



PATIENT

Bella Monge

PRESENTING CLINICAL SIGNS

On Oct 14 was presented for coughing. Normal CBC. On chest X-Ray looks a congestion of L caudal lung lobe. On medications cough stop. But on Oct 21 X-rays there is no change or improvement of L caudal lung lobe.

SPECIES

Canine

Abnormal PE/Chem/CBC/UA Results: CBC --- unremarkable CHEM --- BUN mild increased, all liver enzymes elevated

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

BREED

Jack Russell Terrier

Plain and post contrast studies available for review.

COMPUTED TOMOGRAPHIC FINDINGS

SEX

SF

Thorax

The entire left caudal lung lobe is deviated by a soft tissue attenuating mass with multifocal mineralization and severe nonuniform contrast enhancement. The mass extends beyond the limits of the left caudal lobe into the caudal subsegment of the left cranial lung lobe. Total length of the mass is 10.0 cm, approximately 6.0 cm height, and approximately 6.0 cm in width. There is a severe mass effect emerging from the enlarged left caudal lobe causing bronchial compression and deviation and compression of the left cranial lung lobe. Mild rightward mediastinal shift is noted.

AGE

15 Years

No significant tracheobronchial or cranial mediastinal lymphadenomegaly is seen.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Occasional soft tissue attenuating interstitial pulmonary nodules are seen throughout the parenchyma of the left cranial lung lobe and right lung.

No evidence of cardiovascular pathology is seen.

HOSPITAL NAME

Veterinary Image
Center

Abdomen

The liver presents moderate generalized enlargement with mild diffusely heterogenous contrast enhancement. Mild extra-hepatic common bile duct dilation is seen without evidence of obstructive pathology.

REFERRING VET

Dr. Delgado, DVM

A 6mm sized fat attenuating nodule is present within the cranial pole of the right adrenal gland. The left adrenal gland presents within normal limits.

Both kidneys present within age related normal limits.

INVOICE

47918

Moderate generalized enlargement of the spleen with diffuse heterogeneous enhancement and multiple nodules of varying attenuation and enhancement are seen.

Both coxofemoral joints present mild osteoarthritic changes.

DATE

10-22-21



PATIENT

Bella Monge

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

SF

AGE

15 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

Dr. Delgado, DVM

INVOICE

47918

DATE

10-22-21

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Lobar mass with multifocal mineralization and bronchial compression of the left caudal and left cranial lung lobes.
- Multiple interstitial pulmonary nodules.
- Splenopathy with splenomegaly and multiple nodules.
- Moderate generalized hepatomegaly.
- Right adrenal gland nodule compatible with myelolipoma.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings are compatible with a pulmonary neoplasia with pulmonary metastatic disease. Pulmonary carcinoma is thought by far most likely; however, other secondary neoplasia of the lung cannot be ruled out entirely.

The splenic nodules may represent metastatic disease; however, benign nodular hyperplasia and extramedullary hematopoiesis cannot be ruled out entirely.

The changes of the liver support the potential of diffuse hepatopathy such as metabolic or endocrine hepatopathy. A diffuse neoplastic or inflammatory infiltrate cannot be ruled out entirely but is thought less likely based on the CT findings.

The nodule within the cranial pole of the right adrenal gland is likely to represent incidental myelolipoma. However, early adenoma, carcinoma, pheochromocytoma, or incidentaloma cannot be ruled out entirely as a differential diagnosis.



PATIENT

Bella Monge

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

SF

AGE

15 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

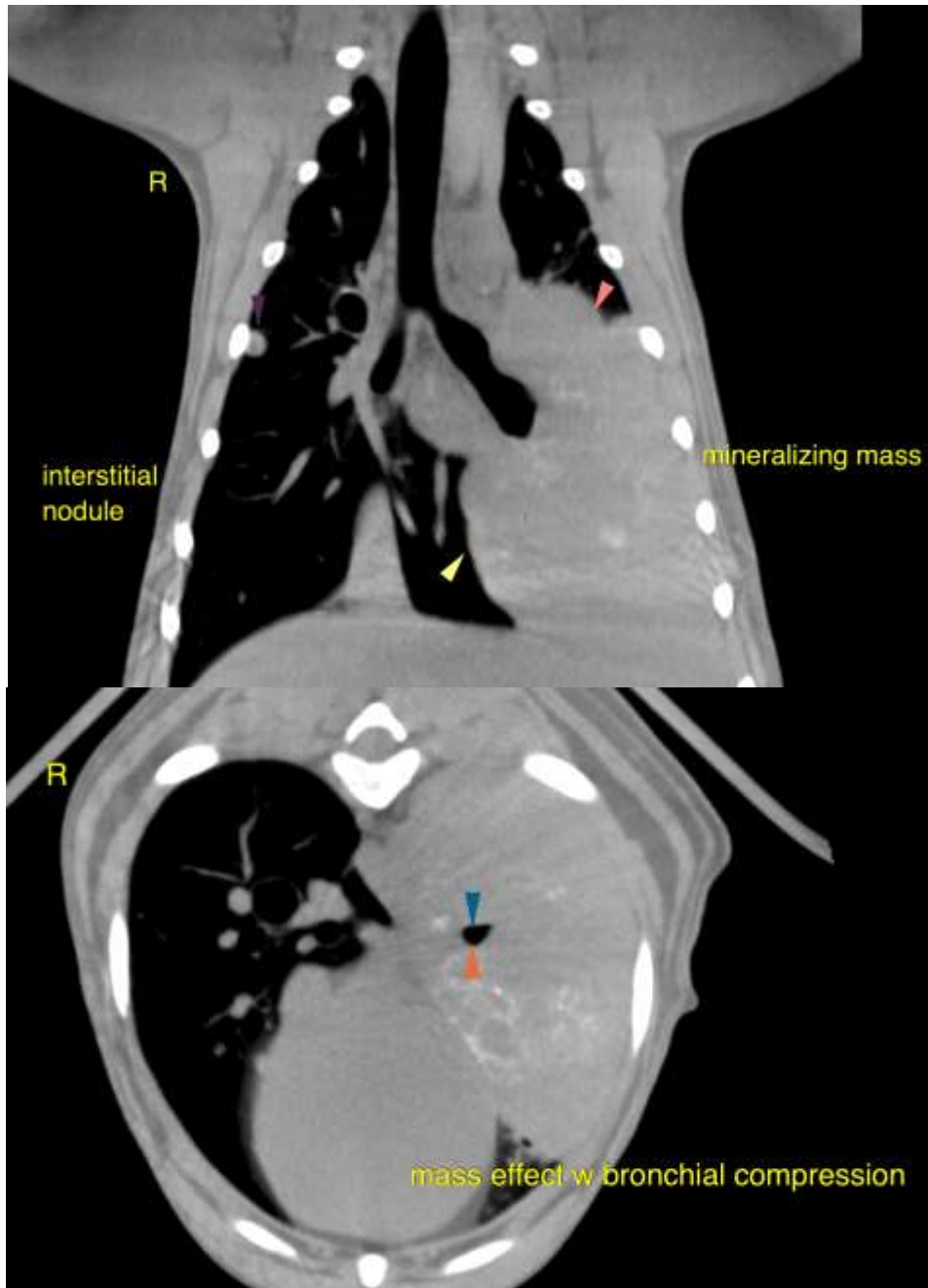
Dr. Delgado, DVM

INVOICE

47918

DATE

10-22-21





PATIENT

Bella Monge

SPECIES

Canine

BREED

Jack Russell Terrier

SEX

SF

AGE

15 Years

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

HOSPITAL NAME

Veterinary Image
Center

REFERRING VET

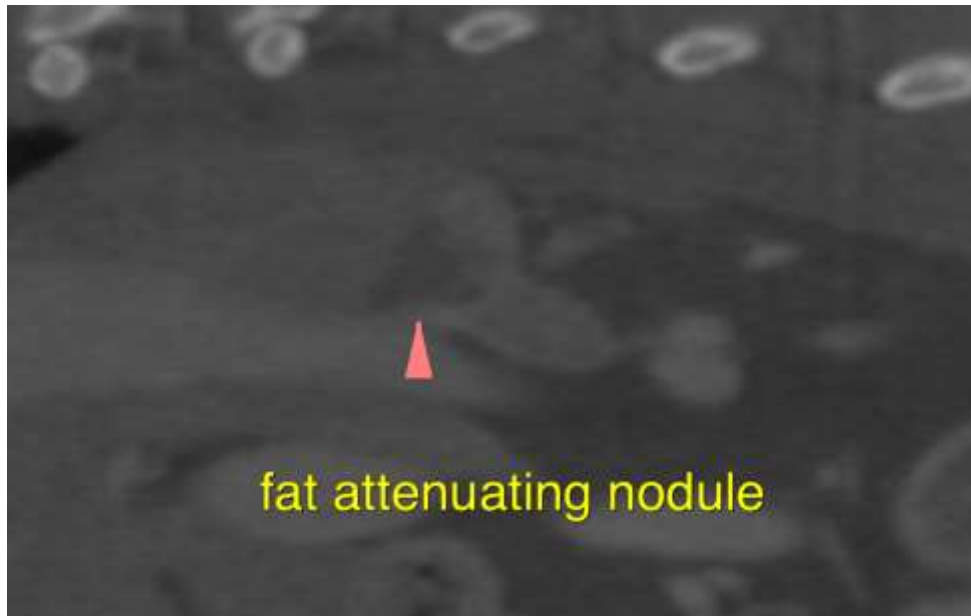
Dr. Delgado, DVM

INVOICE

47918

DATE

10-22-21



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.

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