



PATIENT

Layla Tully

PRESENTING CLINICAL SIGNS

Vomiting blood Sept 9/22. Incidental lung mass noted on radiographs. FNA & histopathology found pulmonary adenocarcinoma. CT for planning.

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post contrast studies available for review.

BREED

Border Collie

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

A soft tissue mass with bilobed appearance of 5.0 cm length and 3.0 cm diameter is seen in the caudodorsal aspect of the cranial subsegment of the left cranial lung lobe. The minimum distance between the mass and the bifurcation of the main lobar bronchus is 1.0 cm. No evidence of additional pulmonary nodules or masses is seen.

SEX

FS

The mediastinal lymph nodes present within normal limits.

AGE

11 Years

Mild spondylosis deformans are noted within the thoracic spine.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

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

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

HOSPITAL NAME

Bridgwater
Veterinary Hospital
and Wellness Centre

A mild amount of mineral attenuating material is seen in the urinary bladder.

The adrenal glands are within normal limits for size, shape and organ architecture.

Small faintly hyperenhancing nodules are seen within the hepatic and splenic parenchyma. A mild amount of mineral attenuating material is seen within the gallbladder.

REFERRING VET

Dr. Rondeau/Dr.
Fleming

The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

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

INVOICE

54713

Mild spondylosis deformans is noted within the lumbar spine.

Mild bilateral coxofemoral joint osteoarthritis, with no significant subluxation of the coxofemoral joints, is seen.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

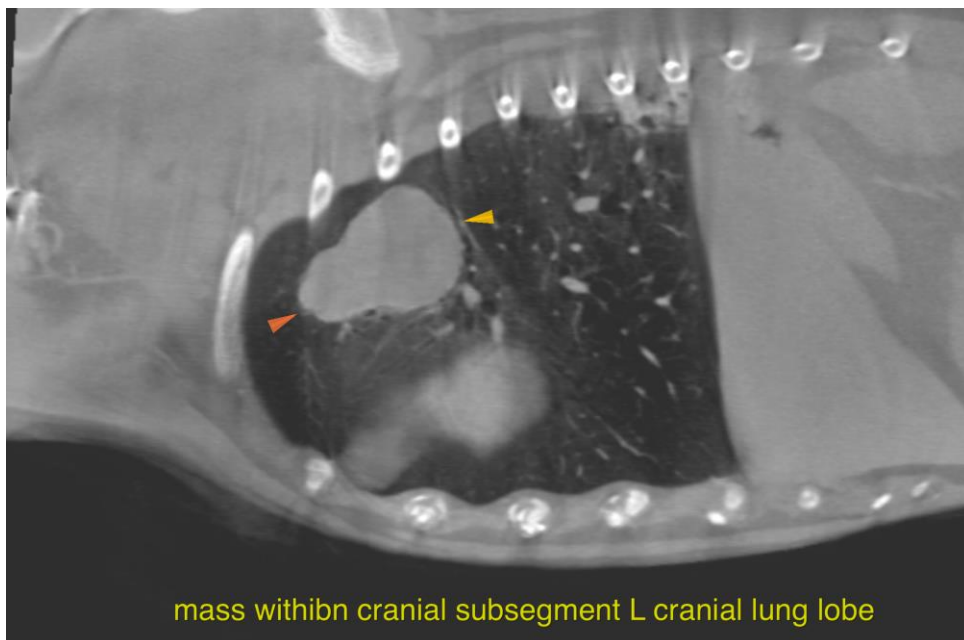
- Single pulmonary soft tissue mass within the cranial subsegment of the left cranial lung lobe.
- Small hepatic and splenic nodules.
- Urinary bladder microlithiasis
- Gallbladder microlithiasis
- Spondylosis deformans
- Mild bilateral coxofemoral joint osteoarthritis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a single soft tissue mass within the cranial subsegment of the left cranial lung lobe which is located relatively close to the emergence of the main lobar bronchus. The mass however is in a resectable position. Differential diagnosis for the pulmonary mass includes primary neoplasia of the lung such as bronchial carcinoma as well as secondary neoplasia of the lung including sarcoma and round cell neoplasia. Metastatic and granulomatous disease cannot be ruled out entirely but are thought less likely.

Evidence of pulmonary or mediastinal metastatic disease is not found.

The hepatic and splenic nodules are more likely to represent benign nodular hyperplasia, regenerative nodules, extramedullary hematopoiesis rather than metastatic disease even though this can never be ruled out entirely.



mass within cranial subsegment L cranial lung lobe



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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.

SPECIES

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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.

BREED

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