



PATIENT PRESENTING CLINICAL SIGNS

Maks Rebello
SPECIES Canine
BREED Mix Breed Medium
SEX MN
AGE 7 Years

Maks, a 7 year old Male Neutered , was presented to the Toronto Animal Health Partners Surgery Service for adrenal mass. Maks had sudden vomiting, diarrhea, and inappetence in December 2022. Maks was diagnosed with pancreatitis and stayed in-hospital for 1 week. Ultrasound was performed on January 11. Maks has labored breathing 3-4 times daily (episodes last 5 minutes). Maks also restless. Normal eating/drinking/urination. Soft bowel movements. No VDSC. Maks has had a previous history of: Pancreatitis Maks current medications: Gabapentin Liver supplements Maks has had good response to the medications provided. Maks is currently eating Hills I/D low fat, with no history of allergies. Maks is UTD on vaccines.
 Abnormal PE/Chem/CBC/UA Results: P/E: WNL Tests Pending: ACTH stim test, Metanephrine urine test

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies in soft tissue, bone, and lung windows available for review.

COMPUTED TOMOGRAPHIC FINDINGS

Abdomen

An irregular shaped and ill-defined expansile mass is emerging from the left adrenal gland. The mass measures approximately 4 x 5 x 2 cm. Lesion margins are ill-defined and blend into the left hypaxial lumbar musculature. A tumor feeding vessel is received from the hypaxial musculature. The mass invades the caudal vena cava level with the entrance of the left phrenicoabdominal vein and left renal vein. The contrast enhancement pattern within the mass is moderate and nonuniform. The right adrenal gland presents within normal limits.

No evidence of regional lymphadenomegaly is seen.

Mild generalized enlargement of the pancreas with slightly undulating organ margins is noted. No significant regional mesenteropathy is seen.

The gastrointestinal tract, kidneys, liver, and spleen present within normal limits.

The gallbladder presents within normal limits.

The urinary bladder is severely distended. No structural lesions of the urinary bladder wall and no evidence of abnormal content is noted.

Thorax

The bony and surrounding soft tissue structures are within normal limits.

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.

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

The bronchial tree presents with regular branching and tapers uniformly towards the periphery

INTERPRETED BY

Nele Eley, DVM
 Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health Partners

REFERRING VET

Dr. Jeffery Biskup

INVOICE

56403

DATE

1-26-23



PATIENT

Maks Rebello

as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The lung parenchyma presents the expected architecture and attenuation behavior.

SPECIES

Canine

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

BREED

Mix Breed Medium

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Left adrenal gland mass meeting neoplastic criteria with invasion of the caudal vena cava.
- Pancreatopathy
- No evidence of metastatic disease.

SEX

MN

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals an ill-defined expansile left adrenal gland mass with aggressive biological behavior which invades the caudal vena cava locally. Delineation of the tumor margins is indistinct. The mass received a tumor feeding vessel from the overlying hypaxial musculature and presents vascular invasion including the phrenicoabdominal, left renal vein, and caudal vena cava. Differential diagnosis includes pheochromocytoma, and less likely nonfunctional adenocarcinoma of the left adrenal gland. Functional adenocarcinoma is considered unlikely because of the absence of concurrent hepatopathy.

AGE

7 Years

INTERPRETED BY

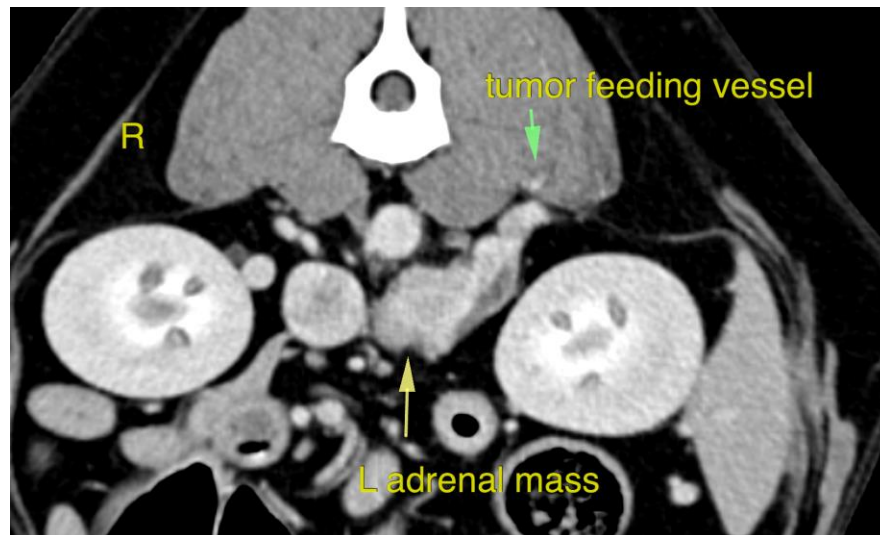
Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Animal Health
Partners

REFERRING VET

Dr. Jeffery Biskup



INVOICE

56403

DATE

1-26-23



PATIENT

Maks Rebello

SPECIES

Canine

BREED

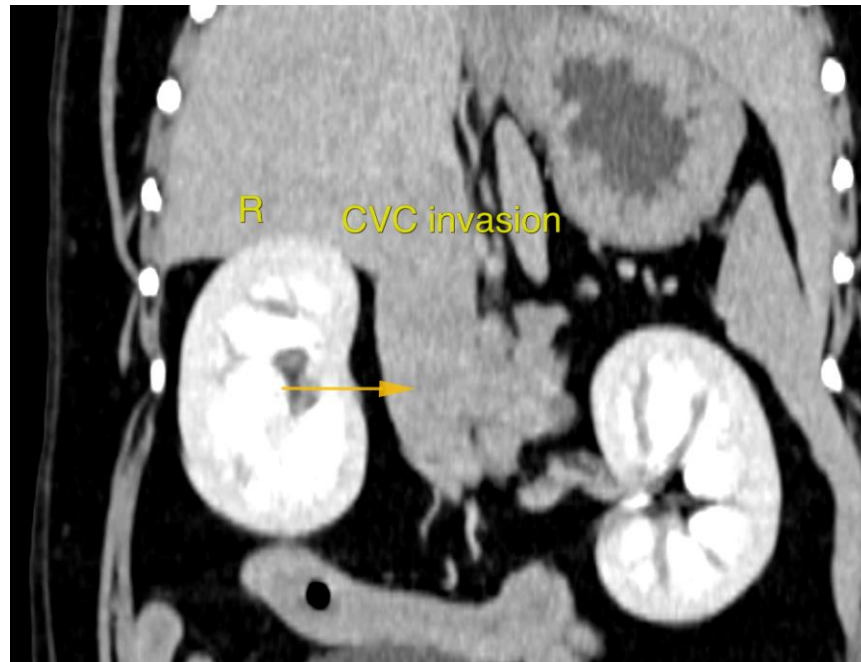
Mix Breed Medium

SEX

MN

AGE

7 Years



INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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.

HOSPITAL NAME

Animal Health
Partners

Nele Eley, DVM, Dr. med. vet., DipECVDI
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology
Nele.Eley@sonopath.com

REFERRING VET

Dr. Jeffery Biskup

INVOICE

56403

DATE

1-26-23