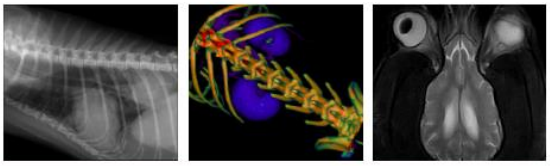
SonoPath Teleradiology

EDUCATIONAL TELECONSULTATION SERVICES™



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

PATIENT

Jax Fronjian

SPECIES

Canine

BREED

Mixed

SEX

Male Neutered

AGE

7 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

HOSPITAL NAME

New Bridge
Veterinary Practice

REFERRING VET

Dr. Abina Glennon

INVOICE

50927

DATE

3-15-22

PRESENTING CLINICAL SIGNS

Coughing History of elevated Liver enzymes
Abnormal PE/Chem/CBC/UA Results: Pending

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

An overview study including the thorax and abdomen in two imaging planes is provided for review.

RADIOGRAPHIC FINDINGS

The body condition score is 9/9.

Thorax

The surrounding bony structures are within normal limits.

The extrathoracic soft tissues present homogeneous without abnormalities.

The heart is of normal size and shape, there is no evidence of cardiac chamber or vascular enlargement. The pulmonary vasculature is within normal limits.

The cranial mediastinum presents the expected soft tissue opacity. The mediastinal width is less than twice the width of the vertebral column at the same level.

The trachea is normal in diameter and presents the anticipated course. The luminal outline of the trachea is smooth.

The lung parenchyma presents a generalized mild to moderate ground glass opacification of the lung parenchyma. In the lateral projection the lung field is extending up to the level of the caudal vertebral endplate of T9.

The diaphragm is well delineated with even surface and the expected mild cranial bulging of the diaphragmatic cupola.

Abdomen

The caudal aspects of the abdomen are cropped by the collimation.

The surrounding bony structures are within normal limits.

No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

At the caudoventral aspect of the liver, ventral to the stomach, an ovoid shaped, homogeneous soft tissue opaque mass is seen, measuring approximately 9.0 x 5.9 cm in size. In the VD projection, the mass is located in the right cranial abdomen.

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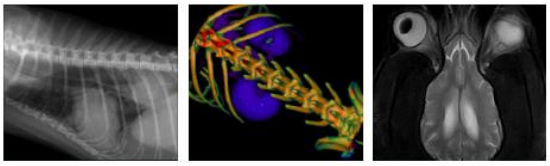

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The splenic head is in the anticipated position and within normal limits for size and opacity.

Both kidneys are seen and present with normal size, shape, delineation and opacity.

The stomach is in its anticipated position and presents normal content.

The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

RADIOGRAPHIC DIAGNOSIS

- Cranioventral abdominal soft tissue mass
- Unstructured interstitial lung pattern
- Obesity
- No evidence of pulmonary metastatic disease

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

The cranioventral abdominal mass is compatible with a hepatic mass and potentials include neoplasia (e.g. hepatocellular adenoma/carcinoma), regeneration nodule, hepatic cyst. An abdominal ultrasound examination can be used as advanced imaging modality and will allow FNA sampling for further definition and potential surgical planning.

The unstructured interstitial lung pattern is likely a sequela to the nutritional status and hypoinflation of the lung parenchyma. Differentials include fibrosis, pneumonitis (inflammatory versus infectious), systemic disease (e.g. pancreatitis, IMHA, renal disease), neoplasia.

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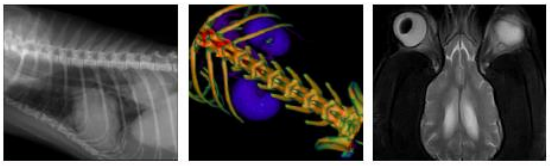

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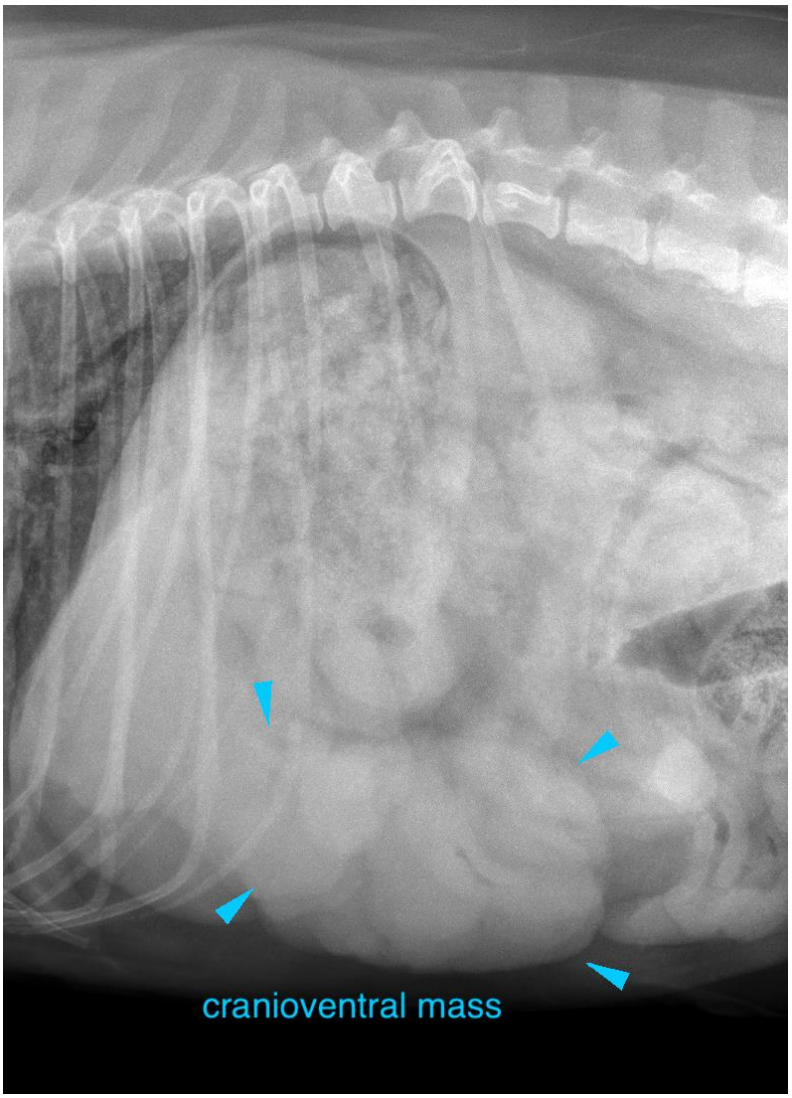

The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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
sebast.schaub@gmail.com