



**PATIENT**

**PRESENTING CLINICAL SIGNS**

Stewart MacPherson

Hx of difficult breathing recently , owner just adopted a month ago  
 Abnormal PE/Chem/CBC/UA Results: abdominal breathing pattern , mild abdominal distention , bloodwork reveled mild eosinophilia, monocytopenia, hyperglycemia , hypochloremia , rest is normal and also fPL= WNL

**SPECIES**

Feline

**RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN**

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

**BREED**

Domestic Shorthair

**RADIOGRAPHIC FINDINGS**

**Thorax**

**SEX**

Male Neutered

The degree of pulmonary inflation is deep. The ribcage is rounded and slightly barrel shaped instead of the typical funnel shape in cats. Mild ventral divergence of the ribs is seen. The lumbodiaphragmatic angles are mildly widened. Mild flattening of the diaphragmatic cupola is noted which all indicates lower airway obstruction with air trapping.

**AGE**

6 Years

A moderate generalized bronchial lung pattern with moderate peribronchial cuffing is noted with even distribution throughout the lung.

Mild esophageal aerophagia is seen.

**INTERPRETED BY**

Nele Eley, DVM  
 Dr. med. Vet. DipECVDI

There is no evidence of abnormal mediastinal widening/ mediastinal lymphadenomegaly.

The radiographic presentation of the cardiac silhouette is within normal limits.

**Abdomen**

**HOSPITAL NAME**

St. Catherine's Animal Hospital

The patient is mildly obese.

The surrounding bony structures are within normal limits.

The abdominal wall is smooth and thin.

**REFERRING VET**

Dr. Masoud

The serosal detail is maintained throughout the peritoneal and retroperitoneal space.

The liver is appropriate in position, size and presents uniform opacity.

**INVOICE**

47653

The splenic head is in the anticipated position and within normal limits for size and opacity. The splenic tail is not seen.

Both kidneys are seen and present with normal size, shape, delineation and opacity. The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.

**DATE**

10-4-21

The stomach is in its anticipated position. The gastrointestinal tract is post-prandial.

The small intestinal loops are of even diameter and non-dilated.



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Stewart MacPherson

The colon is seen in the expected position and presents with appropriate content.

**RADIOGRAPHIC DIAGNOSIS**

**SPECIES**

Feline

- Moderate chronic active lower airway pattern with air trapping.

**INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS**

The radiographic findings are highly suggestive for recurrent allergic feline lower airway syndrome/feline asthma. Infectious bronchitis such as viral, bacterial, parasitic, or protozoal cannot be ruled out entirely as a differential diagnosis but is less common. Consider further definition by means of airway sampling versus a clinical trial of treatment for feline asthma.

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**SEX**

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**AGE**

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**HOSPITAL NAME**

St. Catherine's Animal  
Hospital

**REFERRING VET**

Dr. Masoud

**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.**

**INVOICE**

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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.

**DATE**

10-4-21

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