



PATIENT

Tucker Evans

PRESENTING CLINICAL SIGNS

Presented for increased liver enzymes Liver mass/nodule noted on ultrasound. No major clinical signs.
Abnormal PE/Chem/CBC/UA Results: Alt 204 u/l, alp 486 u/l

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies of the abdomen and post contrast study of the thorax available for review.

BREED

Springer Spaniel

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

SEX

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

MN

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.

AGE

11

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

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

A 7 x 6 x 4 cm sized irregular shaped soft tissue attenuating mass is seen emerging from the left division of the liver. The mass is in a left lateral and caudal position and presents stalk-like connection with the left lateral liver lobe. Moderate nonuniform contrast enhancement is seen on the post-contrast study. There is no evidence of regional hemorrhage or fat stranding. The remainder of the liver presents within normal limits.

Occasional faintly hyperenhancing splenic nodules are seen.

HOSPITAL NAME

Northeast Veterinary
Referral Hospital

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

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

REFERRING VET

Dr. Runde

Multiple spondyloses are present within the lumbar spine.

Thorax

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

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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.

DATE

5-11-22

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

The visible lung presents no evidence of interstitial nodules or masses. The tips of the cranial lung lobes are not fully included in the collimated field of view.



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

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Single large pedunculated liver mass emerging from the left lateral liver lobe.
- Splenic nodules.
- Multiple spondyloses.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a large pedunculated soft tissue mass emerging from the left lateral lobe of the liver. Differential diagnosis includes hepatocellular carcinoma, hepatoma, and less likely sarcoma, or round cell neoplasia. The mass is in a resectable position.

SEX

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The splenic nodules may represent benign nodular hyperplasia or extramedullary hematopoiesis. Metastatic disease is thought very unlikely but can never be ruled out entirely.

The visible lung revealed no evidence of pulmonary metastases.

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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.

SPECIES

Canine

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