


PATIENT PRESENTING CLINICAL SIGNS

Mia Watson Mia, a 8 year old Female Spayed Boxer, was presented to the Toronto Animal Health Partners Surgery Service for evaluation of a thoracic mass. A cough was noted within the last month and workup was pursued for the cough which revealed a thoracic mass. No accidents, no medications 3/7/21:

SPECIES CBC/Chem WNL

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Plain and post-contrast studies in lung and soft tissue windows of the thorax, bones, soft tissue windows of the abdomen provided for review.

BREED

Boxer

COMPUTED TOMOGRAPHIC FINDINGS
Thorax

An ill-defined, irregularly shaped, approximately 5.0 cm sized soft tissue attenuating mass with internal gas attenuating cavitation is seen in the dorsal aspect of the right caudal lung lobe. The mass causes compression of the main lobar bronchus. Heterogeneous contrast enhancement is noted. There is no evidence of internal foreign material or abscessation. The remainder of the lung present multiple pulmonary osteomas and mild atelectatic changes. No evidence of additional pulmonary nodules or masses.

SEX

Spayed Female

AGE

8 Years 7 Days

The mediastinal lymph nodes present within normal limits. There is no evidence of a mass effect at the cardiac base.

Abdomen

INTERPRETED BY

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

Multiple hyperenhancing splenic nodules of varying sizes are seen throughout the parenchyma of the spleen.

A cortical renal infarct is seen in the cranial and lateral aspect of the right kidney. The left kidney presents within normal limits.

HOSPITAL NAME

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 Partners

Adrenal glands, pancreas, liver and gallbladder present within expected limits.

A 4.0 cm long, mineral attenuating fracture is extending from the pyloric antrum through the gastric outlet into the proximal and descending duodenum. There is no evidence of obstruction or plication.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Lea Mehrkens

- Single large soft tissue mass within the right caudal lung lobe meeting neoplastic criteria
- Splenic nodules
- Suspect gastric/gastroduodenal foreign material without signs of obstructive ileus
- Chronic cortical renal infarct – unlikely to be of clinical significance

INVOICE

36700

DATE

4/1/22

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The CT study reveals a single large, cavitated soft tissue mass within the right caudal lung lobe. Primary neoplasia of the lung is the most likely differential diagnosis. Abscess, granuloma, cyst and hematoma cannot be ruled out entirely, but are thought by far less likely. There is no evidence of additional nodules or masses. Consider lung lobectomy with histology for further definition. The splenic nodules are likely to represent benign nodular hyperplasia or extramedullary hematopoiesis.



PATIENT

Mia Watson

Metastatic disease cannot be ruled out entirely but is thought less likely. The mineral attenuating foreign material within the gastric outlet is linear in appearance. However, based on the length of the mineral attenuating component, plication and obstruction are considered unlikely.

SPECIES

Canine

BREED

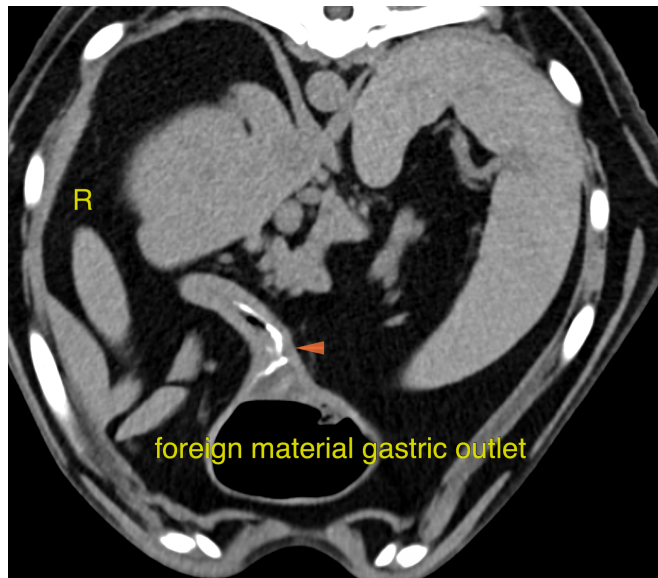
Boxer

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Spayed Female

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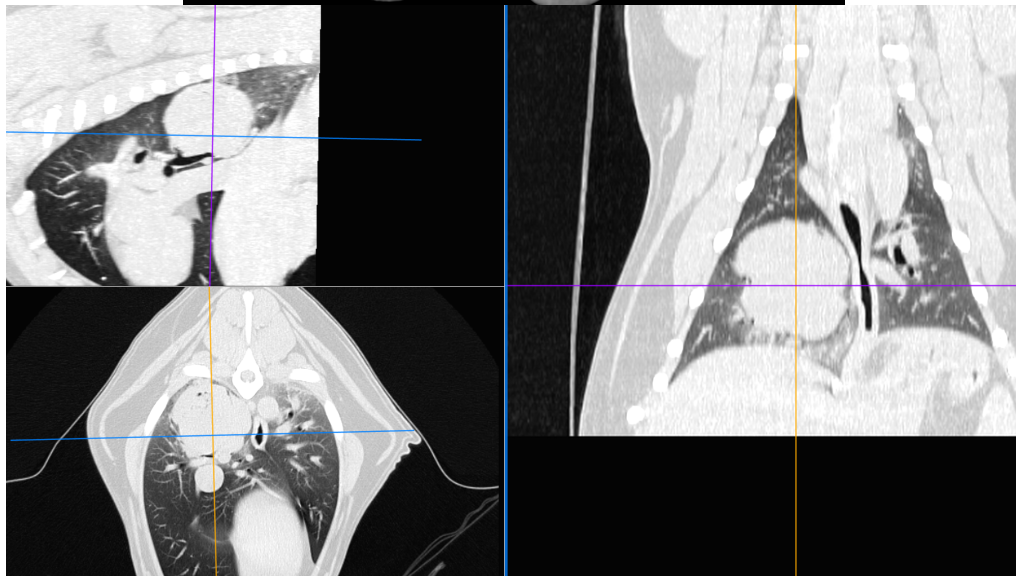
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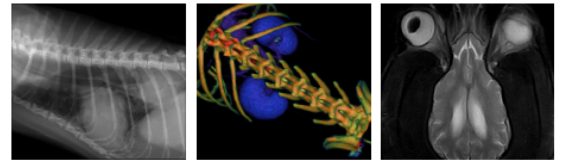


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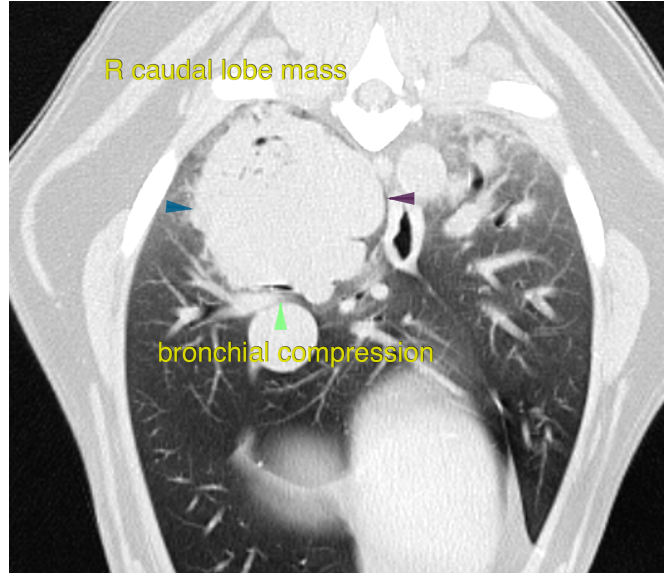
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

INTERPRETED BY

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