



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Pinky Girl Ready for Rescue

Progressive increase in respiratory distress. Rescue league case - vague history.

**COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN**

**SPECIES**

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

Feline

**COMPUTED TOMOGRAPHIC FINDINGS**

**BREED**

Thorax

DLH

The deep cervical lymph nodes bilaterally are prominent and rounded with a heterogeneous contrast enhancement pattern.

**SEX**

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.

FS

The volume of the lung parenchyma is generalized moderately decreased and multiple regions of dystelectasis of the lung parenchyma are appreciated.

**AGE**

A defect is seen in the mid portion of the diaphragm, measuring approximately 3.5 x 2.5 cm in size. Peritoneal fat and a moderately enlarged hepatic lobe are protruding into the caudal mediastinum and is in contact with the pericardial sac/heart. The gallbladder is protruding cranially through the diaphragmatic defect into the caudal mediastinum. The hepatic parenchyma has a generalized mild heterogeneous contrast enhancement pattern.

10 Years

**INTERPRETED BY**

The heart presents a left sided shift due to mass effect of the herniated liver lobe.

Sebastian Schaub, DVM  
Dr. med. vet. DipECVDI

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

**HOSPITAL NAME**

Abdomen

Animal Surgical Center

The serosal fat presents normal attenuation behavior. There is no evidence of peritoneal effusion or peritonitis.

**REFERRING VET**

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. A small amount of sedimented mineral attenuating material is seen on the ventral urinary bladder wall.

N/A

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

**INVOICE**

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

55295

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

**DATE**

The position, delineation, wall and content of the gastrointestinal tract are considered within normal limits throughout.

11-21-22

The bony and surrounding soft tissue structures reveal no abnormalities.



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**REFERRING VET**

N/A

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11-21-22

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

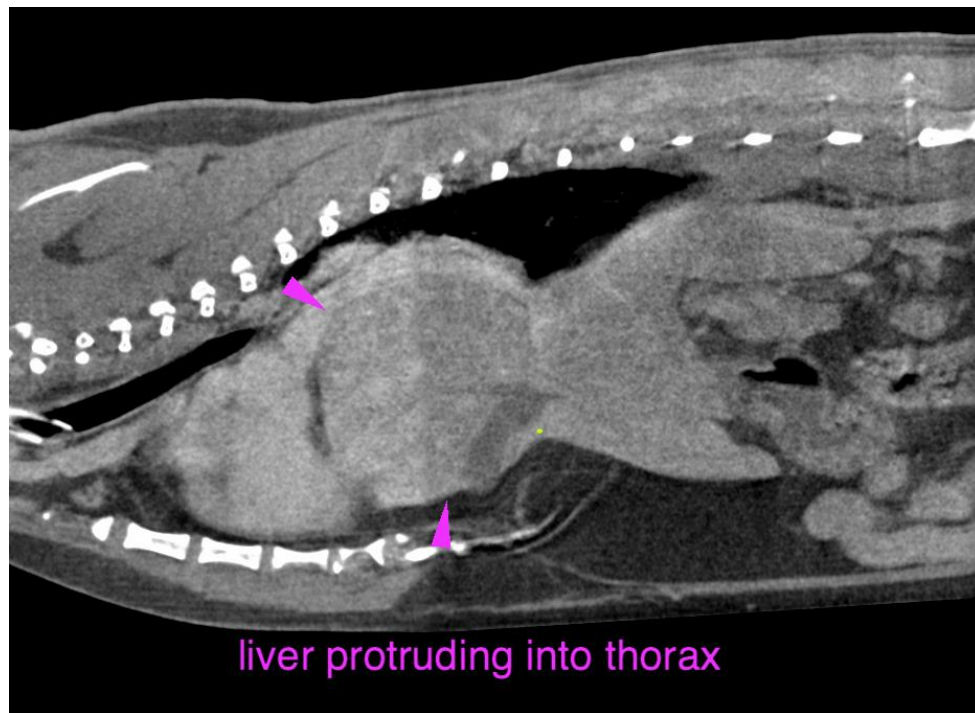
- Diaphragmatic hernia with prolapse of parts of the liver into the caudal mediastinum
- Lymphadenopathy deep cervical lymph nodes
- Dystelectasis of the lung parenchyma
- Mild bladder sand

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study is consistent with diaphragmatic hernia with prolapse of parts of the liver and the gallbladder into the caudal mediastinum or caudal aspect of the right hemithorax – a potential is peritoneal-pericardial hernia. The finding is a plausible source for the presenting clinical signs and surgical management is the advised. The prominent liver is suggestive for hepatitis/chronic congestion of the prolapsed liver lobe or metabolic hepatic disease.

The prominent deep cervical lymph nodes are most consistent with reactive hyperplasia, however, recommend FNA sampling to rule out neoplastic infiltration.

Consider complete urinalysis for workup of the bladder sand.





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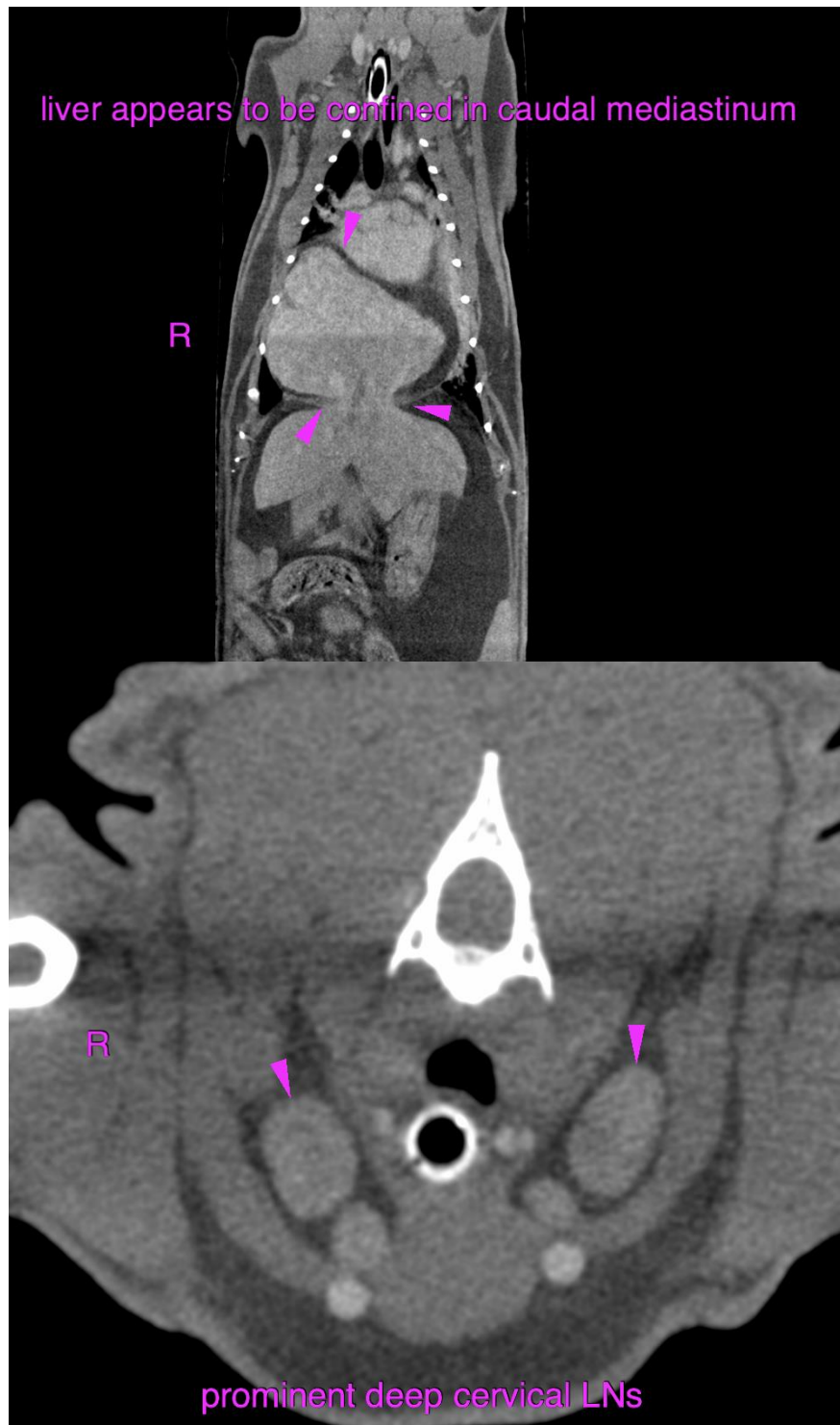
N/A

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Rescue

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.

**SPECIES**

Feline

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**

DLH

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FS

**AGE**

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Center

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