



PATIENT PRESENTING CLINICAL SIGNS

Tito Gomez History: See attached ultrasound/echo report.

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

SPECIES

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Italian Greyhound

Thorax

Multifocal advanced spondylosis formation is seen along the caudal cervical spine.

SEX

Neutered Male

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.

AGE

13 Years

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

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.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

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

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Abdomen

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

REFERRING VET

Meaux

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration in the cortex of the left kidney, well-defined, roundish, parenchymal filling defects are seen. The prostate presents with an intraparenchymal filling defect, measuring 11 mm in diameter.

INVOICE

14494

Originating from the left adrenal gland, a bilobed soft tissue mass is visible, measuring 2.2 x 2.3 x 3.0 cm in size. The left phrenicoabdominal vein is moderately distended by soft tissue attenuating and post contrast hypoattenuating material and a mushroom shaped filling defect is protruding into the caudal vena cava, level with the orifice of the left phrenicoabdominal vein.

DATE

3/24/22

The right adrenal gland is within normal limits for size, shape and organ architecture.



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

Tito Gomez

At the caudoventral aspect of the quadrate liver lobe, a roundish, ill-defined, heterogeneous contrast enhancing mass, measuring 3.1 cm in diameter is protruding beyond the hepatic surface.

SPECIES

Canine

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

BREED

Italian Greyhound

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

Marked spondylosis formation is seen along the cranial lumbar spine.

COMPUTED TOMOGRAPHIC DIAGNOSIS

SEX

Neutered Male

- Left adrenal mass with vascular invasion of the left phrenicoabdominal vein and tumor thrombus formation in the caudal vena cava
- Solitary hepatic mass
- Intraprostatic cyst
- Left renal cyst
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The left adrenal mass is compatible with primary adrenal neoplasia, such as adenocarcinoma, pheochromocytoma with evidence of vascular invasion.

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The hepatic mass is not specific and benign nodular hyperplasia or neoplastic transformation – such as hepatocellular adenoma/carcinoma are considerations here. Ultrasound guided FNA sampling can be used as advanced diagnostic test. Surgical excision of the hepatic mass appears feasible.

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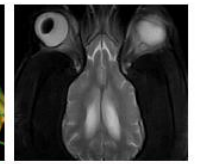
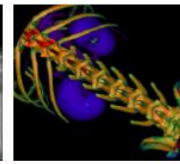
The intraprostatic cyst in a neutered male patient is concerning for neoplastic transformation – such as prostatic adenocarcinoma – and FNA sampling/prostatic biopsy are strongly recommended for further definition.

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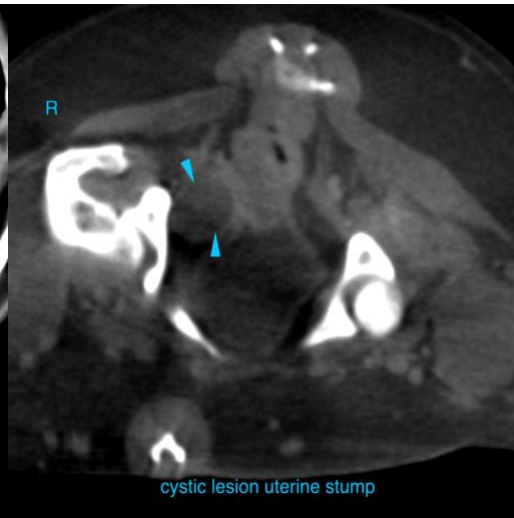
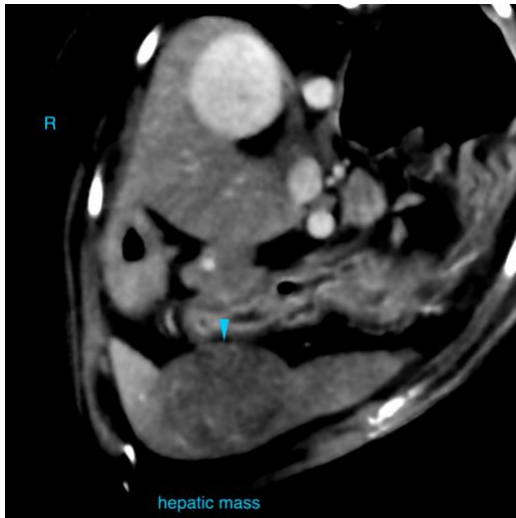
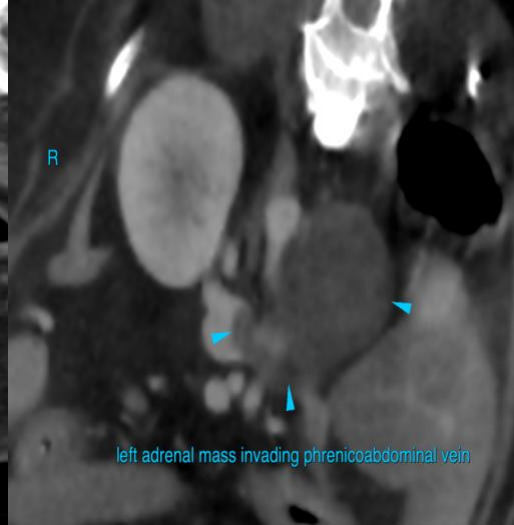
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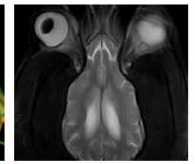
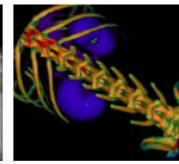
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SPECIES

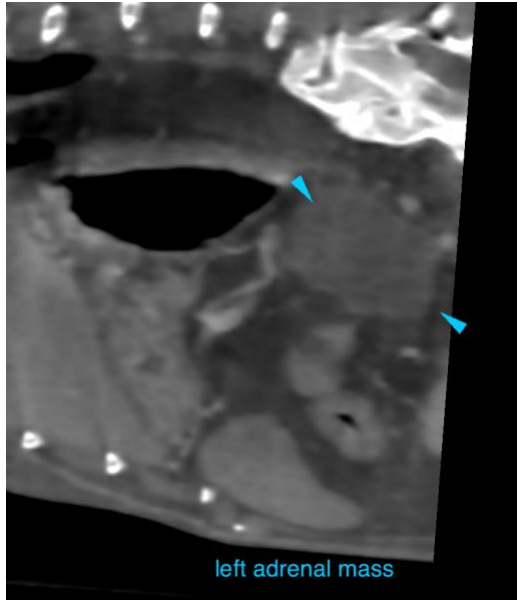
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Italian Greyhound

SEX

Neutered Male



AGE

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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.

INTERPRETED BY

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