



PATIENT

Roxy Grinberg

PRESENTING CLINICAL SIGNS

5 days ago acutely unable to walk normally in all limbs. Has been stable since.
Abnormal PE/Chem/CBC/UA Results: Neuro exam localized to C6-T2(or less likely cr thoracic). on referring rads, incidental pulmonary mass

SPECIES

Canine

COMPUTED TOMOGRAPHIC STUDY OF THE THORAX, ABDOMEN, & CERVICAL SPINE

Plain and post contrast studies of the thorax and abdomen in lung and pulmonary windows and post contrast study of the cervical spine from C1 through C7 in soft tissue and bone windows available for review.

BREED

Bernese Mountaineer Dog

COMPUTED TOMOGRAPHIC FINDINGS

The study is effected by multiple breathing related motion artifacts.

SEX

FS

Thorax

Three soft tissue attenuating nodules of up to 2.0 cm size are seen within the ventral aspects of the right middle and right caudal lung lobes.

AGE

9 Years

A regional ventral peripheral peribronchial alveolar infiltrate with mild volume loss is present within the right cranial lung lobe.

The mediastinal lymph nodes present within normal limits.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Abdomen

There are small subcutaneous nodules in the left cranial abdominal wall and in the dorsal cranial abdominal midline.

The patient appears to be an intact female. Uterus and ovaries are seen.

HOSPITAL NAME

Animal Health Partners

Up to 1.0 cm sized target lesions are seen within the right and left divisions of the liver.

The splenic size is considered within normal limits; however, occasional hypoenhancing nodules are seen.

REFERRING VET

Dr. Greg Kilburn

Cervical Spine

Moderate narrowing of the C6/7 intervertebral disc space with moderate intervertebral disc protrusion is seen.

INVOICE

50213

There appears to be mild protrusion of the C5/6 and C7/T1 intervertebral discs as well.

COMPUTED TOMOGRAPHIC DIAGNOSIS

DATE

2-9-22

- Multiple interstitial pulmonary nodules within the right middle and right caudal lung lobes.
- Alveolar infiltrate within the ventral aspect of the right cranial lung lobe - presumed to represent atelectasis.
- Target lesions of the liver.



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- Hypoattenuating splenic nodules.
- Small subcutaneous nodules.
- Moderate chronic intervertebral disc protrusion C6/7.
- Suspect mild intervertebral disc protrusions C5/6 and C7/T1.

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The most likely differential diagnosis for the pulmonary nodules is unfortunately histiocytic sarcoma owing to the breed predisposition. Other differential diagnoses would be secondary neoplasia of the lung such as round cell neoplasia, sarcoma, metastatic disease of another primary tumor, and granulomatous lung disease which all however are thought less likely. Final diagnosis could be established by ultrasound guided fine needle aspiration using a right parasternal intercostal approach as the nodules are in a superficial position within the lung.

The regional alveolar infiltrate in the ventral aspect of the right cranial lung lobe is likely to represent atelectasis. An additional nodule is thought unlikely based on the CT appearance.

Target lesions are noted within the liver which have increased odds of malignancy and are commonly seen in histiocytic sarcoma. Consider ultrasound guided fine needle aspiration for further verification.

The hypoenhancing nodules of the spleen may represent other manifestations of a histiocytic infiltrate. Benign nodular hyperplasia and extramedullary hematopoiesis are potential differential diagnoses. Consider fine needle aspiration for further definition.

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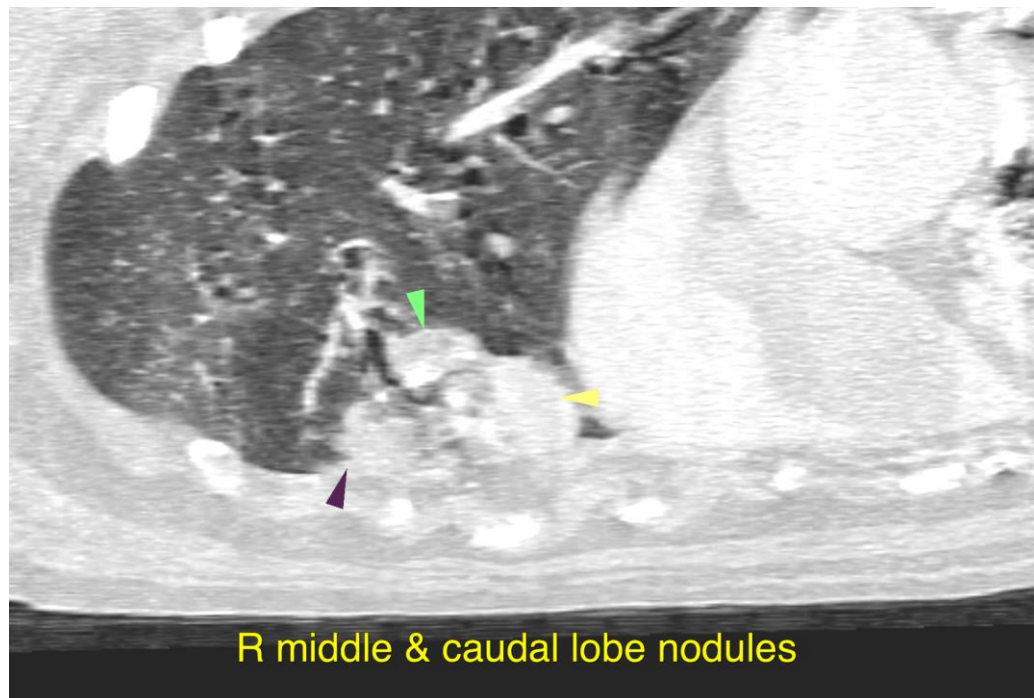
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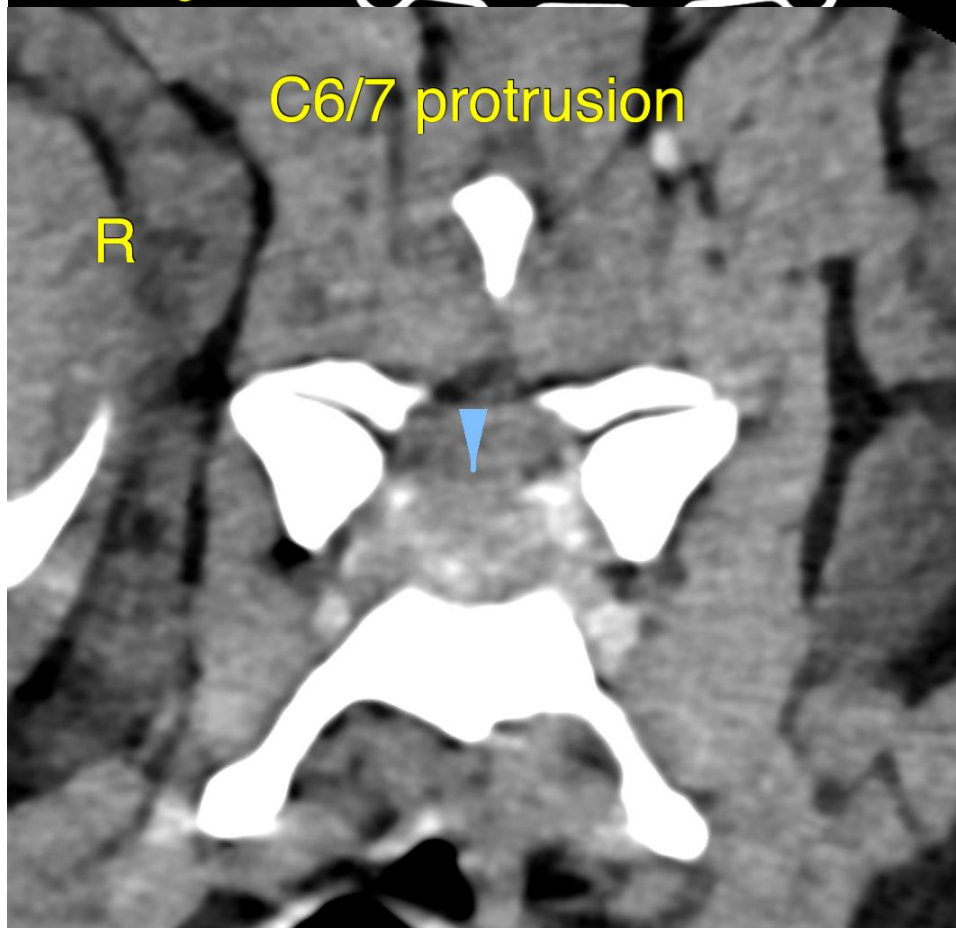
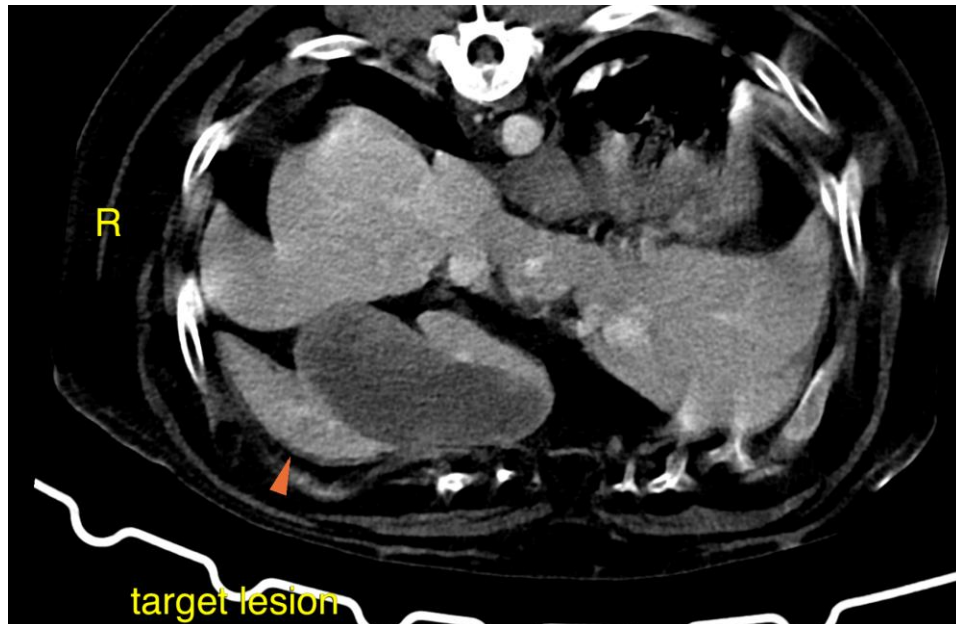
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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

Bernese Mountain
Dog

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