



PATIENT

Misty Weatherby

PRESENTING CLINICAL SIGNS

Recurrent urate stones, elevated liver enzymes & bile acids. Rule out portosystemic shunt.

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

SPECIES

Canine

A high resolution plain CT study of the abdomen and a plain CT study of the thorax are provided for review.

BREED

Schnauzer

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

In the subcutaneous tissue of the left caudoventral thoracic wall, a small lipoma is seen.

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation pattern is uniform and considered within normal limits.

SEX

Spayed Female

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.

AGE

9

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

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

HOSPITAL NAME

Aloha Pet & Bird
Hospital

Both kidneys present within normal limits for size, shape and organ architecture. A very small amount of mineral attenuating material is seen in the renal pelvis bilaterally. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted. Multiple, well-defined, homogeneous mineral attenuating calculi are seen in the urinary bladder, measuring between <1 mm and 15 mm in size.

REFERRING VET

Dr. Dan Pepen

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

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

INVOICE

56796

The hepatic volume is decreased and the gastric axis is steep.

The cranial abdomen presents in a very early post contrast phase and there is no contrast filling of the most cranial segment of the portal vein. The portal vein presents a normal order of its tributary veins. The left gastric vein is dilated, presenting the same diameter like the paralleling portal vein. An anomalous vascular loop is extending from the dilated left gastric vein cranially, beyond the level of the stomach, between the left hepatic lobes – the termination cannot be clearly assessed, due to the lack of contrast enhancement.

DATE

2-16-23

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents



PATIENT uniform contrast enhancement.

Misty Weatherby

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

SPECIES

Canine

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Single congenital portosystemic shunt, suspect left gastric vein to phrenic vein
- Cystolithiasis +++ - history of urate stones
- Mild microhepatica
- Normal thorax

BREED

Schnauzer

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study presents pathological dilation of the left gastric vein and an anomalous vascular loop originating from the left gastric vein extending dorsally between the left hepatic liver lobes – unfortunately there is no contrast enhancement of the respective vessel. However, given the course of the anomalous vascular loop the most likely diagnosis is portophrenic shunt, as there is no abnormal dilation of the azygos vein. In case of doubt, recommend repeating the scan of the cranial abdomen in a more delayed contrast phase to confirm the diagnosis.

AGE

9

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Aloha Pet & Bird
Hospital

REFERRING VET

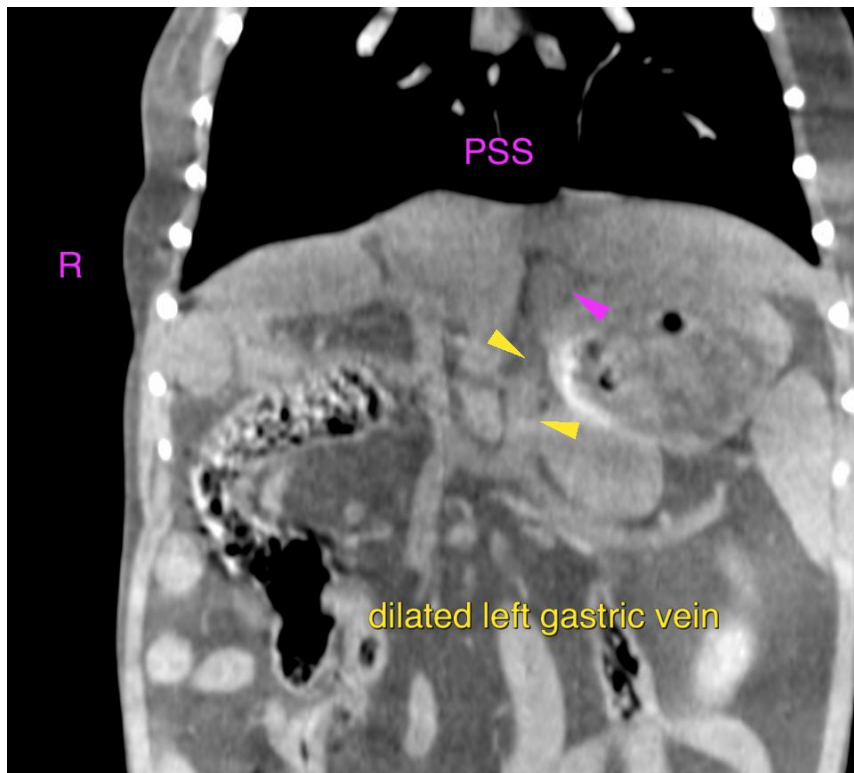
Dr. Dan Pepen

INVOICE

56796

DATE

2-16-23





PATIENT

Misty Weatherby

SPECIES

Canine

BREED

Schnauzer

SEX

Spayed Female

AGE

9

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Aloha Pet & Bird
Hospital

REFERRING VET

Dr. Dan Pepen

INVOICE

56796

DATE

2-16-23



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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com