



PATIENT PRESENTING CLINICAL SIGNS

Hallie Sieglar Large mass in the cranial chest, aspirated several times by oncologist. It was poorly exfoliating, but he was able to rule out lymphoma or thymoma. He recommended surgery as the best option and CT to better visualize mass prior to surgery.

SPECIES COMPUTED TOMOGRAPHIC STUDY OF THE THORAX

Canine Plain and post contrast studies available for review.

BREED COMPUTED TOMOGRAPHIC FINDINGS

Soft Wheaten Terrier An ovoid large soft tissue attenuating mass is seen within the cranial mediastinum. The mass presents heterogeneous contrast enhancement with multiple internal cavitations and a mild amount of fat stranding and fluid accumulation within the subcutis of the ventral neck. The mass measures approximately 14 cm in length, 10 cm in width, and 7 cm in height. The cranial mediastinum is severely expanded by the mass. The cardiac silhouette is shifted caudally and towards the right of the midline. Dorsal and rightward deviation of the trachea and esophagus is seen. The lung is pushed caudally. Compression atelectasis of the left cranial, right cranial, and right middle lung lobes is seen. The aerated caudal lung lobes and accessory lung lobe present no evidence of interstitial nodules or masses. Occasional pulmonary osteomas are seen. The mediastinal mass exerts a mass effect onto the cranial mediastinal vasculature including the brachycephalic trunk, subclavian arteries, and cranial vena cava. No overt vascular invasion is seen.

SEX

Female Spayed

AGE

8 Years

Mild generalized hepatomegaly with slightly rounded lobar margins is noted in the included cranial abdomen.

INTERPRETED BY

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

Both kidneys present multiple cortical renal infarcts.

The splenic head is rounded in appearance and measures 4 cm in diameter. A nodular area with decreased enhancement is seen in the splenic body.

HOSPITAL NAME

Mobile Pet Imaging

COMPUTED TOMOGRAPHIC DIAGNOSIS

- Large cranioventral mediastinal soft tissue mass meeting neoplastic criteria with severe mass effect onto the lung.
- Compression atelectasis of the cranial and middle lung lobes.
- Mild hepatomegaly.
- Mass like appearance of the splenic head and splenic nodules.
- Bilateral cortical renal infarcts.

REFERRING VET

Meaux

INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

INVOICE The CT study reveals a large cranioventral mediastinal soft tissue mass. No overt vascular or other peripheral tissue invasion is noted. The main challenge for surgical excision may be posed by the large size of the mass. Differential diagnosis includes cranial mediastinal lymphoma, thymic lymphoma, thymoma, ectopic thyroid carcinoma, hemangiosarcoma, and other in general. However, based on the patient history, lymphoma and thymoma appear to be unlikely.

50547

DATE

2-24-22

The hepatic and splenic findings should be correlated with the abdominal ultrasound if available. The



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splenic changes may well represent benign nodular hyperplasia; however, a neoplastic infiltrate cannot be ruled out entirely. The hepatomegaly may be due to metabolic/endocrine hepatopathy. Diffuse neoplastic or inflammatory/infectious infiltrates are thought unlikely based on the CT findings but can never be ruled out entirely.

SPECIES

Canine

BREED

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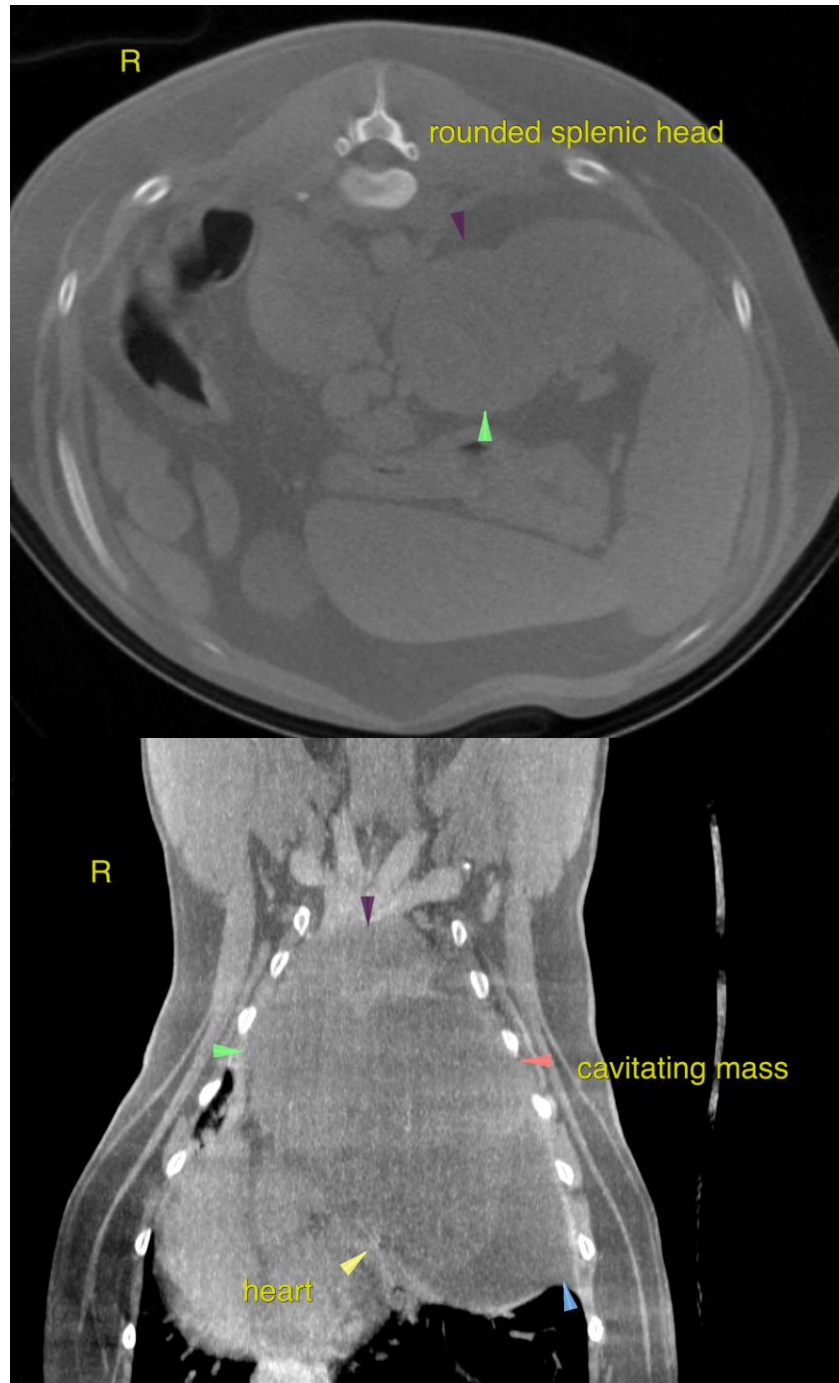
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

SPECIES

Canine

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

Soft Wheaten Terrier

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