



Wildlife Diagnostic Report

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Cross Ref #: Wolf

Event Information

Cross Ref #: Wolf	Latitude: 52.04
Species: Gray Wolf (<i>Canis lupus</i>)	Longitude: 5.75
Age: Adult	Location description:
Sex: Male	Event Code: DWHC.217373
Weight: 30,7 kg	

Information Provided For Event

nr. A45899
N224 Hmp 45.1 Ede

Diagnosis and Interpretation

Final Diagnosis

Het postmortaal onderzoek werd beperkt door sterke autolyse.
Volwassen mannelijke wolf (*Canis lupus*), goede bespiering, goede vetreserves.
Overleden door verbloeding multipele bloedingen en hemothorax, multipele botfracturen, spierrupturen, hernia inguinalis rechts. Etiologie: trauma.
Er zijn geen aanwijzingen gevonden voor een onderliggende ziekte die de kans op het oplopen van trauma zou verhogen.

Interpretation

Het onderzoek werd beperkt door de slechte staat van het lichaam op het moment van onderzoek.

Volwassen mannelijke wolf met goede bespiering en goede vetreserves. Deze wolf is overleden aan de gevolgen van trauma in de vorm van bloedingen door meerdere bloedingen en bloed in de borstholte, meerdere botbreuken, scheuren in de spieren en een liesbreuk aan de rechterkant.

Er zijn geen aanwijzingen gevonden voor een onderliggende ziekte die de kans op het oplopen van trauma zou kunnen verhogen.

Laboratory Results

Necropsy

Species: wolf (*Canis lupus*)

Age: Adult
Chip number: not present

Weight: 30,7 Kg
Condition of the carcass: severely autolytic

Coat and skin: On the right inguinal region there is an hole of 3 cm in diameter with herniation of segments of small intestine.
Musculature, fat reserves: good musculature and good fat reserves; the abdominal muscles are discontinuous on the right side (close to the inguinal area, 4 cm in diameter) with herniation of segments of small intestine.

Skeleton:

- The mandible and maxilla are completely fractured in multiple places with displacement of bone segments and bone fragments.
- The skull shows irregular, splintered, multiple complete fractures, with loss of brain matter.
- The left humerus and radius present a complete compound fracture with displacement of the bone stumps and bone fragments.
- The right elbow joint, humerus and phalanges present a complete compound fracture with displacement of the bone stumps and bone fragments.

- The left knee has torn cruciate and collateral ligaments.
- The left tibia shows a proximal, complete, compound fracture with bone fragments.
- The right distal femur shows a complete, compound fracture with displacement of the bone stumps and bone fragments.
- The left scapula shows a focal, complete, regular fracture.
- The left ribs, from the 6th to the 12th, are completely fractured.
- The spinal column shows a focal, complete fracture at the level of the 7th rib.
- All the right ribs are completely fractured and detached from the sternum. The intercostal muscles show multifocal to coalescing, well demarcated, large areas of hemorrhages.

Associated with the fractures there are multifocal, well demarcated, shiny, dark red, hematomas and hemorrhages of variable extent and multifocal areas of muscle lacerations.

Head and neck

Nose: no abnormalities (NA)

Ears, eyes: NA

Mouth, teeth: see the description of the skeleton.

Tongue: NA

Tonsils: NA

Pharynx: NA

(Para)thyroid glands: NA

Brain: NA

Thorax / Respiratory & circulatory system

Position of organs, free fluid: contains approximately 500 ml of free, dark-red, shiny free fluid.

Trachea: the trachea is focally proximally completely ruptured.

Pleura/diaphragm: NA

Lungs: diffusely moderately collapsed, shiny, reddish with multifocal, well demarcated, shiny, dark red areas of up to 3 x 4 x 1 cm (hemorrhages); the cranial lobes show multifocal to coalescing, paler areas due to multifocal air bubble formation (emphysema). On cut surface the parenchyma oozes a small amount of fluid and blood.

Heart and large vessels: all the structures/vessels at the heart base are completely ruptured.

Abdomen / Other internal organs

Position of organs, free fluid: NA

Esophagus: NA

Stomach: well filled with undigested food. Mucosa NA

Duodenum: moderately filled with mucoid, pinkish content; mucosa NA

Pancreas: NA

Jejunum/Ileum: moderately filled with mucoid, brown content; mucosa NA

Coecum: moderately filled pasty, brown content; mucosa NA

Colon: moderately filled with pasty, dark-brown granular content; mucosa NA

Liver: completely fragmented, with loss of tissue; severely autolytic

Spleen: NA

Lnn: NA

Kidneys: half of the right kidney is completely lost; severely autolytic

Adrenal glands: NA

Urinary bladder: NA

Reproductive organs: male; testis NA

Skeleton, extremities

Mineralization: NA

Joints: NA

Foot pads: NA

Cytology

HC Liver: too autolytic

HC Spleen: too autolytic

HC Lung: too autolytic

HC Feces: too autolytic

Natief darm: no parasites

Histology

Door autolyse is de histologie zeer beperkt te beoordelen.

Binnen deze begrenzing zijn er, voor zover zichtbaar, geen bijzonderheden gezien in: pancreas, lever, bijnier, milt, nier, duodenum, hartspier, grote hersenen.

Maag: in de tunica muscularis focaal een (1) klein granuloom gecentreerd rondom dubbelbrekend materiaal, mogelijk haarfragmentje. Niet nader te identificeren.

Longen: interstitieel focaal gering toegenomen aantallen macrofagen, daarnaast hyperemie en acute bloedingen.

Other lab results

Gewicht: 30.7 kg

Lengte staart zonder pluim: 36.5

Achterpoot: 5.5x6.5

Voorpoot: 6x7.1

Gewicht maaginhoud: 237 gram, 100% ree

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