



**PATIENT PRESENTING CLINICAL SIGNS**

Hazel Karp patient has only one kidney, history of sinusitis, on methimazole to control hyperthyroidism has asthma, Abnormal PE/Chem/CBC/UA Results: T4 is 3.6, alt, ast, alk phos mildly elevated,

**SPECIES RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

Feline Right/left lateral and ventrodorsal whole body views totaling 3 images available for review.

**BREED RADIOGRAPHIC FINDINGS**

DSH **Thorax**

The lungs are deeply inflated with air trapping. A moderate generalized bronchial lung pattern is noted and evenly distributed throughout the lung.

**SEX**

Spayed female An approximately 2 cm sized slightly cavitated soft tissue mass is seen in the right caudal lung lobe.

**AGE**

14 Multiple spondyloses are seen within the thoracolumbar spine.

**Abdomen**

The right kidney is slightly enlarged with normal shape and opacity. The left kidney is not seen.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDI

Moderate gastric aerophagia, mild gastric dilation, and a gravel signs are seen.

No evidence of abdominal organomegaly or mass effects is noted.

**HOSPITAL NAME**

Northshore  
Veterinary Hospital

There is mild generalized osteopenia which is likely to be within age related normal limits.

**RADIOGRAPHIC DIAGNOSIS**

**REFERRING VET**

Kimberly Barron

- Bronchial lung pattern with air trapping compatible with the history of feline asthma.
- Single soft tissue mass within the right caudal lung lobe.
- Gastric gravel sign with mild gastric dilation.
- Absence of the left kidney and presumed compensatory hyperplasia of the right kidney.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

**INVOICE**

54216

**DATE**

9-22-22

The radiographic study reveals a soft tissue mass within the right caudal lung lobe. Primary neoplasia of the lung such as bronchial carcinoma is a primary differential diagnosis. Secondary neoplasia, pulmonary granuloma, and metastatic disease cannot be ruled out entirely as differential diagnoses but are thought by far less likely. The mass is surrounded by aerated lung and not suitable for ultrasound guided sampling. Bronchial carcinoma tends to be slow growing in cats and further radiographic monitoring can be discussed versus surgical exploration and right caudal lung lobectomy depending on the clinical signs. Presurgical CT would be an option for further definition to rule out metastatic disease prior to potential surgery with greater sensitivity.



**PATIENT**

Hazel Karp

Presence of gravel within the stomach may be an incidental finding, however, it can be associated with impaired or delayed gastric outflow. Clinical correlation required.

**SPECIES**

Feline

**BREED**

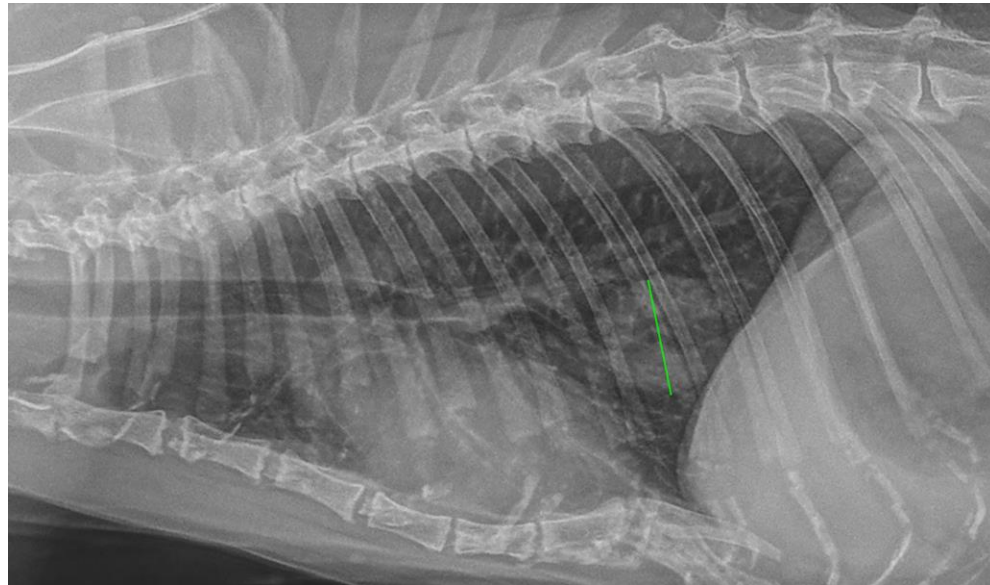
DSH

**SEX**

Spayed female

**AGE**

14



**INTERPRETED BY**

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Dr. med. Vet. DipECVDI

**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**

Northshore  
Veterinary 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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