



PATIENT

Wynie Aronson

PRESENTING CLINICAL SIGNS

Sneezed frank blood last night. Dental with extractions last month
Abnormal PE/Chem/CBC/UA Results: missing teeth, cataract OS

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

A high resolution pre- and post-contrast CT study of the skull and abdomen and a post-contrast CT study of the thorax are provided for review.

BREED

Yorkshire Terrier

COMPUTED TOMOGRAPHIC FINDINGS

Skull

Multiple teeth are absent.

SEX

Female Spayed

In the nasal cavity bilaterally, L>R, multiple consolidated regions are visible with focal contrast enhancement.

AGE

14 Years

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

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

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME

Mobile Pet Imaging

The left mandibular and left medial retropharyngeal lymph node are prominent, uniform soft tissue attenuating and contrast enhancing.

The intervertebral disc space C6/C7 and C7/T1 are collapsed and the respective vertebral endplates present moderate to marked spondylosis formation. The subchondral bone of the vertebral endplates C6/C7 and C7/T1 show evidence of chronic osseous remodeling.

REFERRING VET

Meaux

Thorax

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 is uniform and considered within normal limits.

INVOICE

48892

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

DATE

12-8-21

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.



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

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Abdomen

SPECIES

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

Canine

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In the lateral aspect of the left kidney, a well-defined, spherical pre- and post- contrast hypoattenuating lesion, measuring 1.6 cm in diameter, protruding mildly beyond the renal surface is seen. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

Yorkshire Terrier

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

SEX

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

Female Spayed

AGE

The hepatic volume is moderately increased and the caudoventral margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing. A small parenchymal filling defect is seen in the caudate process of the caudate liver lobe.

14 Years

Multiple mineral attenuating calculi measuring up to 3.5 mm in diameter are visible.

INTERPRETED BY

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

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

HOSPITAL NAME

The intervertebral disc spaces T13/L1 to L2/L3 are collapsed. Level with the intervertebral disc space L1/L2 and L3/L4 disc material is mildly protruding into the vertebral canal. Eight lumbar vertebra are present. S1 is asymmetric, presenting a malformed transverse process articulating with the right iliosacral joint.

Mobile Pet Imaging

REFERRING VET

Multiple mineralizations are seen of the ventral abdominal wall – history of laparotomy.

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A TPLO implant is visible at the medioproximal aspect of the left tibia.

COMPUTED TOMOGRAPHIC DIAGNOSIS

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- Regions of nasal consolidation, L>R
- Mild lymphadenopathy left mandibular and medial retropharyngeal lymph node
- Hepatomegaly & small hepatic cyst
- Cholecystolithiasis without evidence of obstruction
- Left sided renal cyst
- Multifocal chronic discopathy caudal cervical spine, thoracolumbar junction and lumbar spine ± mild intervertebral disc protrusion without compressive myelopathy
- History of left sided cranial cruciate ligament surgery, TPLO
- Spondylosis deformans



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- Multiple absent teeth
- Asymmetric lumbosacral transitional vertebra (Type III)
- Structural normal thorax

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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The consolidated nasal regions can present hematoma attached to locally thickened mucosal lining. Differentials are granuloma, benign mucosal proliferation such as adenoma/adenomatoid polyp formation, the changes seen are not typical for aggressive neoplastic disease. Rule out other potentials for epistaxis such as systemic hypertension, immune mediated disease, non-specific rhinitis (e.g. lymphocytic plasmocytic), hyperviscosity syndrome (e.g. Leishmaniosis), other causes for coagulopathy. Rhinoscopy might be used as an advanced diagnostic test.

BREED

Yorkshire Terrier

The prominent regional lymph nodes are most consistent with reactive hyperplasia. Consider FNA sampling to confirm the diagnosis.

SEX

Female Spayed

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or diffuse neoplastic infiltration. In case of doubt, ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup.

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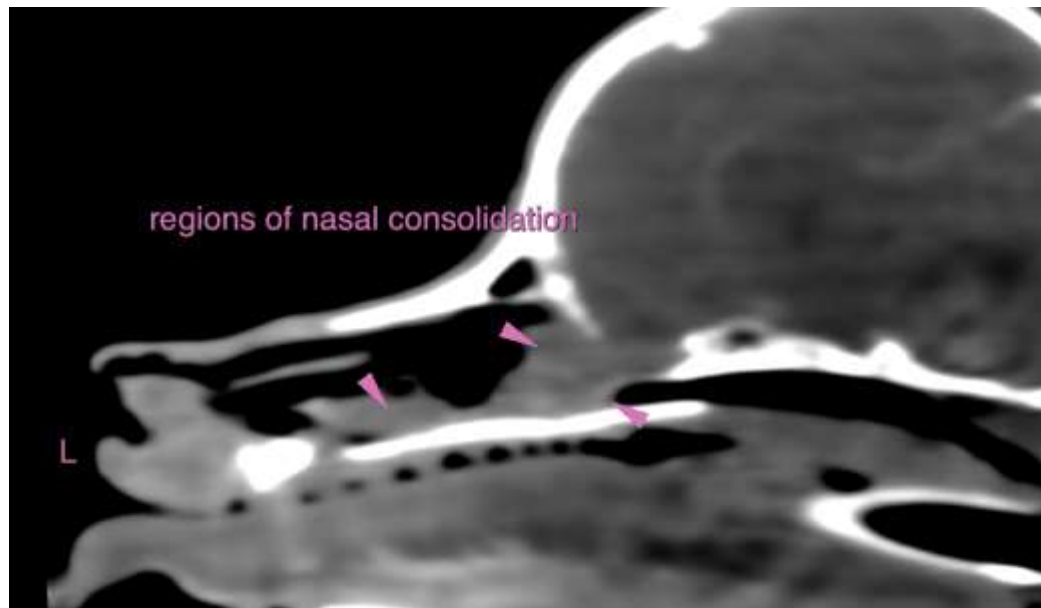
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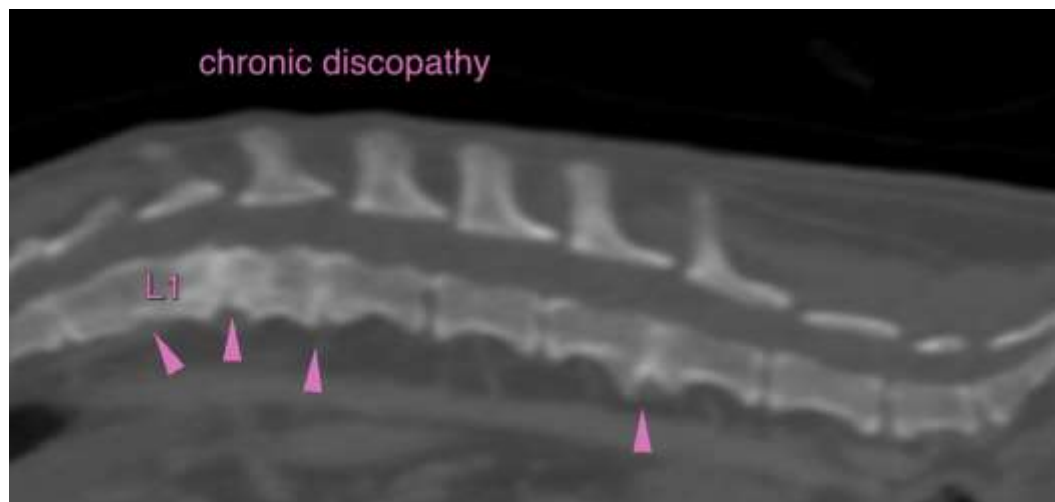
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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