



PATIENT PRESENTING CLINICAL SIGNS

Rob Gomez Right abdominal mass of unknown origin. Ultrasound report attached.
Abnormal PE/Chem/CBC/UA Results: Large area of bruised skin on the Right abdomen.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE ABDOMEN & THORAX

Canine Plain and post contrast studies of the abdomen and post contrast study only of the thorax available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Pointer Mix **Abdomen**

SEX An irregular shaped expansile mass of the right adrenal gland is seen. The mass measures approximately 3.5 x 2 cm. There is a severe mass effect onto the caudal vena cava. The right phrenicoabdominal vein appears to be obliterated.

AGE Neutered Male The mass connects to a hypoattenuating contrast negative and ill-defined mass effect that occupies and expands the entire right retroperitoneum and measures approximately 12 x 8 cm. Peripheral fat stranding is noted and extensive in both the right and left retroperitoneum and blends into the peritoneal cavity as well.

9 Years The left adrenal gland presents within normal limits except for the peripheral fat stranding.

INTERPRETED BY Occasional faintly hyperenhancing nodules are noted within the spleen.

Nele Eley (Ondreka), DVM Dr. med. vet., DipECVDI The liver and gallbladder present within normal limits.

The pancreas presents within age related normal limits.

Occasional cortical infarcts are seen within the cortices of both kidneys.

HOSPITAL NAME Thorax

Mobile Pet Imaging The bony structures are within normal limits.

REFERRING VET A metal attenuating structure is seen in the left axillary region which causes high intensity beam hardening streak artifacts.

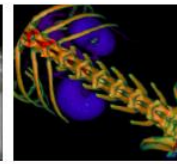
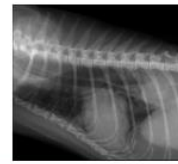
Meaux The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern are uniform and considered within normal limits.

INVOICE The cardiovascular structures including the pulmonary vasculature are within normal limits.

52003 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.

DATE The lung parenchyma presents the expected architecture and attenuation behavior.

5-9-22

**PATIENT**

Rob Gomez

Small incidental gas pockets are seen within the esophageal lumen, there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS**SPECIES**

Canine

- Expansile heterogeneously enhancing right adrenal gland mass with presumed vascular invasion.
- Suspect large retroperitoneal hematoma.
- Splenic nodules.
- Cortical renal infarcts.
- Suspect bullet fragment in the left axillary region.

BREED

Pointer Mix

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS**SEX**

Neutered Male

The CT study reveals a heterogeneously enhancing expansile mass with early vascular invasion emerging from the right adrenal gland. Pheochromocytoma is thought by far most likely based on the imaging findings.

AGE

9 Years

The large hypoattenuating mass with peripheral fat stranding expanding and filling the entire right retroperitoneal space is very likely to represent an organizing hematoma after regional hemorrhage. However, this may also represent poorly vascularized tumor tissue. The possibility of functional or nonfunctional adenocarcinoma or other secondary neoplasia of the adrenal gland including metastatic disease cannot be ruled out entirely but is thought by far less likely. Correlate with the available laboratory values.

INTERPRETED BYNele Eley (Ondreka),
DVM Dr. med. vet.,
DipECVDI

The CT findings suggest vascular invasion of the right phrenicoabdominal vein if not also of the caudal vena cava, which should be taken into account for potential surgical planning.

At this time, there was no evidence of pulmonary metastatic disease.

The splenic nodules are likely to represent benign nodular hyperplasia; however, metastatic disease cannot be ruled out entirely.

HOSPITAL NAME

Mobile Pet Imaging

REFERRING VET

Meaux

INVOICE

52003

DATE

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SPECIES

Canine

BREED

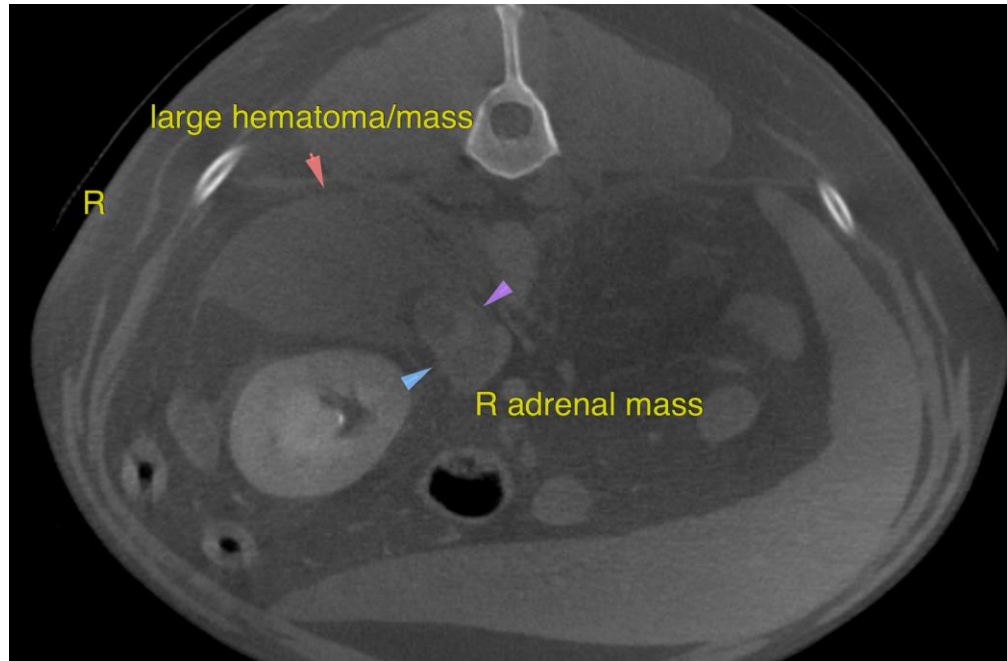
Pointer Mix

SEX

Neutered Male

AGE

9 Years



INTERPRETED BY

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

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.

HOSPITAL NAME

Mobile Pet Imaging

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REFERRING VET

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