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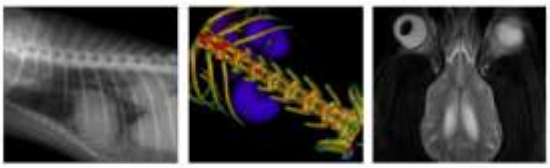

SonoPath.com
1-800-838-4268 info@sonopath.com

PATIENT

Luna Prasek

SPECIES

Canine

BREED

Pit Bull Mix

SEX

Spayed Female

AGE

10

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

Aloha Pet & Bird Hospital

REFERRING VET

Dr. J. Pepen

INVOICE

48787

DATE

12-4-21

PRESENTING CLINICAL SIGNS

PLEURAL AND PERICARDIAL EFFUSION

COMPUTED TOMOGRAPHY OF THE THORAX & ABDOMEN

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

COMPUTED TOMOGRAPHIC FINDINGS

Thorax

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

A moderate amount of non-contrast enhancing gravity dependent soft tissue material is present in the pleural cavity. The lung lobes are retracted from the thoracic wall and present a moderately decreased volume. The volume of the left lung lobes is markedly decreased, and the lung parenchyma is consolidated with air-bronchograms; a left sided mediastinal shift is seen. Multifocal throughout the parenchyma of the right lung lobes, well-defined, soft tissue attenuating nodules of variable size – measuring up to 8 mm in diameter – are visible.

The pericardial sac contains a mild amount of fluid attenuating material. Post contrast administration, an ill-defined roundish filling defect is seen in the right auricular appendage of the right atrium.

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

Abdomen

A moderate amount of non-contrast enhancing soft tissue material is visible in the peritoneal cavity, the peritoneal fat presents moderate fat-stranding.

Both kidneys present within normal limits for size, shape and organ architecture. After contrast administration a bilaterally symmetric and uniform nephro- and pyelogram is noted.

The adrenal glands are within normal limits for size, shape and organ architecture.

The liver presents with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

Protruding from the surface of the caudal extremity of the spleen, a roundish, heterogeneous contrast enhancing and uniform soft tissue attenuating mass, measuring 2.5 cm in diameter is visible. A second mass is seen in the cranial extremity of the spleen, measuring 2.9 cm in size.

Multifocal moderate spondylosis formation is seen along the lumbar spine.

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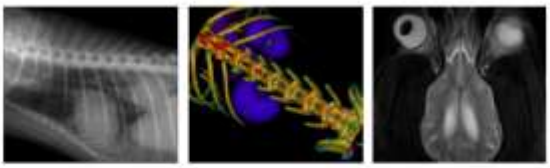

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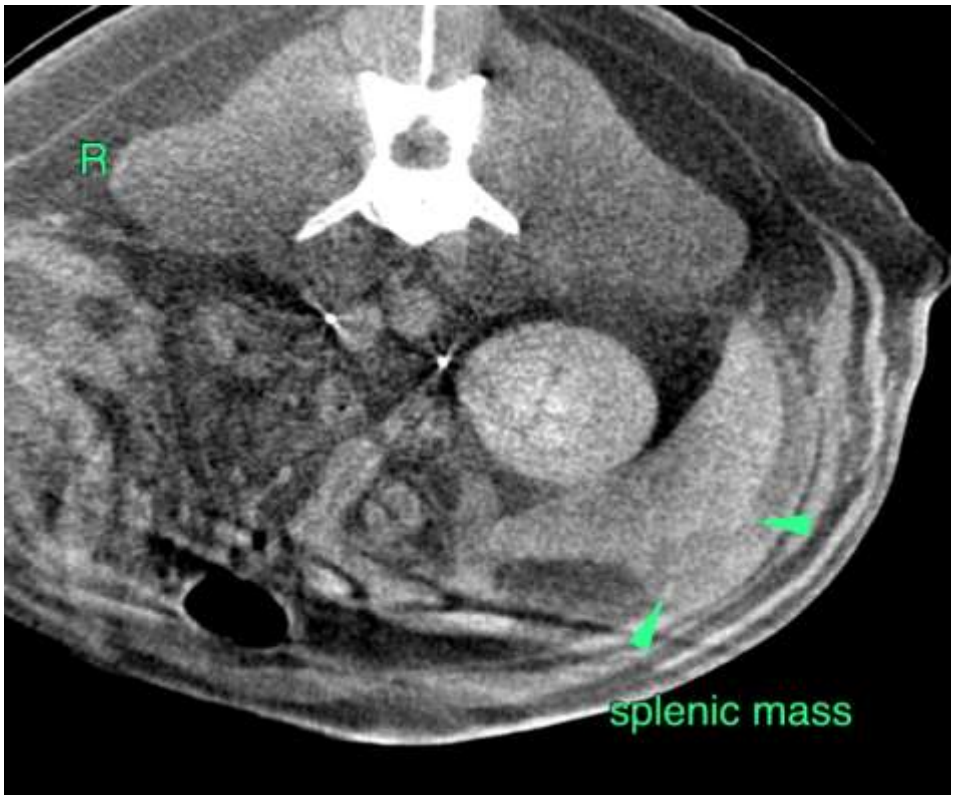
COMPUTED TOMOGRAPHIC DIAGNOSIS

- History of pericardial effusion
- Suspect mass in the right cardiac atrium
- Multiple splenic masses
- Structured nodular interstitial lung pattern
- Moderate pleural & peritoneal effusion
- Compression atelectasis left lung lobes
- Spondylosis deformans

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The findings are compatible with disseminated neoplastic disease and given the splenic nodules and potential right atrial mass; the top differential is hemangiosarcoma. A cardiac echo might be used to confirm the diagnosis of right atrial mass completely. Treatment options are limited to palliative management. The long term prognosis is infaust.



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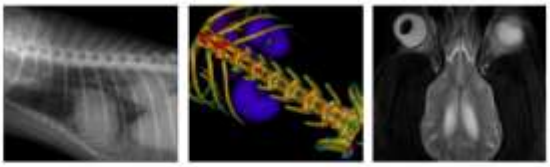

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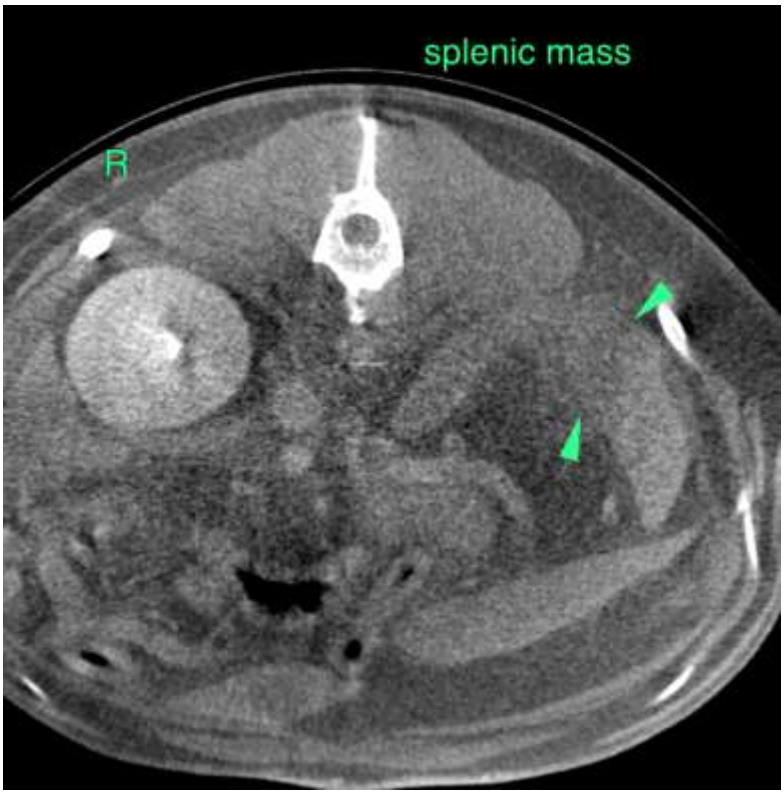

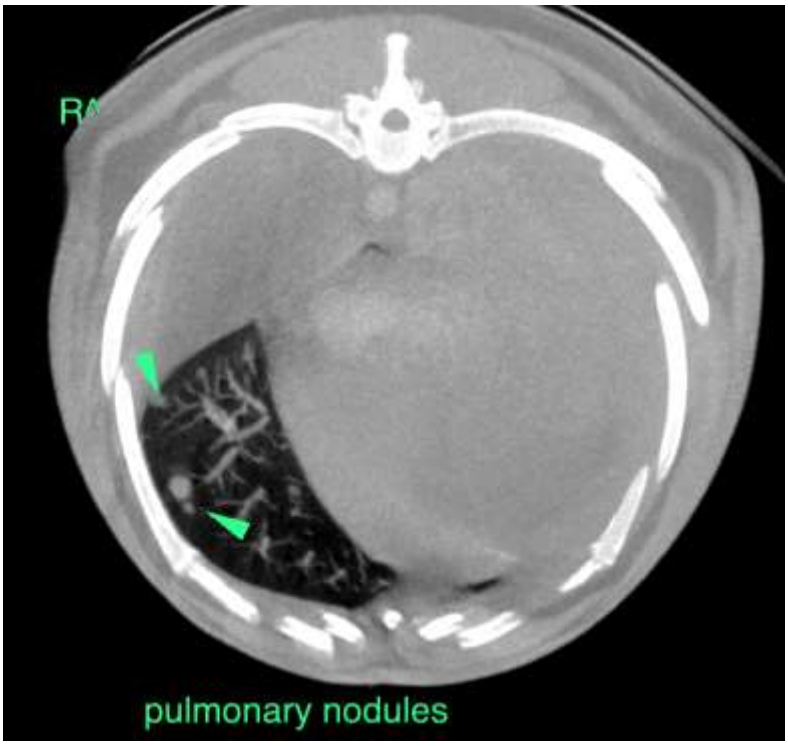

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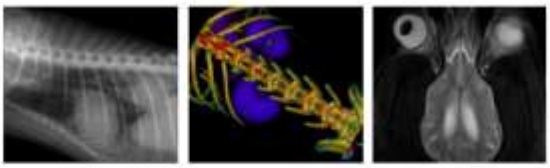

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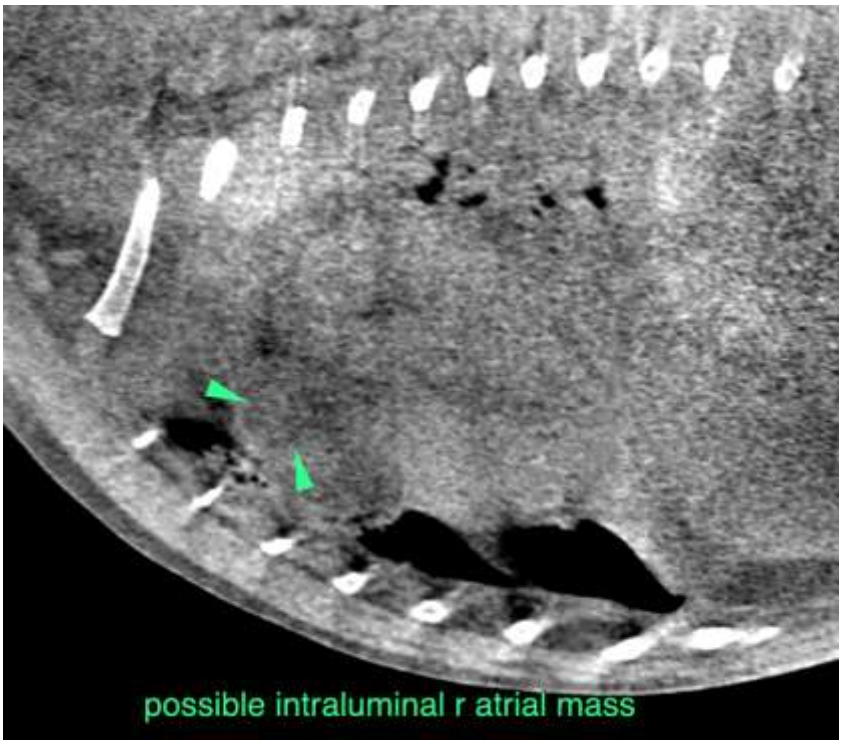

The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

Sebastian Schaub, Sebastian Schaub, DVM, Dr. med. vet. DipECVDI
sebast.schaub@gmail.com