



PATIENT PRESENTING CLINICAL SIGNS

Rosso Flores Patient had a CT July 7/7/22. Sonopath sent report for these images. Repeated the CT on 8/26/22 to re-evaluate patient.

SPECIES Abnormal PE/Chem/CBC/UA Results: Bloodwork 8/26/22 - RBC 4.99M/uL Hematocrit- 35% Hemoglobin 12.4 g/dL Reticulocytes K/uL Eosinophis 1.34K/uL Basophils 0.70K/uL MPV 14.1 fL Plateletcrit0.52% Chem- Bun 31mg/dL ALT 145U/L

Canine

COMPUTED TOMOGRAPHY OF THE SKULL, THORAX AND ABDOMEN

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

Pitbull

COMPUTED TOMOGRAPHIC FINDINGS

Skull

SEX The pictured parts of the dentition are complete and unremarkable in all jaw quadrants.

Neutered Male The nasal cavity presents the expected aerated spaces between thin & even conchae and turbinates with smooth mucosal lining.

AGE Both temporomandibular joints present congruent joint spaces with even subchondral bone surfaces and are considered within normal limits.

5 Years, 1 Month Both tympanic bullae are aerated, the mucosal lining is not seen, the bony wall is smooth and thin. The external ear canals are within normal limits.

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The brain presents no deviation from normal anatomy and symmetry. The brain parenchyma is homogeneous and within normal limits for attenuation and distribution of contrast enhancement. The ventricular system is non-dilated and symmetric.

HOSPITAL NAME

Neel Veterinary Hospital

The submandibular and medial retropharyngeal lymph nodes are small and elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform.

Thorax

REFERRING VET

Dr. Deepan Kishore,
Dr. Chris Logan

Along the ventral aspect of the neck and the cranioventral thoracic wall, a significant subcutaneous swelling is appreciated with stranding of the subcutaneous fat. In the subcutaneous tissue at the left lateroventral aspect of the neck, level with C3/C4, a heterogeneous contrast enhancing mass is appreciated, measuring 7.2 x 4.1 x 4.2 cm in size.

In the subcutaneous tissue at the left laterodorsal aspect of the thoracic wall, level with the 7th to 9th left rib, a multinodular heterogeneous contrast enhancing mass is appreciated, measuring 6.5 x 2.7 x 7.9 cm in size.

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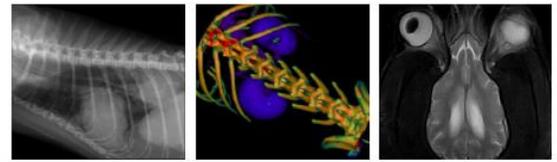
The left superficial cervical lymph node is significantly enlarged and rounded

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio is < 0.5, the attenuation and contrast enhancement pattern is uniform and considered within normal limits.

DATE

8-29-22

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



PATIENT

Rosso Flores

In the hilar region of the right middle and right caudal lung lobe, a plaque like confluent mass is seen, distorting the bronchi at the same level. The plaque like hilar pulmonary mass is protruding into the first degree bronchus of the right caudal lung lobe. Moderate irregular thickening of the wall of the first degree bronchus of the right caudal lung lobe is appreciated. The mass is decreased in size in comparison to the preceding CT study.

SPECIES

Canine

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

Abdomen

BREED

Pitbull

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis. In the left caudal abdomen, lateral to the bladder neck and ventral to the descending colon, an ill-defined spherical soft tissue mass is seen, measuring approximately 3.0 cm in diameter.

SEX

Neutered Male

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.

AGE

5 Years, 1 Month

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

The hepatic volume is moderately increased, and the liver is protruding caudally beyond the costal arch; the caudoventral hepatic margins are rounded. The hepatic parenchyma is uniform soft tissue attenuating and contrast enhancing.

INTERPRETED BY

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The pancreas is evenly contoured, the pancreatic parenchyma is homogeneous and presents uniform contrast enhancement.

A small intestinal segment in the mid abdomen presents with an irregular mural mass with heterogeneous contrast enhancement pattern; measuring 6.8 x 3.8 x 6.9 cm in size.

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The bony and surrounding soft tissue structures reveal no abnormalities.

COMPUTED TOMOGRAPHIC DIAGNOSIS

REFERRING VET

Dr. Deepan Kishore,
Dr. Chris Logan

- Subcutaneous mass left ventral aspect of neck & left thoracic wall
- Lymphadenopathy left superficial cervical lymph node
- History of invasive growing pulmonary hilar mass right middle & caudal lung lobe
- Small intestinal mural mass
- Peritoneal soft tissue mass left caudal abdomen
- Hepatomegaly
- Advanced subcutaneous edema ventral aspect of the neck

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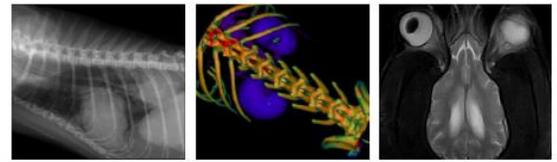
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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

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Although there is regressive volume of the right hilar pulmonary mass, there is evidence of dissemination of neoplastic disease with subcutaneous masses at the cranioventral aspect of the neck & left thoracic wall, lymphadenopathy left superficial cervical lymph node, an intramural jejunal mass and a peritoneal mass in the left caudal abdomen.



PATIENT

The hepatomegaly is concerning for diffuse neoplastic infiltration as well.

Rosso Flores

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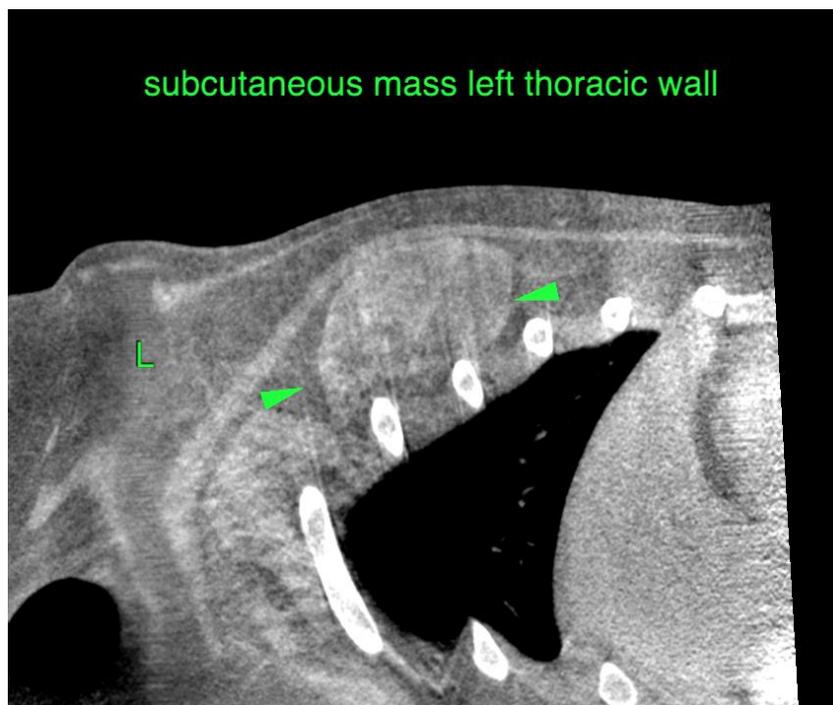
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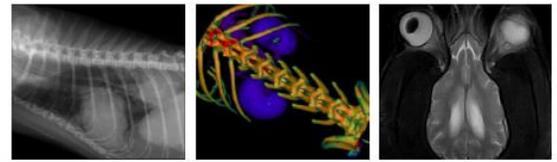
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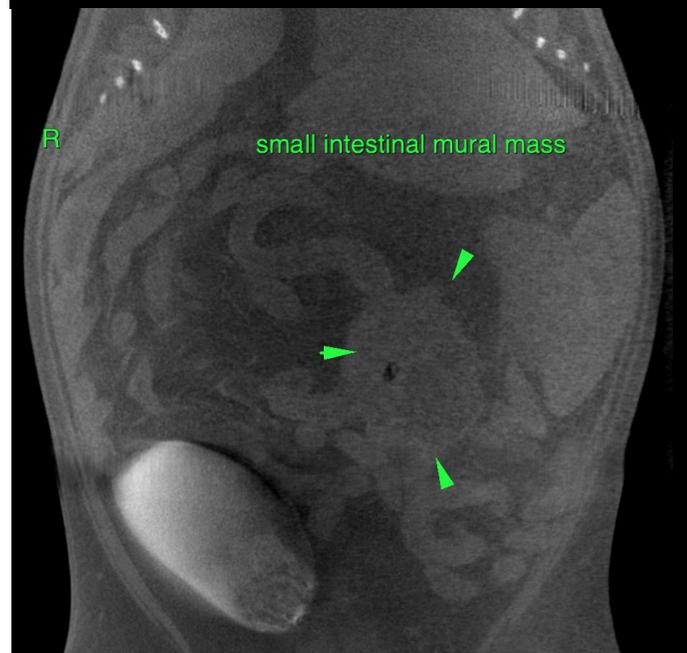
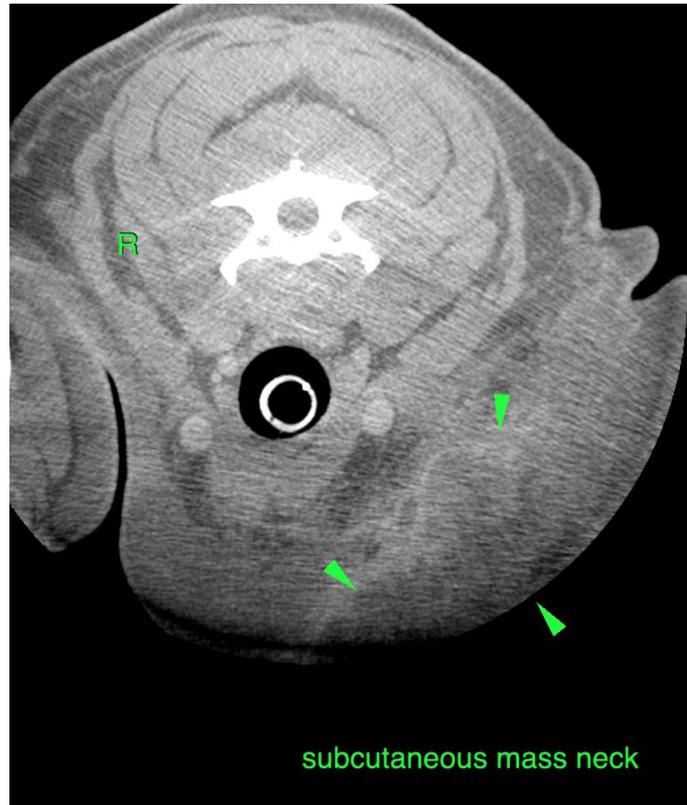
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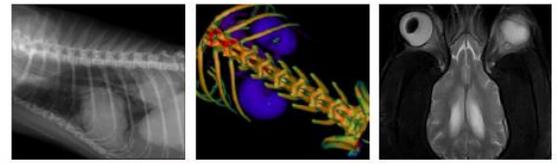
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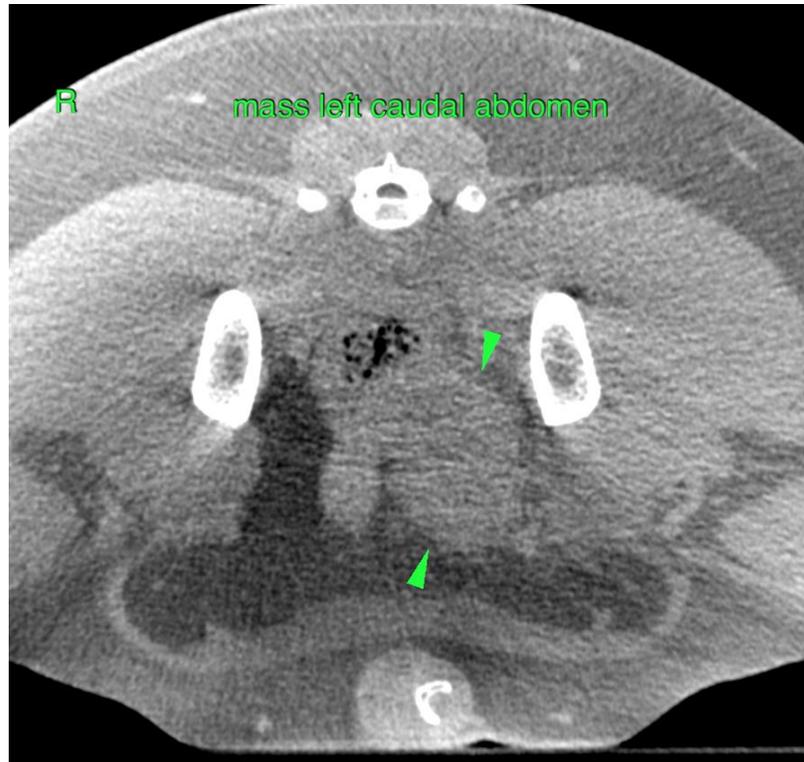
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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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