



PATIENT

Kayla Ward-Blank

PRESENTING CLINICAL SIGNS

Enlarged Spleen palpated on annual exam yesterday 12/19/22, no clinical signs per owner
Abnormal PE/Chem/CBC/UA Results: Screening for splenic/abdominal mass

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain study of the thorax and plain and post contrast studies of the abdomen available for review.

BREED

German Shepherd

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

Mild C7/T1 intervertebral disc protrusion with mineralization of the dorsal longitudinal ligament is seen.

SEX

Female Spayed

Multiple age related incidental pulmonary osteomas are seen. There is no evidence of interstitial pulmonary nodules or masses.

The mediastinal lymph nodes present within normal limits.

AGE

11 Years

Abdomen

The gallbladder is severely distended. A mild amount of mineral attenuating material is present within the gallbladder. Mild generalized thickening of the gallbladder wall is noted.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The liver presents within age related normal limits.

Moderate generalized enlargement of the spleen with multiple variably sized hyperenhancing nodules is seen.

HOSPITAL NAME

Catskill Veterinary
Services, PLLC

The left adrenal gland presents mild generalized increase in size with cranial and caudal pole diameters of approximately 12mm. A 10mm sized hypoenhancing nodule is seen within the cranial pole of the right adrenal gland.

Mild generalized enlargement of the pancreas with nodular appearance is noted.

REFERRING VET

Dr. Daniella Carbone

The kidneys present within age related normal limits.

Mild lumbosacral intervertebral disc protrusion is seen.

There are mild spondylarthroses within the caudal lumbar spine.

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Mild bilateral coxofemoral joint osteoarthritis is seen.

There is an intermuscular lipoma of 7 x 2 cm between the left proximal femoral biceps and semitendinosus muscles.

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Generalized muscle wasting is noted.



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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Moderate generalized splenomegaly with multiple nodules.
- Suspect benign nodular hyperplasia of the pancreas.
- Cranial pole nodule of the right adrenal gland.
- Mild left adrenomegaly.
- Biliary microlithiasis with suspect cholecystitis.
- No evidence of pulmonary metastases.
- Mild intervertebral disc protrusion C7/T1 and L7/S1.
- Mild bilateral coxofemoral joint osteoarthritis.
- Intermuscular lipoma left thigh.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Diffuse enlargement of the spleen with multiple nodules is seen. The perfusion pattern suggests benign nodular hyperplasia or extramedullary hematopoiesis rather than a neoplastic infiltrate even though this can never be ruled out entirely. The generalized enlargement of the spleen is likely due to idiopathic German shepherd dog hypersplenism. Diffuse infiltrative disease and splenitis are potential differential diagnoses. Further definition by means of ultrasound guided fine needle aspiration, further ultrasonographic monitoring, and elective/proactive splenectomy can be discussed.

The right adrenal gland nodule may represent a myelolipoma. Early pheochromocytoma, adenoma, adenocarcinoma, metastatic disease, and incidentaloma are potential differential diagnoses.

Differential diagnoses for the mild left adrenomegaly include anatomic variant, stress induced hyperplasia or pituitary dependent hyperadrenocorticism. Correlate with the laboratory values.



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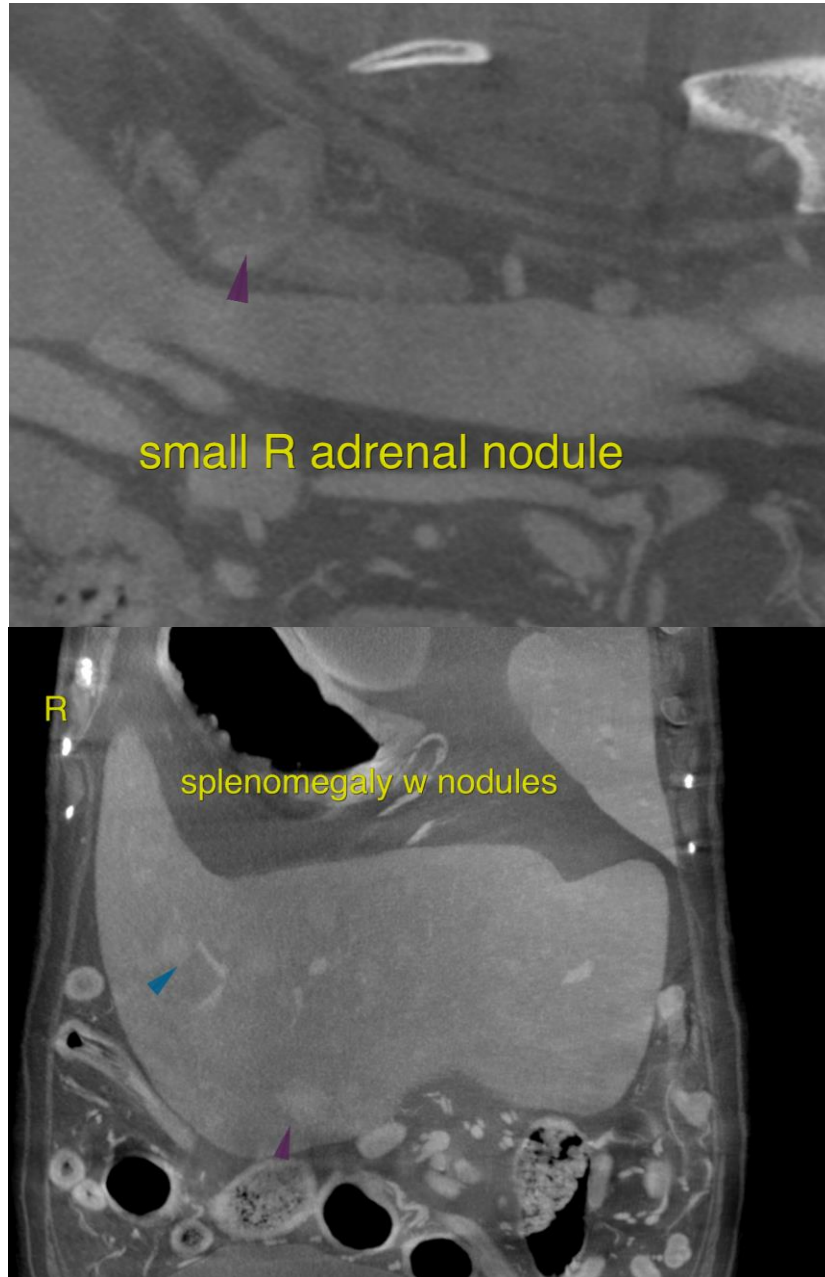
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

SPECIES

Canine

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