



PATIENT PRESENTING CLINICAL SIGNS

Ella Storey Owners noticed a mammary mass early July, has grown since that time. Also had an infected nipple, placed on clavaseptin eating and toileting is normal, the past week an intermittent cough, activity level is good. skin issues historically. Owners wanting SX Sept 8th pending CT results Pre and post contrast CT of Chest and abdomen performed Sept 7th 2021.
 Abnormal PE/Chem/CBC/UA Results: Right sided Mammary Mass

SPECIES

Feline

COMPUTED TOMOGRAPHY OF THE THORAX AND ABDOMEN

A pre- and post-contrast CT study of the thorax and abdomen in a lung- and soft tissue reconstruction are provided for review.

BREED

COMPUTED TOMOGRAPHIC FINDINGS

Domestic Short Hair

Thorax

SEX

At the proximocaudal aspect of the right scapula, medial to the right latissimus dorsi muscle, a well-defined, heterogeneous contrast enhancing soft tissue nodule, measuring 9 mm in size is visible. The vertebral endplates T12/Tt13 present moderate spondylosis formation.

FS

AGE

The sternal lymph node is prominent rounded, uniform soft tissue attenuating and has a heterogeneous contrast enhancement pattern.

7 Years

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

INTERPRETED BY

Mild thickening of the bronchial walls is seen.

Sebastian Schaub, DVM
 Dr. med. vet. DipECVDI

Mild dystelectasis of the dorsal dependent aspects of the lung.

HOSPITAL NAME

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

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Abdomen

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.

Dr. Jeffery Biskup

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

INVOICE

Both liver and spleen present with normal shape, even surface, uniformly attenuating parenchyma and homogeneous contrast enhancement, unremarkable. A small parenchymal cyst is seen in the quadrate liver lobe.

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

9-7-21

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



PATIENT

Ella Storey

Associated with the mammary complex at the right cranioventral abdominal wall, an irregular spherical, homogeneous soft tissue attenuating and heterogeneous contrast enhancing mass is visible measuring 30 x 25 x 41 mm in size; the respective nipple is significantly enlarged. A second heterogeneous contrast enhancing nodule is visible level with the most caudal mammary complex measuring 15 mm in diameter. The right inguinal lymph node is mildly prominent.

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COMPUTED TOMOGRAPHIC DIAGNOSIS

- Mammary masses right caudal segment of mammary complex
- Soft tissue nodule medial to right latissimus dorsi muscle
- Lymphadenopathy sternal lymph node
- Mild lymphadenopathy right inguinal lymph node
- Mild bronchial lung pattern
- Spondylosis deformans
- No evidence of metastatic spread

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INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

History of mammary masses – malignant mammary neoplasia such as adenocarcinoma is the top differential here. The enlarged sternal lymph node and nodule level with the right medial latissimus dorsi muscle are highly concerning for metastasis. Excision of the mammary masses would be the therapy of choice, but there might be a high risk for recurrence – possible at different locations.

AGE

7 Years

INTERPRETED BY

Sebastian Schaub, DVM
Dr. med. vet. DipECVDI

The bronchial lung pattern is suggestive for feline bronchial disease and allergic/primary inflammatory non-infectious causes are likely.

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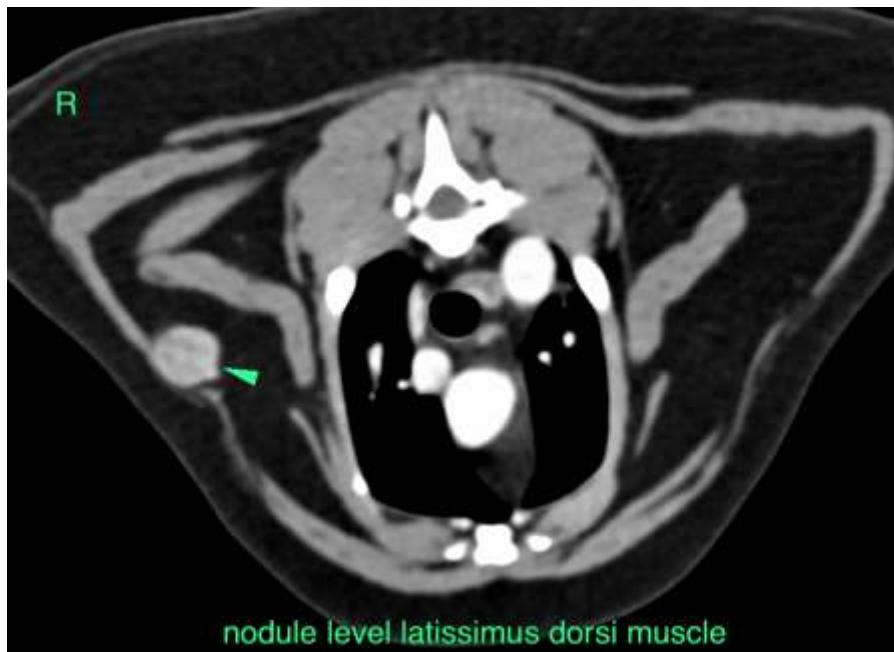
Dr. Jeffery Biskup

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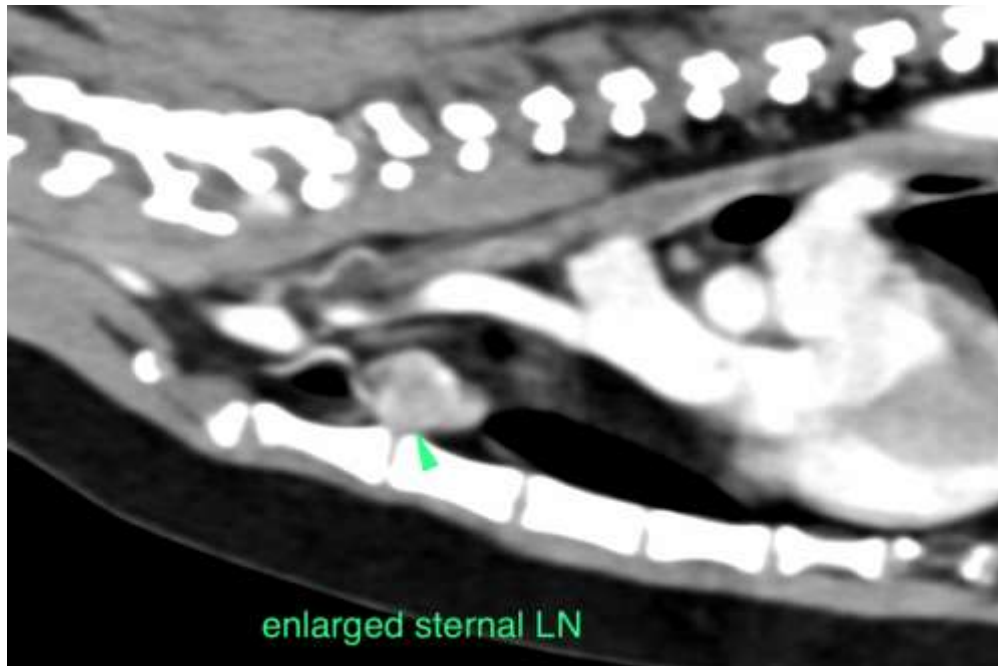
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The information and recommendations provided are based on the images presented by the referring veterinarian. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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