Gross Necropsy Report

Animal ID: MRU 34697
Sex: M
Age: 6 yrs 1 mon

Gross Observation:
- BODY AS A WHOLE: Extensive, severe lacerations/crush trauma.
- HEART: The left ventricular wall is markedly thickened with a reduced lumen diameter.
- KIDNEY: Renal medullae are congested.
- LIVER: The liver is congested.

Gross Diagnosis:
1. BODY AS A WHOLE TRAUMATIC ABNORMALITY
2. LEFT VENTRICLE HYPERTROPHY
3. LIVER CONGESTION
4. RENAL MEDULLARY INTERSTITIAL TISSUE CONGESTION

Gross Comments: This animal succumbed to the effects of severe cagemate induced trauma, possible exacerbated by reduced cardiac function secondary to left ventricular hypertrophy.

Measurements
# Gross Necropsy Report

<table>
<thead>
<tr>
<th>Animal ID</th>
<th>Report ID</th>
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**Gross Observation**

- **BODY AS A WHOLE**
  - The animal is presented in good flesh with multifocally extensive musculocutaneous trauma, including an open wound on the right elbow with an exposed fragment of the ulnar and multiple severed fingers and toes. Subcutaneous hemorrhage is present on limbs and head.

- **SKIN**

**Gross Diagnosis**

1. **BODY AS A WHOLE TRAUMATIC ABNORMALITY**
2. **SUBCUTANEOUS TISSUE HEMORRHAGE**

**Gross Comments**

This animal was likely the subject intense dislike from its cage mates resulting in violence.

**Measurements**
Gross Necropsy Report

Animal ID: MMU 35395
Sex: M
Age: 4 yrs 3 mon
Weight (KG): 8.11

Gross Observation:
- BODY AS A WHOLE: The animal is presented in good flesh with extensive musculocutaneous trauma, particularly of head, limbs, penis, and tail.
- GASTROINTESTINAL TRACT: The colon is moderately dilated with soft to liquid feces and gas; the small intestine is mildly to moderately dilated mainly with gas; the stomach is relatively empty.
- THYMUS: The thymus is speckled with petechial hemorrhages.

Gross Diagnosis:
1. BODY AS A WHOLE TRAUMATIC ABNORMALITY (musculocutaneous trauma)
2. THYMUS HEMORRHAGE, PETECHIAL

Gross Comments: The thymus is saved in formalin for histopathology - no other tissues are saved.

Measurements
# Gross Necropsy Report

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## Gross Observation
- **BODY AS A WHOLE**: The animal is presented in good flesh with extensive musculocutaneous trauma, particularly to limbs and head.
- **HEART**: The left ventricle is contracted with a very small lumen, suggesting possible LV myocardial hypertrophy.

## Gross Diagnosis
1. **BODY AS A WHOLE TRAUMATIC ABNORMALITY**
2. **HEART HYPERTROPHY** (possible LV myocardial hypertrophy - heart weight 47.3 g)

## Gross Comments
- Only the heart is saved in formalin.

## Measurements
- Heart 47.3 g
# Gross Necropsy Report

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<tr>
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**Gross Observation**

**BODY AS A WHOLE**

The animal is presented in good flesh with extensive musculocutaneous trauma to particularly to limbs and head.

**Gross Diagnosis**

1. **BODY AS A WHOLE**
   - TRAUMATIC ABNORMALITY

**Gross Comments**

No tissues are saved.

**Measurements**
Final Necropsy Report

Animal ID: MMU 34313  
Sex: M  
Age: 6 yrs 2 mon  
Weight (KG): 8.46  
Report ID: 22281  
Report Complete: 09/02/2008  
Death Type: K  
Work Performed: 09/02/2008  
Time Performed: 10:00 AM

Final Observations:

BODY AS A WHOLE: The animal is presented in good flesh with a history of self trauma.

STOMACH: The gastric mucosa is somewhat thickened with erythematous streaks mainly in the fundus.

Final Diagnosis:

1. BODY AS A WHOLE TRAUMATIC ABNORMALITY  
   (self trauma)  
2. STOMACH INFLAMMATION GASTRITIS,NOS

Final Comments: Tissues are collected to fulfill biospecimen requests (kidneys, testes, epididymides, lymph node, seminal vesicles, trachea), and a truncated set of tissues is saved in formalin. No histopathology is to be performed at this time.

Measurements
# Gross Necropsy Report

**Animal ID**  MMD 36244  |  **Report ID**  25902  |  **Report Complete**  04/13/2009  
**Sex**  M  |  **Death Type**  X  |  **Work Performed**  04/13/2009  
**Age**  4 yrs 1 mon  |  **Weight (KG)**  6.02  |  **Time Performed**  11:00 AM  

**Gross Observation**  BODY AS A WHOLE  
The animal is presented in good flesh with recent amputation trauma to tail and fingers.

**Gross Diagnosis**  1.  BODY AS A WHOLE TRAUMATIC ABNORMALITY

**Gross Comments**  The brain is perfused and collected for the investigator. No other tissues are saved.

**Measurements**
Gross Necropsy Report

Animal ID: MMG 35084  
Sex: F  
Age: 5 yrs 5 mon

Report ID: 22842  
Death Type: D  
Weight (KG): 8.71

Report Complete: 10/06/2008  
Work Performed: 10/06/2008  
Time Performed: 11:00 AM

Gross Observation

BODY AS A WHOLE  
- The animal is presented in good flesh with extensive musculocutaneous trauma.

KIDNEY  
- Renal cortices are pale and bulge slightly on cut surfaces.

UTERUS  
- The uterus contains a a very early fetus, roughly 1.0 cm long.

Gross Diagnosis

1. BODY AS A WHOLE TRAUMATIC ABNORMALITY
2. KIDNEY ABNORMAL APPEARANCE
3. MYOGLOBINURIA SYNDROME
4. UTERUS PREGNANCY

Gross Comments

A full set of tissues is saved in formalin, but no histopathology is to be performed at this time.

Measurements
**Gross Necropsy Report**

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**Gross Observation**
- **BODY AS A WHOLE**: The animal is presented in good flesh with extensive musculocutaneous trauma.
- **STOMACH**: The gastric mucosa is thickened and speckled with erythema, the latter mainly in the corpus and antrum.

**Gross Diagnosis**
1. BODY AS A WHOLE TRAUMATIC ABNORMALITY (extensive musculocutaneous trauma)
2. STOMACH INFLAMMATION GASTRITIS, NOS

**Gross Comments**
A full set of tissues is saved in formalin for limited histopathology.

**Measurements**
The animal is presented in good flesh with a bandaged, self-induced laceration of the left arm over the biceps muscle. The meningeal surface of the brain is congested and vaguely "cloudy" or opaque. The colonic mucosa is diffusely thickened, and there are multiple focal ulcerations along its length. Paracolic lymph nodes are prominently enlarged.

Testes, seminal vesicles, prostate, and trachea are collected to fulfill biospecimen requests. A truncated set of tissues is saved in formalin for limited histopathology.
Gross Necropsy Report

Animal ID: MNC 33001
Sex: F
Age: 7 yrs 8 mon
Weight (KG): 8

Gross Observation
BODY AS A WHOLE: The animal is presented in good flesh with extensive, severe, muscular cutaneous trauma particularly to head, tail/perineum, trunk, and limbs.

BRAIN: Meningeal/superficial cortical vessels are markedly congested.

LIVER: The liver is mildly enlarged with slightly rounded edges and irregularly scattered, indistinct, tan-white foci roughly 0.05-0.10 cm diameter, which on cut surfaces are revealed to be hyperplastic bile ductules.

UTERUS: The uterus contains a second trimester female fetus.

Gross Diagnosis
1. BODY AS A WHOLE TRAUMATIC ABNORMALITY
   (extensive, severe, muscular cutaneous trauma)
2. BILIARY TRACT HYPERPLASIA, DIFFUSE
3. UTERUS PREGNANCY, SECOND TRIMESTER
4. MENINGES CONGESTION

Gross Comments
A full set if tissues is saved in formalin for limited histopathology.

Measurements
# Gross Necropsy Report

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## Gross Observation

**BODY AS A WHOLE**
- The animal is presented in good flesh with extensive musculocutaneous trauma, mainly to head and extremities. She is accompanied by her partially macerated, first trimester fetus.

**KIDNEY**
- Renal cortices are prominently and diffusely pale.

**LIVER**
- The liver is mildly enlarged and diffusely pale.

**LUNG**
- The lungs fail to fully collapse upon opening the chest, and they are diffusely mottled with erythema.

**OVARY**
- At the site of the left ovary there is a large, roughly 1.0 cm diameter, moderately thick walled, fluid-filled cyst.

**UTERUS**
- The uterus is enlarged and contains a bidiscoid placenta.

## Gross Diagnosis

1. **BODY AS A WHOLE TRAUMATIC ABNORMALITY**
   - (extensive musculocutaneous trauma)

2. **KIDNEY ABNORMAL APPEARANCE NEPHROSIS, NOS**
   - (myoglobinuric)

3. **UTERUS RESTAINED PLACENTA**

4. **OVARY CYST**

5. **LUNGS (BOTH) CONGESTION**

6. **LIVER ABNORMAL APPEARANCE**
   - (hepatomegaly, pallor)

## Gross Comments

A full set of tissues is saved in formalin for limited histopathology.

## Measurements
# Gross Necropsy Report

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**Gross Observation**
- **BODY AS A WHOLE**: The animal is presented in good flesh with extensive and severe musculocutaneous trauma mainly to head, extremities, and posterior.
- **UTERUS**: The uterus contains a bidiscoid placenta but no fetus - presumptive abortion.

**Gross Diagnosis**
1. **BODY AS A WHOLE**: TRAUMATIC ABNORMALITY (extensive, severe, musculocutaneous trauma)
2. **UTERUS**: PLACENTA RETAINED

**Gross Comments**
A full set of tissues is saved in formalin, but no histopathology is to be performed at this time.

**Measurements**
Gross Necropsy Report

Animal ID: MMO 35593  
Sex: M  
Age: 4 yrs 8 mon  
Weight (KG): 8.77

Report ID: 23903  
Report Complete: 12/08/2008  
Work Performed: 12/08/2008  
Time Performed: 11:00 AM

Gross Observation:
- BODY AS A WHOLE: The animal is presented in good flesh with extensive musculocutaneous trauma.
- BRAIN: The meningeal and surface cerebral vessels are congested.
- COLON: A mild stricture is present at roughly mi colon.
- LYMPH NODES: Peripheral lymph nodes are prominent to enlarged.

Gross Diagnosis:
1. BODY AS A WHOLE: TRAUMATIC ABNORMALITY (musculocutaneous trauma)
2. LYMPH NODE HYPERTROPHY (lymphadenopathy - axillary, ileac nodes)
3. COLON STRICTURE
4. MENINGES CONGESTION

Gross Comments:
A full set of tissues is saved in formalin, but no histopathology is to be performed at this time.

Measurements