

CASE NUMBER: O16997

DATE: 28.11 2017

PATIENT: Collie, short haired, male, 4 years old

NECROPSY REPORT

MACROSCOPIC FINDINGS:

1 § Post mortal changes: Discrete

2 § Nutritional status: Normal

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:
No significant pathological changes.

6 § Topography of internal organs, contents of body cavities, serosal surfaces:
No significant pathological changes.

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):
Pathological findings: severe bilaterally symmetric prostatic hyperplasia (7x5x6 cm). The cut surface shows multiple small (1-2mm) cysts and whitish secretion. The prostatic urethra shows multifocal mucosal lymphoid follicular hyperplasia. The urinary bladder's neck has petechial bleeding and mild mucosal hyperemia.

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

13 § Central nervous system: No significant pathological changes.

HISTOLOGICAL FINDINGS:

Prostate: diffuse glandular hyperplasia and moderate chronic multifocal lymphoplasmacytic prostatitis.

Testis: unilateral cystic enlargement of a semiferous tubulus with compression atrophy of surrounding testical tissue.

Lnn prescapularis dex: moderate lymphoid follicular hyperplasia.

Liver: moderate centrolobular vacuolar degeneration and lipofuscinosis.

OTHER FINDINGS (BACTERIOLOGY, VIROLOGY, and SEROLOGY):

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PATHOLOGISTS CONCLUSIONS:

The main autopsy findings include benign prostatic hyperplasia with a moderate chronic lymphoplasmacytic prostatitis. The change can indicate elevated testosterone levels in this dog. No other significant findings were seen.

Tissues not recommended for further use: prostate, testis, liver, lymph node.

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