

Necropsy Record

15069

Hx: This animal was anesthetized on 9 Apr 2024 for IACUC approved final disposition (euthanasia of advanced age animal with clinical conditions). Terminal procedure had been discussed and planned with PI in 2023 and scheduled in advance due to protocol expiration date of 5May24. Animal was of advanced age with multiple age-related medical conditions and would not have been an appropriate candidate for transfer to a new protocol, environment, or social grouping. Euthanasia was recommended by the AV and agreed upon by the PI as the most humane option for this animal. AV directive was followed. Procedure was smooth and uneventful with no complications. Prior to procedure, animal was BAR with good appetite, normal urination and defecation, normal behavior, appropriate body weight and body condition.

Gross necropsy report:

Body condition score: 4/9 (ideal)

Weight (kg): 23.3kg

Coat condition: Unremarkable. No significant findings.

Ectoparasites: None

Skin condition: Unremarkable. No significant findings.

Head: Cataracts OU. Otherwise Unremarkable.

Neck: Unremarkable. No significant findings.

Chest: Unremarkable. No significant findings.

Abdomen: Unremarkable. No significant findings.

Perineum: Unremarkable. No significant findings.

Legs: Unremarkable. No significant findings.

Feet: Unremarkable. No significant findings.

Arms: Unremarkable. No significant findings.

Hands: Unremarkable. No significant findings.

Tail: Unremarkable. No significant findings.

Skin reflection: Unremarkable. No significant findings.

Musculoskeletal system: Atrophy of the quadriceps mm. bilaterally. Ventral vertebral DJD of thoracic vertebrae, bilateral carpi, phalanges. Osteophytes L olecranon and knees bilaterally.

Oral cavity: Tartar Grade 2/5. Gingivitis Grade 2/5. 104, 204, 304, and 404 blunted (historic, prior to arrival at institution and prior to repudiation of dental reduction practices in NHPs). 204 linear enamel defect on lateral aspect, no pulp exposure. Class 2 malocclusion (retrognathism, congenital).

Thoracic cavity: Unremarkable. No significant findings.

Respiratory tract: Unremarkable. No significant findings.

Abdominal cavity: Adequate Intra-abdominal fat stores. Normal volume, color, and turbidity of abdominal free fluid.

Cardiovascular system: Left ventricular hypertrophy. Right auricular and right atrial dilation. Atherosclerosis (Grade 2/5). Caudal vena caval dilation. Gross lipid deposition and calcification within mesenteric arteries.

Gastrointestinal tract: Unremarkable. No significant findings.

Hepatic system: Regionally diffuse mottling, multifocal areas of hepatic fibrosis (~1-2cm in diameter)

Biliary tract: Unremarkable. No significant findings.

Pancreas: Unremarkable. No significant findings.

Spleen: Splenic hypoplasia (mild, congenital) Normal gross architecture on cut section. Size consistent with individual variation.

Adrenals: Unremarkable. No significant findings.

Urinary tract: R kidney 7 renal cysts. L kidney 5 renal cysts with one focal area of palor within the renal cortex at cranial pole. Bladder filled with urine with normal color and turbidity.

Reproductive tract: Left testicular atrophy (mild). Otherwise unremarkable.

Lymphatic system: Unremarkable. No enlargement of externally palpable lymph nodes observed. No enlargement of internal lymph nodes observed.

No other gross abnormalities observed on Nx.

CONCLUSIONS: Findings consistent with history, age, and species. Splenic hypoplasia incidental finding. Renal and Hepatic changes age-related and incidental, subclinical.

Necropsy Record

082519

Hx: This animal was anesthetized on 9 Apr 2024 for IACUC approved final procedural manipulation (terminal tissue collection following euthanasia). Terminal procedure had been discussed and planned with PI in 2023 and scheduled in advance due to protocol expiration date of 5May24. Procedure was smooth and uneventful with no complications. Prior to procedure, animal was BAR with good appetite, normal urination and defecation, normal behavior, appropriate body weight and body condition.

Gross necropsy report:

Body condition score: 4/9 (ideal)

Weight (kg): 11.6kg

Coat condition: Unremarkable. No significant findings.

Ectoparasites: None

Skin condition: Unremarkable. No significant findings.

Head: Unremarkable. No significant findings.

Neck: Unremarkable. No significant findings.

Chest: Unremarkable. No significant findings.

Abdomen: Unremarkable. No significant findings.

Perineum: Unremarkable. No significant findings.

Legs: Unremarkable. No significant findings.

Feet: Unremarkable. No significant findings.

Arms: Unremarkable. No significant findings.

Hands: Unremarkable. No significant findings.

Tail: Mild alopecia along ventral aspect Grade 1/5. Otherwise unremarkable.

Skin reflection: Unremarkable. No significant findings.

Musculoskeletal system: Unremarkable. No significant findings.

Oral cavity: Tartar Grade 1/5. Gingivitis Grade 0/5.

Thoracic cavity: Unremarkable. No significant findings.

Respiratory tract: Unremarkable. No significant findings.

Abdominal cavity: Unremarkable. Normal volume, color, and turbidity of abdominal free fluid.

Cardiovascular system: Unremarkable. No significant findings.

Gastrointestinal tract: Unremarkable. No significant findings.

Biliary tract: Unremarkable. No significant findings.

Pancreas: Unremarkable. No significant findings.

Spleen: Unremarkable. Splenic enlargement d/t Barbiturate Sodium Pentobarbital euthanasia solution

Adrenals: Unremarkable. No significant findings.

Urinary tract: Unremarkable. Bladder filled with urine with normal color and turbidity.

Reproductive tract: Unremarkable. No significant findings.

Lymphatic system: Unremarkable. Thymic tissue still present. No enlargement of externally palpable lymph nodes observed. No enlargement of internal lymph nodes observed.

No other gross abnormalities observed on Nx.

CONCLUSIONS: Findings consistent with history, age, and species.

Chronological Summary Sheet

Principal Investigator	Room No.	Protocol No.	Animal Number
Pepe		21-003	082519 Joy
Vendor	DOA/DOB	Date of Euthanasia	Species/Sex
EVMS	8-15-19		Boon ♂
Entry Date	Treatment and Observation		Initials
4 Apr 24	Sedated w/ ketamine + propofol cell for pepper per protocol (see sheet for details)		
9 Apr 24	Terminal tissue collection following euthanasia per protocol. End of study.		

****All USDA regulated species Enrichment Records are in a different location****