

CASE NUMBER: O16735

DATE: 30.5 2017

PATIENT: Spanish Waterdog, castr. male, 8 years old

NECROPSY REPORT

MACROSCOPIC FINDINGS:

1 § Post mortal changes: Discrete

2 § Nutritional status: Good.

3 § Excretions from natural orifices and visible mucosal areas:
No significant pathological changes.

4 § Fur coat, skin, subcutaneous tissues and lymph nodes of the trunk and head:
No significant pathological changes.

5 § Muscles, bone structure, joints and adipose tissue:
Pathological findings: the articular cartilage of the left hip joint is severely thinned, the articular capsule is moderately fibrously thickened, the synovial fluid is increased and the viscosity diminished.

6 § Topography of internal organs, contents of body cavities, serosal surfaces:
Pathological findings: there is moderate centralization of the fat tissue into the abdomen.

7 § Organs of the head (oral cavity, tongue, teeth, salivary glands, sinuses, pharynx & larynx): No significant pathological changes.

8 § Circulatory organs (heart & pericardium, spleen, thymus, blood, bone marrow, vessels and lymph nodes of the internal organs): No significant pathological changes.

9 § Respiratory organs (lungs, pleura and trachea): No significant pathological changes.

10 § Digestive organs (oesophagus, forestomachs, stomach, gut, mesenterium, liver, gallbladder, bile ducts and pancreas): No significant pathological changes

11 § Urogenitals (kidneys, bladder, ureters, male and female genitals and mammary gland):
No significant pathological changes.

12 § Endocrine organs (adrenals, thyroid, parathyreoid, etc.):
No significant pathological changes.

13 § Central nervous system: No significant pathological changes.

HISTOLOGICAL FINDINGS:

Liver: severe panlobular diffuse vacuolar degeneration (vacuolar hepatopathy)

Gall bladder: mild chronic diffuse lymphoplasmacytic cholecystitis

Parotic- and submandibular salivary gland: mild multifocal interstitial lymphoplasmacytic sialoadenitis.

Thyroid gland: moderate diffuse chronic lymphoplasmacytic thyroiditis.

Lung, spleen, kidney, pancreas, skeletal muscle, trachea, small bowel, stomach, large bowel, adrenal gland, spinal cord, brain, aorta, heart, urinary bladder, skin, eye: no significant histopathological changes.

OTHER FINDINGS (BACTERIOLOGY, VIROLOGY, and SEROLOGY):

Hyperlipemia, hypercholesterolemia.

PATHOLOGISTS CONCLUSIONS:

The clinical chemistry changes, liver histopathology and thyroidal changes are all indicative of and typical for hypothyroidism. Hypothyroidism is a metabolic state potentially affecting several organs, including skin, eye, and vasculature, among others. Therefore the further use of this dog's tissues cannot be recommended.

In addition, a severe arthrosis of the left hip joint was found.

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