



PATIENT

Pepsi Aiken

PRESENTING CLINICAL SIGNS

Mass on the lumbar region of back, growing slowly and causes discomfort/itchiness per owner
 Abnormal PE/Chem/CBC/UA Results: No cytology performed prior, mass removed following CT

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

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

BREED

Mixed Breed

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

The patient's body condition score is excessive.

SEX

Male Neutered

An approximately 4.5 x 4.4 x 2.7 cm sized ovoid subcutaneous mass is seen in the dorsal midline level with the last thoracic and first lumbar vertebrae. The lesion margins are well defined. The mass is contained within the subcutis. No deeper extension is seen. However, the lesion margins between the dermal and subcutaneous tissues are ill-defined with extensive and irregular dermal thickening with increased contrast enhancement being seen superficial to the mass.

AGE

6 Years

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

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Catskill Veterinary Services, PLLC

Multiple small hyperenhancing splenic nodules are seen.

The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

REFERRING VET

Dr. Lindsey Green

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

Thorax

INVOICE

58128

The bony and surrounding soft tissue structures are within normal limits.

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

DATE

5-3-23

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

The bronchial tree presents with regular branching and tapers uniformly towards the periphery

**PATIENT**

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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.

SPECIES

Canine

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

COMPUTED TOMOGRAPHIC DIAGNOSIS**BREED**

Mixed Breed

- Well defined fat attenuating mass with extensive and irregular dermal thickening dorsal to the thoracolumbar spine.
- Multiple small splenic nodules
- Normal thorax.

SEX

Male Neutered

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are suggestive for lipoma with regional dermatopathy. The extensive and irregular dermal thickening may represent epithelial hyperplasia, chronic inflammation / ulceration, and less likely neoplasia such as soft tissue sarcoma. Further definition by means of histology of the removed mass is recommended if not performed already.

AGE

6 Years

Differential diagnosis for the small splenic nodules includes lymphoid hyperplasia, extramedullary hematopoiesis, and less likely neoplasia. FNA can be considered for further definition.

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REFERRING VET

Dr. Lindsey Green

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.

INVOICE

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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.

DATE

5-3-23

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