyst	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Syringomyelia			Added after publication
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Syringomyelia/hydromyelia			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Thrombus		Thrombosis; Vascular occlusion	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Type II astrocytes		Astrocytic swelling, Alzheimer Type II astrocytes	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	Vacuolation			Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord	White matter vacuolation		Vacuolar artifact	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Arteritis		Panarteritis nodosa; Periarteritis; Polyarteritis; Polyarteritis nodosa	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Atrophy, axonal		Somatofugal atrophy	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Cell loss, neuronal		Decreased neuronal numbers; Decreased neuronal cellularity	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Chromatolysis		Axonal reaction; Central chromatolysis	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Degeneration, axonal		Axonopathy; Dying-back axonopathy; Nerve fiber degeneration; Wallerian-type degeneration	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Demyelination		Myelinolysis; Myelinopathy	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Dystrophy, axonal		Axonal swelling; Neuroaxonal dystrophy	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Heterotopia, neuronal		Ectopia	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Inflammation		Encephalitis; Meningitis; Myelitis; Neuritis (i.e., site-specific terms used to more precisely describe the distribution of the lesion)	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Intramyelinic edema		Leukoencephalopathy; Myelin edema; Myelin vacuolation	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Necrosis, neuronal		Homogenizing cell change; Ischemic cell change; Metabolic arrest change; Oncotic necrosis; "Red dead" neurons	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Neuronophagia		Microglial cell nodule	Published
Nervous System	Brain; Cerebrum; Cerebellum; Spinal cord; Peripheral nerve	Vacuolation, neuronal			Published
Nervous System	Cerebral meninx; Spinal meninx	Aggregates, granular cell			Published
Nervous System	Cerebral meninx; Spinal meninx	Meningioangiomas			Published
Nervous System	Cerebral meninx; Spinal meninx	Meningioma, benign	Fibroblastic type; Meningothelial type; Mixed type		Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Nervous System	Cerebral meninx; Spinal meninx	Meningioma, malignant	Fibrous type; Spindloid type; Undifferentiated type	Meningeal sarcoma	Published
Nervous System	Cerebral meninx; Spinal meninx	Tumor, granular cell, benign		Benign granular cell tumor; Granular cell tumor, benign	Published
Nervous System	Cerebral meninx; Spinal meninx	Tumor, granular cell, malignant		Malignant granular cell tumor; Granular cell tumor, malignant	Published
Nervous System	Generally used preferred terms	Schwannoma, benign		Neurilemmoma; Neurinoma	Published
Nervous System	Generally used preferred terms	Schwannoma, malignant		Neurilemmoma, malignant; Neurinoma, malignant	Published
Mammary Gland and other	Clitoral gland; Preputial gland	Adenocarcinoma	Solid; Cystic; Papillary; Papillary/cystic; Mixed cell	Cystadenocarcinoma	Published
Mammary Gland and other	Clitoral gland; Preputial gland	Adenoma			Published
Mammary Gland and other	Clitoral gland; Preputial gland	Atrophy			Published
Mammary Gland and other	Clitoral gland; Preputial gland	Basophilia		Regeneration	Published
Mammary Gland and other	Clitoral gland; Preputial gland	Carcinoma, squamous cell	Keratinizing; Non-keratinizing	Carcinoma, epidermoid	Added after publication
Mammary Gland and other	Clitoral gland; Preputial gland	Degeneration			Published
Mammary Gland and other	Clitoral gland; Preputial gland	Dilation	Ductular	Cystic degeneration; Cystic change	Published
Mammary Gland and other	Clitoral gland; Preputial gland	Hyperplasia	Acinar; Ductular		Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Mammary Gland and other	Clitoral gland; Preputial gland	Hyperplasia, squamous cell			Added after publication
Mammary Gland and other	Clitoral gland; Preputial gland	Infiltrate			Published
Mammary Gland and other	Clitoral gland; Preputial gland	Inflammation	Acute; Chronic; Chronic active; Granulomatous		Published
Mammary Gland and other	Clitoral gland; Preputial gland	Necrosis			Published
Mammary Gland and other	Clitoral gland; Preputial gland	Papilloma, squamous cell			Published
Mammary Gland and other	Clitoral gland; Preputial gland	Single-cell necrosis		Apoptosis	Published
Mammary Gland and other	Clitoral gland; Preputial gland	Tumor, basal cell, malignant		Basal cell carcinoma	Published
Mammary Gland and other	Mammary gland	Adenocarcinoma	Alveolar/tubular; Comedo; Cribriform; Cystic; Medullary/solid; Papillary; Scirrhus; Spindle cell; Undifferentiated		Published
Mammary Gland and other	Mammary gland	Adenocarcinoma arising in fibroadenoma			Published
Mammary Gland and other	Mammary gland	Adenoma	Cystic; Papillary; Alveolar/tubular		Published
Mammary Gland and other	Mammary gland	Adenomyoepithelioma			Published
Mammary Gland and other	Mammary gland	Amyloid			Published
Mammary Gland and other	Mammary gland	Angiectasis			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Mammary Gland and other	Mammary gland	Atrophy		Feminization (male rat)	Published
Mammary Gland and other	Mammary gland	Basophilia		Regeneration	Published
Mammary Gland and other	Mammary gland	Carcinoma, adenosquamous		Adenoacanthoma, malignant; Keratoacanthoma	Published
Mammary Gland and other	Mammary gland	Carcinosarcoma			Published
Mammary Gland and other	Mammary gland	Congestion		Hyperemia	Published
Mammary Gland and other	Mammary gland	Corpora amylacea			Published
Mammary Gland and other	Mammary gland	Degeneration			Published
Mammary Gland and other	Mammary gland	Dilation		Cystic degeneration; Cystic change; Milk cysts; Ectasia; Galactocoele	Published
Mammary Gland and other	Mammary gland	Edema			Published
Mammary Gland and other	Mammary gland	Fibroadenoma	Adenomatous; Fibromatous		Published
Mammary Gland and other	Mammary gland	Fibrosis			Published
Mammary Gland and other	Mammary gland	Hemorrhage			Published
Mammary Gland and other	Mammary gland	Hyperplasia, lobuloalveolar	Diffuse; Focal; Focal with atypia; Focal with fibrous tissue proliferation	Pseudopregnancy	Published
Mammary Gland and other	Mammary gland	Hypertrophy/hyperplasia, alveolar and/or ductal epithelial cell		Masculinization; Virilization (female rat)	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Mammary Gland and other	Mammary gland	Infiltrate			Published
Mammary Gland and other	Mammary gland	Inflammation	Acute; Chronic; Chronic active; Granulomatous	Mastitis	Published
Mammary Gland and other	Mammary gland	Mineralization			Published
Mammary Gland and other	Mammary gland	Necrosis			Published
Mammary Gland and other	Mammary gland	Pigment		Pigmentation; Accumulation	Published
Mammary Gland and other	Mammary gland	Sarcoma arising in fibroadenoma			Published
Mammary Gland and other	Mammary gland	Single-cell necrosis		Apoptosis	Published
Mammary Gland and other	Mammary gland	Thrombosis			Published
Mammary Gland and other	Mammary gland	Tumor, mixed, benign	Adenolipoma type		Published
Mammary Gland and other	Zymbal's gland	Acinar atrophy			Published
Mammary Gland and other	Zymbal's gland	Adenoma, sebaceous cell			Published
Mammary Gland and other	Zymbal's gland	Basophilia		Regeneration	Published
Mammary Gland and other	Zymbal's gland	Carcinoma	Sebaceous cell; Squamous cell		Published
Mammary Gland and other	Zymbal's gland	Degeneration			Published
Mammary Gland and other	Zymbal's gland	Dilation	Ductular	Cystic degeneration; Cystic change	Published
Mammary Gland and other	Zymbal's gland	Hyperplasia	Sebaceous cell; Squamous cell		Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Mammary Gland and other	Zymbal's gland	Infiltrate			Published
Mammary Gland and other	Zymbal's gland	Necrosis			Published
Mammary Gland and other	Zymbal's gland	Papilloma, squamous cell			Published
Mammary Gland and other	Zymbal's gland	Single-cell necrosis		Apoptosis	Published
Male Reproductive	Efferent ducts; Epididymis	Amyloid		Amyloidosis	Published
Male Reproductive	Efferent ducts; Epididymis	Aplasia		Agenesis	Published
Male Reproductive	Efferent ducts; Epididymis	Atrophy, ductal			Published
Male Reproductive	Efferent ducts; Epididymis	Cell debris, luminal	Caput; Cauda	Sloughed germ cells; Germ cell debris; Degenerate luminal germ cells; Increased intraluminal germ cells	Published
Male Reproductive	Efferent ducts; Epididymis	Cribriform change		(Intra) epithelial lumina formation (Foley 2001; Ladds 1993); Epithelial hyperplasia (Foley 2001); Pseudoglandular formation	Published
Male Reproductive	Efferent ducts; Epididymis	Degeneration, epithelial			Published
Male Reproductive	Efferent ducts; Epididymis	Dilation, ductal	Cystic		Published
Male Reproductive	Efferent ducts; Epididymis	Edema			Published



Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Efferent ducts; Epididymis	Hypoplasia		Segmental aplasia; Segmental agenesis	Published
Male Reproductive	Efferent ducts; Epididymis	Infiltrate, inflammatory cell	Lymphocytic; Neutrophilic; Plasmacytic; Mixed inflammatory cell	Lymphocytic infiltrate, mononuclear cell infiltrate, inflammation	Published
Male Reproductive	Efferent ducts; Epididymis	Inflammation	Neutrophilic; Lymphocytic; Lymphoplasmacytic; Mixed inflammatory cell. Other modifiers include purulent or granulomatous	Epididymitis	Published
Male Reproductive	Efferent ducts; Epididymis	Metaplasia, squamous cell			Published
Male Reproductive	Efferent ducts; Epididymis	Necrosis/inflammation, vascular/perivascular		Vasculitis; Arteritis; Perivascular inflammation; Periarteritis; Polyarteritis nodosa	Published
Male Reproductive	Efferent ducts; Epididymis	Single cell necrosis, epithelial		Apoptosis	Published
Male Reproductive	Efferent ducts; Epididymis	Sperm granuloma		Spermatic granuloma, spermatogenic epididymitis	Published
Male Reproductive	Efferent ducts; Epididymis	Sperm stasis			Published
Male Reproductive	Efferent ducts; Epididymis	Spermatocele		Cyst; Sperm retention cyst	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Efferent ducts; Epididymis	Vacuolation, epithelial	Macrovesicular; Microvesicular; Basophilic	Vacuolar degeneration; Vesicular degeneration; Hydropic degeneration; Basophilic degeneration	Published
Male Reproductive	Epididymis	Adenoma, Leydig cell		Tumor, Leydig cell, benign; Tumor, interstitial cell, benign	Published
Male Reproductive	Epididymis	Adenosis			Published
Male Reproductive	Epididymis	Karyomegaly		Karyocytomegaly	Published
Male Reproductive	Epididymis	Reduced sperm, luminal		Hypospermia; Oligospermia; Aspermia; Reduced spermatids	Published
Male Reproductive	Epididymis	Sarcoma, histiocytic		Reticulum cell sarcoma; Histiocytic lymphoma; Histiogenic tumor	Published
Male Reproductive	Prostate	Carcinosarcoma		Poorly differentiated adenocarcinoma, sarcomatoid carcinoma, epithelial mesenchymal tumor	Published
Male Reproductive	Prostate	Tumor, neuroendocrine, malignant		Carcinoma with predominantly neuroepithelial differentiation	Published
Male Reproductive	Prostate; Coagulating gland	Carcinoma, squamous cell	Adenosquamous		Published
Male Reproductive	Prostate; Coagulating gland	Papilloma, squamous cell			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Prostate; Seminal vesicle	Mesenchymal proliferative lesion		Vegetative lesion; Mesenchymal tumor; Decidual-like reaction; Undifferentiated sarcoma; Leiomyosarcoma; Leiomyoblastoma; Carcinosarcoma	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Adenocarcinoma			Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Adenoma			Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Hyperplasia, functional		Adaptive hyperplasia; Simple hyperplasia	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Hyperplasia, reactive		Hyperplasia; Regenerative hyperplasia	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Tumor, granular cell, benign		Abrikosoff's tumor; Myoblastoma, benign	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Tumor, granular cell, malignant			Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland	Vacuolation, epithelial	Macrovesicular; Microvesicular	Vacuolar degeneration, vesicular or hydropic degeneration	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Ampullary gland	Hyperplasia, atypical		Focal hyperplasia; Prostatic intraepithelial neoplasia (PIN); Adenomatous hyperplasia; Dysplasia	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Amyloid		Amyloidosis	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Aplasia		Agenesis	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Atrophy	Acinar; Vesicle; Cystic		Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Concretions		Mineralized deposits; Corpora amylacea	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Dilation, acinar/vesicle	Cystic	Acinar distension; Cystic dilation; Cysts; Distended vesicle	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Fibrosis, stromal			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Hypoplasia			Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Infiltrate, inflammatory cell	Lymphocytic; Neutrophilic; Plasmacytic; Mixed inflammatory cell	Lymphoid infiltrate; Mononuclear cell infiltrate; Inflammation	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Inflammation	Neutrophilic; Lymphocytic; Lymphoplasmacytic; Mixed cell. Other modifiers include purulent, or granulomatous	Prostatitis; Abscesses; Seminal vesiculitis; Granulomatous inflammation	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Inflammation, vascular/perivascular		Vasculitis; Arteritis; Perivascular inflammation; Periarteritis; Polyarteritis nodosa	Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Metaplasia	Mucinous; Squamous cell; Transitional cell		Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Necrosis			Published
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland	Single cell necrosis, epithelial		Apoptosis	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Prostate; Seminal vesicle; Coagulating gland; Bulbourethral gland; Urethral glands	Angiectasis			Published
Male Reproductive	Seminal vesicle	Tumor, epithelial-stromal, benign			Published
Male Reproductive	Testis	Adenoma, Leydig cell	Retiform (in rat)	Tumor, Leydig cell, benign; Tumor, interstitial cell; Tumor, benign; Interstitial cell adenoma	Published
Male Reproductive	Testis	Adenoma, rete testis			Published
Male Reproductive	Testis	Agenesis		Aplasia	Published
Male Reproductive	Testis	Amyloid			Published
Male Reproductive	Testis	Angiectasis			Published
Male Reproductive	Testis	Atrophy, Leydig cell		Decreased size/number of Leydig (interstitial) cells	Published
Male Reproductive	Testis	Atrophy, tubular		Sertoli cell&ndash;only tubules	Published
Male Reproductive	Testis	Carcinoma, embryonal			Published
Male Reproductive	Testis	Carcinoma, Leydig cell		Tumor, Leydig cell, malignant; Interstitial cell tumor, malignant	Published
Male Reproductive	Testis	Carcinoma, rete testis			Published
Male Reproductive	Testis	Carcinoma, yolk sac, malignant			Published
Male Reproductive	Testis	Choriocarcinoma			Published
Male Reproductive	Testis	Cryptorchidism		Undescended testis; Failure of testicular descent	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Testis	Degeneration, germ cell	Spermatogonia; Spermatocytes; Round spermatids; Elongating spermatids	Apoptosis; Single cell necrosis	Published
Male Reproductive	Testis	Degeneration, tubular			Published
Male Reproductive	Testis	Degeneration/atrophy, tubular			Published
Male Reproductive	Testis	Depletion, germ cell	Spermatogonia; Spermatocytes; Round spermatids; Elongating spermatids		Published
Male Reproductive	Testis	Dilation, rete testis			Published
Male Reproductive	Testis	Dilation, tubular			Published
Male Reproductive	Testis	Edema			Published
Male Reproductive	Testis	Exfoliation, germ cell			Published
Male Reproductive	Testis	Fibrosis			Published
Male Reproductive	Testis	Hyperplasia, Leydig cell		Hyperplasia, interstitial cell	Published
Male Reproductive	Testis	Hyperplasia, mesothelium			Published
Male Reproductive	Testis	Hyperplasia, rete testis			Published
Male Reproductive	Testis	Hypoplasia			Published
Male Reproductive	Testis	Inflammation	Neutrophilic; Lymphocytic; Mixed cell; Granulomatous	Inflammatory cell infiltrate	Published
Male Reproductive	Testis	Mesothelioma, malignant			Published
Male Reproductive	Testis	Mineralization			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Testis	Multinucleated giant cells		Synplasts; Syncytial cells; <span class="updated">Multinucleated germ cells</span>	Modified after publication
Male Reproductive	Testis	Necrosis, Leydig cell			Published
Male Reproductive	Testis	Necrosis, testis			Published
Male Reproductive	Testis	Necrosis, tubular			Published
Male Reproductive	Testis	Necrosis/inflammation, vascular/perivascular		Vasculitis; Arteritis; Perivascular inflammation; Periarteritis; Polyarteritis nodosa	Published
Male Reproductive	Testis	Pigment		Hemosiderosis; Lipofuscinosis	Published
Male Reproductive	Testis	Residual bodies, atypical		Enlarged residual bodies	Published
Male Reproductive	Testis	Retention, spermatid		Delayed spermiation	Published
Male Reproductive	Testis	Seminoma, benign		Spermatocytoma; Spermatocytic seminoma	Published
Male Reproductive	Testis	Seminoma, malignant		Germinoma; Spermatoblastoma; Spermatocytoma	Published
Male Reproductive	Testis	Sperm granuloma			Published
Male Reproductive	Testis	Spermatocele		Sperm cyst	Published
Male Reproductive	Testis	Stasis, sperm		Sperm impaction	Published
Male Reproductive	Testis	Teratoma, benign			Published
Male Reproductive	Testis	Teratoma, malignant			Published
Male Reproductive	Testis	Tumor, granulosa cell, benign			Published
Male Reproductive	Testis	Tumor, mixed Sertoli-Leydig cell, benign			Published



Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Male Reproductive	Testis	Tumor, Sertoli cell, benign		Tubular adenoma; Sustentacular cell tumor; Sex cord stromal tumor; Gonadal stromal tumor; Androblastoma; Arrhenoblastoma	Published
Male Reproductive	Testis	Tumor, Sertoli cell, malignant		Tubular carcinoma; Sustentacular cell tumor; Sex-cord stromal tumor; Gonadal stromal tumor; Androblastoma; Arrhenoblastoma	Published
Male Reproductive	Testis	Vacuolation, Leydig cell			Published
Male Reproductive	Testis	Vacuolation, macrophage			Published
Male Reproductive	Testis	Vacuolation, tubular			Published
Soft Tissue	Adipose tissue	Atrophy	Serous; Muroid	Lipoatrophy; Fat atrophy	Published
Soft Tissue	Adipose tissue	Hyperplasia, adipose tissue		Polymorphic adipose tissue	Published
Soft Tissue	Adipose tissue	Infiltrate, inflammatory cell	Mononuclear cell; Lymphocyte; Neutrophil; Eosinophil; Plasma cell; Polymorphonuclear cell; Mixed cell	Aggregate	Published
Soft Tissue	Adipose tissue	Inflammation	Neutrophil (purulent); Lymphocyte (non-purulent); Eosinophil; Plasma cell; Mononuclear cell; Mixed cell; Granulomatous	Abscess; Granulation tissue; Granuloma	Published
Soft Tissue	Adipose tissue	Inflammation, lipogranulomatous		Steatitis; Obesity-associated inflammation	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Soft Tissue	Adipose tissue	Necrosis		Fat necrosis	Published
Soft Tissue	Mesothelium	Hyperplasia			Published
Soft Tissue	Mesothelium	Mesothelioma, malignant	Epithelioid type; Sarcomatoid type; Biphasic type		Published
Soft Tissue	Skeletal muscle	Atrophy		Denervation atrophy; Disuse atrophy; Nutritional atrophy; Age-related atrophy	Published
Soft Tissue	Skeletal muscle	Degeneration		Myopathy; Myopathic changes; Cytopathic changes	Published
Soft Tissue	Skeletal muscle	Hypertrophy			Published
Soft Tissue	Skeletal muscle	Infiltrate, inflammatory cell	Mononuclear cell; Lymphocyte; Neutrophil; Eosinophil; Plasma cell; Polymorphonuclear cell; Mixed cell	Aggregate	Published
Soft Tissue	Skeletal muscle	Inflammation	Neutrophil (purulent); Lymphocyte (non-purulent); Eosinophil; Plasma cell; Mononuclear cell; Mixed cell; Granulomatous	Abscess; Granulation tissue; Granuloma	Published
Soft Tissue	Skeletal muscle	Mineralization			Published
Soft Tissue	Skeletal muscle	Necrosis			Published
Soft Tissue	Skeletal muscle	Vacuolation		Myopathy; Myopathic changes; Cytopathic changes	Published
Soft Tissue	Soft tissue	Amyloid			Published
Soft Tissue	Soft tissue	Fibroma		Benign fibrous histiocytoma	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Soft Tissue	Soft tissue	Fibroplasia			Published
Soft Tissue	Soft tissue	Fibrosarcoma			Published
Soft Tissue	Soft tissue	Fibrosarcoma, pleomorphic		Malignant fibrous histiocytoma	Published
Soft Tissue	Soft tissue	Fibrosis		Scar formation; Sclerosis	Published
Soft Tissue	Soft tissue	Hibernoma		Brown fat tumor	Published
Soft Tissue	Soft tissue	Hyperplasia, smooth muscle			Published
Soft Tissue	Soft tissue	Infiltrate, inflammatory cell	Mononuclear cell; Lymphocyte; Neutrophil; Eosinophil; Plasma cell; Polymorphonuclear cell; Mixed cell	Aggregate	Published
Soft Tissue	Soft tissue	Inflammation	Neutrophil (purulent); Lymphocyte (non-purulent); Eosinophil; Plasma cell; Mononuclear cell; Mixed cell; Granulomatous	Abscess; Granulation tissue; Granuloma	Published
Soft Tissue	Soft tissue	Leiomyoma			Published
Soft Tissue	Soft tissue	Leiomyosarcoma			Published
Soft Tissue	Soft tissue	Lipoma	Angiomatous type		Published
Soft Tissue	Soft tissue	Liposarcoma			Published
Soft Tissue	Soft tissue	Mesenchymoma, malignant		Mixed sarcoma	Published
Soft Tissue	Soft tissue	Metaplasia	Osseous; Cartilaginous type		Published
Soft Tissue	Soft tissue	Mineralization		Calcification	Published
Soft Tissue	Soft tissue	Necrosis			Published
Soft Tissue	Soft tissue	Rhabdomyosarcoma			Published
Soft Tissue	Soft tissue	Sarcoma, NOS (Not otherwise specified)			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Integument	Skin; Cutaneous adnexa	Adenoma, sebaceous cell		Sebaceous gland adenoma	Published
Integument	Skin; Cutaneous adnexa	Atrophy, adnexal		Alopecia; Fading follicles	Published
Integument	Skin; Cutaneous adnexa	Carcinoma, basal cell	Basosquamous type; Solid type	Tumor, basal cell, malignant	Published
Integument	Skin; Cutaneous adnexa	Carcinoma, eccrine gland		Primary adenoid cystic carcinoma	Published
Integument	Skin; Cutaneous adnexa	Carcinoma, sebaceous cell			Published
Integument	Skin; Cutaneous adnexa	Dysplasia, adnexal		Abnormal development	Published
Integument	Skin; Cutaneous adnexa	Hyperkeratosis, adnexal		Chloracne; Hypercornification	Published
Integument	Skin; Cutaneous adnexa	Hyperplasia, adnexal	Hair follicle; Sebaceous gland	Sebaceous hyperplasia	Published
Integument	Skin; Cutaneous adnexa	Inflammation, adnexal	Lymphocytic; Neutrophilic; Eosinophilic; Granulomatous	Folliculitis; Perifolliculitis; Adenitis; Periadenitis; Furunculosis	Published
Integument	Skin; Cutaneous adnexa	Keratoacanthoma		Infundibular keratinizing acanthoma; Intracutaneous cornifying epithelioma	Published
Integument	Skin; Cutaneous adnexa	Necrosis, adnexal	Single cell type; Diffuse type	Vacuolar degeneration	Published
Integument	Skin; Cutaneous adnexa	Tumor, basal cell, benign	Basosquamous type; Trichoblastoma type; Granular type	Basalioma; Basal cell adenoma; Trichoblastoma; Basosquamous tumor	Published
Integument	Skin; Cutaneous adnexa	Tumor, hair follicle, benign	Trichofolliculoma type; Trichoepithelioma type; Tricholemmoma type; Pilomatricoma type	Trichoepithelioma; Tricholemmoma; Pilomatricoma; Trichofolliculoma	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Integument	Skin; Dermis and subcutis	Atrophy, dermal			Published
Integument	Skin; Dermis and subcutis	Edema, dermal			Published
Integument	Skin; Dermis and subcutis	Elastosis			Published
Integument	Skin; Dermis and subcutis	Hyperplasia, melanocyte			Published
Integument	Skin; Dermis and subcutis	Melanoma, benign		Melanocytoma	Published
Integument	Skin; Dermis and subcutis	Melanoma, malignant	Amelanotic type	Melanosarcoma; Melanocytic tumor	Published
Integument	Skin; Epidermis	Atrophy, epidermal		Epidermal thinning	Published
Integument	Skin; Epidermis	Carcinoma, squamous cell	Well differentiated type; Moderately differentiated type; Poorly differentiated type	Epidermoid carcinoma	Published
Integument	Skin; Epidermis	Cyst, squamous		Epidermal cyst; Horn cyst; Keratin cyst	Published
Integument	Skin; Epidermis	Edema, intercellular, epidermal		Spongiosis	Published
Integument	Skin; Epidermis	Edema, intracellular, epidermal		Hydropic degeneration; Vesicular degeneration; Vacuolar degeneration; Ballooning degeneration; Reticular degeneration	Published
Integument	Skin; Epidermis	Erosion/ulcer			Published
Integument	Skin; Epidermis	Hyperkeratosis, epidermal	Orthokeratotic; Parakeratotic; Crust		Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Integument	Skin; Epidermis	Hyperplasia, epidermal	With cellular atypia	Acanthosis; Squamous hyperplasia; Epidermal hyperplasia	Published
Integument	Skin; Epidermis	Infiltrate, inflammatory cell, epidermal	Lymphocytic; Mononuclear; Neutrophilic; Eosinophilic	Exocytosis	Published
Integument	Skin; Epidermis	Necrosis, epidermal	Full thickness type; Single cell type	Necrolysis (full thickness type); Sunburn cells	Published
Integument	Skin; Epidermis	Papilloma, squamous cell	Exophytic; Endophytic; With cellular atypia; Non-keratinizing		Published
Integument	Skin; Epidermis	Pustule	Lymphocytic; Mononuclear; Neutrophilic; Eosinophilic	Microabscess	Published
Integument	Skin; Epidermis	Vesicle		Bulla; Cleft; Reticular degeneration	Published
Female Reproductive	Ovary	Adenoma, rete ovarii			Published
Female Reproductive	Ovary	Adenoma, tubulostromal		Tubular adenoma	Published
Female Reproductive	Ovary	Age-related atrophy			Published
Female Reproductive	Ovary	Amyloid		Amyloidosis	Published
Female Reproductive	Ovary	Angiectasis		Vascular ectasia; Telangiectasis	Published
Female Reproductive	Ovary	Atretic follicles, increased number	Primordial; Primary; Secondary; Vesicular; Tertiary; Atretic	Follicular degeneration	Published
Female Reproductive	Ovary	Atrophy			Published
Female Reproductive	Ovary	Atrophy, corpora lutea		Small corpora lutea	Published
Female Reproductive	Ovary	Carcinoma, tubulostromal			Published
Female Reproductive	Ovary	Cyst, bursal			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Ovary	Cyst, epithelial		Cyst, simple; Cyst, epidermoid; Cyst epithelial inclusion	Published
Female Reproductive	Ovary	Cyst, follicular			Published
Female Reproductive	Ovary	Cyst, luteal			Published
Female Reproductive	Ovary	Cyst, paraovarian			Published
Female Reproductive	Ovary	Cyst, rete ovarii			Published
Female Reproductive	Ovary	Cystadenocarcinoma			Published
Female Reproductive	Ovary	Cystadenoma			Published
Female Reproductive	Ovary	Decreased number/absent corpora lutea	Old; New; Recent		Published
Female Reproductive	Ovary	Decreased number/absent follicles	Primordial; Primary; Secondary; Vesicular; Tertiary; Atretic		Published
Female Reproductive	Ovary	Degeneration, corpora lutea			Published
Female Reproductive	Ovary	Degeneration, oocyte			Published
Female Reproductive	Ovary	Dysgerminoma		Ovarian seminoma	Published
Female Reproductive	Ovary	Ectopic tissue			Published
Female Reproductive	Ovary	Edema			Published
Female Reproductive	Ovary	Follicle, luteinized	Cystic	Luteinized, nonovulatory follicle; Luteinized unruptured follicle	Published
Female Reproductive	Ovary	Follicle, polyovular			Published
Female Reproductive	Ovary	Hyperplasia, cystic/papillary		Hyperplasia, papillary; Hyperplasia, cystic	Published
Female Reproductive	Ovary	Hyperplasia, granulosa cell			Published
Female Reproductive	Ovary	Hyperplasia, interstitial cell			Published
Female Reproductive	Ovary	Hyperplasia, rete ovarii			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Ovary	Hyperplasia, Sertoli cell			Published
Female Reproductive	Ovary	Hyperplasia, sex cord stromal, mixed	Diffuse; Focal		Published
Female Reproductive	Ovary	Hyperplasia, smooth muscle, mesovarial			Published
Female Reproductive	Ovary	Hyperplasia, theca cell			Published
Female Reproductive	Ovary	Hyperplasia, tubulostromal		Hyperplasia, epithelial	Published
Female Reproductive	Ovary	Hypertrophy, corpora lutea		Enlarged corpora lutea; Activated corpora lutea; Pseudopregnancy	Published
Female Reproductive	Ovary	Hypertrophy, interstitial cell			Published
Female Reproductive	Ovary	Immaturity			Published
Female Reproductive	Ovary	Increased number, corpora lutea		Retained corpora lutea	Published
Female Reproductive	Ovary	Infiltrate, inflammatory cell	Eosinophilic; Histiocytic; Neutrophilic; Lymphocytic; Mononuclear; Mixed		Published
Female Reproductive	Ovary	Inflammation, ovary	Neutrophilic; Lymphocytic; Mononuclear; Mixed. Other modifiers include suppurative, granulomatous	Oophoritis	Published
Female Reproductive	Ovary	Leiomyoma, mesovarial			Published
Female Reproductive	Ovary	Luteoma, benign		Gonadal stromal sex cord tumor, benign, luteoma type; Luteinized granulosa cell tumor, benign	Published



Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Ovary	Mineralization	Oocyte; Corpus luteum; Interstitial cell		Published
Female Reproductive	Ovary	Ovotestis		Intersex; Hermaphroditism	Published
Female Reproductive	Ovary	Pigment	Hemosiderin; Lipofuscin; Ceroid. Alternatively, if pigment isn't definitively identified, colors can be used as modifiers		Published
Female Reproductive	Ovary	Thecoma, benign		Tumor, sex cord stromal, benign, thecoma type; Tumor, theca cell, benign	Published
Female Reproductive	Ovary	Thecoma, malignant		Tumor, sex cord stromal, malignant, thecoma type; Tumor, theca cell, malignant	Published
Female Reproductive	Ovary	Tumor, granulosa cell, benign		Tumor, sex cord stromal, benign, granulosa cell type	Published
Female Reproductive	Ovary	Tumor, granulosa cell, malignant		Gynoblastoma; Tumor, sex cord stromal, malignant, granulosa cell type	Published
Female Reproductive	Ovary	Tumor, Sertoli cell, benign		Tumor, gonadal stromal, benign; Tumor, sex cord stromal, benign; Tumor, sex cord stromal, benign, Sertoli type; Tumor, sustentacular, benign; Sertoliform tubular adenoma	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Ovary	Tumor, Sertoli cell, malignant		Androblastoma; Arrhenoblastoma; Tumor, gonadal stromal, malignant; Tumor, sex cord stromal, malignant; Tumor, sex cord stromal, malignant, Sertoli type; Tumor, sustentacular, malignant	Published
Female Reproductive	Ovary	Tumor, sex cord stromal, mixed, benign			Published
Female Reproductive	Ovary	Tumor, sex cord stromal, mixed, malignant		Gonadal stromal tumor, malignant; Granulosa-thecal cell tumor, malignant; Mixed tumor, malignant	Published
Female Reproductive	Ovary	Vacuolation, corpora lutea			Published
Female Reproductive	Ovary	Vacuolation, granulosa cell	Increased; Decreased	Fatty change	Published
Female Reproductive	Ovary	Vacuolation, interstitial cell	Increased; Decreased	Fatty change	Published
Female Reproductive	Ovary	Vacuolation, theca cell	Increased; Decreased		Published
Female Reproductive	Ovary; Uterus	Teratoma, benign		Benign cystic teratoma; Dermoid cyst; Mature teratoma	Published
Female Reproductive	Ovary; Uterus	Teratoma, malignant		Immature teratoma; Cystic teratoma	Published
Female Reproductive	Ovary; Uterus; Uterine cervix	Carcinoma, embryonal			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Ovary; Uterus; Uterine cervix	Carcinoma, yolk sac		Tumor, endodermal sinus, malignant; Tumor, yolk sac, malignant	Published
Female Reproductive	Ovary; Uterus; Uterine cervix	Choriocarcinoma		Chorioepithelioma, malignant	Published
Female Reproductive	Ovary; Uterus; Uterine cervix; Vagina	Cyst, NOS			Published
Female Reproductive	Oviduct	Atrophy			Published
Female Reproductive	Oviduct	Hyperplasia, epithelial cell			Published
Female Reproductive	Oviduct	Inflammation, oviduct	Neutrophilic; Lymphocytic; Mononuclear; Mixed. Other modifiers include suppurative, granulomatous		Published
Female Reproductive	Oviduct	Salpingitis isthmica nodosa		SIN, diverticulosis	Published
Female Reproductive	Oviduct; Uterus; Uterine cervix; Vagina	Infiltrate, inflammatory cell	Eosinophilic; Histiocytic; Neutrophilic; Lymphocytic; Mononuclear; Mixed		Published
Female Reproductive	Uterine cervix	Hyperplasia, stroma			Published
Female Reproductive	Uterine cervix	Hypertrophy, stroma		Hypertrophy of the Portio Vaginalis	Published
Female Reproductive	Uterine cervix	Sarcoma, stromal			Published
Female Reproductive	Uterine cervix; Vagina	Adenosis		Adenomatous differentiation; Adenomatous hyperplasia	Published
Female Reproductive	Uterine cervix; Vagina	Aggregate, granular cell			Published
Female Reproductive	Uterine cervix; Vagina	Atrophy, epithelial			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Uterine cervix; Vagina	Degeneration, epithelial			Published
Female Reproductive	Uterine cervix; Vagina	Erosion/ulcer			Published
Female Reproductive	Uterine cervix; Vagina	Increased keratinization		Cornification; Hyperkeratosis; Hyperkeratinization	Published
Female Reproductive	Uterine cervix; Vagina	Increased mucification		Hypermucification	Published
Female Reproductive	Uterine cervix; Vagina	Keratoacanthoma	Keratinizing; Non-keratinizing	Epithelioma	Published
Female Reproductive	Uterine cervix; Vagina	Necrosis, epithelial			Published
Female Reproductive	Uterine cervix; Vagina	Vacuolation, epithelial			Published
Female Reproductive	Uterus	Abscess(es)			Published
Female Reproductive	Uterus	Adenoma, endometrial			Published
Female Reproductive	Uterus	Adenomyosis			Published
Female Reproductive	Uterus	Amyloid			Published
Female Reproductive	Uterus	Angiectasis			Published
Female Reproductive	Uterus	Aplasia, segmental		Agensis, partial; Dysgenesis	Published
Female Reproductive	Uterus	Apoptosis	Endometrial; Luminal; Epithelial; Glandular; Stromal		Published
Female Reproductive	Uterus	Decidual reaction		Deciduoma; Decidual nodule, Decidual alteration	Published
Female Reproductive	Uterus	Decidualization, focal		Stromal pseudodecidualization, focal; Decidual alteration	Published
Female Reproductive	Uterus	Dilation, glandular, cystic	Cystic		Published
Female Reproductive	Uterus	Dilation, luminal		Hydrometra, dilatation	Published
Female Reproductive	Uterus	Fibrosis	Myometrial; Stromal	Hyalinization, stromal	Published
Female Reproductive	Uterus	Granuloma			Published
Female Reproductive	Uterus	Hyperplasia, angiomatous		Angiomatous hyperplasia	Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Uterus	Hyperplasia, endometrial stromal		Endometrial stromal hyperplasia	Published
Female Reproductive	Uterus	Hyperplasia, endometrial, diffuse			Published
Female Reproductive	Uterus	Hyperplasia, glandular, cystic	Cystic; Endometrial	Cystic endometrial hyperplasia; CEH	Published
Female Reproductive	Uterus	Hyperplasia, glandular, focal	Atypical	Adenomatous hyperplasia; Atypical glandular hyperplasia	Published
Female Reproductive	Uterus	Hyperplasia, myometrial		Myometrial hyperplasia	Published
Female Reproductive	Uterus	Hypertrophy, epithelial			Published
Female Reproductive	Uterus	Hypertrophy, myometrial			Published
Female Reproductive	Uterus	Hypoplasia	Endometrial; Epithelial		Published
Female Reproductive	Uterus	Inflammation, endometrium	Neutrophilic; Lymphocytic; Mononuclear; Mixed. Other modifiers include suppurative, granulomatous	Endometritis	Published
Female Reproductive	Uterus	Inflammation, myometrium	Neutrophilic; Lymphocytic; Mononuclear; Mixed. Other modifiers include suppurative, granulomatous	Myometritis	Published
Female Reproductive	Uterus	Mesonephric duct remnants		Persistent Mesonephric ducts	Published
Female Reproductive	Uterus	Metaplasia, squamous cell	Non-keratinizing; Keratinizing	Squamous cell metaplasia	Published
Female Reproductive	Uterus	Necrosis	Endometrial; Myometrial		Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Uterus	Pigment	Hemosiderin; Ceroid; Lipofuscin/ceroid. Alternatively, if pigment isn't definitively identified, colors can be used as modifiers		Published
Female Reproductive	Uterus	Pyometra			Published
Female Reproductive	Uterus	Sarcoma, endometrial stromal		Sarcoma, mesenchymal; Sarcoma, uterine	Published
Female Reproductive	Uterus	Sarcoma, histiocytic		Reticulum cell sarcoma	Published
Female Reproductive	Uterus	Vacuolation, epithelial cell			Published
Female Reproductive	Uterus; Uterine cervix	Adenocarcinoma, endometrial		Endometrial Carcinoma; Endometrial Adenocarcinoma	Published
Female Reproductive	Uterus; Uterine cervix	Carcinoma, adenosquamous		Adenoacanthoma, malignant	Published
Female Reproductive	Uterus; Uterine cervix	Polyp, endometrial stromal		Tumor, endometrial stromal, benign; Tumor, stromal, benign	Published
Female Reproductive	Uterus; Uterine cervix	Polyp, glandular		Polyp, adenomatous	Published
Female Reproductive	Uterus; Uterine cervix	Tumor, mixed Müllerian, benign	Homologous; Heterologous	Benign mixed mesodermal tumor	Published
Female Reproductive	Uterus; Uterine cervix	Tumor, mixed Müllerian, malignant	Homologous; Heterologous	Malignant mixed mesodermal tumor; Carcinosarcoma	Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Atrophy	Epithelial; Endometrial; Myometrial; Stromal		Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Carcinoma, squamous cell	Keratinizing; Non- keratinizing	Carcinoma, epidermoid	Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Hyperplasia, granular cell			Published

Organ Working Group	Organs	Lesion	Modifier(s)	Synonym/other term	Status
Female Reproductive	Uterus; Uterine cervix; Vagina	Inflammation	Neutrophilic; Lymphocytic; Mononuclear; Mixed. Other modifiers include suppurative, granulomatous	Vaginitis; Cervicitis; Metritis	Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Leiomyoma	Myometrium; Mesovarium; Uterus		Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Leiomyosarcoma	Uterus		Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Papilloma, squamous cell	Keratinizing; Non- keratinizing		Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Prolapse			Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Schwannoma, benign		Neurilemmoma, benign; Neurinoma, benign	Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Schwannoma, malignant		Neurilemmoma, malignant; Neurinoma, malignant	Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Tumor, granular cell, benign		Abrikossoff's tumor, benign; Myoblastoma	Published
Female Reproductive	Uterus; Uterine cervix; Vagina	Tumor, granular cell, malignant			Published
Female Reproductive	Vagina	Hyperplasia, epithelial	Basal cell; Squamous cell		Published
Female Reproductive	Vagina	Imperforate vagina		Imperforate hymen; Persistent hymen	Published
Female Reproductive	Vagina	Polyp, vaginal		Polyp, squamous	Published
Female Reproductive	Vagina	Prostatic rudiment		Skene's glands; Skene's paraurethral glands; Female prostate	Published