

**MARINE MAMMAL GROSS NECROPSY LONG FORM**

ACCESSION #: SDD-20110721-LA001	NECROPSY DATE: 3/15/11
NAME:	PROSECTOR(S): F. Gulland, M. Barbieri, L. Rust, T. Norris, D. Greig, H. Tunnicliffe

- Circle one: "N" = normal; "A" = abnormal; "U" = unsure; "NE" = not examined; "NA" = not applicable
- Complete required fields of "Content"; "Life History"; "Congenital", and "Parasites"
- Describe "abnormal" or "unsure" findings
- Describe as if to a blind person, without interpretation. Any interpretation / questions can be placed in parenthesis.
- Consider: (1) lesion, (2) location within the body and symmetry, (3) distribution within the organ, (4) relationship to other organs/lesions, (5) approximate percent of organ affected/ severity, (6) amount/size/size range, (7) degree of demarcation, (8) shape/structure, (9) texture/consistency, (10) homogeneity, (11) color & odor

**HAIR COAT AND INTEGUMENT:**                      N (A) / U / NE / NA

**LIFE HISTORY:** Lanugo/ Blackcoat (part./complete); Molt (part./complete); Guard Hair loss; Hair Coat not developed  
**DEVELOPMENTAL (FETAL) CHARACTERISTICS:** (Circle if present) Eyebrows, Muzzle whiskers, Chin whiskers, Nails, Fetal folds, Other notations: \_\_\_\_\_

**Finding:** Ectoparasites (mite, lice, barnacle, tick) (<10, 10-20, 20-50, >50), Discolored, Patchy, Alopecia, Surgical incision, Penetrating wound, Foreign body, Laceration / Rake marks, Abrasion, Erosion / Ulcer, Scar, Vesicle / Pustule, Plaque, Abnormal foci, Mass, Abscess, Cyst (fluid filled / empty), Fluid (edema), Scavenging, Bruising (Hemorrhage, Petechia)

**Description & Comments:** Superficial abrasions @ (A) lateral flank & peduncle, leading edge of (B) pec slipper, leading edge & ventral surface of (C) fluke lobe.

**DISCHARGES:**                                      (Absent) circle and describe if Present:

**OCULAR, NASAL, AURICULAR, ORAL, PENILE/ VULVAR, ANAL, OTHER:** \_\_\_\_\_  
 Note Color and Consistency: \_\_\_\_\_

**UMBILICUS:** Present/ (Absent)                                      N / A / U / NE / NA

**LIFE HISTORY:** Umbilical stump: Patent (partly / completely), Closed, Moist / Dry; Length: \_\_\_\_\_  
 Falciform ligament (umbilical vein)/ Umb arteries: Patent (partly / completely), Closed  
 Urachal ligament (urachus): Patent (partly / completely), Closed

**Finding:** Hernia (of: \_\_\_\_\_), Discharge, Discolored, Swollen / Thickened, Erosion / Ulcer, Scar, Vesicle/ Pustule, Abnormal foci, Mass, Fluid (edema), Other: \_\_\_\_\_

**Description & Comments:** \_\_\_\_\_

**BLUBBER:**                                      N (A) / U / NE / NA

**Finding:** Parasites (<10, 10-20, 20-50, >50), Discolored, Penetrating wound, Laceration, Abrasion, Abnormal foci, Mass, Abscess, Cyst (fluid filled / empty), Fluid (edema), Scavenging, Bruising (Hemorrhage, Petechia), Necrotic fat

**Description & Comments:** tan/pink coloration in deeper half of blubber layer

**SKELETAL MUSCLE:**                                      (N) A / U / NE / NA

**Finding:** Atrophy, Tear (partial / complete), Pale / Discolored/ Streaked, Abnormal foci, Edema, Hematoma, Hemorrhage, Mass, Abscess, Parasite (<10, 10-20, 20-50, >50), Other: \_\_\_\_\_

Extent: Tracking along fascia; Communicates with skin / blubber / bone / internal cavity

**Description & Comments:** \_\_\_\_\_

**EYES:** Right: N / A / U / NE Left: N / A / U / NE

Finding: Missing; Phthisis (shrunken); Buphthalmia (enlarged); Proptosis (out of socket); Desmetocoel (bulged); Rupture; Lens luxation; Anterior synechia; Material in anterior chamber (behind cornea); Foreign body; Corneal Opacity; Cataract; Conjunctivitis; Penetrating wound; Laceration; Abrasion; Erosion / Ulcer; Scar; Other: \_\_\_\_\_

Location: Conjunctiva; Third eyelid; Cornea; Anterior chamber; Lens; Entire globe; Periorbital soft tissue

Description & Comments: \_\_\_\_\_

**ORAL CAVITY AND NASOPHARYNX:** (N) / A / U / NE / NA

**TEETH:** Unerupted, Just erupting, Fully erupted, Canine vs. Incisor length: >, =, < Color: Black; Brown; White

Finding: Missing; Broken/Fractured; Worn (regular / irregular); Tartar / Plaque; Gingivitis; Discharge

**MUCOUS MEMBRANES;** Color: Red, Pink, Pale pink, White, Yellow, Blue, Other: \_\_\_\_\_

**TONSILS;** Color: \_\_\_\_\_, Enlarged/ Discharge/ Other: \_\_\_\_\_

**PARASITES:** Nasal mites (long / fat type; <10, 10-20, 20-50, >50); Other (<10, 10-20, 20-50, >50) \_\_\_\_\_

Other Findings: Laceration, Abrasion, Erosion / Ulcer, Scar, Vesicle / Pustule, Plaque, Abnormal foci, Mass, Abscess

Location: Lips (Upper / Lower); Tongue; Mucosa (Gumline / Bucal / Roof / Floor of mouth); Pharynx; Larynx

Description & Comments: \_\_\_\_\_

**THORACIC CAVITY:** N / (A) / U / NE / NA

Pericardial fat: Abundant, Fair amount, Reduced amount, None; Serous (gelatinous) change

Effusion: Slight, Moderate, Copious (approximate amt: \_\_\_\_\_ ml)

Liquid, Serous, Viscous, Clear, Opaque, Purulent, Flecks, Fibrin (stringy); COLOR: \_\_\_\_\_

Finding: Pneumothorax (communication with skin / abdomen), Penetrating wound, Foreign body, Adhesions (to lung, diaphragm, pericardium, other: \_\_\_\_\_), Discolored, Plaque, Abnormal foci, Mass

Description & Comments: \_\_\_\_\_

**SALIVARY GLANDS:** (N) / A / U / NE / NA

Finding: Swollen, Discolored, Abnormal foci, Mass, Abscess, Other: \_\_\_\_\_

Description & Comments: \_\_\_\_\_

<b>CRANIAL LYMPH NODES:</b>	Mandibular: (N) / A / U / NE / NA
Retropharyngeal: N / A / U / (NE) / NA	Cervical: N / A / U / (NE) / NA
Axillary: N / A / U / (NE) / NA	Sternal: N / A / U / (NE) / NA
Mediastinal: N / A / U / (NE) / NA	Tracheobronchial: (N) / A / U / NE / NA

Finding: Swollen (slight, moderate, marked), Discolored, Lymphoid hyperplasia (regular demarcated white foci, Abnormal foci, Mass, Abscess, Wet / Fluid (edema), Other: \_\_\_\_\_

Description & Comments: \_\_\_\_\_

**ESOPHAGUS:** (N) / A / U / NE / NA

CONTENT (AMOUNT / DESCRIBE): empty formula, fish, digesta, mucous, other: \_\_\_\_\_

Finding: Discolored, Penetrating wound, Foreign body, Erosion / Ulcer, Perforation, Proliferation, Thickened, Plaque, Abnormal foci, Mass, Dilated / Constriction, Obstruction, Parasites (<10, 10-20, 20-50, >50)

Location: Cervical (extra-thoracic), Thoracic, Lumen, Mucosa, Submucosa, Wall, Serosa (outer surface)

Description & Comments: \_\_\_\_\_

**THYROID: Right: (N) A / U / NE / NA Left: N / A / U (NE) / NA**

**Finding:** Enlarged, Discolored/ Pale, Abnormal foci, Mass, Cyst (fluid filled /empty), Other: \_\_\_\_\_

**Location** Left, Right; Symmetrical, Asymmetrical (R > L, L > R)

**Description & Comments:** \_\_\_\_\_

**THYMUS: N / A / U / NE / (NA)**

**LIFE HISTORY:** Involution, Prominent, Apparent

**Finding:** Atrophy, Hypertrophy, Discolored, Abnormal foci, Mass, Cyst (fluid filled /empty), Other: \_\_\_\_\_

**Description & Comments:** \_\_\_\_\_

**TRACHEA / BRONCHI / LUNGS: N (A) / U / NE / NA**

**CONTENT (AMOUNT / DESCRIBE):** Foam / Mucous / Blood / Pus / Digesta / Other: \_\_\_\_\_

Clear, Opaque; Color: \_\_\_\_\_; Other: \_\_\_\_\_

**PARASITES:** Parafilaroides (ND, 1+, 2+, 3+, (4+) 5+) / Otostrongylus ( ND, <10, 10-20, 10-50, >50 )

**Finding:** Discolored/ Pale, Abnormal foci, Mass, Dilation / Constriction, Depressed / Collapsed / Consolidated, Congested Expanded, Emphysema (air bubbles) / Bulla (air filled cyst), Clear foamy fluid/ Edema (small /lg airway / septa; slight, mod, copious), Infarct (pale / red / red margins), Thrombus (part /complete vessel occlusion; w/infarct), Abscess, Obstruction, Proliferation

**Location:** Trachea (cervical, thoracic), Bronchus, Lobe: R cranial / R middle / R caudal / L cranial / L caudal / All lobes Dorsal / Hilar, Ventral / Cranioventral, Mid / All regions, Pleura, Parenchyma, Interlobular (space between lobules)

**Description & Comments:** \_\_\_\_\_

**HEART / PULMONARY ARTERIES / AORTA : N / A / U / (NE) / NA**

**(DO NOT FORGET TO RECORD HEART WEIGHT AND WALL THICKNESS' ON SHORT FORM IF MEASURED)**

**PARASITES:** Otostrongylus/ Other: \_\_\_\_\_ ( <10, 10-20, 20-50, >50 )

**CONGENITAL:** Ductus arteriosus: Patent, Membrane covered but probe patent, Closed  
Foramen ovale: patent, probe patent but covered by membrane, closed  
Persistent left aortic arch: with esophageal dilation, without esophageal dilation  
Atrial / Ventricular septal defect (diameter defect: \_\_\_\_\_; diameter outflow tract: \_\_\_\_\_)  
Aortic / Pulmonic Constriction (valvular, above valve, below valve) (with post-constriction dilation)

**Pericardium:** **Effusion:** Slight, Moderate, Copious (approximate amt: \_\_\_\_\_ ml); COLOR: \_\_\_\_\_  
Liquid, Serous, Viscous, Clear, Opaque, Purulent, Flecks, Fibrin (stringy)

**Finding:** Discolored, Rupture, Proliferation, Thickened, Plaque, Abnormal foci, Mass, Other: \_\_\_\_\_

**Valves:** Smooth thickening (nodular / diffuse), Roughened thickening (flat /proliferative)  
Left AV valve, Aortic valve, Right AV valve, Pulmonic valve  
Plaques on atrium / vessel inner surface above valvular lesion (mild, moderate, severe)

**Epicardium, myocardium, endocardium:** **Finding:** Dilation (ventricle L/ R; atrium L/R), Wall thin / thick (ventricle L/R; atrium L/R), Left Side Flaccid, Infarct (pale / red / red margins), Thrombus (part / complete occlusion), Roughened inner surfa Pale / Discolored, Abnormal foci, Mass, Abscess, Other: \_\_\_\_\_

**Description & Comments:** \_\_\_\_\_

**ABDOMINAL CAVITY:** N / ~~(A)~~ U / NE / NA

**Abdominal fat (Perirenal, Omental):** Abundant, Fair amount, Reduced amount, None, Serous (gelatinous) change

**Effusion:** Slight, Moderate, Copious (approximate amt: \_\_\_\_\_ ml)

Liquid, Serous, Viscous, Clear, Opaque, Purulent, Flecks, Fibrin (stringy); COLOR: Red/purple

**Finding:** Pneumoabdomen (communication with skin / thorax), Penetrating wound, Foreign body / Ingesta (with or without GI rupture), Adhesions (to wall / organs: \_\_\_\_\_), Discolored, Plaque, Abnormal foci, Mass, Abscess,

**Location:** Peritoneum, Mesentery, Omentum

**Description & Comments:** \_\_\_\_\_

**LIVER:** (N) A / U / NE / NA

**PARASITES:** Flukes / Other: \_\_\_\_\_ (ND, 1+, 2+, 3+, 4+, 5+ or <10, 10-20, 20-50, >50)

**Finding:** Enlarged (slight, moderate, marked), Small, Capsular fibrosis, Fracture / Laceration, Discolored / Pale, Nutmeg appearance, Abnormal foci, Mass, Abscess, Cyst, Friable, Congested, Other: \_\_\_\_\_

**Location:** Lobe: Caudate / Right lateral / Right medial / Quadrate / Left medial / Left lateral / All lobes

Capsule, Subcapsular, Parenchyma

**Description & Comments:** \_\_\_\_\_

**GALL BLADDER, BILE DUCT, PANCREATODUODENAL DUCT:** N / A / U / (NE) NA

**PARASITES:** Flukes / Other: \_\_\_\_\_ (ND, 1+, 2+, 3+, 4+, 5+ or <10, 10-20, 20-50, >50)

**CONTENT:** Patent, Obstructed (by \_\_\_\_\_), Distended, Partly full, Empty

Bile: Liquid, Viscous, Inspisated, Gritty, Calculi (SAVE), Green (dark / light), Yellow, Orange, Black

**Finding:** Discolored, Ulcer / Erosion, Proliferation; Thickened, Plaque, Abnormal foci, Mass, Cyst, Dilated / Constricted,

**Description & Comments:** \_\_\_\_\_

**SPLEEN:** (N) / A / U / NE / NA

**Finding:** Engorged (slight, moderate, marked), Contracted, Fragments of (satellite) spleen, Capsular fibrosis / siderotic plaque, Lymphoid hyperplasia (regular discrete small white foci), Infarct (red / pale / red margin), Discolored / Mottled, Abnormal foci, Mass, Friable, Other: \_\_\_\_\_

**Location:** Head, Body, Tail, Capsule, Subcapsular, Parenchyma **Color:** \_\_\_\_\_

**Description & Comments:** \_\_\_\_\_

**PANCREAS:** N / A / U / (NE) NA

**Finding:** Loss of lobulation / Swollen, Small, Discolored / Pale, Abnormal foci, Mass, Other: \_\_\_\_\_

**Location:** Left arm of pancreas, Right arm of pancreas (against duodenum); I. / R.; Symmetrical, Asymmetrical (R>L, L>R)

**Description & Comments:** \_\_\_\_\_

**STOMACH:** N / A / U / (NE) NA

**STOMACH CONTENTS (AMOUNT / DESCRIBE / FUNDIC VS PYLORIC):** Empty, Dilated w/ gas, Mucous, Formula, Fluid, Sand/ Rocks, Fish, Cephalopods, Foreign bodies, Undigested, Partially digested, Digested, Other: \_\_\_\_\_

**PARASITES:** Nematodes: (<10, 10-20, 20-50, >50) with or without volcanic ulcer (mild, moderate, severe)

Other: \_\_\_\_\_ (<10, 10-20, 20-50, >50)

**Finding:** Discolored/ Pale, Penetrating wound, Foreign body, Rugae swollen / loss / thickened, Erosion / Ulcer / Volcanic ulcer, Perforation, Thickened, Plaque, Abnormal foci, Mass, Dilated / Constricted, Torsion, Obstruction

**Location:** Fundic / Pyloric / Non-glandular / Duod Ampulla; Lumen, Mucosa, Submucosa, Wall, Serosa (outer surface)

**Description & Comments:** collected whole

**SMALL INTESTINE:** (N) / A / U / NE / NA

**CONTENT (AMOUNT / DESCRIBE):** Empty, Digesta, Frank blood, Digested blood, Fluid, Other: gms / scant yellow digesta  
**PARASITES:** Type: \_\_\_\_\_ (<10, 10-20, 20-50, >50 or 1+, 2+, 3+, 4+)  
**Finding:** Discolored/ Pale/ Injected, Penetrating wound, Foreign body, Rugae swollen / loss / thickened, Erosion / Ulcer, Perforation, Thickened, Plaque, Abnormal foci, Mass, Dilated / Constricted, Torsion, Corrugated, Obstructed  
**Location:** Duodenum, Jejunum, Ileum; Lumen, Mucosa, Submucosa, Wall, Serosa (outer surface)  
**Description & Comments:** \_\_\_\_\_

**LARGE INTESTINE:** Cecum: (N) / A / U / NE / NA; Colon: (N) / A / U / NE / NA

**CONTENT (AMOUNT / DESCRIBE):** Empty, Feces: Normal (firm), thin/pasty, dry, tarry, meconium present  
Other: \_\_\_\_\_  
**PARASITES:** Type: \_\_\_\_\_ (<10, 10-20, 20-50, >50 or 1+, 2+, 3+, 4+)  
**Finding:** Discolored/ Pale, Penetrating wound, Foreign body, Rugae swollen / loss / thickened, Erosion / Ulcer, Perforation, Thickened, Plaque, Abnormal foci, Mass, Dilated / Constriction, Obstruction (by \_\_\_\_\_),  
**Location:** Lumen, Mucosa, Submucosa, Wall, Serosa (outer surface)  
**Description & Comments:** \_\_\_\_\_

**ABDOMINAL LYMPH NODES:** Gastric: N / A / U / (NE) / NA; Mesenteric: N / A / U / (NE) / NA;  
Renal: N / A / U / (NE) / NA; Iliac: N / A / U / (NE) / NA; Inguinal: N / A / U / (NE) / NA;

**Finding:** Swollen (slight, moderate, marked), Discolored/ Pale, Lymphoid hyperplasia (regular demarcated white foci), Abnormal foci, Mass, Abscess, Wet / Fluid (edematous); Other: \_\_\_\_\_  
**Location:** Left, Right, Symmetrical, Asymmetrical (R>L, L>R), Cortex, Medulla, Corticomedullary junction  
**Description & Comments:** \_\_\_\_\_

**ADRENAL GLAND:** Right: (N) / A / U / NE / NA Left: (N) / A / U / NE / NA

**CORTICOMEDULLARY RATIO:** Right: \_\_\_\_\_ Left: \_\_\_\_\_  
**Finding:** Enlarged/ Shrunken (slight, moderate, marked), Nodular cortical hyperplasia (mild, moderate, severe), Discolored / Pale, Abnormal foci, Mass, Abscess, Hemorrhagic, Striated  
**Location:** Cortex, Medulla, Corticomedullary junction; Left, Right; Symmetrical, Asymmetrical (R>L, L>R)  
**Description & Comments:** \_\_\_\_\_

**URINARY BLADDER and URETERS:** (N) / A / U / NE / NA

**BLADDER CONTENT:** Patent / Obstructed (by \_\_\_\_\_) / Distended / Partly full, Empty;  
Urine: Clear, Opaque, Yellow (dark/ light), Red-tinged Other: Gritty, Calculi (SAVE)  
**Findings:** Discolored/ Pale, Erosion / Ulcer, Dilated / Constricted, Rupture, Proliferation, Thickened, Plaque, Abnormal foci, Mass, Abscess, Cyst (fluid filled/ empty), Hydroureter, Calculi (SAVE)  
**Location:** Bladder: Apex (tip), Body, Trigone (outflow site) / Ureter; Lumen, Mucosa, Submucosa, Wall, Serosa  
**Description & Comments:** \_\_\_\_\_

**KIDNEY:** Right: (N) A / U / NE / NA Left: (N) A / U / NE / NA

**Finding:** Swollen / Shrunken (slight, moderate, marked), Hydronephrosis (distended pelvis), Loss of corticomedullary/renicular differentiation (slight, moderate, marked), Discolored / Pale, Infarct (red / pale / red margin), Cyst (fluid filled / empty), Hematoma, Thickened, Plaque, Abnormal foci, Mass, Abscess, Other: \_\_\_\_\_

**Location:** Cortex, Medulla, CM junction, Capsule, Subcapsule, Cranial / Caudal Poles

**Description & Comments:** \_\_\_\_\_

**URETHRA:** N / A / U / (NE) / NA

**CONTENT:** Patent, Obstructed (by \_\_\_\_\_) Gritty, Calculi (SAVE)

**Finding:** Discolored / Pale, Erosion / Ulcer, Dilated / Constricted, Thickened, Plaque, Abnormal foci, Mass, Abscess

**Description & Comments:** \_\_\_\_\_

**MALE REPRODUCTIVE TRACT:** NA

**Testes:** (N) A / U / NE **Scrotum:** N / A / U / (NE)

**Penis:** N / A / U / (NE) **Prostate:** N / A / U / (NE) **Prepuce:** N / A / U / (NE)

**LIFE HISTORY:** (Active (swollen)), Resting, Immature Testes: Undescended (abdomen/ inguinal canal)

**Finding:** Enlarged, Discolored / Pale, Cyst (fluid filled / empty), Obstructed (by \_\_\_\_\_), Prolapse, Perforation, Swollen / Thickened, Fluid-filled, Erosion / Ulcer, Plaque, Abnormal foci, Mass, Torsion, Laceration / Abrasion, Vesicle / Pustule, Fractured baculum, Hernia, Other: \_\_\_\_\_

**Location:** Testes; Epididymus (head / tail), Scrotum, Prostrate, Penis, Prepuce;

Left, Right, Symmetrical, Assymmetrical (R > L, L > R); Skin, Subcutis, Sac, Mucosa, Submucosa

**Description & Comments:** \_\_\_\_\_

**FEMALE REPRODUCTIVE TRACT:** (make new form for Fetus: NA)

**Ovaries:** N / A / U / NE **Uterus:** N / A / U / NE **Cervix:** N / A / U / NE

**Vagina:** N / A / U / NE **Vulva:** N / A / U / NE

**LIFE HISTORY:** Left Ovary: Corpora lutea (No. \_\_\_\_\_), Corpora hemorrhagic (No. \_\_\_\_\_), Follicles (No. \_\_\_\_\_)

Right Ovary: Corpora lutea (No. \_\_\_\_\_), Corpora hemorrhagic (No. \_\_\_\_\_), Follicles (No. \_\_\_\_\_)

Uterus: Placental scar (L / R uterine horn; No. \_\_\_\_\_)

Fetus Present: (L / R uterine horn; Fetus Acc#: \_\_\_\_\_)

Placenta: Attached / unattached to fetus; Complete placenta / Part of: chorioallantois, amnion, umbilical stalk; Umbilical Stalk No. of Twist: \_\_\_\_\_

**MAMMARY GLANDS/NIPPLES:** MAMMAE: Lactation, Swollen without lactation, Non-lactating

**Finding:** Enlarged, Discolored / Pale, Abnormal foci, Mass, Cyst (fluid filled / empty), Obstructed (by \_\_\_\_\_), Prolapse, Rupture, Perforation, Swollen / Thickened, Fluid-filled, Erosion / Ulcer, Plaque, Abnormal foci, Mass, Torsion,

**Location:** Ovary, Uterus, Cervix, Vagina, Vulva; Left, Right, Symmetrical, Asymmetrical (R > L, L > R);

Capsule, Subcapsule, Parenchyma, Hilus, Lumen, Mucosa, Submucosa, Wall, Serosa (outer surface);

Fetal attachment site, Non-attachment site, Chorioallantois, Amnionic sac, Umbilical stalk

**Description & Comments:** \_\_\_\_\_

**CSF:** N / A / U / (NE) / NA **CYTOLOGY:** Yes / No **Where examined:** \_\_\_\_\_

**Finding:** Increased amount of CSF, Discolored, Other: \_\_\_\_\_

**Description & Comments:** \_\_\_\_\_

ACCESSION # \_\_\_\_\_

NAME: \_\_\_\_\_

**DURA MATER AND INSIDE CALVARIUM:** N / A / U / ~~(NE)~~ / NA

**Finding:** Discolored/ Pale, Congestion, Penetrating wound, Foreign body, Abnormal foci, Mass, Abscess, Hematoma, Fluid,

**Location:** Subleptomeningeal, Dura mater, Inside skull

Level of cerebrum / cerebellum / brainstem; Dorsal, Lateral, Ventral; L / R; Symmetrical, Asymmetrical (R>L, L>R)

**Description & Comments:** \_\_\_\_\_

**BRAIN:** Cerebrum: N / A / U / ~~(NE)~~ / NA;

Cerebellum: N / A / U / ~~(NE)~~ / NA

Brain stem: N / A / U / ~~(NE)~~ / NA;

Meninges: N / A / U / ~~(NE)~~ / NA

**Finding:** Discolored/ Pale, Asymmetry / Midline shift ( towards L / R ); Shallow sulci ( grooves ) / Flattened gyri ( bumps ), Congested, Edematous, Penetrating wound, Foreign body, Abnormal foci, Mass, Abscess, Hydrocephalus, Hematoma,

**Location:** Lobe: frontal / temporal / parietal / occipital; Dorsal, Lateral, Ventral; L / R; Symmetrical, Asymmetrical (R>L, L>R)

**Description & Comments:** \_\_\_\_\_

**SCIATIC NERVE:** N / A / U / ~~(NE)~~ / NA

**Finding:** Discolored, Tear ( partial / complete ), Abnormal foci, Mass, Other: \_\_\_\_\_

**Description & Comments:** \_\_\_\_\_

**SPINAL CORD:** N / A / U / ~~(NE)~~ / NA

**Finding:** Discolored, Disc herniation / Compressive lesion, Tear ( partial / complete ), Foreign body, Abnormal foci, Mass,

**Location:** Cervical, Thoracic, Lumbar, Sacral; Between bone and meninges/cord, Between meninges and cord, Parenchyma

**Description & Comments:** \_\_\_\_\_

**SKELETON AND JOINTS:** N / A / U / ~~(NE)~~ / NA

**Joint Effusion:** Slight, Moderate, Copious (approximate amt: \_\_\_\_\_ ml); Liquid, Viscous, Clear, Opaque, Flecks, Fibrin (stringy); White, Yellow, Tan, Brown, Red, Red-tinged, Other: \_\_\_\_\_

**Finding:** Bone pliable / brittle, Deformity, Bone loss, Sequestrum ( bony / other ), Cyst ( filled / empty ), Fracture (single / multiple breaks; sharp / rounded edges; open to surface; callus on outside / inside of bony surface), Luxation / Dislocation, Mass, Abnormal foci, Fluid (edema), Foreign Body, Other: \_\_\_\_\_

Joint surface: discolored / roughened / pitted / corrosion / ulcer / proliferative / degenerative disease

**Location:** Bone / Joint \_\_\_\_\_; Joint surface, space, capsule

Proximal, Middle, Distal 1/3<sup>rd</sup> of bone; Physis, Metaphysis, Diaphysis; Vertebral Body, Process

Bone surface (outside / inside), Bone Cortex (one / both), Bone marrow cavity

Associated soft tissue (tendon, ligament, muscle, other: \_\_\_\_\_)

**Bone Marrow:** NE, Present in femur / rib / sternbrae

Decreased / Lack, Soft, Red, Abundant (hyperplasia), Fatty, Replaced by tissue / mass

**Description & Comments:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_