



PATIENT

Nancy Playfair

PRESENTING CLINICAL SIGNS

History of cutaneous/subcutaneous hemangiosarcoma after biopsy of a lump removal in 2020. Another lump started on the tail 3 months ago and has been growing.
Abnormal PE/Chem/CBC/UA Results: No heart murmur. Wheezes all over the lung. Olive sized hard SQ lump on the tail. BW: pending.

SPECIES

Feline

RADIOGRAPHIC STUDY OF THE THORAX & ABDOMEN

Right/left lateral and ventrodorsal views of the thorax and right lateral and ventrodorsal views of the abdomen totaling 6 images available for review.

BREED

Domestic Longhair

RADIOGRAPHIC FINDINGS

Thorax

The patient is obese.

SEX

Spayed Female

T11/12 presents spondylosis deformans.

AGE

12 Years

A moderate generalized bronchial lung pattern is noted and evenly distributed throughout the lung except for the right middle lobe. The right middle lobe presents atelectasis with volume loss. Mild compensatory overinflation of the right cranial and right caudal lobes is seen.

There is minimal esophageal aerophagia.

INTERPRETED BY

Nele Eley, DVM
Dr. med. Vet. DipECVDI

Course and width of the trachea are considered within normal limits.

The radiographic presentation of the cardiac silhouette is within normal limits. There is no evidence of cardiomegaly or atrial enlargement. No vascular lung pattern is noted.

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Abdomen

Meniscal ossicles are seen.

No abnormalities of the extraabdominal soft tissues are noted. The abdominal wall is smooth and thin.

REFERRING VET

Dr. Medhat Meawad

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

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

INVOICE

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

The right kidney is significantly reduced in size. Mineral opaque foci are superimposed onto both kidneys accentuating the area of the renal pelvis.

DATE

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The urinary bladder is in its anticipated position. No radiopaque calculi are noted throughout the upper and lower urinary tract.



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The stomach is in its anticipated position and presents normal content.

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The small intestinal loops are of even diameter and non-dilated, a small amount of gas is seen within the small intestinal loops and considered within normal limits.

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

Feline

RADIOGRAPHIC DIAGNOSIS

BREED

- Bronchial lung pattern with atelectasis of the right middle lobe.
- Bilateral chronic hypercalcemic nephropathy.
- Obesity
- Spondylosis deformans.

Domestic Longhair

SEX

The radiographic changes of the bronchial tree are compatible with chronic lower airway disease. Allergic lower airway syndrome is considered by far most likely especially taking the changes of the right middle lobe which suggests presence of bronchial mucus plugging with lobar atelectasis into account. The differential diagnosis of infectious bronchitis such as viral, bacterial, mixed, and less likely parasitic or protozoal cannot be ruled out entirely. A clinical trial of treatment for feline asthma could be considered. If that is not an option or fails to alleviate the clinical signs, further definition by means of airway endoscopy with airway sampling could be sought.

Spayed Female

AGE

12 Years

Consider renal staging. Chronic nephritis/hypercalcemic nephropathy is very likely based on the radiographic findings.

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At this time, the radiographic study does not support the presence of pulmonary metastatic disease or abdominal mass effects.

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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.

SPECIES

Feline

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Spayed Female

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