



PATIENT

Kenzie Griffin

PRESENTING CLINICAL SIGNS

Presented to surgeon. CT for surgical evaluation of Large right sided adrenal mass with Cushings disease.
Abnormal PE/Chem/CBC/UA Results: Ultrasound report attached for reference.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN

Plain and post contrast studies available for review.

BREED

Cockapoo

COMPUTED TOMOGRAPHIC FINDINGS

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

SEX

Female Spayed

Both kidneys are irregular in shape with multifocal surface retraction and small cysts within the renal cortices.

AGE

13 Years

A large irregular shaped right adrenal gland mass is seen measuring approximately 4.0 cm in length, 3.3 cm in height, and 1.9 cm in width. Multifocal mineralization and moderate heterogeneous enhancement are noted. The right phrenicoabdominal vein is obliterated. No direct caudal vena cava invasion is seen; however, there is turbulence within the caudal vena cava on the post-contrast studies which is likely due to the mass effect causing local caudal vena cava compression. The caudal pole of the left adrenal gland is thin and elongated at 2mm diameter. A hypoattenuating and hypoenhancing nodule of 4mm is expanding the cranial pole of the left adrenal gland.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Patchy enhancement is noted throughout the splenic parenchyma.

HOSPITAL NAME

Mobile Pet Imaging

The liver is moderate enlarged with mildly rounded lobar margins and diffuse heterogeneous contrast enhancement.

The pancreas is nodular in appearance. No evidence of regional mesenteropathy is seen.

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

REFERRING VET

Meaux

The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

INVOICE

47595

- Mineralizing right adrenal gland mass meeting neoplastic criteria.
- No evidence of caudal vena cava invasion.
- Left adrenal gland nodule.
- Nodular hyperplasia of the pancreas.
- Diffuse hepatopathy compatible with steroid induced hepatitis.
- Patchy enhancement of the spleen.
- Bilateral chronic nephropathy pattern.

DATE

9-29-21



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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with right adrenal gland neoplasia. Adenocarcinoma is thought most likely based on the clinical history and presence of mineralizations. However, mineralizing adenoma cannot be ruled out at this point. There appears to be no caudal vena cava invasion; however, potential for invasion of the right phrenicoabdominal vein is seen.

SPECIES

Canine

The changes of the liver are compatible with steroid induced hepatitis. Other diffuse hepatopathy cannot be ruled out but is thought less likely.

BREED

Cockapoo

Consider extramedullary hematopoiesis and benign nodular hyperplasia for the splenic findings. Diffuse neoplastic infiltrate is thought unlikely.

SEX

Female Spayed

Differential diagnosis for the cranial pole nodule within the left adrenal gland includes myelolipoma and less likely non-functional/functional adenoma/adenocarcinoma, other incidentaloma, metastatic disease, early pheochromocytoma, which all are thought by far less likely than myelolipoma based on the findings.

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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.

HOSPITAL NAME

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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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