



PATIENT PRESENTING CLINICAL SIGNS

Ragnar Rosen History: Surgical planning and staging for neck mass.
Abnormal PE/Chem/CBC/UA Results:

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

Canine 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 COMPUTED TOMOGRAPHIC FINDINGS

Newfoundland **Thorax**

SEX

Neutered Male

Originating from the left thyroid gland, a well-defined, ovoid shaped, soft tissue attenuating and heterogeneous contrast enhancing mass is visible measuring 7.2 x 6.0 x 10.4 cm in size. The remainder of the osseous and soft tissue structures of the neck are within normal limits.

AGE

8 Years

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.

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

INTERPRETED BY

Sebastian Schaub, 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.

HOSPITAL NAME

Mobile Pet Imaging

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

Abdomen

REFERRING VET

Dr. Meaux

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

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.

INVOICE

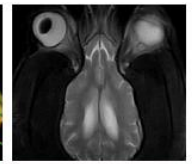
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The adrenal glands are within normal limits for size, shape and organ architecture.

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

DATE

2/24/22



PATIENT The portal vein presents a normal order of its tributary veins and intrahepatic branching. No abnormal vessel is noted inside and outside of the liver parenchyma.

Ragnar Rosen

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

SPECIES

Canine

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

BREED

Newfoundland

Generalized mild mineralization of the dural tube is seen. The lumbosacral intervertebral disc is significantly protruding into the vertebral canal, occupying up to 100% of the cross-sectional area of the vertebral canal at the same level. The intervertebral discs L3/L4 to L5/S1 are mildly protruding into the vertebral canal

SEX

Neutered Male

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left thyroid mass without evidence of vascular invasion
- Degenerative lumbosacral stenosis with compression of the caudal equina fibers
- Multifocal mild intervertebral disc protrusion along the lumbar spine
- Dural mineralization
- No evidence of pulmonary metastatic disease

AGE

8 Years

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The mass at the left aspect of the neck is highly suggestive for primary left thyroid neoplasia and thyroid carcinoma is the top differential here. Theoretically, goiter is a potential as well. Complete surgical excision of the mass is considered feasible.

HOSPITAL NAME

Mobile Pet Imaging

There is no sign for metastatic disease throughout the thorax & abdomen.

REFERRING VET

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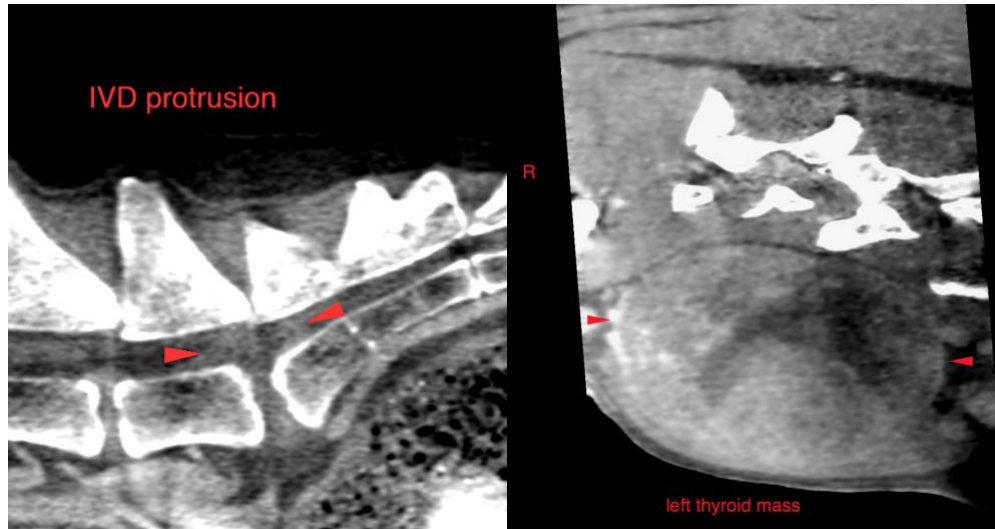
Dr. Meaux

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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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