



PATIENT PRESENTING CLINICAL SIGNS

Tommy Perez History: CT for suspected liver mass and surgical planning.
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 abdomen and a post-contrast CT study of the thorax are provided for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Terrier Mix **Thorax**

SEX

The bony and surrounding soft tissue structures are within normal limits.

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

12 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.

INTERPRETED BY

The lung parenchyma presents the expected architecture and attenuation behavior.

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

Dr. Meaux

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration both kidneys present multiple small (<3 mm) roundish parenchymal filling defects.

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

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

DATE

2/17/23

Originating from the caudate process of the caudate liver lobe, an irregular marginated, soft tissue attenuating mass, presenting multifocal mild amorphous mineralization, is protruding into the right



PATIENT Tommy Perez
 cranial abdomen, measuring 8.2 x 6.3 x 7.0 cm in size. Post contrast administration, the hepatic mass has a heterogeneous contrast enhancement pattern. The duodenum and pancreas are deviated ventrally by the mass effect. The remainder of the liver present smooth margins and are homogeneous soft tissue attenuating and contrast enhancing.

SPECIES
 Canine
 The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.
 The lumbosacral intervertebral disc is protruding into the vertebral canal, occupying approximately 50% of the cross-sectional area of the vertebral canal at the same level.

BREED **COMPUTED TOMOGRAPHIC DIAGNOSIS**

- Terrier Mix
- Solitary hepatic mass originating from the caudate process of the liver
 - Renal cortical cysts
 - Intervertebral disc protrusion L7/S1 with likely dynamic compression of the cauda equina fibers
 - Normal thorax, no evidence of pulmonary metastatic disease

SEX

Neutered Male

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

AGE

12 Years

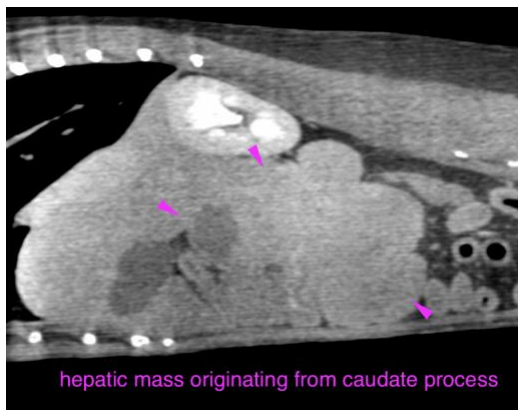
The findings are confirming the diagnosis of a hepatic mass, originating from the caudate process of the liver, primary hepatic neoplasia such as hepatocellular adenoma/carcinoma is likely. Complete surgical excision of the hepatic mass is considered feasible.

INTERPRETED BY

Sebastian Schaub, DVM
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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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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.

DATE

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Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
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Tommy Perez

SPECIES

Canine

BREED

Terrier Mix

SEX

Neutered Male

AGE

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