



PATIENT

Blu Cunningham

SPECIES

Feline

BREED

Russian Blue Mix

SEX

Neutered Male

AGE

11 Years

WEIGHT

4.86 kg

INTERPRETED BY

Sebastian Jawinski,
German Board
Certified Vet Specialist
in Diagnostic Imaging

IMAGING

PERFORMED BY

Jessica R.

HOSPITAL NAME

CARE Surgery Center

REFERRING VET

Dr. Matthew Keats

INVOICE

36781

DATE

4/23/26

PRESENTING CLINICAL SIGNS

History: Blu presented for lethargy, sleeping more, coughing, wheezing, and eating less for one week on 4/22/26. There was also documented weight loss of 0.5 lbs over the past 3 weeks. Thoracic radiographs were performed and sent for a radiologist to review. The radiologist review came back confirming that the left hemidiaphragm is ruptured and historical trauma with rib fractures is suspected.

Upon further evaluation, a rib wall mass became a top differential versus a DH.

COMPUTED TOMOGRAPHIC STUDY OF THE CHEST & ABDOMEN

The CT presents a large cystic mass in the left hemithorax, having broad-based contact to the diaphragm and inner rib cage deviating and compressing the left lung lobes which partially confluent with these changes. The lesion is fluid-filled and presents multiple septi with thickened and irregular soft tissue dense structures that show an inhomogeneous contrast uptake. These changes can be traced into the pericardium which presents a significant pericardial effusion. The left cranial lung lobes are consolidated and present multiple calcifications.

There is mild pleural effusion noted with moderate thickening of the mediastinal lymph nodes. The margins to the esophagus and left caudal lung lobes are ill-defined. Next to the cystic lesions, the caudal ribs on the left side show multiple erosive changes and periosteal reactions with fluid filled areas entering the intercostal region.

The gallbladder incidentally presents mild wall thickening edema. The portal area shows mild fat striations. Mild cystic changes are noted within the pancreas. There is a mild amount of free peritoneal fluid noted.

The abdominal organs appear inconspicuous apart from that.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Suspected neoplastic process left hemithorax including the rib wall/ribs, diaphragm and pericardium/mediastinum
- Mild peritoneal effusion
- Incidental findings: thickened gallbladder wall, cystic changes pancreas

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The CT findings in the left hemithorax appear mass-like, although they represent predominantly cystic changes. The soft tissue dense strands and inhomogeneous contrast uptake could show residual pulmonary tissue/fibrous tissue due to chronic inflammation and/or post-traumatic changes with scar tissue formation, as well as neoplastic lesions. Post-traumatic fibrosarcoma is one differential of many others.

I would assume an invasive and aggressive behavior since multiple compartments of the thorax are included, presenting osseous changes of the ribs, mediastinal lymph adenomegaly, pleural and pericardial effusion. The borders to the diaphragm, esophagus and caudal lung lobes on the left side are not well demarcated.



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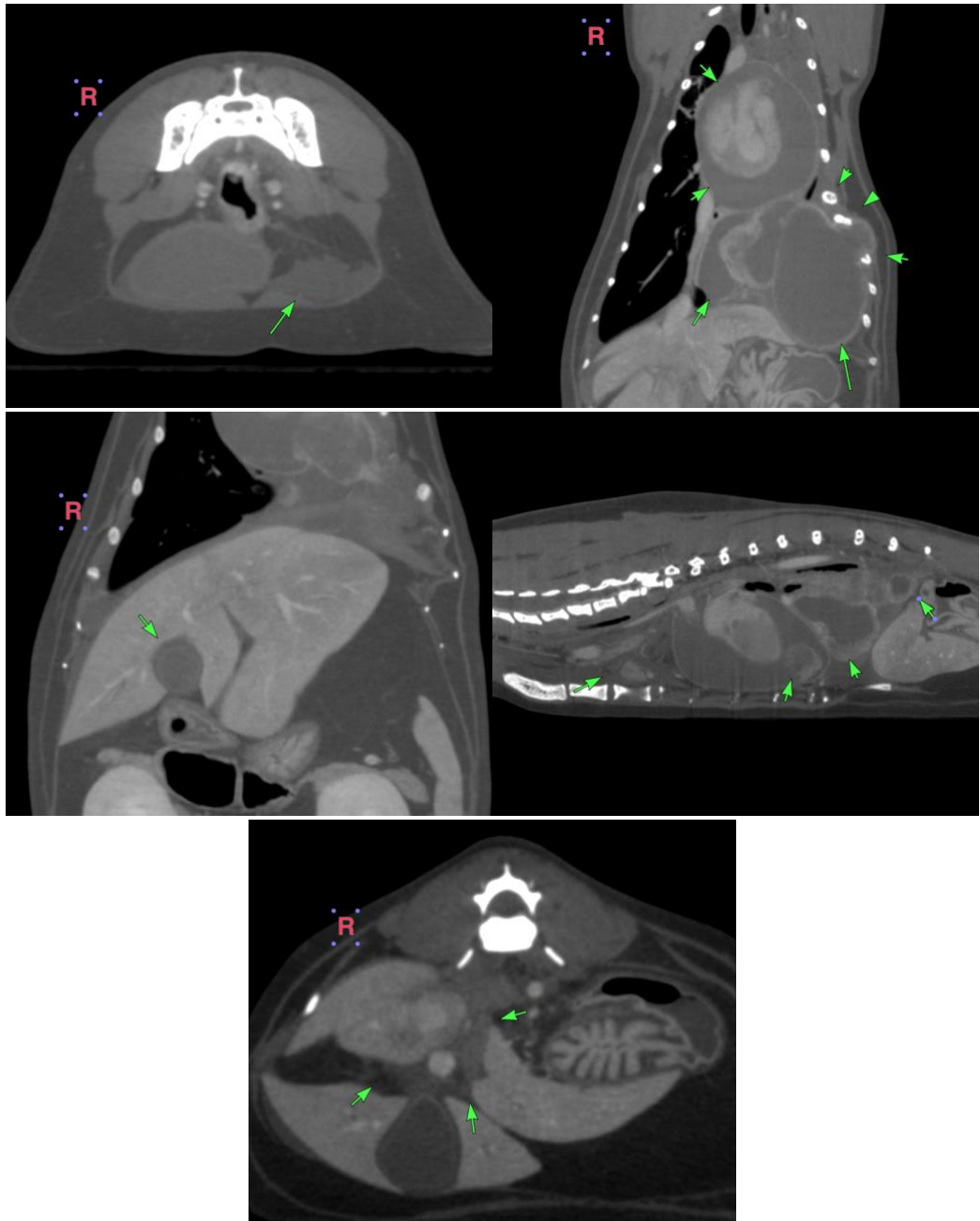
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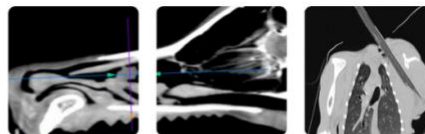
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.



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