



PATIENT PRESENTING CLINICAL SIGNS

Tuna Dasher
wellness check
Abnormal PE/Chem/CBC/UA Results: wellness check

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE HEAD, NECK, THORAX, & ABDOMEN

Canine Plain and post contrast studies in soft tissue and bone windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Chi X

Head

Mild bilateral lateral ventriculomegaly of the brain without evidence of active distension of the ventricular system is seen.

SEX

MN

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.

AGE

12 Years

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.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

The salivary glands present within normal limits.

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The

Neck

Number, alignment, and anatomy of the cervical vertebrae present within normal limits.

REFERRING VET

Garcia

Axial musculature, cervical lymph nodes, and thyroid glands present within normal limits.

No evidence of craniocervical junction abnormality.

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Thorax

Mild cranioventral atelectatic changes of the lung are seen.

Mild flattening of the thoracic trachea is noted.

DATE

2-16-23

There is mild generalized dilation of the esophagus with moderate fluid content of the esophagus. Redundancy of the cranial thoracic esophagus is noted.

There is no evidence of cardiovascular pathology.



PATIENT **Abdomen**

Tuna Dasher Mild generalized enlargement of the liver is noted. Attenuation and enhancement of the hepatic parenchyma present within normal limits. The gallbladder, cystic, and common bile ducts present within normal limits.

SPECIES

Canine

The right portal lymph node presents mild symmetric enlargement and measures 12mm in diameter.

BREED

Chi X

Mild generalized enlargement of the pancreas is noted with no evidence of regional mesenteropathy.

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.

SEX

MN

Inverted layering of the contrast media and urine is seen in the severely distended urinary bladder.

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

AGE

12 Years

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

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mild ventriculomegaly of the brain – likely incidental.
- Redundant esophagus – likely incidental.
- Gastroesophageal reflux – incidental and anesthesia related versus esophagitis.
- Mild generalized hepatomegaly.
- Mild portal lymphadenomegaly.
- Inverted layering of the contrast media within the urinary bladder.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Differential diagnosis for the mild generalized hepatomegaly includes vacuolar hepatopathy, metabolic, endocrine hepatopathy, and hepatitis as well as diffuse infiltrative disease. Correlation with the laboratory values and parenchymal sampling could be considered for further definition. Note the presence of mild right portal lymphadenomegaly. The findings suggest reactive hyperplasia. A neoplastic infiltrate cannot be ruled out entirely but is considered by far less likely. Consider ultrasonographic monitoring or sampling.

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The inverted layering of the contrast media within the urinary bladder may indicate hematuria, infectious debris, glucosuria, or purulent fluid. Further definition by means of ultrasound with urine sampling and full urinalysis could be considered.

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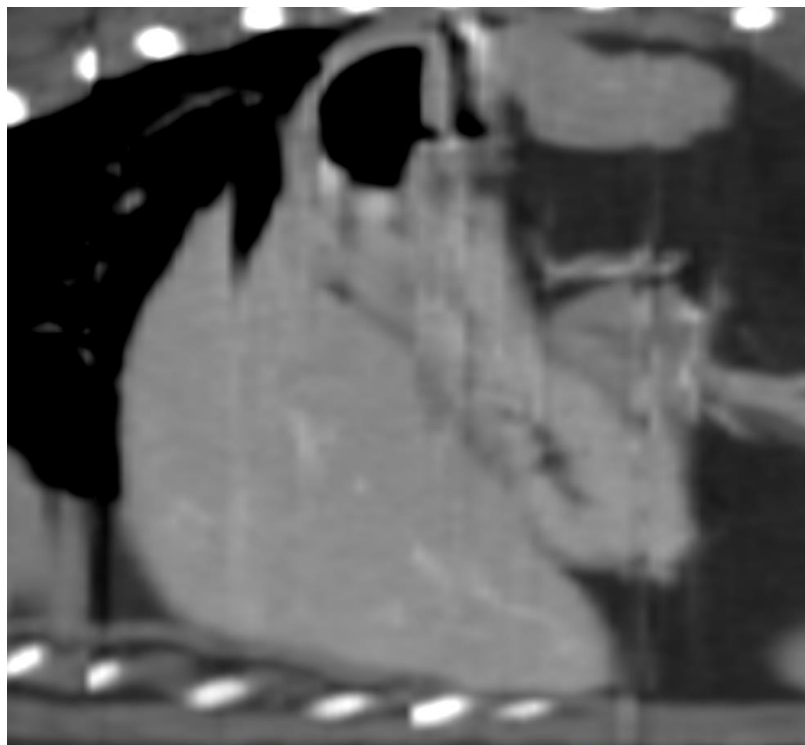
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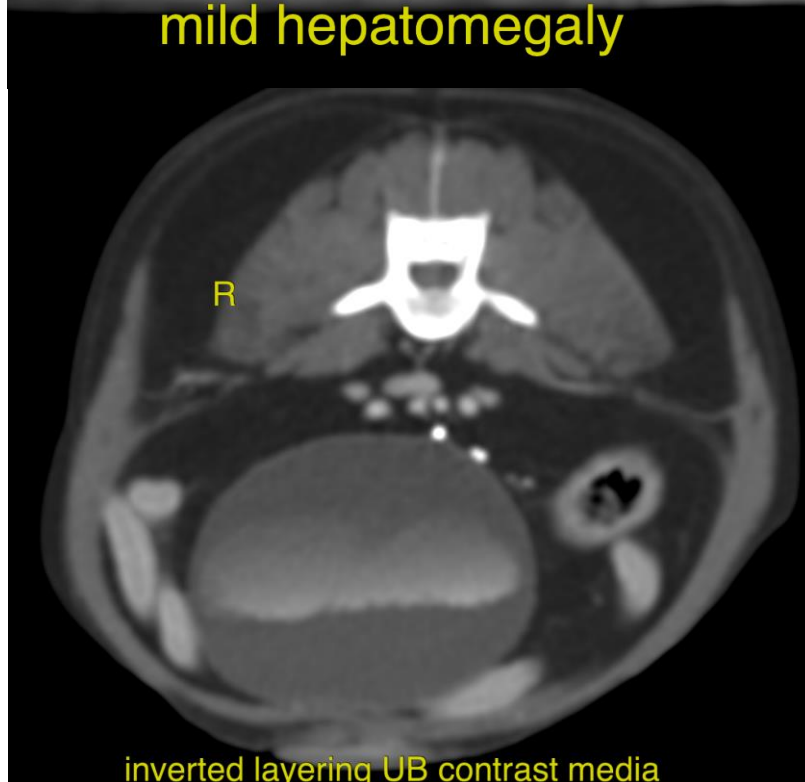
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mild hepatomegaly



inverted layering UB contrast media



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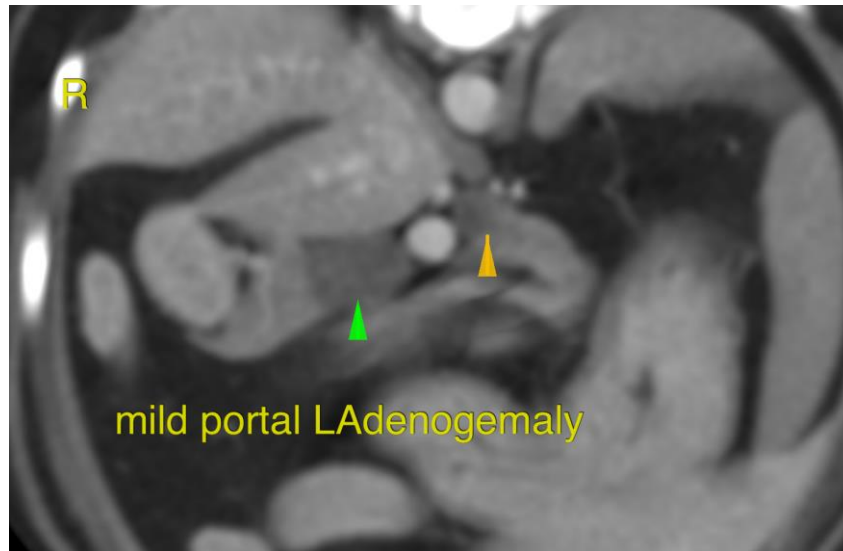
Garcia

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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.

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