



**PATIENT**

Mila Dubois

**PRESENTING CLINICAL SIGNS**

MCT confirmed on the vulva, pre-screening for metastasis before scheduling surgery

**SPECIES**

Canine

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

Plain and post contrast studies of the abdomen and plain study of the thorax available for review.

**BREED**

Pitbull Mix

**COMPUTED TOMOGRAPHIC FINDINGS**

**Abdomen**

An approximately 6mm sized soft tissue attenuating contrast enhancing superficial nodule is seen at the tip of the vulva. Lesion margins appear to be ill-defined.

**SEX**

Female Spayed

The sacral, hypogastric, and medial iliac lymph nodes present within normal limits. The superficial inguinal lymph nodes are within normal limits as well.

**AGE**

4 Years, 23 days

Mild generalized enlargement of the spleen is seen. Small isoattenuating and isoenhancing tissue is seen dorsal to the splenic head in the left cranial abdomen compatible with ectopic splenic tissue.

The liver, kidneys, pancreas, adrenal glands, and gastrointestinal tract present within normal limits.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

There is a lumbosacral and sacrocaudal transitional vertebra.

**Thorax**

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

**HOSPITAL NAME**

Catskill Veterinary  
Services, PLLC

The sternal, cranial mediastinal and tracheobronchial lymph nodes are small elongated with a normal short-to-long-axis-ratio.

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

**REFERRING VET**

Dr. Joseph  
D'Abbraccio

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.

The lung parenchyma presents the expected architecture and attenuation behavior.

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

**COMPUTED TOMOGRAPHIC DIAGNOSIS**

**DATE**

8-24-22

- Superficial nodular soft tissue mass of the vulva compatible with the history of a mast cell tumor.
- No evidence of regional lymphadenomegaly.
- Mild splenomegaly.



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- Congenital transitional vertebrae – incidental.
- No evidence of pulmonary metastatic disease.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**SPECIES**

Canine

The CT study reveals no structural evidence of metastatic disease.

**BREED**

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The splenomegaly is not accompanied by structural changes or abnormal enhancement. Differential diagnosis includes congestion under general anesthesia as well as idiopathic hypersplenism, diffuse infiltration with neoplastic or inflammatory cells. Infiltration with mast cells of the hepatic and splenic parenchyma cannot be ruled out despite their normal morphological appearance. Fine needle aspiration of the liver and spleen is recommended regardless of their normal appearance to complete the staging if not performed already.

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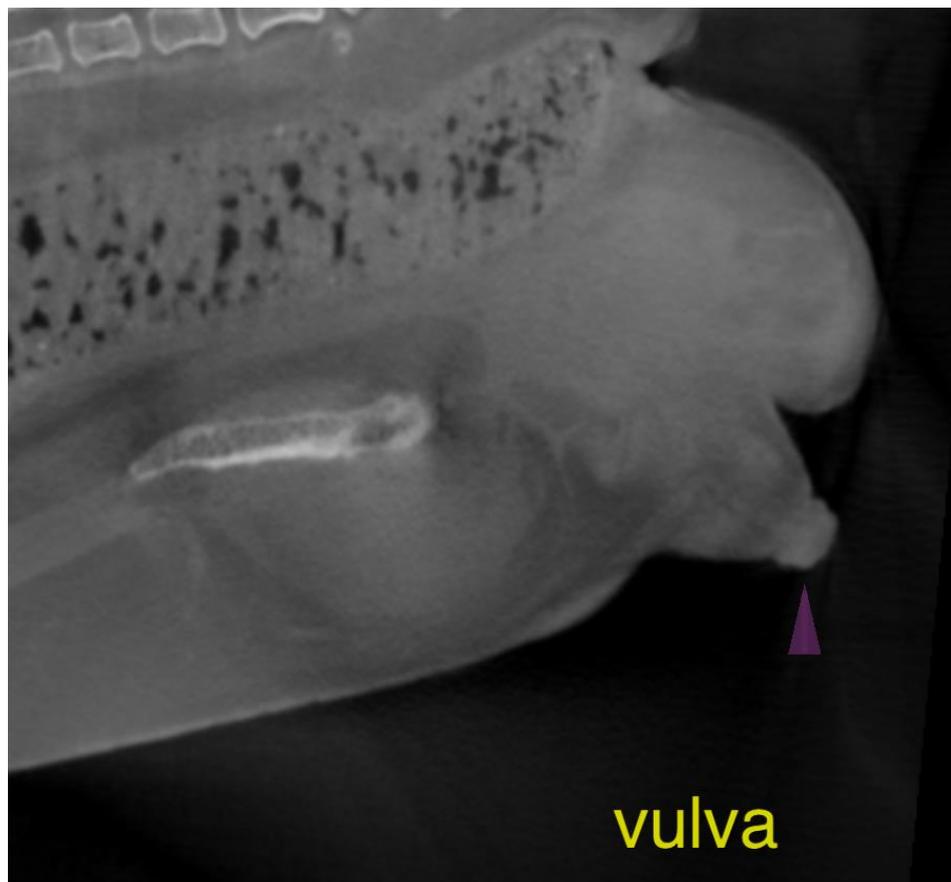
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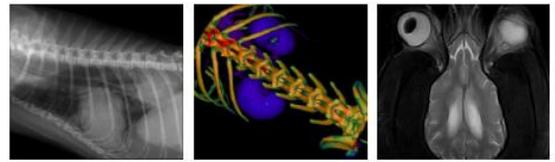
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

**SPECIES**

Canine

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