



PATIENT PRESENTING CLINICAL SIGNS

Chloe Chloe History: Unknown abdominal mass found on ultrasound while looking to see the cause of urinary incontinence.

SPECIES Abnormal PE/Chem/CBC/UA Results:

Canine **COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN**

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

BREED **COMPUTED TOMOGRAPHIC FINDINGS**

Pitbull Mix

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.

SEX

Spayed Female

Originating from the right adrenal gland an ovoid shaped, mild ill-defined, amorphous mineralized and heterogenous contrast enhancing mass is visible. The right adrenal mass is measuring 4.3 x 4.1 x 5.7 7 cm in size. The caudal vena cava level with the right adrenal mass is displaced medially and ventrally and distorted with mild irregular demarcation to the right adrenal mass. The retroperitoneal fat level with the right adrenal mass presents mild soft tissue striation.

AGE

10 Years

Cranial to the right adrenal gland, possibly originating from the caudate process of the caudate liver lobe, a heterogeneous contrast enhancing mass, presenting multiple hypoattenuating areas, is visible. The mass associated with the caudate process of the liver is measuring approximately 4.3 x 7.9 x 3.4 cm in size. The papillary process of the caudate liver lobe presents rounded margins and a heterogeneous contrast enhancing pattern.

INTERPRETED BY

Sebastian Schaub,
DVM Dr. med. vet.
DipECVDI

The spleen presents with normal shape, even surface, uniformly attenuating parenchyma; post contrast administration the spleen presents a mild heterogeneous contrast enhancement pattern with multiple mild hyperattenuating roundish parenchymal lesions.

HOSPITAL NAME

South Oregon VSC

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

REFERRING VET

Dr. Fugazzi

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

All intervertebral discs of the lumbar spine are mildly protruding into the vertebral canal. The vertebral endplates present mild spondylosis formation.

INVOICE

13056

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Right adrenal mass with amorphous dystrophic mineralization and mass effect on the caudal vena cava with potential infiltration of the wall

DATE

9/10/21



PATIENT

Chloe Chloe

- Mass in contact with caudate liver lobe and heterogeneous contrast enhancement pattern
- Mild retroperitoneal effusion
- Mild heterogeneous contrast enhancement pattern of the spleen
- Generalized mild intervertebral disc protrusions along the lumbar spine without compressive myelopathy

SPECIES

Canine

- Spondylosis deformans L7/S1

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

BREED

Pitbull Mix

The findings are consistent with right adrenal neoplasia and adenocarcinoma or pheochromocytoma are the top differentials. The caudal vena cava at the same level is distorted and the irregularity of the wall is increasing the odds for invasion. There is a second mass at the cranial aspect of the right adrenal gland presenting either a hematoma of the right adrenal mass/tumor extension or second mass originating from the caudate liver lobe – due to the close proximity of the structure reliable differentiation is not possible. Surgical excision may be tried, but level with the hepatic hilus the mass is extending ventrally to the caudal vena cava to the right site further complicating surgical resection.

SEX

Spayed Female

The heterogeneous contrast enhancement pattern of the spleen is likely due to nodular hyperplasia. No abnormalities are appreciated explaining the urinary incontinence.

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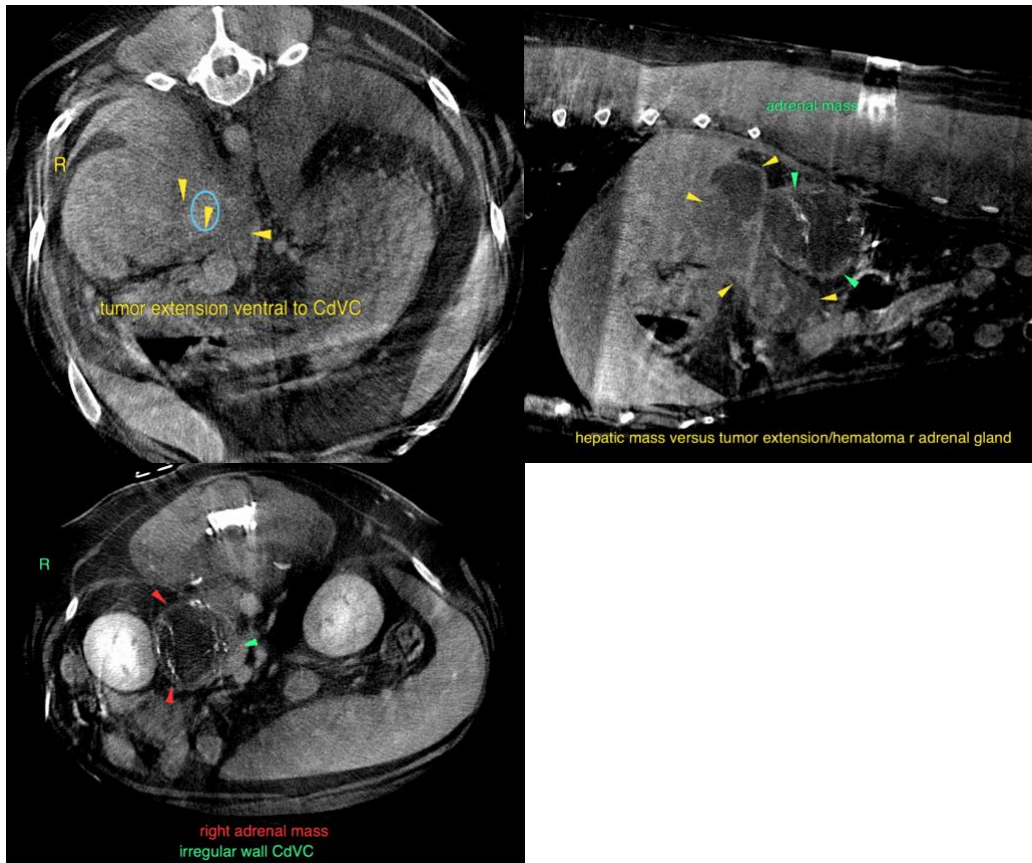
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PATIENT

Chloe Chloe

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.

SPECIES

Canine

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
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BREED

Pitbull Mix

SEX

Spayed Female

AGE

10 Years

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