



PATIENT PRESENTING CLINICAL SIGNS

Cleo Casallas Presented for Cushing disease exam on Friday 1/20/23 because of PU/PD and Ultrasound was performed - adrenal mass seen.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN & HEAD

Canine Plain and post contrast studies of the head and abdomen available for review.

COMPUTED TOMOGRAPHIC FINDINGS

BREED

Abdomen

German Shepherd
Mix

Moderate bilateral adrenomegaly is seen. The left adrenal gland measures 4 x 2 cm. The isthmus of the adrenal gland is lost. The right adrenal gland measures approximately 3.5 x 2 cm. Both adrenal glands present moderate heterogeneous contrast enhancement with contrast sparing areas. No evidence of mineralization or vascular invasion is seen.

SEX

Spayed Female

The liver presents within normal limits regarding its size, shape, and attenuation.

AGE

10 Years

The moderately distended gallbladder presents multiple layered mineral material as well as mild to moderate gallbladder wall thickening.

The left portal lymph node presents mild symmetric enlargement.

The pancreas and gastrointestinal tract present within normal limits.

INTERPRETED BY

Nele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

Moderate generalized enlargement of the spleen with occasional small faintly hyperenhancing nodules is seen.

The kidneys and urinary bladder present within normal limits.

The abdominal lymph nodes present within normal limits.

HOSPITAL NAME

Mobile Pet Imaging

Moderate degenerative lumbosacral stenosis is noted.

Head

REFERRING VET

Meaux

The pituitary gland presents mild symmetric enlargement with uniform contrast enhancement. Pituitary height is 7.5mm. The mass effect onto the surrounding neuroparenchymal anatomy is very subtle at this point.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

56371

DATE

1-25-23

- Pituitary gland enlargement
- Bilaterally symmetric moderate adrenomegaly.
- Normal CT presentation of the liver.
- Gallbladder microlithiasis with suspicion of chronic cholecystitis.
- Splenomegaly with occasional splenic nodules.
- Mild left portal lymphadenomegaly



PATIENT • Degenerative lumbosacral stenosis.

Cleo Casallas

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

SPECIES

Canine

The CT findings are suggesting presence of pituitary adenoma with pituitary dependent hyperadrenocorticism which would correlate with the bilaterally symmetric adrenomegaly. Bilateral adrenal neoplasia such as functional or nonfunctional adenoma with pituitary adenoma is a possible but less common differential diagnosis.

Typical signs of endocrine hepatopathy are not seen. However, diffuse parenchymal disease may well be present regardless and occult on CT.

BREED

German Shepherd
Mix

The portal lymphadenomegaly is likely to represent reactive hyperplasia. Infiltrative disease is thought highly unlikely based on the CT findings.

SEX

Spayed Female

The splenomegaly may represent idiopathic hypersplenism with benign nodular hyperplasia and/or extramedullary hematopoiesis. Infiltrative disease is thought unlikely.

AGE

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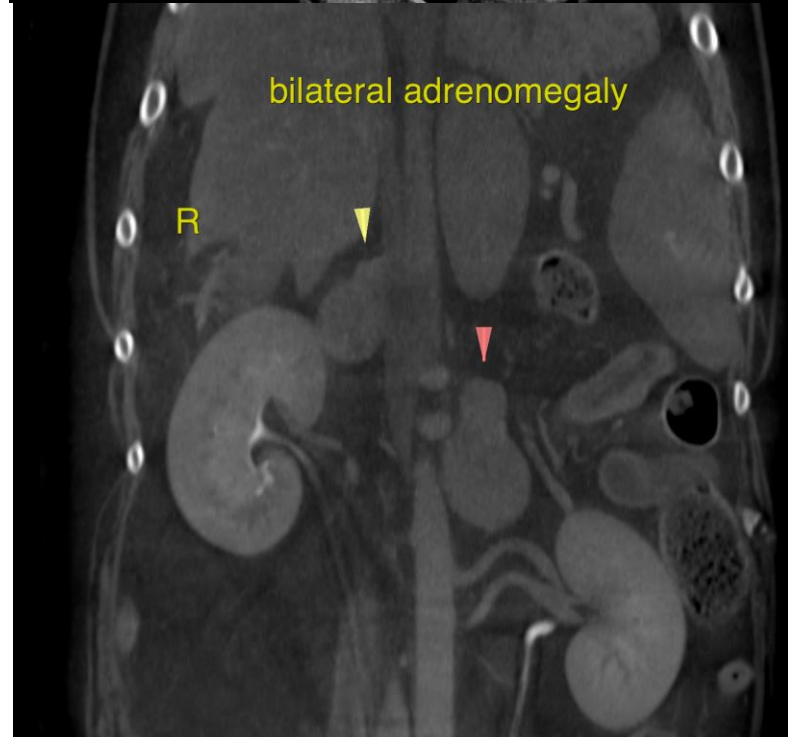
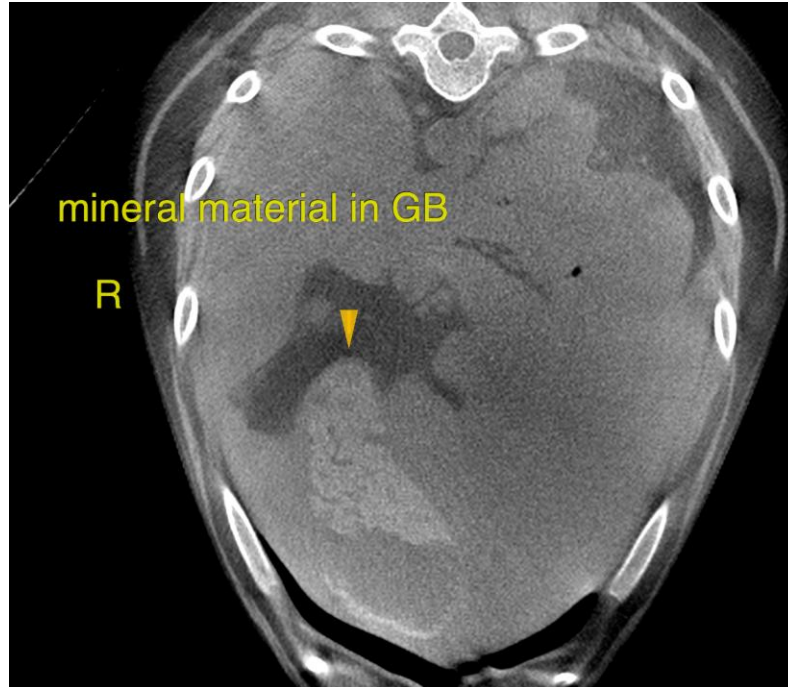
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PATIENT The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Cleo Casallas

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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