



**PATIENT**

Junior Bierlein

**PRESENTING CLINICAL SIGNS**

HX OF VOMITTING , ABDOMINAL MASS

**SPECIES**

Feline

**COMPUTED TOMOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Plain and post contrast studies available for review.

**BREED**

DSH

**Thorax**

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

Moderate sternal lymphadenomegaly is noted.

**SEX**

Neutered Male

The 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 are uniform and considered within normal limits.

**AGE**

10 Years

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

The bronchial tree presents with regular branching and tapers uniformly towards the periphery as expected, the bronchial walls are thin and smooth. The bronchus-to-artery ratio is within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The lung parenchyma presents the expected architecture and attenuation behavior.

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

**HOSPITAL NAME**

Aloha Pet & Bird  
Hospital

**Abdomen**

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

**REFERRING VET**

Dr. J. Pepen

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.

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Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable.

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

**DATE**

9-23-22

A large irregular shaped and ill-defined gastric wall mass is seen involving the ventral and caudal aspect of the gastric fundus and body. The mass measures approximately 8 x 5 x 3 cm. Disruption of the wall layering is noted. There are multifocal mineralizations and heterogeneous contrast enhancement. The gastric pylorus and gastric outlet are not involved.



**PATIENT** Multiple mild to moderate epigastric lymphadenomegaly is noted.

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**COMPUTED TOMOGRAPHIC DIAGNOSIS**

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- Large gastric wall mass involving the wall of the gastric fundus and body meeting neoplastic criteria.
- Multiple epigastric lymphadenomegaly.
- Sternal lymphadenomegaly.

**BREED**

DSH

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The CT study reveals a large heterogeneously enhancing and mineralizing mass within the gastric wall. The mass is located in the ventral and caudal aspect of the gastric fundus and gastric body. No evidence of direct involvement of the gastric pylorus and gastric outlet is seen. Differential diagnosis includes adenocarcinoma, lymphosarcoma, and less likely leiomyosarcoma, and GIST. Ultrasound guided sampling could be considered to further define if not performed already.

**SEX**

Neutered Male

The regional lymphadenomegaly is suggestive for metastatic disease. Reactive hyperplasia cannot be ruled out.

**AGE**

10 Years

There was no evidence of metastatic disease of the lung.

The sternal lymphadenomegaly however may reflect metastatic disease or reactive hyperplasia since the sternal lymph nodes drain part of the cranial abdomen. Ultrasound guided fine needle aspiration recommended for further definition.

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**BREED**

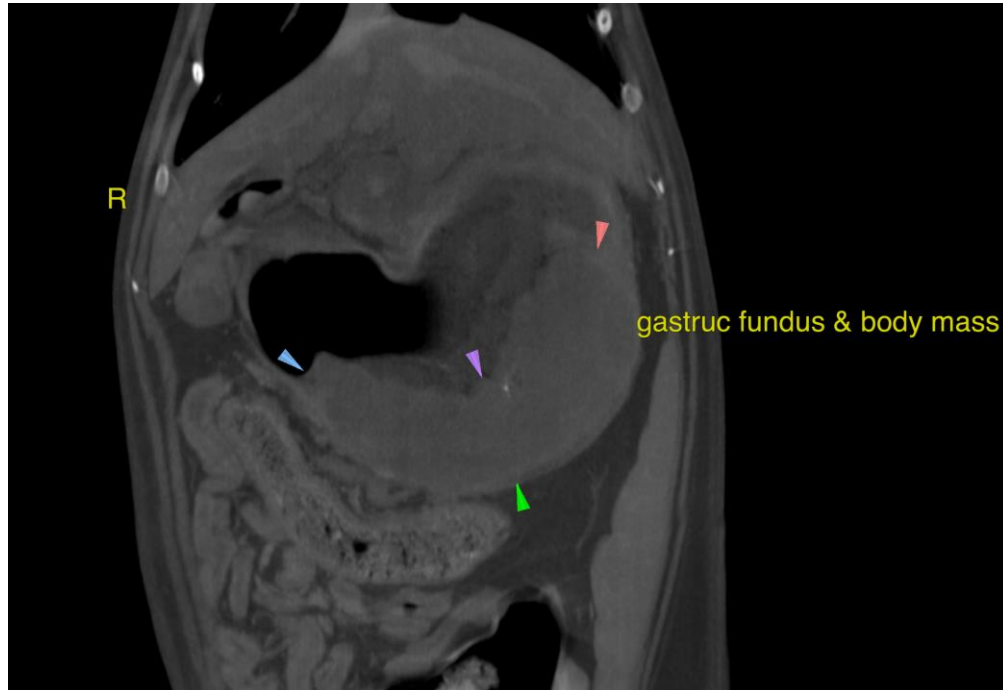
DSH

**SEX**

Neutered Male

**AGE**

10 Years



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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.

**HOSPITAL NAME**

Aloha Pet & Bird  
Hospital

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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