



**PATIENT**

Leap Fauci

**PRESENTING CLINICAL SIGNS**

Right thigh SQ mass effect: R/O MCT, HSA, other

**SPECIES**

Canine

**COMPUTED TOMOGRAPHIC STUDY OF THE HIND LIMBS, ABDOMEN, & THORAX**

Post-contrast study only available for review.

**BREED**

Havanese

**COMPUTED TOMOGRAPHIC FINDINGS**

**Hind Limbs**

An ill-defined large cavitated soft tissue attenuating mass of approximately 8 x 4 cm is seen in the right caudal and proximal thigh. The mass blends into the subcutaneous tissue as well as into the femoral biceps and semitendinosus muscles with ill-defined margins. Strong nonuniform contrast enhancement with irregular shaped contrast sparing areas is seen. The mass begins caudal to the sciatic bone and extends up into the level of the popliteal fossa.

**SEX**

MN

Moderate bilateral stifle osteoarthritis and left sided medial patella luxation are seen.

**AGE**

14 Years

**Abdomen**

The patient is obese.

Expansile enlargement of both adrenal glands is seen with decreased attenuation and nonuniform contrast enhancement. Maximum diameter of the left adrenal gland is 2 cm and the right adrenal gland 1.3 cm.

Moderate generalized enlargement of the liver with rounded lobar margins is noted.

The spleen presents moderate generalized enlargement with diffuse heterogeneous contrast enhancement.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

**HOSPITAL NAME**

Animal Surgical  
Center

The right medial iliac lymph node is moderately enlarged.

A small subcutaneous nodule is noted in the right perineal area.

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**Thorax**

A moderate generalized bronchial lung patten is noted. There is no evidence of pulmonary nodules or masses.

Moderate tracheal collapse is seen.

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52028

No evidence of mediastinal lymphadenomegaly and no obvious cardiovascular changes are noted.

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

5-10-22

- Large cavitating mass meeting neoplastic criteria in the right caudoproximal thigh.
- Right medial iliac lymphadenomegaly.
- Bilateral expansile adrenomegaly.



**PATIENT**

Leap Fauci

- Hepatomegaly.
- Splenomegaly with heterogeneous contrast enhancement.
- Bronchial lung pattern.
- Tracheal collapse.
- Bilateral stifle osteoarthritis.
- Left sided medial patella luxation.

**SPECIES**

Canine

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**BREED**

Havanese

The CT findings are compatible with a soft tissue neoplasia within the right proximal thigh. The CT findings suggest aggressive biological behavior. Hemangiosarcoma is one major differential diagnosis. Mast cell tumor, round cell neoplasia, fibrosarcoma, all are lower potentials.

**SEX**

MN

The changes of the right medial iliac lymph node suggest potential for metastatic disease. Reactive hyperplasia cannot be ruled out. Consider fine needle aspiration for further definition.

**AGE**

14 Years

The changes of the adrenal glands may reflect bilateral functional hyperplasia secondary to pituitary dependent hyperadrenocorticism. However, bilateral adrenal nodules such as functional, nonfunctional, adenoma, adenocarcinoma, pheochromocytoma, metastatic disease, and incidentaloma cannot be ruled out. Correlate with laboratory values.

The hepatomegaly may represent endocrine/metabolic hepatopathy. Hepatitis or a diffuse infiltrative disease is thought less likely.

**INTERPRETED BY**

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Dr. med. Vet. DipECVDI

The splenomegaly may be due to congestion under general anesthesia. Consider extramedullary hematopoiesis, benign nodular hyperplasia, and less likely infiltrative disease as well as fine needle aspiration for further definition.

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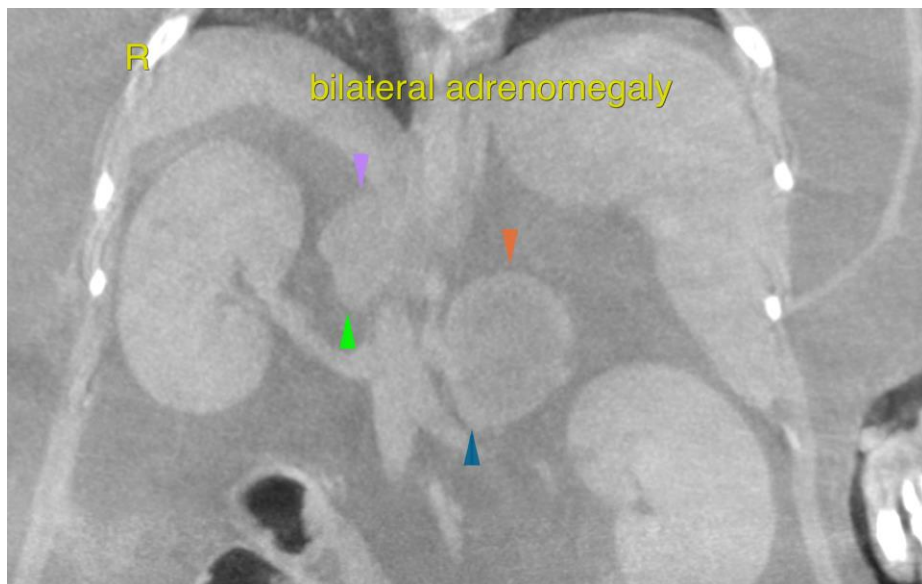
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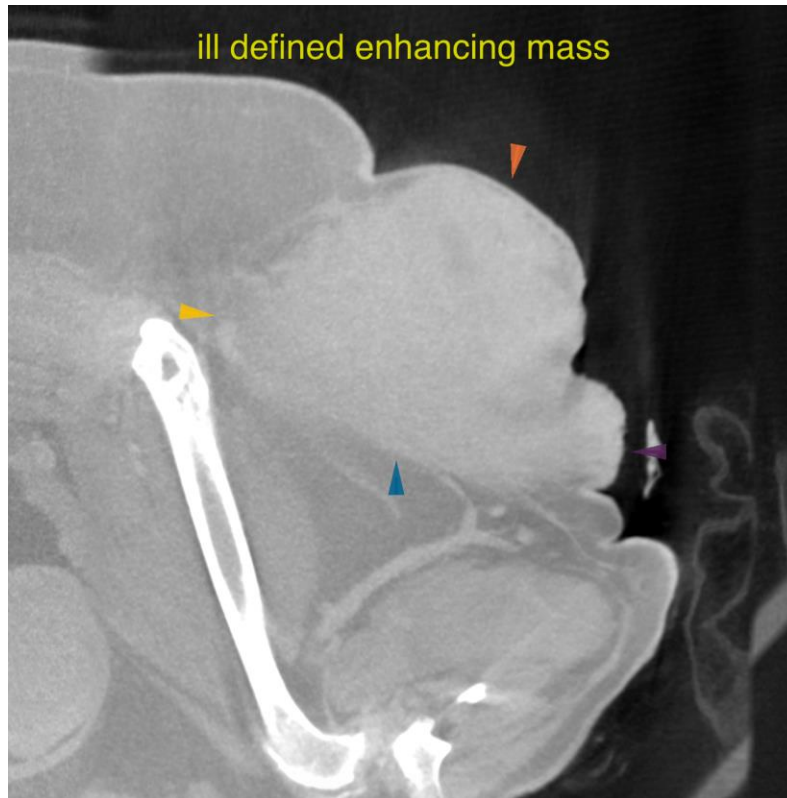
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

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