



PATIENT

Sofie Bausk

PRESENTING CLINICAL SIGNS

Presented for routine checkup/vax and some jaundice noted. Labs showed very elevated liver enzymes and T. bili. Concerned for liver mass vs other.
 Abnormal PE/Chem/CBC/UA Results: CBC: unremarkable Most recent chem: GGT 46, T. Bili 2.3

SPECIES

Canine

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

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

Cavalier King Charles Spaniel

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

SEX

The caudal thoracic spine presents moderate spondylosis formation. In the subcutaneous tissue dorsal to T4/T5 localized mild fat-stranding with small gas inclusions is seen.

Female Spayed

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

11 Years

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 with interspersed punctuate mineralization.

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

Meaux

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

INVOICE

49087

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration, the right kidney presents with two small (<4 mm) parenchymal filling defects in the renal cortex.

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

DATE

12-16-21

The spleen present with normal shape, even surface and mild heterogeneous soft tissue attenuating and contrast enhancing splenic parenchyma, presenting irregular mild hypoattenuating regions.

The hepatic volume is mildly increased and the caudoventral margins are mildly rounded. The

**PATIENT**

hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

Sofie Bausk

The gallbladder contains a mild to moderate amount of biliary sludge. The common bile duct is not dilated and can be followed up to the level of the papilla duodeni major.

SPECIES

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

Canine

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

BREEDCavalier King Charles
Spaniel

Multifocal moderate spondylosis formation is seen along the lumbar spine. Mild mineralization's of the dural tube are noted. Multiple subcutaneous nodules of variable size are seen along the abdominal wall as well as multiple wart-like cutaneous lesions.

COMPUTED TOMOGRAPHIC DIAGNOSIS**SEX**

Female Spayed

- Mild hepatomegaly
- Mild to moderate biliary sludge
- Suspect splenic myelolipomas
- Renal cortical cysts
- Multiple non-specific subcutaneous soft tissue nodules & cutaneous wart-like lesions
- Spondylosis deformans
- Pulmonary osteomas

AGE

11 Years

INTERPRETED BYSebastian Schaub, DVM
Dr. med. vet. DipECVDI**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

Potentials for the hepatomegaly include metabolic hepatic disease, hepatitis or less likely diffuse neoplastic infiltration. Ultrasound guided FNA sampling and/or Tru-cut biopsy can be used as minimally invasive methods for further workup. There is no evidence of a hepatic mass. Complementing lab-work by testing for potential infectious agents, such as Ehrlichiosis, Babesiosis might be beneficial as well.

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Ultrasound of the gallbladder will also help to evaluate the quality of the bile in the gallbladder and if there is evidence of mucocele formation – but without signs for obstruction of the common bile duct.

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The information and recommendations provided are based on the images presented by the referring veterinarian. 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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