
Uw. ref : Naam : Titrans Nero
Eigenaar : Lanser Lan41 R.R. P. Diersoort : Kat
Adres : De Box 6 Ras : Noorse Boskat
Woonplaats: 5251 DL VLIJMEN Geb. dat. : 27-05-2002
Land : NL Patiëntnr.: n.v.t.

Rel. code : 76304
Aanvrager : D'Kliniek de Langstraat Ordernr. : 3110204036
Clinicus : Ballieu Afn.datum : 04-02-2011
Faxnr : 00416340821

Macroscopie : Normal necropsy, condition of the body is moderate autolytic.
Weight 6.5 kg, chip number: 985120007070583

Exterior: body condition is good

Extremities: no significant changes

Head and neck:

Between shoulders a focal extensive firm multinodular mass of 10x8x4 cm with on cut surface a partly homogenous firm white aspect and partly a layered aspect with pockets filled with light red liquid.

Mylohyoid, digastric and masseter muscle are diffusely enlarged with a firm consistency and on cut surface a mottled tan white aspect. The musculature of the neck shows multifocally a corresponding aspect.

Mandibular and prescapular lymph nodes are moderately enlarged on left and right side with on cut surface a mottled tan colour.

Thorax

Trachea: moderate amount of foam in distal lumen extending in main bronchi

Lung: diffuse moderate edema

Abdomen:

Pancreas: multifocal a few dark red nodules of 2x2 mm in diameter

Stomach was filled with a moderate amount of light brown pasty contents, the small intestine contained a slight amount of light brown mucoid material and the colon contained a moderate amount of light brown pasty material.

Other organs show now significant macroscopic findings.

Microscopie : Kidney: multifocal mild infiltrations of lymphocytes and plasma cells in interstitium

Pancreas: multifocal extravasation of erythrocytes (hemorrhage) and expanded blood vessels engorged with erythrocytes (congestion).

Spleen: the red pulp is expanded with a large number of erythrocytes (congestion).

Liver: multifocal hepatocellular edema with necrosis of individual hepatocytes with mainly periportal small infiltrations of lymphocytes and plasma cells. Multifocally hepatocytes contain yellow brown pigment.

Muscle between shoulders: unencapsulated, infiltrative, moderately pleocellular neoplasm composed of long and short interlacing streams and bundles of spindle cells separated by fibrous matrix and round cells arranged in sheets. Neoplastic spindle cells have indistinct borders, a small amount of eosinophilic fibrillar cytoplasm, and oval to fusiform nuclei with finely stippled chromatin. There are 1-3 prominent magenta nucleoli. Mitotic rate averages 1/hpf, and there is mild anisokaryosis. Neoplastic round cells have a distinct cell border with a scant amount of eosinophilic cytoplasm and a large round to polygonal nucleus. There are peripheral and intratumoral perivascular aggregates of plump macrophages, viable and degenerated neutrophils and lymphocytes.

Conclusie : Morphologic diagnosis
Muscle between shoulders: malignant fibrous histiocytoma with infiltration into cervical and mandibular muscle and lymph nodes.

De beschreven nodulaire verdikking tussen de schouderbladen uitlopend in nek-en kopspiieren is passend bij een kwaadaardig fibreus histiocytoom. Deze tumor is bij de kat een histologische variant van een postvaccinaal

sarcoom. Gezien de uitgebreidheid van de tumor, lijkt het onwaarschijnlijk dat de aangegeven vaccinatie in januari 2011 de mogelijke oorzaak is geweest.

De beschreven veranderingen in lever, nier en pancreas zijn aspecifiek met een onduidelijke klinische relevantie.

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Verantwoordelijk :
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