



PATIENT PRESENTING CLINICAL SIGNS

Bailey Martinelli History: Elevated liver enzymes, liver mass apparent on radiographs and ultrasound.

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX AND ABDOMEN

SPECIES

Canine

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

COMPUTED TOMOGRAPHIC FINDINGS

BREED Thorax

Maltese Mix

The vertebral endplates T5/T6 present mild spondylosis formation. The periarticular bones of both shoulder joints present mild osteophyte new bone formation.

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 is uniform and considered within normal limits.

AGE

8 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.

Abdomen

HOSPITAL NAME

CARE Surgery Center

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

REFERRING VET

Dr. Bleakley

The cranial pole of the right kidney presents a small concave depression of the capsule – post contrast administration, a hypoattenuating wedge shaped area is seen at the same level.

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

INVOICE

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

Likely originating from the papillary process of the caudate liver lobe, an ovoidal, irregular contrast enhancing mass is seen, measuring 6.3 cm x 4.3 x 4.3 cm in size. The remainder of the hepatic

DATE

3/2/23



PATIENT parenchyma present smooth margins and a uniform contrast enhancement pattern. The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.
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SPECIES The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

Canine The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

BREED

Maltese Mix

- Hepatic mass with intraparenchymal cysts – likely originating from the papillary process of the caudate liver lobe
- Chronic renal infarct right kidney
- Mild degenerative osteoarthritis shoulder joints and coxofemoral joints bilaterally.
- Spondylosis deformans
- No evidence of pulmonary metastatic disease

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE The hepatic mass is fitting the history and appears to arise from the papillary process of the caudate liver lobe – potentials include regeneration nodule or neoplasia such as hepatocellular adenoma/carcinoma, further differentiation is not possible by CT. Ultrasound guided FNA sampling can be used as advanced minimally invasive diagnostic tool. Complete surgical resection of the mass is considered feasible.
8 Years

INTERPRETED BY

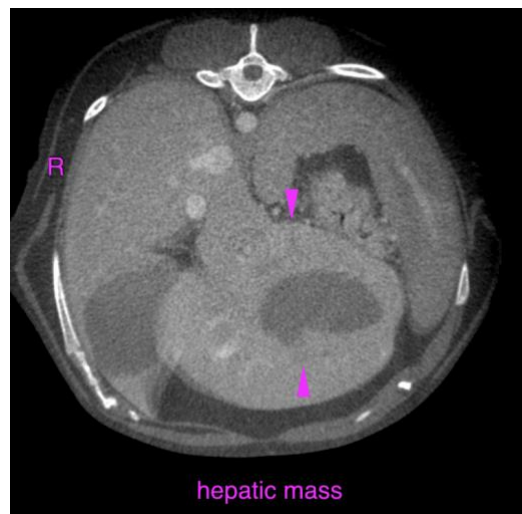
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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PATIENT

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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SPECIES

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Canine

BREED

Maltese Mix

SEX

Neutered Male

AGE

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