



PATIENT PRESENTING CLINICAL SIGNS

Kai Biletta Recent significant weight loss due to diet change. O reduced protein intake due to kidney values. Previously removed Right ventral tongue HSA. New small mass is present in the ventral tongue. Abnormal PE/Chem/CBC/UA Results: Pulmonary mass in chest. History of renal disease. Chronic dermatitis. Thin body condition.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, THORAX, & ABDOMEN

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

BREED

German Shepherd

COMPUTED TOMOGRAPHIC FINDINGS

Head

SEX

Neutered Male

The brain presents no deviation from normal anatomy and symmetry. The grey and white matter distinction and the neuroparenchymal attenuation are as expected. The distribution of contrast enhancement is within normal limits throughout the parenchyma and meninges. The ventricular system is non-dilated and within the limits of the expected volume and symmetry.

AGE

7 Years, 3 Months

Thin and smoothly folded conchae and turbinates with even smooth mucosal lining. The osseous lining of the nasal cavities is intact.

Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external auditory meatuses present within normal limits.

The salivary glands present within normal limits.

The visible dentition is within normal limits.

HOSPITAL NAME

Mobile Pet Imaging

A discrete mass of the tongue cannot be identified which is likely due to border effacement of the soft tissues. However, the right medial retropharyngeal lymph node presents mild enlargement and rounding with heterogeneous contrast enhancement. The lymph node diameter measures up to 16mm.

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Thorax

Wart-like dermal nodules are seen in the right thoracic wall.

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Multiple moderate to severe spondylosis deformans is seen from T3 - T10. Multiple chronic intervertebral disc protrusions are noted from T3-T10 as well.

The T8/9 vertebrae are fused. A large fat containing cystic lesion is seen on the left hand side within the fused vertebrae.

DATE

4-6-23



PATIENT Kai Biletta
 The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

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

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 A 25mm sized soft tissue attenuating nodule is seen in the lateroventral aspect of the left caudal lung lobe. A second 10mm sized nodule is seen within the right caudal lung lobe directly ventral to the caudal vena cava. Occasional pulmonary osteomas are noted.

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

Abdomen

SEX Neutered Male
 An approximately 6 x 3 cm sized lipoma is seen in the cranioventral abdominal wall between the layers of the ventral abdominal musculature.

A 15mm sized hyperenhancing nodule is seen in the left division of the liver. The remainder of the hepatic parenchyma presents within normal limits. The gallbladder is severely distended.

AGE 7 Years, 3 Months
 The portal lymph nodes present within normal limits.

Moderate to severe generalized splenomegaly with multiple variably sized hypoenhancing nodules are seen.

INTERPRETED BY Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI
 Both kidneys present mineral attenuating material within the renal papillae with no evidence of obstruction. The nephrogram is slightly heterogeneous in both kidneys.

The adrenal glands present within normal limits.

Moderate degenerative lumbosacral stenosis is seen.

HOSPITAL NAME Mobile Pet Imaging
COMPUTED TOMOGRAPHIC DIAGNOSIS

- Two pulmonary nodules within the left and right caudal lung lobe meeting neoplastic / metastatic criteria.
- Right medial retropharyngeal lymphadenomegaly.
- Splenomegaly with multiple hypoenhancing nodules.
- Single hyperenhancing liver nodule.
- Bilateral nephrocalcinosis with signs of chronic renal disease.
- Multiple chronic intervertebral disc protrusions and spondyloses within the thoracic and lumbar spine including the lumbosacral junction.
- Vertebral fusion T8/9 with a large fatty bone marrow island.

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INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

DATE 4-6-23
 The tongue mass cannot be clearly delineated. However, there is right medial retropharyngeal lymphadenomegaly which may represent a round cell infiltrate / metastases versus reactive lymphadenitis. Fine needle aspiration is recommended for further definition.



PATIENT

Kai Biletta

The pulmonary nodules are likely to represent a neoplastic infiltrate such as with round cells or metastases. Further definition by means of ultrasound guided fine needle aspiration of the nodule within the left caudal lung lobe using a parasternal intercostal approach could be considered.

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Canine

The splenic findings are highly suggestive for a neoplastic infiltrate such as with round cells or metastases. Lymphoid hyperplasia or extramedullary hematopoiesis cannot be ruled out entirely but is thought by far less likely. Consider ultrasound guided fine needle aspiration for further definition.

BREED

German Shepherd

The single liver nodule may well represent regenerative nodule or benign nodular hyperplasia. Metastases cannot be ruled out entirely. Consider ultrasound guided fine needle aspiration for further definition.

SEX

Neutered Male

AGE

7 Years, 3 Months

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HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

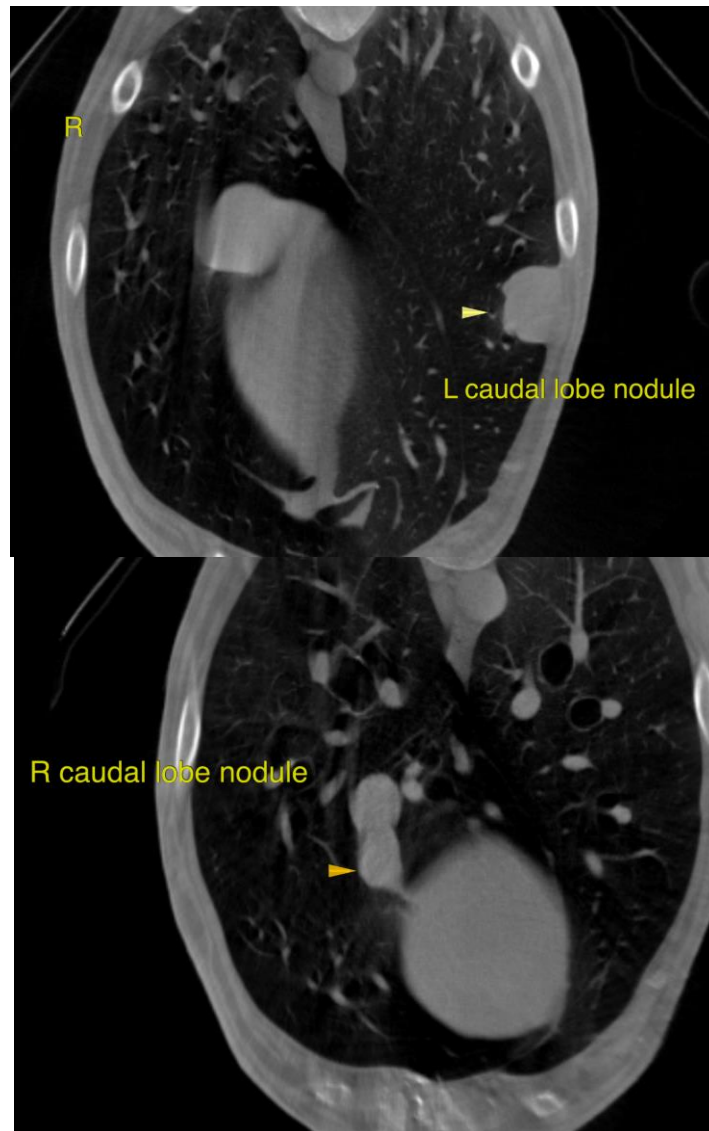
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PATIENT

Kai Biletta

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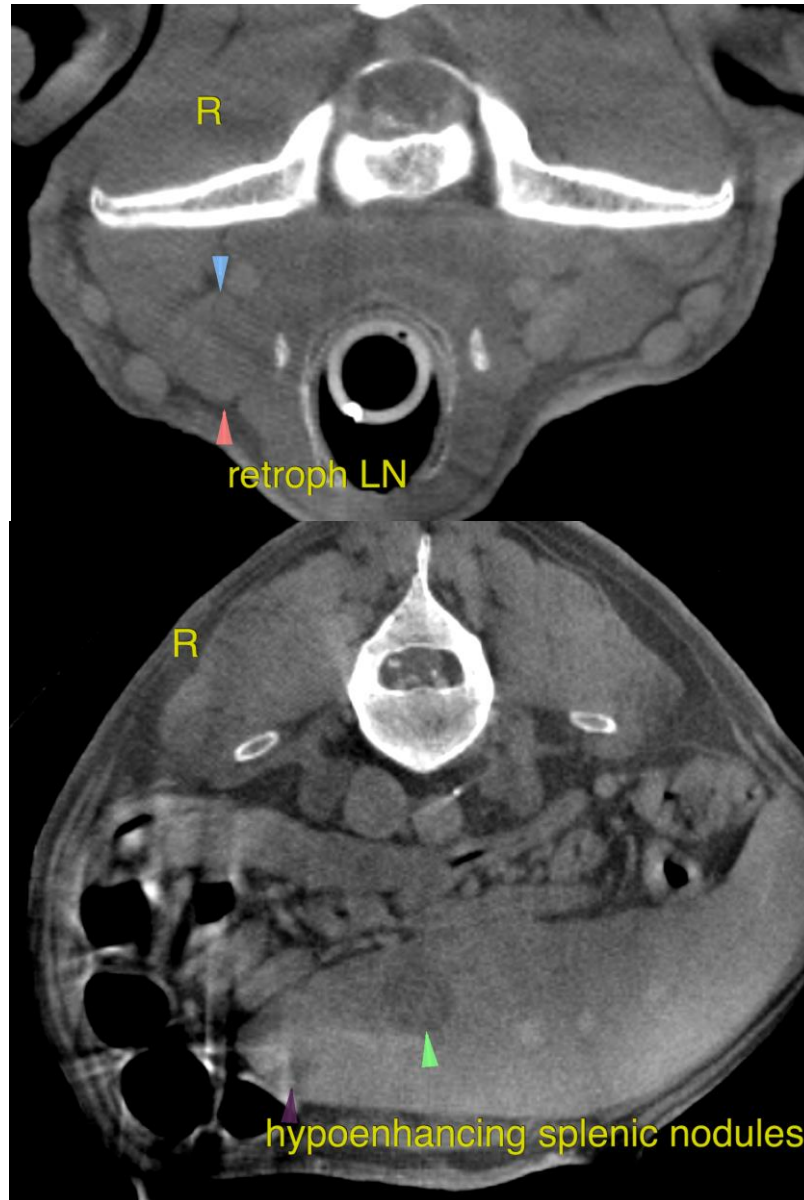
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Kai Biletta

SPECIES

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.

Canine

BREED

Nele Eley (Ondreka), 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

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