



**PATIENT**

Jada Hernandez

**PRESENTING CLINICAL SIGNS**

Mammary tumors appeared a few weeks ago. Has a soft cough, decreased appetite. Occasional vomiting.

**SPECIES**

Canine

**RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Right/left lateral and ventrodorsal views totaling 6 images available for review.

**BREED**

Husky

**RADIOGRAPHIC FINDINGS**

**Thorax**

A soft tissue opacity with an extrapleural sign is seen dorsal to the 3<sup>rd</sup> sternebra in the position of the sternal lymph nodes.

**SEX**

Female

Moderate to severe spondylosis deformans is seen within the mid thoracic and lumbar spine.

The cardiac silhouette is upright and thin. The vertebral heart score is 8.1. The pulmonary vasculature and caudal vena cava are thin.

**AGE**

11 Years

**Abdomen**

The abdominal cavity is voluminous.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

The abdominal serosal detail is maintained.

Moderate generalized enlargement of the liver is noted.

Multiple dilated tubular soft tissue opaque structures are seen occupying the mid and caudoventral abdomen. A tubular structure can be seen between the colon and urinary bladder.

**HOSPITAL NAME**

Sunridge Veterinary  
Clinic

**RADIOGRAPHIC DIAGNOSIS**

- Uterine enlargement.
- Hepatomegaly.
- Sternal lymphadenomegaly.
- Spondyloses.
- Hypovolemia with microcardia and underperfusion of the lung.

**REFERRING VET**

Magill

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

53913

Severe uterine enlargement involving both uterine horns appears to be present. Differential diagnosis includes pyometra or other type of hydrometra and less likely uterine neoplasia or uterine torsion.

**DATE**

9-1-22

Differential diagnosis for the hepatomegaly includes metabolic/endocrine/vacuolar hepatopathy as well as diffuse inflammatory/infectious or neoplastic infiltrate.

The sternal lymphadenomegaly may be due to pathology in the abdomen. Mammary complexes or thoracic wall reactive hyperplasia is a potential differential diagnosis versus metastatic



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disease.

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Consider surgical exploration with ovariohysterectomy and eventual liver biopsy. The surgery may be extended to the mammary complexes and preceded by fine needle aspiration of the regional lymph nodes as well as of the sternal lymph nodes which could be performed under ultrasonographic guidance.

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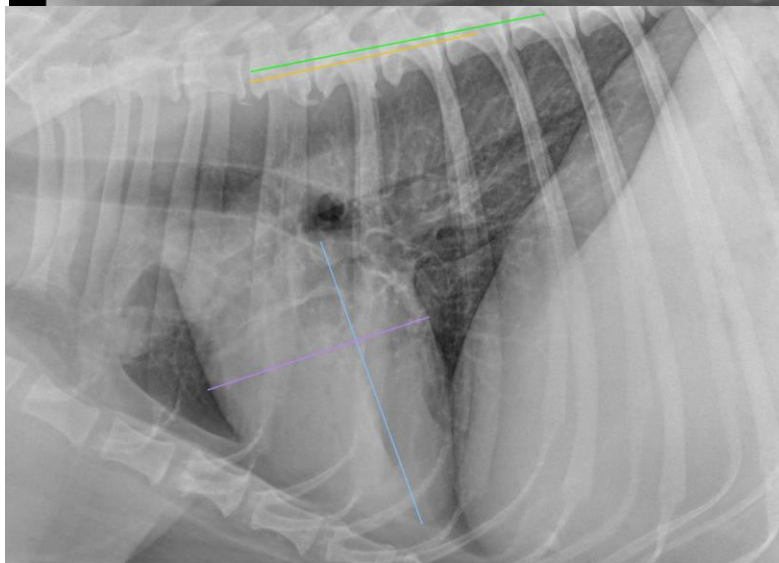
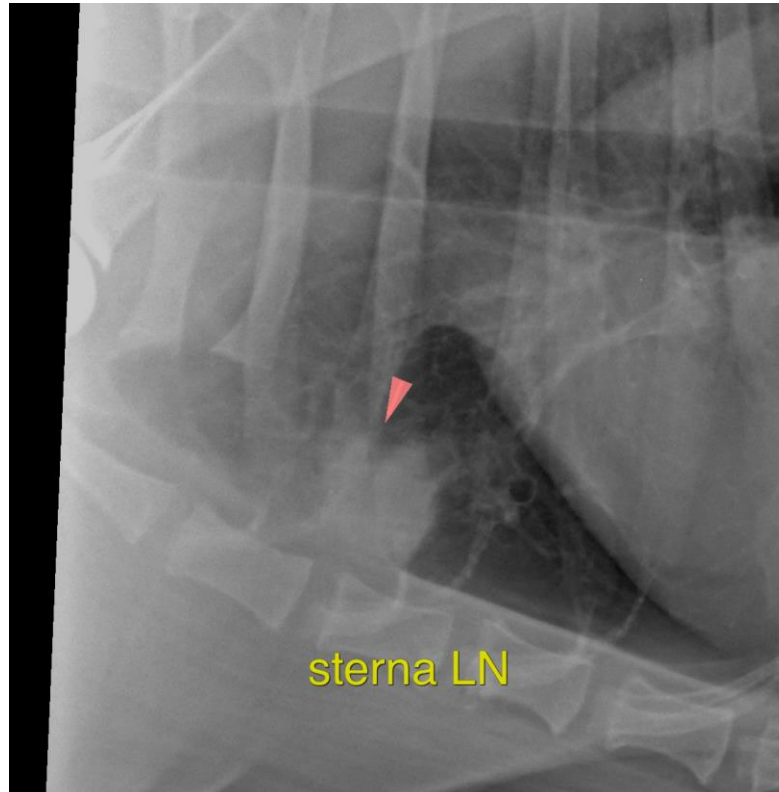
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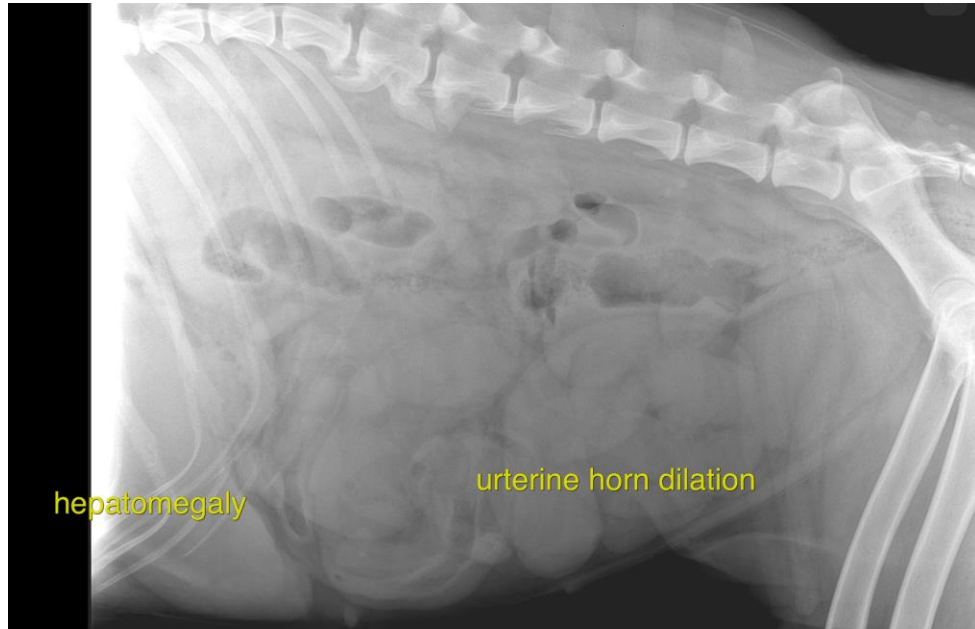
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

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.

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