



PATIENT

Hannah Frey

PRESENTING CLINICAL SIGNS

The patient presented in February of 2022 to evaluate mass on right front leg, in house cytology came back inconclusive. CT performed as pre operative scan to remove mass but concern for splenic nodules seen so cytology performed of spleen and sent to lab and mass removal surgery postponed.

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

Shepherd Mix

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

Note the presence of multiple spondyloses within the lumbar spine and mild cranial as well as caudal thoracic spondyloses.

SEX

Female Spayed

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

AGE

10 Years, 4 Months

The cardiovascular structures including the pulmonary vasculature are within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

HOSPITAL NAME

Catskill Veterinary
Services, PLLC

Abdomen

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

REFERRING VET

Dr. Joseph
D'Abbraccio

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

INVOICE

54154

Mild generalized enlargement of the spleen is noted with diffuse heterogeneous enhancement as well as multiple hyperenhancing splenic nodules of varying size. Accentuation of the enhancement is in the periphery of the splenic parenchyma. No evidence of a splenic mass is seen.

There is mild generalized enlargement of the liver with uniform attenuation and enhancement of the parenchyma.

DATE

9-19-22

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.



PATIENT

Hannah Frey

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

The bony and surrounding soft tissue structures reveal no abnormalities.

SPECIES

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild generalized splenomegaly with diffuse heterogeneous and multinodular enhancement.
- Mild generalized hepatomegaly.

BREED

Shepherd Mix

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals diffuse heterogeneous as well as multinodular enhancement of the spleen. The peripherally accentuated heterogeneous enhancement may represent differential perfusion of the red and white splenic pulp as well as pooling of contrast media in the early phases of perfusion in the splenic sinusoids. However, there appear to be multiple nodules within the splenic parenchyma concurrently and differential diagnoses for these multiple nodules include extramedullary hematopoiesis, benign nodular hyperplasia, and less likely diffuse neoplastic infiltrate or metastatic disease. Sampling has been performed already for further definition.

SEX

Female Spayed

Differential diagnosis for the mild hepatomegaly includes vacuolar hepatopathy mainly. Metabolic, endocrine, diffuse inflammatory/infectious, or neoplastic infiltrate cannot be ruled out entirely. Correlate with the laboratory values.

AGE

10 Years, 4 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Catskill Veterinary
Services, PLLC

REFERRING VET

Dr. Joseph
D'Abbraccio

INVOICE

54154

DATE

9-19-22





PATIENT

Hannah Frey

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

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

BREED

Shepherd Mix

SEX

Female Spayed

AGE

10 Years, 4 Months

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Catskill Veterinary
Services, PLLC

REFERRING VET

Dr. Joseph
D'Abbraccio

INVOICE

54154

DATE

9-19-22