



PATIENT

Mack Dennison

SPECIES

Canine

BREED

Bernese Mountain Dog

SEX

Male

AGE

1Y, 5M

WEIGHT

81.2

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet.
DipECVDI

IMAGING PERFORMED BY

Kim/Brett

HOSPITAL NAME

Animal Clinic
Northview

REFERRING VET

Ariel Taylor, DVM

INVOICE

72461

DATE

11-3-25

PRESENTING CLINICAL SIGNS

1 year old bernese mountain dog who presented on 11/2/25 for coughing since 10/27. He was at a boarding facility the prior weekend. He was coughing up clear mucous, breathing hard, and lethargic. He has been progressively hyporexic. Bloodwork performed 11/2. CBC showed a neutrophilia (14.15 K/ul) and monocytosis (4.11 k/ul). ALP was 216. XRs concerning for lobular soft tissue mass in right caudal lung lobe- concerning for pulmonary neoplasia vs fungal granuloma. Atypical bronchopneumonia less likely. miravista fungal panel is pending.

COMPUTED TOMOGRAPHY OF THE THORAX

A high resolution pre- and post-contrast CT study of the thorax is provided for review.

COMPUTED TOMOGRAPHIC FINDINGS

The bony and surrounding soft tissue structures are within normal limits.

The right tracheobronchial lymph node is moderately prominent.

The cardiovascular structures including the pulmonary vasculature are within normal limits.

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

The right caudal lung lobe is consolidated with air-bronchograms and presents a generalized mild to moderate decreased volume. The right middle lung lobe presents a ventrally accentuated ground glass to soft tissue attenuation pattern. Throughout the remaining lung lobes, sporadic ground roundish zones with ground glass attenuation pattern are seen.

Small incidental gas pockets are seen within the esophageal lumen; there is no evidence of abnormal dilation.

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Consolidated right caudal lung lobe with generalized decreased volume
- Ventrally distributed unstructured interstitial to alveolar pattern right middle lung lobe
- Multiple small patchy zones with an unstructured interstitial pattern throughout the remaining lung
- Lymphadenopathy right tracheobronchial lymph node

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are suggestive for lobar pneumonia of the right caudal lung lobe along with small zones with pneumonia throughout the remaining lung - I do not see signs of a pulmonary mass, but in case of diffuse neoplastic transformation of the lung parenchyma. Pulmonary hemorrhage is a potential for the lung pattern as well. Workup can be complemented by FNA sampling of the right caudal lung lobe to rule out diffuse malignant infiltrative disease entirely.



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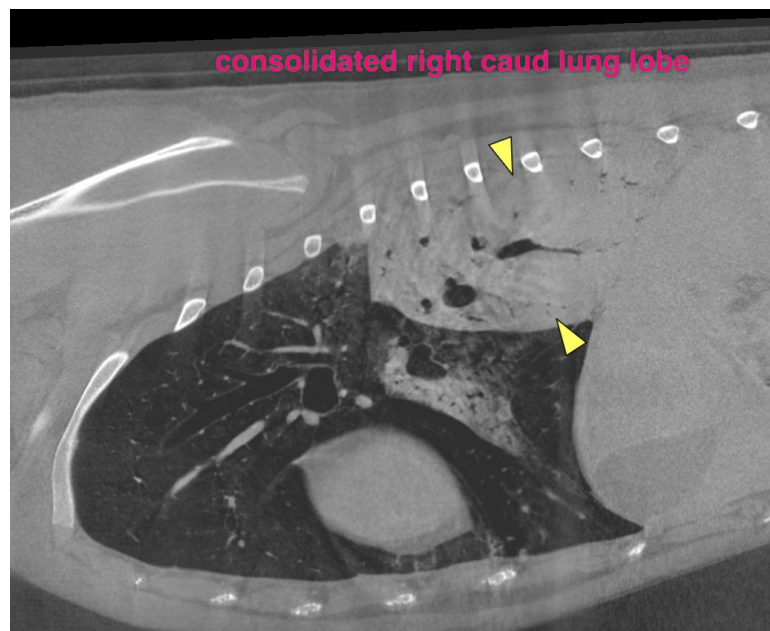
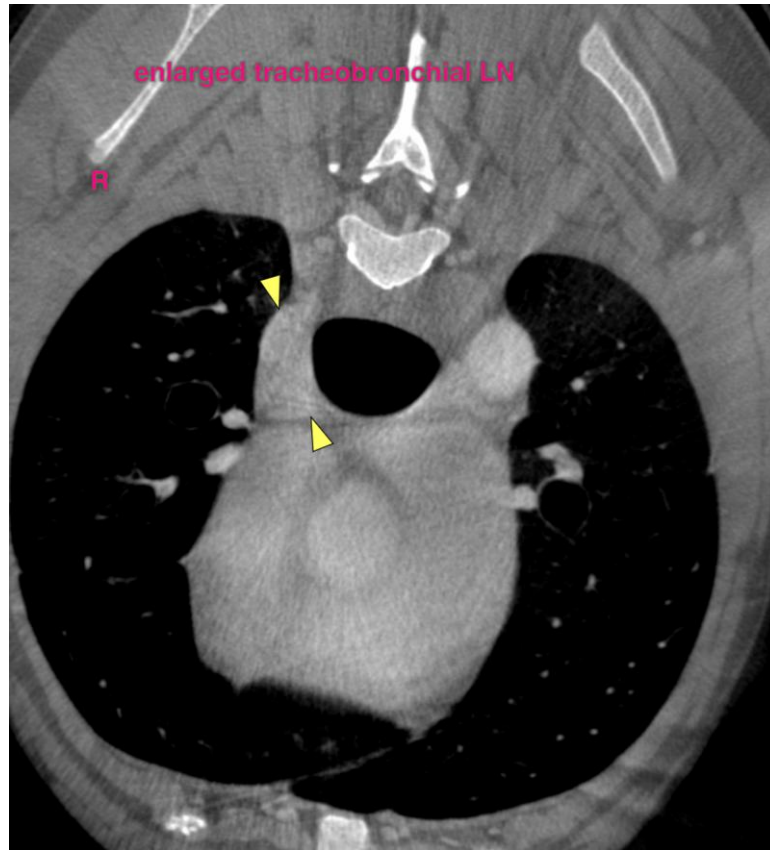
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
info@sonopath.com