



**PATIENT**

Boo O'Connor

**PRESENTING CLINICAL SIGNS**

Lethargic. Partial anorexia. Significant weight loss. "Mass effect" at cranial abdomen. Urine appears grossly bilirubinuric.  
Abnormal PE/Chem/CBC/UA Results: CBC/Chem/T4 and UA pending.

**SPECIES**

Fel

**RADIOGRAPHIC STUDY OF THE ABDOMEN**

Right lateral and orthogonal views totaling 2 images available for review.

**BREED**

DHS

**RADIOGRAPHIC FINDINGS**

The visible thoracic structures present within age related normal limits.  
Mild hypovolemia with microcardia and underperfusion of the lung appears to be present.

**SEX**

FS

No significant skeletal abnormality is noted.

**AGE**

12

The patient is in thin body condition.

The abdominal serosal detail appears to be maintained.

The urinary bladder is only mildly distended. No abnormal opacities are seen within the urinary bladder.

**INTERPRETED BY**

Nele Eley, DVM  
Dr. med. Vet. DipECVDF

The assessment of the right kidney is limited owing to the superimposition with the gastrointestinal tract. The left kidney presents within normal limits.

The spleen appears to be prominent.

**HOSPITAL NAME**

Long Valley Animal  
Hospital

There is moderate generalized enlargement of the liver with mildly rounded lobar margins.

The stomach is post-prandial. Moderate gastrointestinal aerophagia is seen.

Two ovoid soft tissue opacities of approximately 3.0 cm diameter each are seen in the center of the abdominal cavity in a mesenteric position. The small and large bowel loops are deviated to the periphery of these soft tissue opaque masses.

**REFERRING VET**

Dr. Earl

A large amount of fecal material is seen within the colon and appears to be inspissated especially within the descending colon.

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**RADIOGRAPHIC DIAGNOSIS**

- Moderate generalized hepatomegaly.
- Mesenteric soft tissue mass/masses.
- Prominent spleen.
- Gastrointestinal aerophagia.

**DATE**

8-9-21

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The main differential diagnosis for the mesenteric soft tissue mass includes mesenteric



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lymphadenomegaly. The pattern and degree of enlargement would fit neoplastic criteria. Other mesenteric mass and intestinal mass cannot be ruled out entirely as a differential diagnosis.

In the combination of the findings, diffuse neoplastic infiltrate is one primary differential diagnosis for the hepatomegaly. However, other diffuse infiltrative disease including inflammatory, infectious, and metabolic/storage disease cannot be ruled out entirely even though considered by far less likely.

**SPECIES**

Fel

Final diagnosis will require sampling of both the mesenteric masses and the liver and potentially also the spleen which could be considered along with further definition by means of full abdominal ultrasound.

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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.

**REFERRING VET**

Dr. Earl

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.

**INVOICE**

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Nele Eley, DVM, Dr. med. vet., DipECVDI  
European Specialist in Veterinary Diagnostic Imaging, Cert. Radiology,  
Senior lecturer University of Giessen, Germany, Veterinary Faculty, Department of Radiology  
Nele.Eley@sonopath.com

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