



<b>PATIENT</b>	<b>PRESENTING CLINICAL SIGNS</b>
Ginger Zwick	Patient admitted for diarrhea w/ blood for 3 days, decline in appetite. Lethargic, and after switching diet to boiled chicken and white rice, did not improve. Water consumption down as well. Also her right hind knee was swollen and hard.
<b>SPECIES</b>	
Canine	<b>RADIOGRAPHIC STUDY OF THE THORAX, ABDOMEN AND PELVIS</b>
<b>BREED</b>	Radiographs of the thorax, abdomen and pelvis in three imaging planes are provided for review.
Mix	<b>RADIOGRAPHIC FINDINGS</b>
<b>SEX</b>	<u>Pelvis</u>
Female	An extensive lytic and proliferative bone lesion is observed in the distal right femur, with associated cortical destruction. Focal lysis and irregular periosteal reaction are also seen in the proximal tibia. There is associated soft tissue swelling.
<b>AGE</b>	The hip joints are congruent. No degenerative joint disease observed.
13Y	The pelvic bones are normal.
<b>WEIGHT</b>	Other soft tissue structures are normal.
70lbs	<u>Thorax</u>
<b>INTERPRETED BY</b>	Millimetric soft tissue opacity nodules are dispersedly seen in the lung fields.
Dr. Leticia Utsch MV	The heart and pulmonary vasculature appear normal.
<b>IMAGING PERFORMED BY</b>	The trachea and principal bronchi have a normal diameter.
Darius	The mediastinum and pleural space also appear normal.
<b>HOSPITAL NAME</b>	Degenerative changes are seen in the costochondral junctions. Spondylosis is seen in multiple thoracic vertebrae. Remaining bone structures do not show any significant changes.
Animal Clinic of Queens	<u>Abdomen</u>
<b>REFERRING VET</b>	The stomach appears empty.
Dr. Mandanini	The colon is mildly filled with gas.
<b>INVOICE</b>	The small intestines are normally filled with fluid and gas.
75207	The liver, kidneys and spleen have a normal size and shape.
<b>DATE</b>	The peritoneal and retroperitoneal detail are normal appearing.
5-28-26	The urinary bladder shows a normal opacity. No stones seen.
	Spondylosis is seen in multiple lumbar vertebrae.
	<b>RADIOGRAPHIC DIAGNOSIS</b>
	<ul style="list-style-type: none"><li>Aggressive bone lesion observed in the distal femur and proximal tibia, likely neoplastic;</li><li>The opacities seen in the lungs are most likely osteomas (incidental); however, lung metastasis</li></ul>



## PATIENT

Ginger Zwick

## SPECIES

Canine

## BREED

Mix

## SEX

Female

## AGE

13Y

## WEIGHT

70lbs

## INTERPRETED BY

Dr. Leticia Utsch MV

## IMAGING PERFORMED BY

Darius

## HOSPITAL NAME

Animal Clinic of  
Queens

## REFERRING VET

Dr. Mandanini

## INVOICE

75207

## DATE

5-28-26

cannot be ruled out;

- Empty colon is likely related to the reported diarrhea colitis.

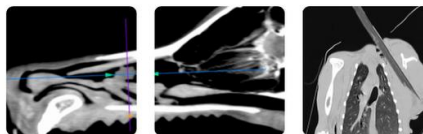
## INTERPRETATION OF FINDINGS & FURTHER RECOMMENDATIONS

The aggressive osseous lesion involving the distal femur and proximal tibia is highly concerning for neoplasia. Given the apparent involvement of both sides of the stifle region, periarticular histiocytic sarcoma and synovial cell sarcoma are considered the primary differential diagnoses, although osteosarcoma with local extension cannot be excluded. Histopathologic sampling is recommended for definitive diagnosis.

The small pulmonary nodules are favored to represent osteomas (incidental); however, pulmonary metastatic disease cannot be completely excluded given the aggressive nature of the appendicular lesion. Consider advanced thoracic imaging (CT) if accurate metastatic staging would alter treatment recommendations.

The reported gastrointestinal signs may be secondary to systemic effects of neoplasia and associated pain, although a concurrent gastrointestinal disorder cannot be excluded. Referral to oncology and/or surgery may be beneficial for discussion of diagnostic and therapeutic options.





## PATIENT

Ginger Zwick

## SPECIES

Canine

## BREED

Mix

## SEX

Female

## AGE

13Y

## WEIGHT

70lbs

## INTERPRETED BY

Dr. Leticia Utsch MV

## IMAGING PERFORMED BY

Darius

## HOSPITAL NAME

Animal Clinic of  
Queens

## REFERRING VET

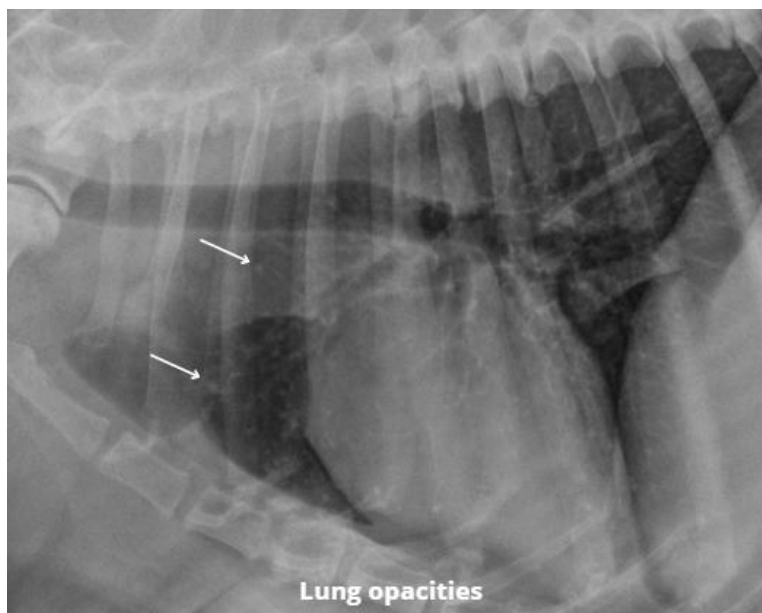
Dr. Mandanini

## INVOICE

75207

## DATE

5-28-26





## PATIENT

Ginger Zwick

## SPECIES

Canine

## BREED

Mix

## SEX

Female

## AGE

13Y

## WEIGHT

70lbs

## INTERPRETED BY

Dr. Leticia Utsch MV

## IMAGING PERFORMED BY

Darius

## HOSPITAL NAME

Animal Clinic of  
Queens

## REFERRING VET

Dr. Mandanini

## INVOICE

75207

## DATE

5-28-26

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.

**Dr. Leticia Utsch MV**

[info@sonopath.com](mailto:info@sonopath.com)