

SFBR PATHOLOGY REPORT

Accession No.: N06-0158 Animal/Tissue ID: Kermit Genus/species: PTT
 IACUC: N/A
 Date of Death: 03/02/06 Type of Death: R Sex: M
 mo/day/yr
 Date of Birth: 01/01/91 Location of Death: Primarily Primates
 Person to receive pathology report: Wally Swett/Primarily Primates Account No.: 00.0000.01

Clinical History: Died during sedation. The animal was moved from Ohio State University to Primarily Primates. The animal died after sedation to remove from truck at Primarily Primates.

Gross Description: External: A traumatic laceration to the skin was evident in the left lower abdominal quadrant and was 4 cm x 2 cm in surface area. An additional similar rounded lesion (1 cm in diameter surface lesion) was evident on the left medial forearm. Dried seminal fluid was evident on the hair around the penis. Internal: There was moderate whole body fat. Whole body lymph nodes were not remarkable. The left lower quadrant small intestine was dark red consistent with dependent congestion, as was the left lung. The lungs were additionally moist and generally dark red in color. There was moderately excessive white froth at the tracheal bifurcation. The epicardial fat with extension along the coronary arteries contained multifocal petechial hemorrhages. The tonsils were moderately enlarged and contained pus. Drs. Dick, Cummins, Brasky and Yonushonis viewed the necropsy which was performed by Dr Hubbard and assisted by Mr Antonio Perez.

Special Procedures:

Cassettes: 50

Photo: miscellaneous tissues and lesions

Nec. Tech.: AP

Gross Diagnosis/es:

Hemorrhage, agonal, epicardium, heart

Tracheobronchial edema/froth

Congestion and edema, moderate, lung

Tonsillitis, suppurative, moderate, tonsils

Abrasions, traumatic, healing, minimal, skin

Microscopic Description:

Slide 1 - Bone marrow - No significant lesions (NSL).

Slide 2 - Bone marrow - Same as Slide 1.

Slide 3 - Skeletal muscles - NSL.

Slide 4 - Sciatic nerve and associated tissues - NSL.

Slide 5 - Inguinal lymph node - NSL.

Slide 6 - Skin from traumatic abrasion site - The skin was moderately thickened at the site with excessive keratin and necrotic debris on the surface. I would consider these changes consistent with a minor, healing skin abrasion.

Slide 7 - Skin - NSL.

Slide 8 - Mammary gland tissue - NSL.

Slide 9 - Air sac - NSL.

Slide 10 - Eyelid - NSL.

Slide 11 - Testicle - NSL.

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- Slide 12 - Epididymis - NSL.
Slide 13 - Salivary gland - NSL.
Slide 14 - Regional lymph node - NSL.
Slide 15 - Regional lymph node - NSL.
Slide 16 - Pituitary - The pituitary contained multiple nodules of epithelial hyperplasia.
Slide 17 - Thyroid - NSL.
Slide 18 - Trachea - NSL. Moderate postmortem autolysis.
Slide 19 - Lip/mucocutaneous junction - NSL.
Slide 20 - Esophagus - NSL.
Slide 21 - Aorta - NSL.
Slide 22 - Tonsil - The tonsillar crypts contained collections of neutrophils consistent with the pus seen grossly. Dr. Brasky considered this to be a suppurative tonsillitis grossly, but histologically, it was generally within normal limits for tonsillar tissue.
Slide 23 - Regional lymph node - NSL.
Slide 24 - Epicardium - NSL.
Slide 25-29 - Heart - The heart had a moderate, multifocal to diffuse, interstitial fibrosis of the myocardium. Additionally, there were multifocal acute areas of disruption of myofibers with necrosis. There were no inflammatory changes associated with the heart lesion.
Slide 30-31 - Lung - The vessels of the lungs were markedly congested and there was moderate accumulation of proteinaceous fluid, both in the septa and in scattered alveolar spaces. There was minimal postmortem change.
Slide 32-33 - Eyes - NSL.
Slide 34 - Prostate - NSL.
Slide 35 - Urinary bladder - The sample was unsatisfactory since the urothelium was not evident.
Slide 36-40 - Brain - NSL.
Slide 41 - Adrenal - NSL.
Slide 42 - Adipose tissue - NSL.
Slide 43 - Pancreas - Advanced postmortem autolysis. NSL.
Slide 44 - Aorta - NSL.
Slide 45 - Liver - The liver was moderately congested.
Slide 46 - Kidney - There was moderate postmortem autolysis. NSL.
Slide 47 - Spleen - The spleen was markedly congested.
Slide 48 - Stomach - Mild postmortem autolysis. NSL.
Slide 49 - Large intestine - Advanced postmortem autolysis.
Slide 50 - Large intestine - Advanced postmortem autolysis.
No other significant microscopic lesions were recognized.

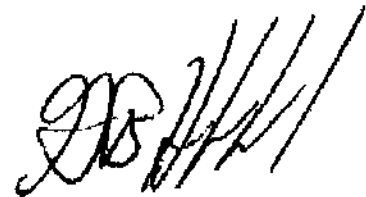
Microscopic Diagnosis/es:

Fibrosis and acute necrosis, multifocal, moderate, heart, PIT
Congestion and edema, diffuse, moderate to moderately severe, lung
Tonsillitis, suppurative, minimal, tonsil
Hyperplasia, multifocal, pituitary

Comment: The cause of death in this animal was probably directly related to pre-existing myocardial fibrosis and subsequent myocardial necrosis, pulmonary congestion and edema associated with handling. He had a heart attack.

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Gene B. Hubbard, D.V.M., M.S.
ACLAM, ACVP
Veterinary Pathologist

Save: No

Share: No

Code: Fibrosis, heart, d, Primarily Primate
Necrosis, heart, i
Congestion, edema, lung, i
Dermatitis, skin, t
Hyperplasia, pituitary, phy

Date Transcribed: 13 Mar 06 Malinda

Date of Necropsy: 3 Mar 06

Date of Final Report: 15 Mar 06